GENERAL CATALOGUE
2020

VIDEO DOORPHONE SYSTEMS
SMART HOME
TELEPHONY
INTRUSION
FIRE DETECTION
VIDEO SURVEILLANCE

IF YOU LOVE YOUR BUILDING

urmet

URMET
Quality communication
and security

Urmet S.p.A. designs, develops and manufactures its products in compliance with **UNI EN ISO 9001** standards. This internationally acknowledged certification attests to Urmet's status as a **brand leader in the Communication and Security industry** and to the all-round quality of its procedures, products and services.

All Urmet products bear the CE mark

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CCTV CATALOGUE

The wide range of video surveillance systems offered by Urmet has led to the development of a **dedicated catalogue**. Discover the quality of the systems and solutions (including the professional range) by referring to the CCTV catalogue, also available on **www.urmet.com**.

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URMET GROUP

Communication, security and smart-home systems. All around the world.

Urmet Group Group means integration of expertise and international dimensions, to offer global solutions to its partners. Born in Italy, the Group was able to develop internationally and now it has a significant presence on the world market. The companies of the Urmet Group offer integrated solutions for **home automation**, **video door phone systems, intrusion alarm, fire alarm, access control, video surveillance and telephony for buildings**.

From one's private home, to urban redevelopment plans, all the way to large public infrastructures, **Urmet Group** offers a full range of products and services, representing a global partner in terms of extent and completeness of know-how, product quality and service efficiency.

Video door phone and access control systems

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Public Administration

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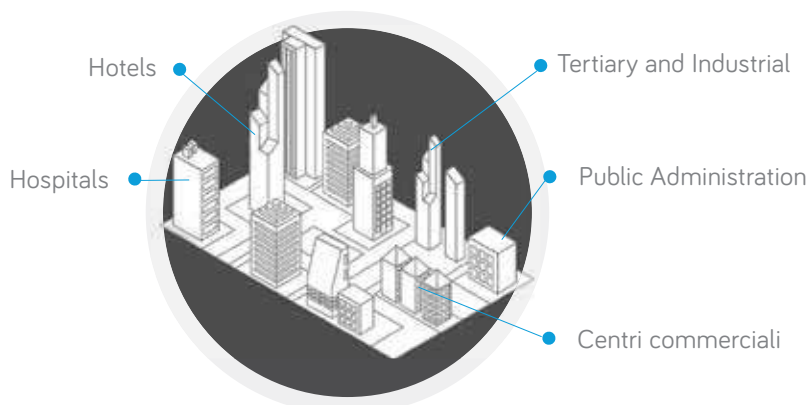
Specific applications

Urmet, leading technological revolutions. Since 1937.

Founded in 1937, **Urmet** is an Italian company designing and developing cutting-edge technologies for building automation. The company stands out for its flair for innovation, for the quality of its products and solutions and for the development of kits that speed up installation and simplify function management, for residential, office and industrial buildings.

Home Automation, Door Phone and Video Door Phone Systems, Telephony, Room Control, Professional Intrusion Alarm, Video Surveillance and Fire Alarm systems: solutions for every industry, developed in line with market demands.

Urmet has an extensive and reliable service network. Italian Customers enjoy the benefits of **Urmet's Sales and Service network**, which has a widespread presence on the territory, with an extensive network of sales agents and Service centres.

Communication

Technological solutions for Doorphone, Video doorphone and Telephony

Security

Intrusion Alarm, Fire Alarm and Video Surveillance systems and devices (IP and AHD professional solutions - see catalogue on **www.urmet.com**)

Smart Home Yokis URMET GROUP

Simple smart home solutions semplici based on a comprehensive range of digital modules consisting of transmitters, receivers and remote controls.

Kits

Solutions ready to meet Communication and Security needs

Indoor stations and accessories

Design and versatility

Solutions for all décor styles: prestige, home luxury.

Urmet's range of apartment stations maintains its reputation as the most exhaustive, flexible range on the market, offering a broad variety of door phones and monitors compatible with analogue and digital systems. Technology and design lie at the core of the product development concept; this is how the hands-free units **Max**, **vModo**, **Mìro** and **Aiko** were developed to offer technological solutions that suit every décor style. **Urmet** developed its products in a way to make them suitable for use also by the hearing impaired. **Max**, **vModo, Mìro, Aiko** and **Signo** can emit electromagnetic waves that can be detected by hearing aids. These devices are compatible with all induction loop antennas for hearing aids (ETS 300381 and EN 60118 standards).

Max

A 7-inch, latest generation screen revolutionising the world of video door phone systems.

|IPer voice| |IPer com|

vModo `NEW`

7-inch monitor with soft touch control, with 2 YOKIS radio channels and timed mute.

|2 voice|

Aiko

4,3-inch display, soft touch technology, available in white and black version.

|2 voice|

Nexo2 `NEW`

TFT 7-inch colour monitor with auxiliary buttons functions.

|Coax| |5 wires|

Mìro Range

The Mìro family is available with a hands-free unit and micro receiver, in both the video and audio versions. They give access to all video door phone system features and allow easy control of building automation systems with Yokis modules. Hands-free doorphone is also available for IPerCom and IPerVoice systems.

|2 voice|

Signo Range

A best-seller, its minimal style is combined with a strong personality even in the audio-only version.

|IPer voice| |Coax|

1130

A classic, now also universal.

|4 +N|

Side tabs:
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max Monitor

Max is the new latest generation 7" IP touch screen by Urmet. The thin and state-of-the-art display can be wall or flush mounted. The screen leverages **Sensitive Touch** technology to integrate innovative functions such as building automation control, appliance and video surveillance system management, proximity key scanning for facilitated access, audio and video call and messaging management directly from a smartphone through the Urmet **CallMe**.

Touch-screen display

Home Pushbutton

Yno

Manage and customize your own Smart Home system via smartphone and tablets using the Yno App.

APP iUVS plus

Manage the video surveillance of your home via smartphone or tablet using the iUVS Plus App.

Call Me

Max can forward video doorphone calls to smartphones and tablets through the CallMe App.

GET IT ON Google Play   Download on the App Store

COMPATIBLE WITH   I.Per voice   I.Per com

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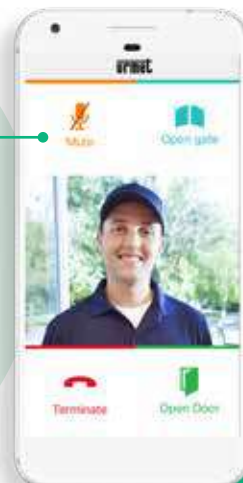
REFERENCES

		IPERVOICE	IPERCOM	
1717/31 1717/41	**MAX IP 7" MONITOR (1717/31) AND MAX LITE IP 7" MONITOR (1717/41)** Video doorphone and home automation controller on IP technology > White trim > Screen resolution: 1024x600 pixel > Complete video door phone functions with the chance to perform video calls between apartments; text messages between users; integrated video door phone answering machine with possibility to save 10" videos for each call > Input for panic alarm and floor call, output for repeat call; MUTE function with timing, audio memo function to record messages for other persons of the apartment > CCTV control function on IP cameras; micro SD slot for photo frames to load mp3 music; customisable ring tones and compatibility with mp3 music files	●	●	
1717/32	**MAX IP TERMINAL. 7" TFT.** > Colour touch monitor for USA > White colour			

ADDITIONAL FUNCTIONS

	MAX 1717/31	MAX LITE 1717/41
Integrated camera	●	-
Video intercom call	●	-
Wi-Fi and 2° LAN	●	-
Smart home control	●	-
iUvs Plus and My1067+ preloaded App	●	-
Integrated Yokis management (8 radio channels and 4 scenarios)	●	-
Integrated key reader	●	-
Yokis YnO App	●	-
iUVS plus App	●	-

ACCESSORIES

1717/61	FLUSH MOUNTING KIT FOR MAX 7" IP. To be used for Sch. 1717/31 and Sch. 1717/41
1717/52	TRANSPARENT PLEXIGLASS TABLE TOP STAND FOR MAX

FEATURES
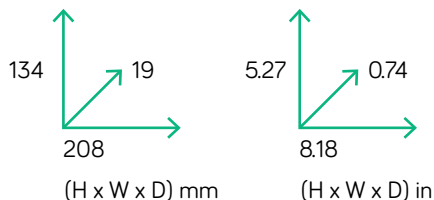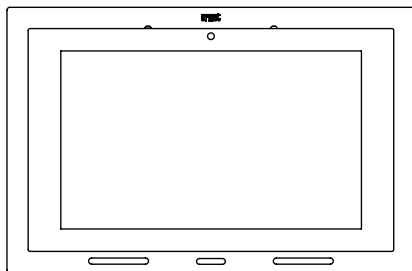
> 7" 16:9 touch-screen display
> Suitable for surface wall mount or flush-mounted
> User-friendly interface through icons on TFT display
> CCTV control function on IP cameras
> Dimensions: 208x134x19 mm - 8.18x5.27x0.74 in
  (5 mm - 0.19 in thickness in the flush-mounted version)

134   19   5.27   0.74

208   8.18

(H x W x D) mm   (H x W x D) in

Yokis
URMET|GROUP

Opportunity to integrate Yokis modules. Yokis is a comprehensive range of digital micro-modules for electric system automation.

✓modo Monitor

NEW

vModo: 7" soft touch video-doorphone.
The monitor has 4 soft touch buttons for door opener, gate opener, mute and one for programmable accessory functions (call to switchboard, intercom, activation), ILA Hearing Assistive Aid. It also allows the management of audio-video calls and call forwarding by adding the Urmet CallMe device.

Wall mounting or flush mounting on rectangular 3 modules or round ø60 mm flush boxes.
It can manage 2 Yokis smart home scenarios thanks to the built-in Yokis transmitter and 2 dedicated soft touch buttons. The MUTE function can be used also in timed mode, automatically deactivating the function after 8 hours.

Soft-touch buttons for Yokis smart home functions

Loudspeaker

7" display
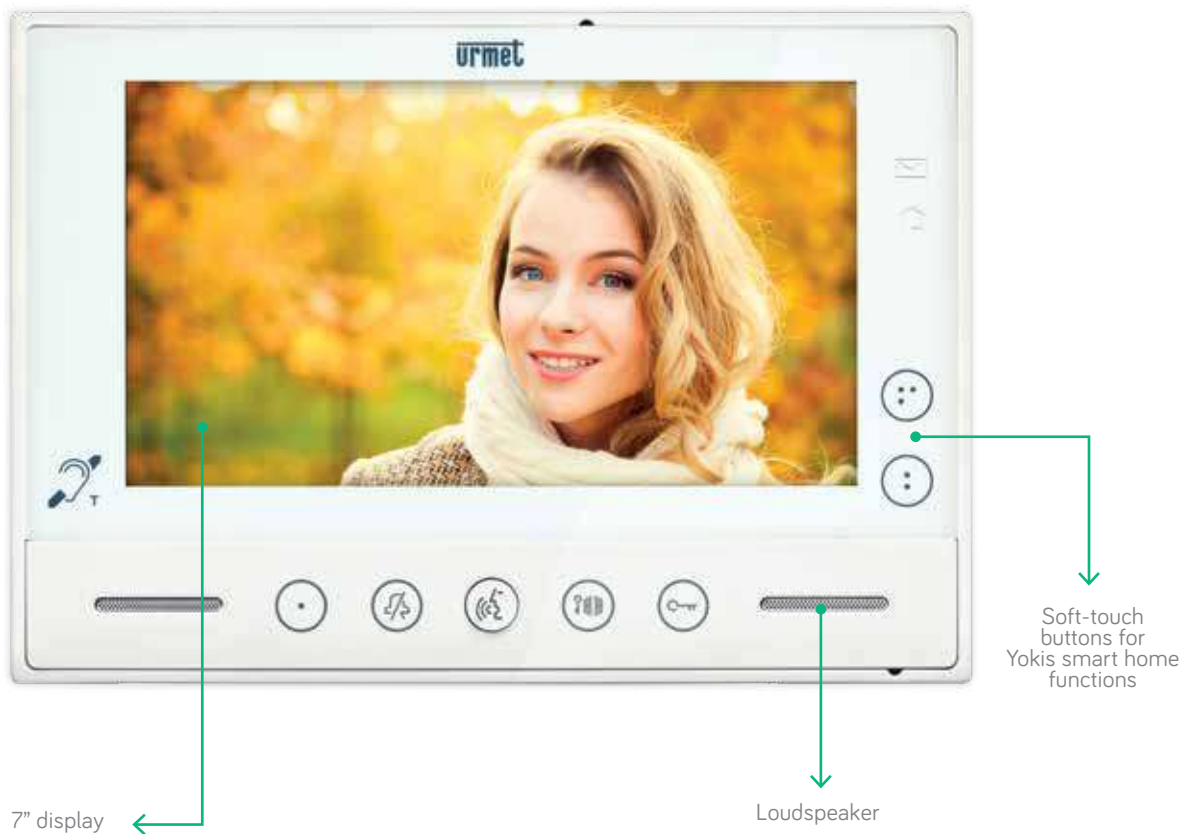
vModo can forward video doorphone calls to smartphones and tablets through the CallMe App; adding the call forwarding device to the vide doorphone system (see page 28).

GET IT ON Google Play

Download on the App Store

COMPATIBLE WITH

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		2VOICE	
1719/1	**vMODO VIDEO-DOORPHONE 7" COLOUR DISPLAY AND SOFT TOUCH CONTROLS** > Soft touch buttons for door opener, gate opener, mute and one for programmable accessory functions > It allows to have the timed MUTE function with automatic exclusion at the end of the 8 hours > There are also 2 touch controls for managing 2 scenarios /YOKIS radio commands; the 2-channel radio transmitter is on the video door phone > In addition the floor call input, the output for automatic recall and 2 relay outputs (controlled with the same buttons used for YOKIS) for additional services > ILA Hearing Assistive Aid	●	

ACCESSORIES

1723/52	TABLE TOP STAND FOR VMODO HANDS-FREE MONITOR

FEATURES

142	23	5.59	0.90
202		7.95	
(H x W x D) mm		(H x W x D) in	
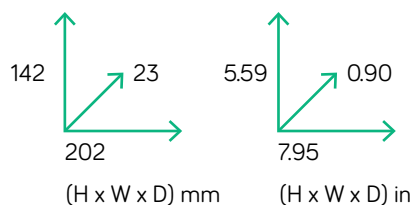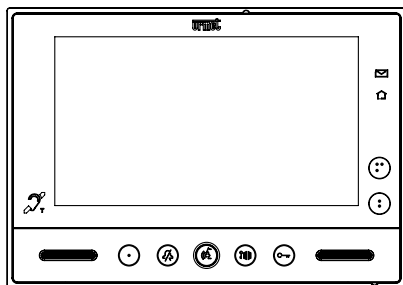
> Soft touch buttons for:
  - door opener
  - gate opener
  - mute
  - programmable accessory function
> 2 Yokis radio channels
> 2 relay outputs for additional services (activated simultaneously with radio control)
> MUTE mode (standard or timed for 8 hours)
> Possibility of 2 intercom calls or call to switchboard or activation Ref. 1083/80 special decoding
> OSD menu for brightness and contrast adjustments, selection of 16:9/4:3 image format
> Floor call input
> Output for automatic recall
> 5 selectable call tones
> Call volume regulation
> Hands free or "push to talk" mode

Yokis
URMET|GROUP

Opportunity to integrate Yokis modules. Yokis, a comprehensive range of digital micro-modules for electric system automation.

nexo2 Monitor

NEW

Nexo2: a 7" colour TFT monitor, hands-free audio and a simple interface make for a tool that is easy to use

All functions (audio ON/OFF, door opening, accessory functions) can be activated from four simple modules.

Microphone

ūrmet

7" Display

Loudspeaker

Service keys

Function menu

Audio button

Door opener
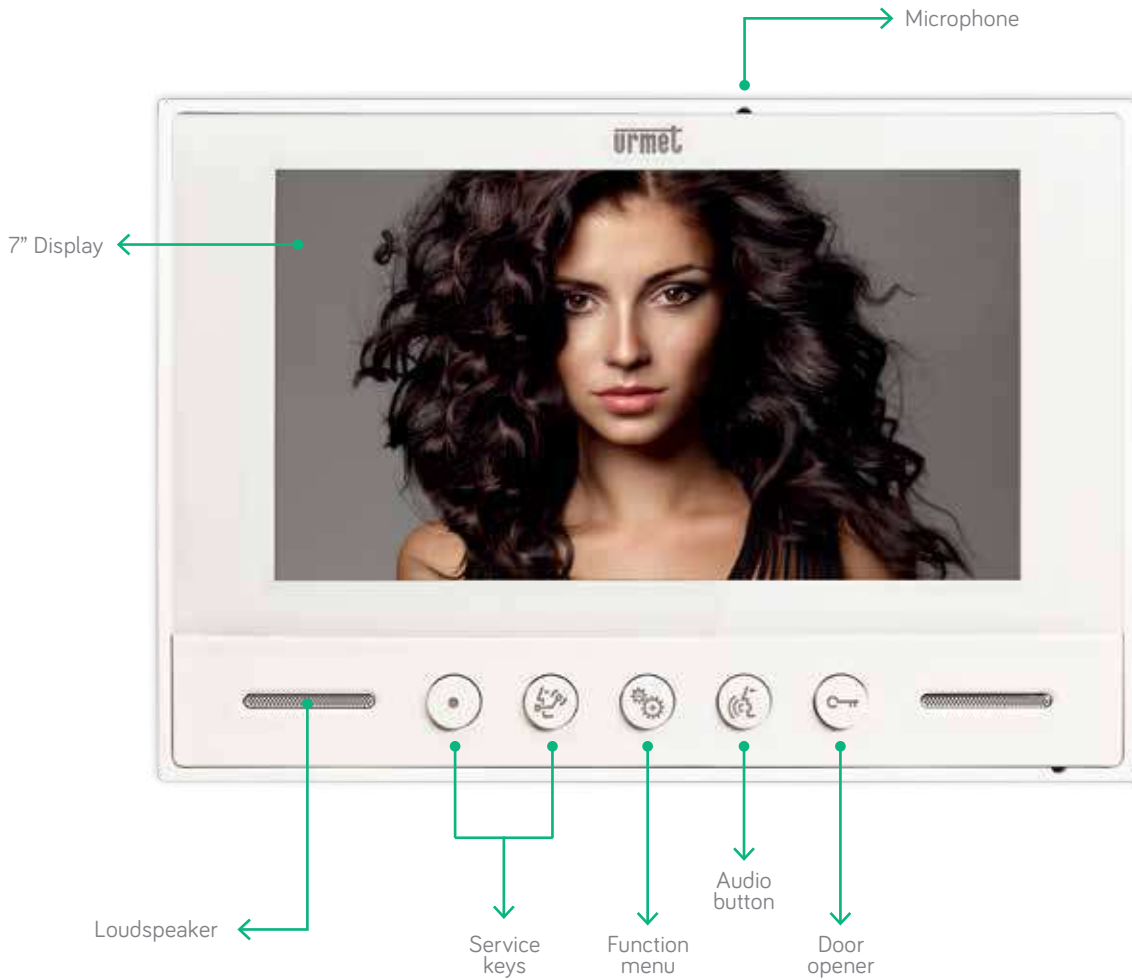
Call Me

Nexo2 allows to forward a video doorphone call on smartphones and tablets through the CallMe App, adding the device complying to video doorphone system in use (see page 28).

GET IT ON Google Play

Download on the App Store

ūrmet

Mute · Open gate

Terminate · Open Door

COMPATIBLE WITH 5 WIRES COAX

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		COAX	5 WIRES	
1708/2	**NEXO2 7" HANDS-FREE MONITOR, WALL-MOUNTING** (bracket included) Installation on analogue video door phone systems with coaxial cable and electronic call. Wall mounting installation, the device is equipped with a plastic bracket for installation in a generic flush mounting box (ø60mm or mod.503)	●		
1708/955	**BRACKET FOR 5-WIRE SYSTEMS** The device allows to install Nexo2 Ref.1708/2 video door phone into 5-wire systems with electronic ring tone by replacing the terminal pins board provided with the video door phone.		●	

FEATURES

> Dimensions (H x W x D): 142 x 202 x 22 mm - 5.59 x 7.95 x 0.86 in
> White glossy body
> 7" TFT colour display
> Wall-mounting
> Adjustable brightness and contrast
> Adjustable call volume
> Ideal for replacing video door phones with handset and electronic call
> All functions (audio on / off, door open, accessory functions) can be activated via five simple keys on the front

142 ⟋ 22   5.59 ⟋ 0.86
202   7.95
(H x W x D) mm   (H x W x D) in

aiko Monitor

Aiko hands-free video door phone with OSD 4,3" colour display, available in two colour themes - white and black. Soft-Touch technology that simply activates the call, the receiver, the door opener and all other additional services, such as differentiated floor call, entrance door open warning, second electrical gateway opening and staircase lights control.

Microphone

Display

Mute on

Automatic door opening function on

Door opener

Video doorphone message

Audio button

At home/Away
Main door open
Secondary door open

Joypad

Call switchboard

Auto power-on

Door 2 opener

MUTE

Aiko allows to forward a video doorphone call on smartphones and tablets through the CallMe App, adding the device complying to video doorphone system in use (see page 28).

COMPATIBLE WITH

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REFERENCES

		2VOICE	
1716/1	**AIKO 4,3" TFT COLOUR MONITOR FOR 2VOICE - BLACK** Aiko hands-free colour monitor with OSD 4,3" display. Recessed or surface wall mount with dedicated box with frame 1716/60, black colour. Soft touch controls.	●	
1716/2	**AIKO 4,3" TFT COLOUR MONITOR FOR 2VOICE - WHITE** Aiko hands-free colour monitor with OSD 4,3" display. Recessed or surface wall mount with dedicated box with frame 1716/60, white colour. Soft touch controls.	●	

ACCESSORIES

1716/50	**TABLE TOP STAND**	
1716/51	**SET OF COLOURED FRONTAL FRAMES** (red, green, blue, grey)	
1716/60	**FLUSH MOUNTING BOX FOR AIKO MODEL HANDS FREE MONITOR** Dimensions (W x H x D): 188 x 164 x 58 mm - 7.40 x 6.45 x 2.28 in	

FEATURES

160 → 29.7
130
(H x W x D) mm

6.29 → 1.16
5.11
(H x W x D) in
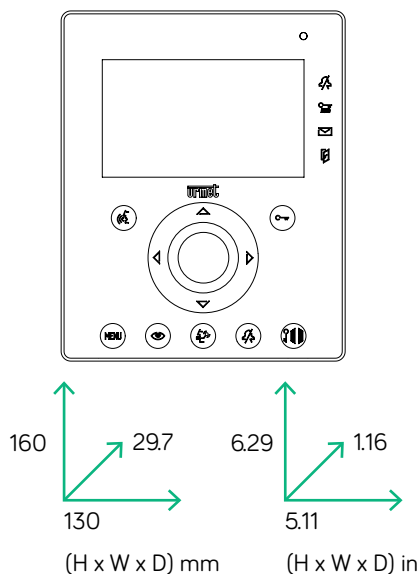
> Dimensions (H x W x D) 160 x 130 x 29,7 mm - 6.29 x 5.11 x 1.16 in
> 4,3" colour OSD (On Screen Display) display with command display
> Soft-Touch technology
> Management of up to 32 intercom calls through internal address book
> Valuable materials
> **Wall mounitng or flush mounting through dedicated box with frame**
> Full-duplex communication
> Colours: white and black, with glossy finishing
> Compliant with EU ETS300381 and EN60118 regulations on T-mode hearing aid devices

mìro Range

Mìro is the monitor with three standard buttons for auxiliary functions, built-in induction loop for hearing-aid users and 4,3" colour display with which it is possible to exploit maximum power, functionality and versatility of 2Voice system also for audio or mixed systems.

In the **2Voice** digital version, **Mìro Audio** adapts perfectly to its role of secondary indoor service station; in analogue systems **Mìro Audio** is compatible with all **4+n** systems and is the ideal choice to replace old door phones or to turn the old bell ring into an audio system.

4.3 "color display
Brightness controls
and contrast

Door Opener

Door Opener

Bicolored led

Two colour led for Mute
function, main door
open, automatic door
opening

Auxiliary function buttons:
second gate opening,
staircase lights,
video auto-on function

FEATURES

1750/1

200 (7.87)

52 (2.04)

173 (6.81)

(H x W x D) mm / in
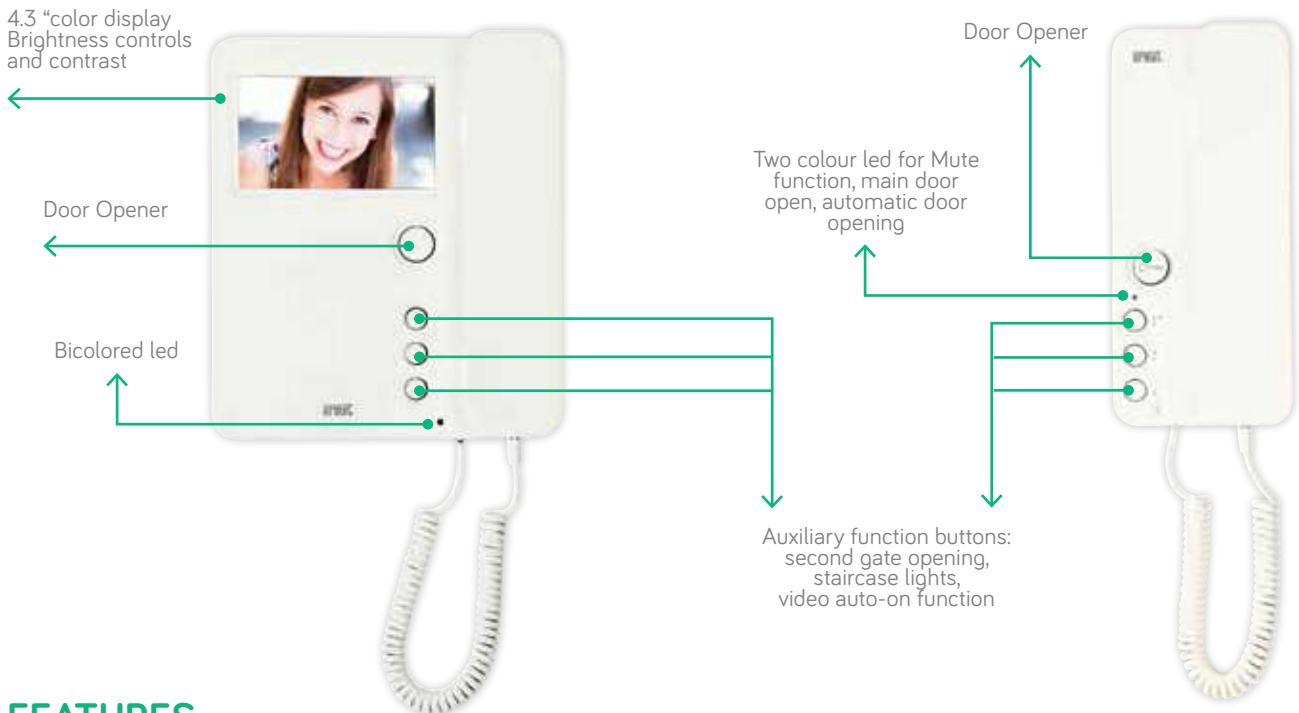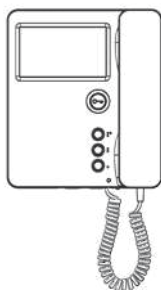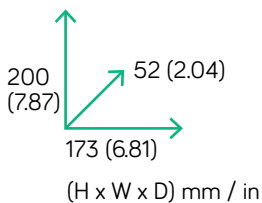
**1150 - 1150/1- 1150/35
1183/4 - 1183/5**

200 (7.87)

52 (2.04)

90 (3.54)

(H x W x D) mm / in
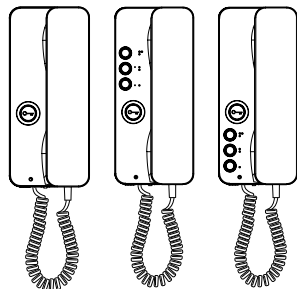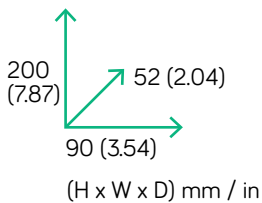
> 4.3" 16:9 colour display (ref. 1750/1)
> Wall mounting, flush mounting or table top
> 3 programmable buttons
> Driveway gate control
> 4 buttons
> Activation of auxiliary services
> MUTE function
> Alarm input
> Floor call input
> Auto-activation and control of CCTV cameras
> Intercom calls

CallMe READY

Mìro allows to forward a video doorphone call on smartphones and tablets through the CallMe App, adding the device complying to video doorphone system in use (see page 28).

MÌRO VIDEO
COMPATIBLE WITH ②voice

MÌRO AUDIO
COMPATIBLE WITH ②voice ④+N ①+N

REFERENCES

		2VOICE	4+N	1+N	
1750/1	**MÌRO 4,3" COLOUR MONITOR WITH BRACKET** > 4,3" monitor > White colour > Adjustable call volume > Ringer selection for outdoor call and floor call > MUTE function > Adjustable brightness and contrast > Door opener button and 3 additional buttons for additional functions (entrance opening, staircase light control, exchange call, etc.) > Second driveway door opening > Call and other active functions warning LED	●			
1150	**MÌRO DOOR PHONE WITHOUT ADDITIONAL BUTTONS** > White colour > Dimensions (H x W x D) 200 x 90 x 52 mm - 7.87 x 3.54 x 2.04 in		●		
1150/1	**MÌRO 4,3" COLOUR MONITOR WITH BRACKET** Fitted for the addition of another 2 independent buttons, to be used for intercom installation or auxiliary services (e.g. staircase light, secondary electrical lock opener, etc.).		●		
1150/35	**MÌRO DOOR PHONE WITH ELECTRONIC CALL AND ADDITIONAL BUTTON** - The door phone is fitted for the addition of another 2 independent buttons, to be used for auxiliary services (e.g. staircase light, secondary electrical lock opener, etc.). White colour.			●	
1183/5	**MÌRO DOORPHONE** - DOORPHONE FOR 2VOICE SYSTEM Features door opener push-button and 3 additional push-buttons. Controls driveway gate and allows 3 intercom calls to other apartment. Selectable call tone with 5 different options.	●			
1183/4	**MÌRO DOORPHONE** - DOORPHONE FOR 2VOICE SYSTEM Features door opener push-button and 1 additional push-button. Controls driveway gate and allows 1 intercom calls to other apartment. Selectable call tone with 5 different options.	●			

ACCESSORIES

1750/51	**WIRE COVER TRIM FOR VIDEO DOOR PHONE MOD. MÌRO** To be used for retrofit projects on video door phones mod. Signo and Atlantico.	
1150/50	**TABLE-TOP KIT FOR MÌRO DOOR PHONES** White colour. Provided with socket and 1.5m wire.	
1150/51	**FRAME FOR MÌRO DOORPHONE** - In order to replace the Atlantico doorphone.	
1150/55	**8-BUTTON ADD-ON KIT FOR MÌRO DOORPHONE** For use with doorphones ready for fitting supplementary buttons. White colour.	
9854/56	**ADDITIONAL ELECTRONIC BUZZER FOR SIGNO VIDEO DOORPHONE** Installed on monitor bracket, it acts as an additional chime to differentiate calls. Power supply: 12 Vdc; current draw during call 60 mA.	

mìro HANDS-FREE Range

The **hands-free** video doorphone, in white and black liveries, complete the **Mìro** range. Mìro hands-free includes the control of driveway gates, automatic on-call door opener, panic alarm functionality and the integration with Yokis relays for the activation of preset scenarios.

Available both for **2Voice** digital 2-wire non polarized systems and for **IperCom** digital systems.
Miro Audio hands-free is extremely small, it can be wall-mounted, also on rectangular 3-module or 60 mm diameter round boxes.

4,3" colour monitor

MUTE button

Loudspeaker

Bicolored LED

Door opener

FEATURES

1750/5 - 1750/6
1750/15-1750/16

129 (5.07)
23 (0.9)
160 (6.29)

(H x W x D) mm / in

1183/7 - 1160/3

80 (3.15)
19 (0.75)
110 (4.33)

(H x W x D) mm / in
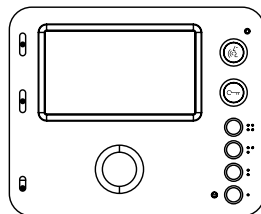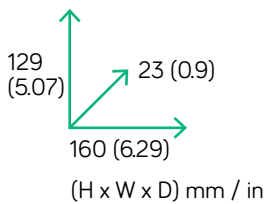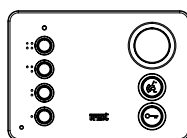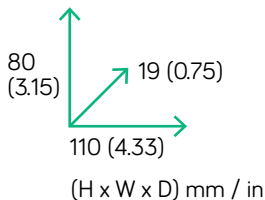
> 4.3" 16:9 colour display (ref. 1750/5-1750/6-1750/15-1750/16)
> Wall, table or flush-mounting
> 2 programmable buttons
> Driveway gate control
> Activation of auxiliary services
> Intercom calls
> MUTE function
> Alarm input
> Floor call input
> Auto-activation and control of CCTV cameras
> 2 auxiliary inputs for miscellaneous service (for instance, connection to Yokis E2BPP scenario modules)
> Mounts on rectangular 3 modules or round ø60 mm flush boxes

> 2VOICE VERSIONS ONLY
  • 2 intercom calls
  • Feedback LED
  • Dip-switch programming

Yokis URMET GROUP

Opportunity to integrate Yokis modules. Yokis, a complete range of digital micromodules for the automation of the electric system

MÌRO HANDS-FREE AND AUDIO HANDS-FREE

COMPATIBLE WITH   * only audio versions

2 Voice | IPer com | * | IPer voice | * | CallMe READY

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REFERENCES

		2VOICE	IPERCOM	
1750/6	**MÌRO 4,3" HANDS-FREE COLOUR MONITOR** > White colour > 4,3" colour monitor 16:9 format > Adjustable call volume > Provision for floor call connection and additional call tone > MUTE function > Adjustable brightness and colour > Door opener button and 3 independent buttons, to be used for auxiliary services (e.g. staircase light, secondary electrical lock opener, etc.). > Second driveway door opening > Call and other active functions warning LED > Allows 3 intercom calls to other apartment > Metal bracket for wall mounting on rectangular 3 module boxes > Dip-Switch programming > Built-in induction loop for hearing-aid users > Wall mounting or flush mounting > 2 free push-buttons for Yokis E2BPP connection for two wireless activations/ scenarios > Panic call > Automatic recall	●		
1750/5	**MÌRO 4,3" HANDS-FREE COLOUR MONITOR** Same features and functions of ref. 1750/6. > Black colour	●		
1750/16	**MÌRO 4,3" HANDS-FREE COLOUR MONITOR** Same features and functions of ref. 1750/6, con with 2 built-in Yokis channel transmitter. White colour			
1750/15	**MÌRO 4,3" HANDS-FREE COLOUR MONITOR** Same features and functions of ref. 1750/5, con with 2 built-in Yokis channel transmitter. Black colour			
1183/7	**MÌRO HANDS FREE 2VOICE DOOR PHONE SUITABLE FOR WALL OR FLUSH MOUNTING ON 503 BOX** > Fitted with audio module, door opener button and other auxiliary buttons > Wall or flush mounting on 503 box > 2 programmable function buttons > Backlit phone activation button and door opener button > Driveway gate opening > 2 intercom calls > Adjustable call volume and selectable call tone > MUTE call function > Floor call input > Output for automatic recall > Multicolour warning LED > 2 auxiliary inputs for various services (e.g. E2BPP connection for Yokis scenarios) > Dimensions (H x W x D) 110 x 80 x 19 mm - 4.33 x 3.15 x 0.75 in (protruding 9 mm - 0.35 inch from the wall if flush mounted)	●		
1160/3	**MÌRO HANDS FREE IPERCOM DOOR PHONE SUITABLE FOR WALL OR FLUSH MOUNTING ON 503 BOX** Same features and functions of ref. 1183/7		●	

ACCESSORIES

1750/52	**TABLE STAND FOR HANDS FREE VIDEO DOOR PHONE MOD. MÌRO** Table stand for video door phone mod. Miro ref. 1750/5, 1750/6, 1750/15 and 1750/16.	
1750/92	**TABLE TOP STAND FOR MÌRO VIDEO DOOR PHONE**	
1750/60	**FLUSH-MOUNTING KIT FOR HANDS-FREE VIDEO DOOR PHONE MOD. MÌRO** Kit for flush mounting of video door phones mod. Miro ref. 1750/5, 1750/6, 1750/15 and 1750/16.	
1750/50	**IN-OUT CONNECTION ADAPTER FOR MÌRO VIDEO DOOR PHONE**	

Signo Range

Minimal lines for a very thin design, by **Citterio**. the intuitive operation buttons provide services as: door opener and 3 auxiliary buttons for secondary services, e.g. staircase light, secondary electrical lock opener, intercom call. Cabling is extremely simple and the user-friendly Urmet bracket system allows to apply **Signo** to all major analogue systems. The indoor station is fit for use by hearing impaired people wearing hearing aids that can capture the electromagnetic waves produced by the loudspeakers built-in into the indoor station.

Colour display

Door opener

Buttons for auxiliary services such as: opening according to electric gate, lighting stage lights, auto insertion video

FEATURES

1740/40

230 (90.05)

50 (1.96)

205 (8.07)

(H x W x D) mm / in

1139/2

230 (90.05)

42 (1.65)

80 (3.14)

(H x W x D) mm / in
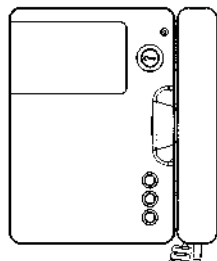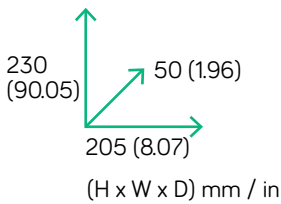
> Colour display
> Glossy finishing
> Minimum encumbrance
> Compliant with EU ETS300381 and EN60118 regulations on T-mode hearing aid devices

CallMe READY
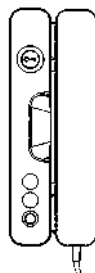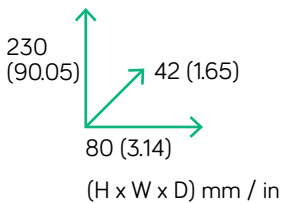
Signo allows to forward a video doorphone call on smartphones and tablets through the CallMe App, adding the device complying to the video doorphone system in use (see page 28).

COMPATIBLE WITH   IPerVoice   5 WIRES   COAX
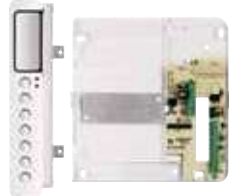
REFERENCES

	IPERVOICE	COAX	5 WIRES	
1740/40	**SIGNO MONITOR, WHITE COLOUR** Features 1 backlit door opener push-button with green LED, 3 push-buttons for additional services, adjustable call volume with MUTE function. Dimensions (H x W x D) 225 x 205 x 50 mm - 8.85 x 8.07 x 1.96 in.	●	●	
1139/2	**SIGNO IPERVOICE DOORPHONE** Doorphone with door opener push-button and 3 push-buttons for additional services. It is equipped with 1 RJ45 CAT5 port for connecting to the decoder Ref. 1039/34, private conversation, supplementary call speaker, choice of call tone by intercom phone or floor, call volume adjustment with possibility of rejection, output terminals for repeat call. Powered by CAT5 BUS, consumption: 35mA; wall mounting. Dimensions (W x H x D) 100 x 225 x 50 mm - 3.93 x 8.85 x 1.96 in	●			

SYSTEMS BRACKETS

1740/95	**IPERVOICE BRACKET FOR SIGNO VIDEO DOORPHONE** - To be used with Signo video doorphone ref. 1740/40. It is equipped with 2 RJ45 CAT5 ports for connecting to the decoder Ref. 1039/34 (BUS IN, BUS OUT)
1740/955	**BRACKET FOR 5-WIRE SYSTEMS FOR SIGNO MONITOR** - Ready for insertion of the auxiliary buzzer UTD 9854/52 or three-tone gong UTD 1132/54.
1740/90	**BRACKET FOR SIGNO VIDEO DOORPHONE FOR VIDEO COAX CABLE SYSTEMS** Provided with fixed terminal block and ready for insertion of the auxiliary buzzer UTD 9854/52 or three-tone gong UTD 1132/54.
1740/86	**BRACKET WITH BUTTON ADD-ON FOR SIGNO VIDEO DOORPHONE** To use in coax video systems. Add-on unit consists of 6 buttons, 2 LEDs and a switch. The red LED indicates that the door is opened, while the green one on the other hand indicates that the call was diverted to a second apartment device (e.g. video door phone, door phone, etc.)or, by the 788/52 relay box, the automatic door opening function is on (useful for doctor's offices to open the door automatically when a call is received). The 6 buttons on the add-on unit may be used to manage intercom calls and other secondary functions.
1740/20	**SIGNO VIDEO DOORPHONE FOR RETROFIT** - The video door phone allows to replace Sentinel, Vedette, Explorer and 1704/20A video doorphone installed on coax cable system. Signo can be used with all CCD cameras (NO Vidicom).

ACCESSORIES

1740/92	TRANSPARENT PLEXIGLAS TABLE STAND KIT FOR SIGNO VIDEO DOORPHONE
1740/93	TRANSPARENT PLEXIGLAS TABLE STAND KIT FOR SIGNO VIDEO DOORPHONE WITH ADD-ON
1140/53	ADJUSTABLE CALLING VOLUME KIT FOR SIGNO DOORPHONE
1140/55	8-BUTTON ADD-ON KIT FOR DOORPHONE
9854/56	SUPPLEMENTARY ELECTRONIC BUZZER FOR SIGNO VIDEO DOORPHONE
9854/55	SUPPLEMENTARY ELECTRONIC BUZZER FOR SIGNO DOORPHONE

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1130 Doorphone

Door phone **1130**, designed **by Giugiaro**, can be used solely in traditional door phone systems, with buzzer call. it is fit for connection with electromechanical single-wire door phone exchange. Its versatility makes it suitable to replace existing door phone systems model 1030, model 930 and model 730.

Possible predisposition for
3 additional service keys

Gray door
opener button

FEATURES

1130/16

218 (8.58)

56 (2.20)

77 (3.03)

(H x W x D) mm / in
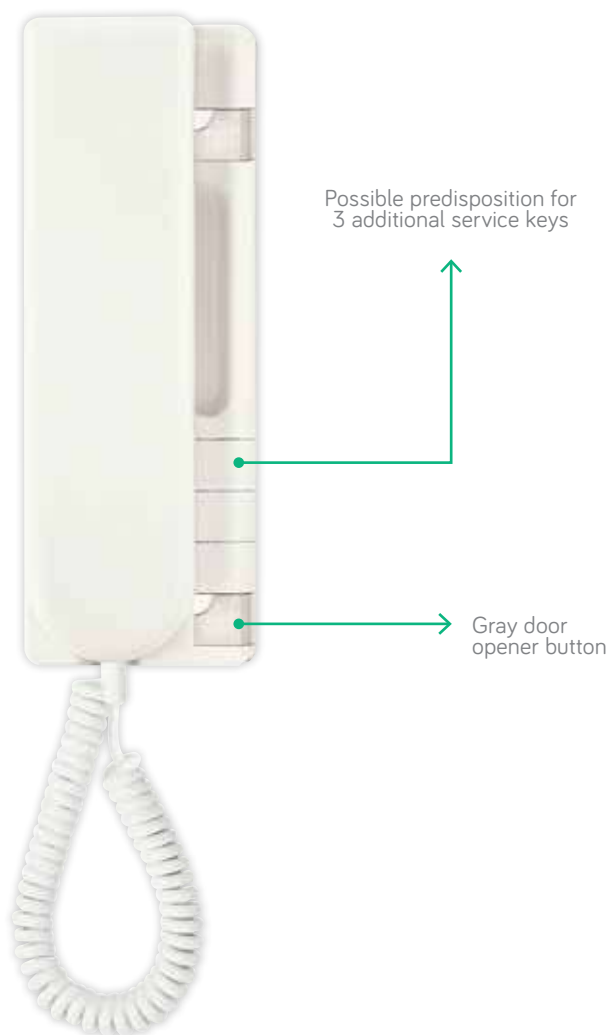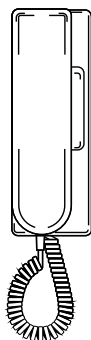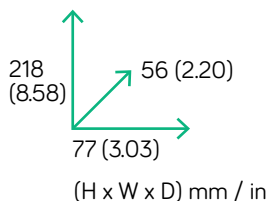
> Usable in traditional doorphone systems with buzzer
> Available in white or ivory colour
> Suitable for replacing 1030, 930 and 730 models in existing system

CallMe
READY

1130 doorphone allows to forward a video doorphone call on smartphones and tablets through the CallMe App, adding the device conforme al tipo di impianto videocitofonico (see page 28).

COMPATIBLE WITH   4 +N

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		4+N	
1130/16	**UNIVERSAL DOOR PHONE** The new Urmet universal door phone is ideal to replace or fix existing analogue systems, being compatible with most door phones available on the market. It can be installed on 4+n and 1+n systems. It features traditional buzzer call or electronic call on the micro receiver loudspeaker. > Door opener button and additional button for additional services > Inbound and outbound sound volume adjustment > Electronic or mechanical call	●	
	NOTE: Not suitable for analogue systems with exchange call or intercom services.		
1130/11	**DOORPHONE SET UP WITH THREE SUPPLEMENTARY BUTTONS, OF WHICH ONE IS ALREADY AVAILABLE** Ivory colour.	●	
1130/55	**BASIC DOORPHONE WITH AUDIO BUTTON ON HANDSET** White colour.	●	

ACCESSORIES

1130/120	**TABLE-TOP KIT AND 12-WIRE CORD** White colour.	
1130/100	**10-BUTTON ADD-ON KIT FOR DOORPHONE** To use with doorphones ready for fitting supplementary buttons. Ivory colour	
1131/100	**SET OF 10 SUPPLEMENTARY WHITE KEYS FOR 1130/16 DOOR PHONE**	
9854/56	**SUPPLEMENTARY ELECTRONIC BUZZER** Suitable for use as supplementary ringer in electronic and traditional call systems. Insert in doorphone or in video doorphone bracket. Consumption: 60 mA @ 12Vac; 15 mA @ 12Vdc Power: 12Vdc or 12Vac	

Call
forwarding

Call forwarding

Urmet call forwarding solutions allow you to answer video door phone calls and open your home door or gate, by simply using your smartphone or tablet. **CallMe** is for **IPerCom, 2Voice and IPerVoice** systems.

To enable the call forwarding function you do not have to replace your video door phone.
The App is free and available on the Google Play and App Store.

Android®   iPhone®   iPad®

More comfort

Are you in your garden, on the terrace or in front of the TV?
No need to get up: with **Urmet call forwarding systems** you don't have to stop what you're doing to answer the door.

More practical

Is there a parcel for you and you are not at home? With **Urmet call forwarding systems** you can speak with the courier and arrange a new delivery or open the door to leave the parcel with a neighbour.

More opportunities

Have you got a second house?
With the **Urmet call forwarding systems** you can check who's ringing and manage your call at any moment.

More security

Have you left elderly people alone at home? With **Urmet call forwarding systems** you can check who's ringing and answer in their place. In addition, they can call you on your smartphone without having to look for your mobile number: they simply have to press the key on the door phone and get in touch.

Monitor access and remotely manage your video doorphone

IP systems call forwarding

CallMe brings the video door phone to your smartphone, allowing you to answer calls even when you're not at home or in the office. Downloading the app is extremely easy: just enter your data and you'll be immediately connected to the video door phone.
With **CallMe** it will no longer be a problem to deliver a package when the addressee is not home as you can ask the courier to leave the package with a neighbour. You could also inform a customer who's ringing at your office door that you'll be late.

Urmet forwards any calls directly to your smartphone and allows you to talk with the caller and open the home gate, as if you were in front of your apartment's monitor.

| Microphone silencer | Door opener | Driveway gate opening | Conversation end |

Using **CallMe** is easier than you think.
When you leave home or your office,
you just have to select the remote mode on the monitor to activate the call forward.

The call forwarding function is compatible with all indoor stations of the **IPerCom and IperVoice lines by Urmet**.
An internet connection is required to use the call forwarding. You then simply configure it on the system and install the **CallMe** app on your smartphone

IperCom and IperVoice systems
In order to forward any calls directly to your smartphone you just need to download the CallMe App without adding other devices.

GET IT ON Google Play   Download on the App Store

COMPATIBLE WITH

Call forwarding

Call
Me

For call forwarding on **2Voice** systems, the "**CallMe**" device must be installed next to the video door phone: it can be mounted quickly on a DIN board or on a wall using the **installation kit**, it takes up little space and there is no need for masonry work.
- It can be installed in flats **without any intervention inside the riser**.

- It does not require any additional power supply for **up to 12 indoor stations**.
- It connects to the **Internet** through Wi-Fi or network cable.
- It also allows forwarding a call to up to **4 different mobile devices** and allows to make intercom calls.

EASY TO INSTALL

- > **CallMe** is compatible with a**ll Urmet video and audio door phone systems** also audio of the **2Voice range**, **analogue 4+N** and **coaxial**, as well as 1722 kits
- > The device may be mounted on a **DIN panel** or on the **wall** using the suitable **wall mounting kit**: it takes little space and does not require any work on the wall
- > It can be installed in the apartments **without any intervention inside the riser**: each dweller makes his/her decision
- > It does not require any additional power supply **up to 12 indoor stations***
- > It allows forwarding a call to up to **4 different mobile devices** and allows to make intercom calls
- > **ADSL** connection through Wi-Fi or network cable
- > Several **CallMe** devices can be managed with a single smartphone (seaside house, country house, parents' home, office, etc.)

NOTE: only for 2Voice systems

Compatible with all Urmet 2Voice indoor and analogue (4+n and coax.) stations

Does not require the replacement of the old video door phone

Allows call forwarding up to 4 mobile devices

Allows intercom calls to mobile devices

It features an RJ45 port for wired connection as an alternative to Wi-Fi connection

It does not require any power supply up to 12 indoor stations

COMPATIBLE WITH [2 VOICE] [COAX] [4 +N] [2 WIRES]

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Call
Me

The additional component may be installed on a DIN or wall panel using the suitable wall-mounting kit.

The configuration is very simple: to operate it connect it to the **ADSL** though **Wi-Fi** or a **network cable**. As opposed to other products on the market, Urmet connection devices are fitted with an **RJ45**

port preventing any and all inconveniences due to the lack of signal coverage.

Using the specific **App** it is possible to personalise the system according to personal needs, e.g. define the quality of the signal or receive calls only when connected to a Wi-Fi network.

		2VOICE	2WIRES	COAX/4+N	
BASE ELEMENTS					
1722/58A	CALL FORWARDING DEVICE FOR 1722 KIT DIN rail device (8 modules). It can be surface wall-mounted using the dedicated kit (item no.1083/88) with camera auto insertion.		●		
1083/58A	2VOICE CALL FORWARDING DEVICE DIN rail device (8 modules). It can be surface wall-mounted using the dedicated kit (item no.1083/88) with camera auto insertion.	●			
9854/58	CALL FORWARDING DEVICE DIN rail device (8 modules). It can be surface wall-mounted using the dedicated kit (item no.1083/88). It always needs power supply unit 1083/24.			●	

ACCESSORIES			
1083/88	WALL-MOUNT INSTALLATION KIT FOR CALL FORWARDING DEVICE > Plastic material > Dimensions (H x W x D) 155 x 132 x 45 mm - 6.10 x 5.19 x 1.77 in		
1083/24	LOCAL POWER UNIT FOR CALL FORWARDING DEVICE > Up to a maximum of 12W > Dimensions: 2 DIN modules		

Using **CallMe** is easier than you think. When you leave home or your office, you just have to select the remote mode on the monitor to activate the call forward.

To enable the call forwarding function you have to install the **CallMe** device next to the videodoorphone, Adsl connection through Wi-Fi or network cable, proceed with the configuration on your apartment and finally download the **CallMe** app on your smartphone.

Call
Me

In order to forward any calls directly to your smartphone you just need to download the CallMe App and to add the device complying to video doorphone system in use.

GET IT ON Google Play

Download on the App Store

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| Call Me | | | |

		2VOICE	2WIRES	IPERCOM	COAX/4+N	
KITS						
1183/758	**MÌRO HANDS-FREE DOORPHONE WITH CALL FORWARDING DEVICE** The kit consists of: > n. 1 ref. 1183/7 - White hands-free doorphone - Mìro model > n. 1 ref. 1083/58A - Call forwarding device > n. 1 ref. 1083/88 - Wall-mount installation kit for the call forwarding device	●				
1750/658	**MÌRO HANDS-FREE VIDEO DOORPHONE WITH CALL FORWARDING DEVICE** The kit consists of: > n. 1 ref. 1750/6 - White hands-free video doorphone - Mìro model > n. 1 ref. 1083/58A - Call forwarding device > n. 1 ref. 1083/88 - Wall-mount installation kit for the call forwarding device	●				
1722/858	**ONE-FAMILY MINI NOTE+ KIT WITH CALL FORWARDING DEVICE** The kit consists of: > n. 1 ref. 1722/111 Mikra wall-mounted entry panel made of zamak with CCD colour camera and outdoor station > n. 1 ref. 1722/87 CX Modo 7" touch screen monitor > n. 1 ref. 1722/20 2-wire power unit > n. 1 ref. 1722/58A Call forwarding device		●			
1060/611	**ONE-FAMILY IP VANDAL RESISTENT VILLA KIT** The kit consists of: > n. 1 ref. 1717/31 - Max 7" touch screen integrated home monitor > n. 1 ref. 1060/71 - Sinthesi Steel 1-button entry panel > n. 1 Switch with 4 PoE ports Possibility to expand in a two-family kit purchasing separately one monitor Ref. 1717/31 and the 2 buttons module Ref. 1758/108.			●		
1150/158	**MÌRO AUDIO + CALL FORWARDING DEVICE KIT** The kit consists of: > n. 1 ref. 1150/1 - Mìro doorphone > n. 1 ref. 9854/58 - Call forwarding device				●	
1740/958	**SIGNO COAX + CALL FORWARDING DEVICE KIT** The kit consists of: > n. 1 ref. 1740/40 - Signo video doorphone with handset, 4" display > n. 1 ref. 1740/90 - Bracket for Signo video doorphone for video coax cable systems > n. 1 ref. 9854/58 - Call forwarding device				●	

Entry panels
and accessories

Entry panels. Technology, style and customisation.

Solidity, compactness, design and performance. **Urmet entry panels** meet all these requirements thanks to a comprehensive range of styles and functions. For **digital and analogue systems**, modular or one-piece, and classic or modern lines. The outdoor stations of the Urmet range are easy and practical to install, and are compatible with all system types and with the technology and design styles that meet the diverse users' tastes.

Alpha NEW

The new Urmet modular entry panel for 2VOICE systems that meets any needs in term of performance, design and superior technology.

| 2 Voice |

Sinthesi Steel

Modularity and vandal resistant function with a steel body.

| Per com | Per Voice | 2 Voice | Coax |
| 5 Wires | 4 +N | 1 +N |

Elekta & Elekta Steel

Two outdoor panels for IP and 2Voice systems: one soft touch-touch commands version and one steel body for vandal resistance.

| Per com | Per Voice | 2 Voice |

Sinthesi S2

This modular entry panel suits all environments, provides access control and is designed for easy use by people with disabilities.

| Per Voice | 2 Voice | Coax |
| 5 Wires | 4 +N | 1 +N |

Exigo & Exigo Digital

An elegant choice, customised on the basis of customer's specific demands with top-quality materials and many personalisation options.

| Per com | Per Voice | 2 Voice | Coax |
| 5 Wires | 4 +N | 1 +N |
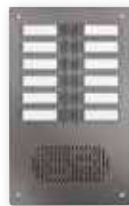
Titanium & Titanium Digital

The ideal choice to replace your old entry panel with class and a modern touch without changing the flush mounting box.

| Per com | Per Voice | 2 Voice | Coax |
| 5 Wires | 4 +N | 1 +N |

Allinox & Allinox Digital

Allinox Vandal: resistant monoblock stainless steel panel matt finishing. Allinox Digital: one of the thinnest call module on the market. Only 1,5 mm thickness out of the wall.

| Per Voice | 2 Voice | Coax |
| 5 Wires | 4 +N | 1 +N |

Alumen

4 mm thickness single block structure panel. It can be used in audio or video systems, both for analogue systems and for the Urmet digital system.

| Per Voice | 2 Voice | Coax |
| 5 Wires | 4 +N | 1 +N |

925

This audio and video entry panel for analogue system is strong and has stood the test of time, and also features a new design.

| 2 Voice | Coax | 5 Wires |
| 4 +N | 1 +N |

Mikra & Mikra2

One and two-family entry panels, with compact and refined design; for flush or surface wall mount, different finishes available.

| 2 Voice | 4 +N | 2 Wires |

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a:pha

NEW

Urmet presents Alpha: the new modular entry panel for 2Voice systems, quick to install and easy to program. **Without any frame or projections**: complete with flush-mounted buttons.
The **horizontal lighting bar** for the camera is turned into an aesthetic motif. A **twilight sensor** manages the lighting system to ensure an optimal light at night.

The **coated steel**, with a pleasing sand effect, joins the **methacrylate front plates** to offer visual harmony and **high resistance to external agents.**
Alpha's finishing have been studied in detail ensuring maximum resistance to external agents such as water, dust and to any impact.
Protection class IP55 and IK08.

IP55
IK08

Wide-angle camera
113° horizontal
92° vertical

Horizontal lighting bar

Snap-fit modules

Coated steel

System status
display by means
of 3 LEDs:
> presence of
  a call in progress
> presence of an active
  conversation
> active door opener
  and busy status

Without frame
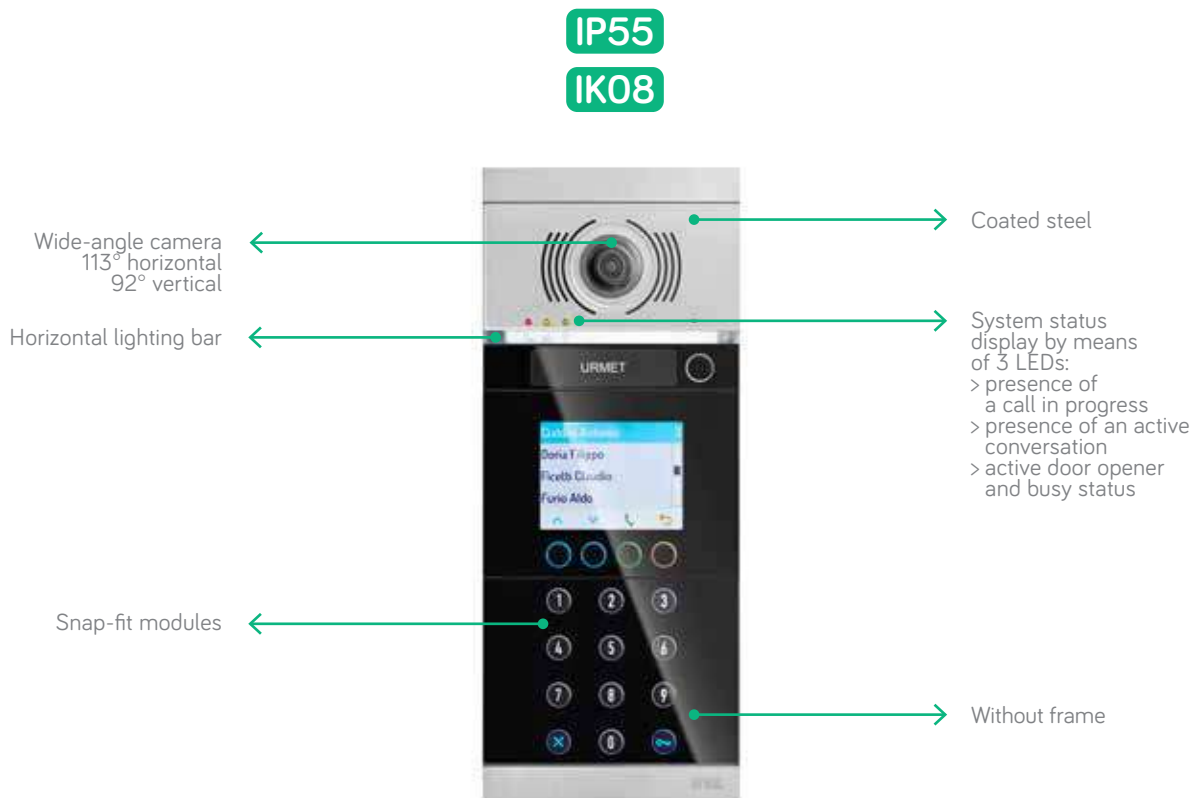
COMPATIBLE WITH

FEATURES
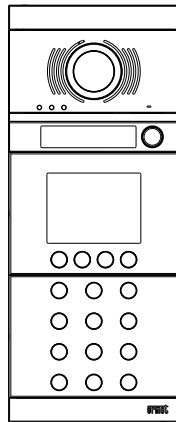
> Modular
> Steel body
> Compatible with Sinthesi flush mounting boxes
> Wide-angle camera
> Horizontal lighting bar
> For 2Voice system
> IP55 and IK08
> Flush mounting version: only 12 mm protrusion
> Surface wall mounting version: 29 mm protrusion

IT REDUCES INSTALLATION TIME

New Alpha entry panels have been designed to offer a simple and fast installation experience. The design allows the installer to join together modular elements in a few steps, minimising the use of screwdrivers and consequently the installation time.

All connections among modules are carried out by means of supplied flat cables, thus excluding local wirings.

IT MAKES CONNECTION EASIER

To make configuration as easy as possible, Alpha entry panels feature two levels of programming: **basic and advanced.**

Basic programming for single-staircase systems with up to 2 main and 2 secondary entry panels: it is carried out directly on the audio or audio/video module using the on-board buttons.
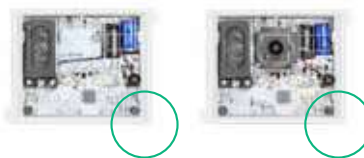
Advanced programming for all the other system types: it is carried out by means of smartphone/tablet/pc with a WiFi Direct connection and without the need for any specific software; a normal browser is sufficient and no Internet connection is required.

1.
Manage system general **parameters**

2.
Enter names and door opening codes

3.
Match single buttons and apartments, without topological or installation limits

4.
Save the configuration and send it to the module. Store a **copy of the programming file** on a smartphone, tablet or pc, to be used for any future maintenance work

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a:pha

BLACK ENTRY PANEL

FRONT PLATES FOR BUTTON MODULES

1168/11	**1-BUTTON FRONT PLATE** Front panel with one call button for 1168/4 button module.	
1168/12	**2-BUTTON FRONT PLATE** Front panel with two call buttons for 1168/4 button module.	
1168/13	**3-BUTTON FRONT PLATE** Front panel with three call buttons for 1168/4 button module.	
1168/14	**4-BUTTON FRONT PLATE** Front panel with four call buttons for 1168/4 button module.	
1168/24	**DOUBLE 4-BUTTON FRONT PLATE** Front panel with 4 call buttons on double row (2 x 2) for 1168/8 button module.	
1168/28	**DOUBLE 8-BUTTON FRONT PLATE** Front panel with 8 call buttons on double row (2 x 2) for 1168/8 button module.	

NOTE: Modules dimensions (H x W): 90 x 125 mm - 3.54 x 4.92 in

LOUDSPEAKING UNIT FRONT PLATES

1168/130	**DDA FRONT PLATE FOR AUDIO MODULE WITHOUT BUTTON** Front panel without call button for 1083/38 Alpha audio module.	
1168/131	**DDA FRONT PLATE FOR AUDIO MODULE WITH 1 BUTTON** Front panel with one call button for 1083/38 Alpha audio module.	
1168/132	**DDA FRONT PLATE FOR AUDIO MODULE WITH 2 BUTTONS** Front panel with 2 call buttons on 2 rows (1x1) for 1083/38 Alpha audio module.	
1168/140	**DDA FRONT PLATE FOR AUDIO/VIDEO MODULE WITHOUT BUTTONS** Front panel without call button for 1083/48 Alpha audio/video module.	
1168/141	**DDA FRONT PLATE FOR AUDIO/VIDEO MODULE WITH 1 BUTTON** Front panel with 1 call button for 1083/48 Alpha audio/video module.	
1168/142	**DDA FRONT PLATE FOR MODULE AUDIO/VIDEO MODULE WITH 2 BUTTONS** Front panel with 2 call buttons on 2 rows (1x1) for 1083/48 Alpha audio/video module.	

NOTE: Modules dimensions (H x W): 90 x 125 mm - 3.54 x 4.92 in

urmet

REFERENCES

WHITE ENTRY PANEL

FRONT PLATES FOR BUTTON MODULES

1168/11W	**1-BUTTON FRONT PLATE** Front panel with one call button for 1168/4 button module.	
1168/12W	**2-BUTTON FRONT PLATE** Front panel with two call buttons for 1168/4 button module.	
1168/13W	**3-BUTTON FRONT PLATE** Front panel with three call buttons for 1168/4 button module.	
1168/14W	**4-BUTTON FRONT PLATE** Front panel with four call buttons for 1168/4 button module.	
1168/24W	**DOUBLE 4-BUTTON FRONT PLATE** Front panel with 4 call buttons on double row (2 x 2) for 1168/8 button module.	
1168/28W	**DOUBLE 8-BUTTON FRONT PLATE** Front panel with 8 call buttons on double row (2 x 2) for 1168/8 button module.	

NOTE: Modules dimensions (H x W): 90 x 125 mm - 3.54 x 4.92 in

LOUDPSEAKING UNIT FRONT PLATES

1168/130W	**DDA FRONT PLATE FOR AUDIO MODULE WITHOUT BUTTON** Front panel without call button for 1083/38 Alpha audio module.	
1168/131W	**DDA FRONT PLATE FOR AUDIO MODULE WITH 1 BUTTON** Front panel with one call button for 1083/38 Alpha audio module.	
1168/132W	**DDA FRONT PLATE FOR AUDIO MODULE WITH 2 BUTTONS** Front panel with 2 call buttons on 2 rows (1x1) for 1083/38 Alpha audio module.	
1168/140W	**DDA FRONT PLATE FOR AUDIO/VIDEO MODULE WITHOUT BUTTONS** Front panel without call button for 1083/48 Alpha audio/video module.	
1168/141W	**DDA FRONT PLATE FOR AUDIO/VIDEO MODULE WITH 1 BUTTON** Front panel with 1 call button for 1083/48 Alpha audio/video module.	
1168/142W	**DDA FRONT PLATE FOR MODULE AUDIO/VIDEO MODULE WITH 2 BUTTONS** Front panel with 2 call buttons on 2 rows (1x1) for 1083/48 Alpha audio/video module.	

NOTE: Modules dimensions (H x W): 90 x 125 mm - 3.54 x 4.92 in

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alpha

BLACK ENTRY PANEL

SPECIAL MODULES AND DOOR OPENERS

1168/1	**DIGITAL DIRECTORY DISPLAY MODULE** Alpha module with colour display featuring electronic directory of name list. Equipped with 4 selection buttons. It is used in combination with 1168/46 numeric keypad module and external audio or audio/video unit to make up the digital call entry panel. Connection to the other modules with the flat cable supplied as standard. Size: 1 ALPHA module.	
1168/46	**KEYPAD MODULE (for call module or code keypad module)** Alpha numeric keypad module. It is used in combination with 1168/1 display module and external audio or audio/video unit to make up the digital call entry panel. Connection to the other modules with the flat cable supplied as standard. Size: 1 ALPHA module.	
1168/49	**ALPHABETIC KEYPAD MODULE (for call module)** Alpha alphabetic keypad module. It is used in combination with 1168/1 display module, external audio or audio/video unit and 1168/46 numeric keypad to make up the digital call entry panel. It allows using call codes composed of numbers and letters. Connection to the other modules with the flat cable supplied as standard. Size: 1 ALPHA module.	
1168/48	**MODULE FOR HEARING IMPAIRED PEOPLE (ILA)** Alpha module with coil for hearing impaired people and system status voice message.	
1168/50	**STREET NUMBER MODULE**	
1168/59	**DUMMY MODULE**	
1168/45	**MIFARE PLUS PROXIMITY KEY READER MODULE** Proximity key reader module for access control on Alpha. It can be used in single mode as a check point for accesses by access key or inserted into a call button configuration or digital call module. Size: 1 ALPHA module.	

NOTE: Modules dimensions (H x W): 90 x 125 mm - 3.54 x 4.92 in

ACCESSORIES

1168/100	PACKAGE WITH 10 NAME TAGS AND 2 STREET NUMBER TAGS, BLACK COLOUR
1168/102	DOUBLE-BUTTON PACKAGE WITH 10 NAME TAGS AND 2 STREET NUMBER TAGS, BLACK COLOUR
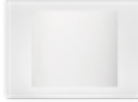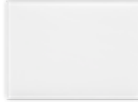
COMMON BUTTON MODULES

1168/4	**4-BUTTON MODULE** Alpha button module. Preset for 4 call buttons. Connection to external audio or audio/video units and to other button modules with flat cables supplied as standard. Size: 1 ALPHA module.	
1168/8	**8-BUTTON MODULE** Alpha button module. Preset for 8 call buttons. Connection to external audio or audio/video units and to other button modules with flat cables supplied as standard. Size: 1 ALPHA module.	

REFERENCES

WHITE ENTRY PANEL

SPECIAL MODULES AND DOOR OPENERS

1168/48W	**MODULE FOR HEARING IMPAIRED PEOPLE (ILA)** Alpha module with coil for hearing impaired people and system status voice message

1168/50W	**STREET NUMBER MODULE**

1168/59W	**DUMMY MODULE**

1168/45W	**MIFARE PLUS PROXIMITY KEY READER MODULE** Proximity key reader module for access control on Alpha. It can be used in single mode as a check point for accesses by access key or inserted into a call button configuration. Size: 1 ALPHA module.

NOTE: Modules dimensions (H x W): 90 x 125 mm - 3.54 x 4.92 in

ACCESSORIES

1168/101	PACKAGE WITH 10 NAME TAGS AND 2 STREET NUMBER TAGS, WHITE COLOUR
1168/103	DOUBLE-BUTTON PACKAGE WITH 10 NAME TAGS AND 2 STREET NUMBER TAGS, WHITE COLOUR

DOOR OPENER MODULE ACCESSORIES

1125/53	**10 MIFARE PLUS PROXIMITY KEYS** Kit with 10 keys for 1168/45 and 1168/45A proximity module

COMMON OUTDOOR STATIONS

1083/38	**2VOICE EXTERNAL AUDIO UNIT WITH DDA** Audio unit on Alpha entry panel for 2Voice system. Equipped with loudspeaker and microphone. Automatic button and tags lighting LED if dusk sensor is enabled. System status signalled by 3 leds. Set-up for 2 calling buttons. To be completed with front panel. Hall button and open door sensor input. Management of 2 electric locks: pedestrian and driveway. Size: 1 ALPHA module.
1083/48	**2VOICE EXTERNAL AUDIO/VIDEO UNIT WITH DDA** Audio/video unit on Alpha entry panel for 2Voice system. Equipped with wide-angle camera, LED lighting with dusk sensor, loudspeaker and microphone. System status signalled by 3 leds. Set-up for 2 calling buttons. To be completed with front panel. Hall button and open door sensor input. Management of 2 electric locks: pedestrian and driveway. Size: 1 ALPHA module.
1083/39	**2VOICE EXTERNAL AUDIO UNIT WITH DDA AND CCTV** Audio unit on Alpha entry panel for 2Voice system. Same specification as Ref. 1083/38 with the provision of: -Input for coaxial cable from CCTV camera or output from surveillance camera device (Ref. 1083/69) in case of multiple cameras (max. 4); -Connector for managing the device for surveillance cameras. Size: 1 ALPHA module.

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a:pha

FLUSH-MOUNTING BOXES

1145/51	1-MODULE FLUSH-MOUNTING BOX
1145/52	2-MODULE FLUSH-MOUNTING BOX
1145/53	3-MODULE FLUSH-MOUNTING BOX
1145/54	4-MODULE FLUSH-MOUNTING BOX

1145/51	1145/52	1145/53	1145/54

WALL FLUSH-MOUNTING FRAMES AND WALL FRAMES

1168/61	**1-MODULE WALL FRAME** Wall frame for fixing Alpha modules. To be assembled on 1145/51 flush-mounting box.
1168/62	**2-MODULE WALL FRAME** Wall frame for fixing Alpha modules. To be assembled on 1145/52 flush-mounting box.
1168/63	**3-MODULE WALL FRAME** Wall frame for fixing Alpha modules. To be assembled on 1145/53 flush-mounting box.
1168/64	**4-MODULE WALL FRAME** Wall frame for fixing Alpha modules. To be assembled on 1145/54 flush-mounting box.

1168/61	1168/62	1168/63	1168/64

ACCESSORIES FOR WALL FRAMES AND HOUSINGS

1168/401	HOOD 1 ROW

REFERENCES

HOUSINGS WITH WALL FRAME FOR SURFACE WALL MOUNTING

1168/311	1-MODULE HOUSING WITH WALL FRAME
1168/312	2-MODULE HOUSING WITH WALL FRAME
1168/313	3-MODULE HOUSING WITH WALL FRAME
1168/314	4-MODULE HOUSING WITH WALL FRAME

| 1168/311 | 1168/312 | 1168/313 | 1168/314 |

FLUSH-MOUNTING FRAMES

1168/611	**1-MODULE 1-ROW FRAME** To complete the flush mounting of a single Alpha audio or audio/video module with 1 or 2 buttons.
1168/612	**2-MODULE 1-ROW FRAME** To complete the flush mounting of an Alpha entry panel with two modules on one row.
1168/613	**3-MODULE 1-ROW FRAME** To complete the flush mounting of an Alpha entry panel with three modules on one row.
1168/614	**4-MODULE 1-ROW FRAME** To complete the flush mounting of an Alpha entry panel with four modules on one row.
1168/624	**4-MODULE 2-ROW FRAME** To complete the flush mounting of an Alpha entry panel with four modules on two rows.
1168/626	**6-MODULE 2-ROW FRAME** To complete the flush mounting of an Alpha entry panel with 6 modules on two rows.
1168/639	**9-MODULE 3-ROW FRAME** To complete the flush mounting of an Alpha entry panel with nine modules on three rows.

| 1168/611 | 1168/612 | 1168/613 | 1168/614 |

a:pha

FLUSH-MOUNTING VERSION

45 mm
1.77 in

45 mm / 1.77 in — 118 mm / 4.64 in

H1 — 114 / 204 / 294 / 384 mm / 4.48 / 8.03 / 11.57 / 15.11 in

247 mm / 9.72 in

H1 — 114 / 204 / 294 / 384 mm / 4.48 / 8.03 / 11.57 / 15.11 in

376 mm / 14.8 in

H1 — 114 / 204 / 294 / 384 mm / 4.48 / 8.03 / 11.57 / 15.11 in

125 mm / 4.92 in

H2 — 126 / 217 / 306 / 396 mm / 4.96 / 8.54 / 12.04 / 15.59 in

254 mm / 10 in

H2 — 126 / 217 / 306 / 396 mm / 4.96 / 8.54 / 12.04 / 15.59 in

383 mm / 15.07 in
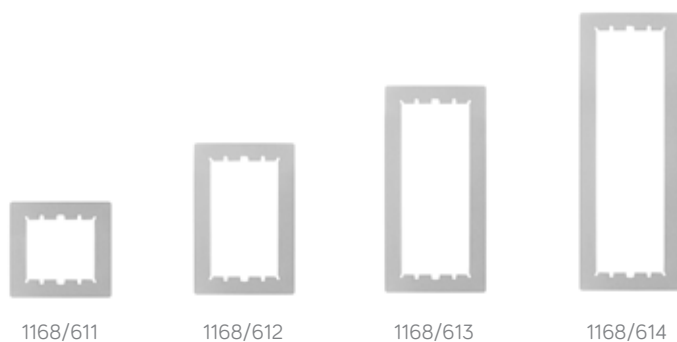
H2 — 126 / 217 / 306 / 396 mm / 4.96 / 8.54 / 12.04 / 15.59 in
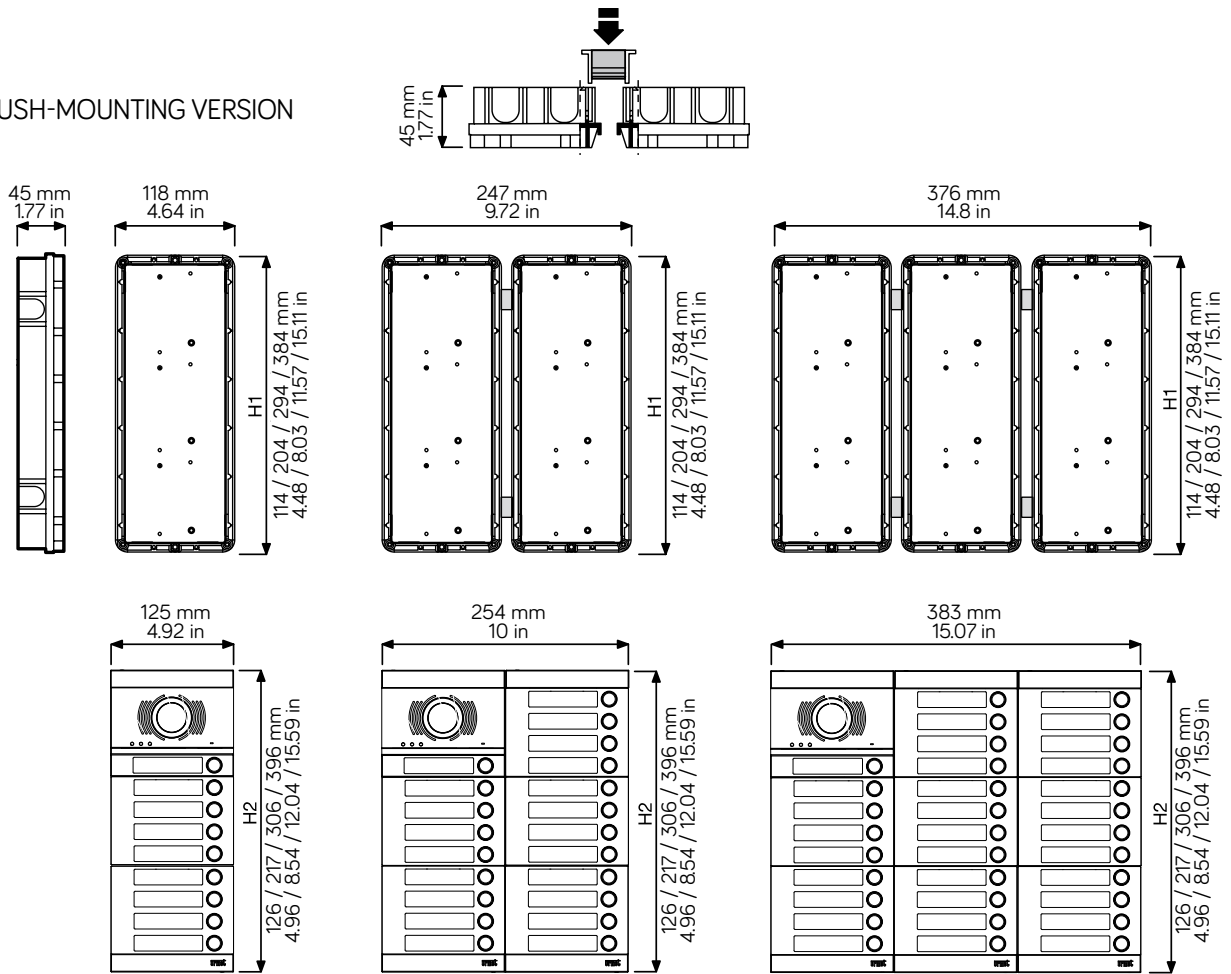
NOTE: H1= 114, 204, 294, 384 mm (4.48, 8.03, 11.57, 15.11 in) indicates flush mounting height and H2= 126, 217, 306, 396 mm (4.96, 8.54, 12.04, 15.59 in) indicates total height relative to 1, 2, 3 and 4 modules versions.

WALL MOUNTING VERSION

125 mm / 4.92 in

H3 — 126 / 217 / 306 / 396 mm / 4.96 / 8.54 / 12.04 / 15.59 in

254 mm / 10 in

H3 — 126 / 217 / 306 / 396 mm / 4.96 / 8.54 / 12.04 / 15.59 in

383 mm / 15.07 in

H3 — 126 / 217 / 306 / 396 mm / 4.96 / 8.54 / 12.04 / 15.59 in

NOTE: H3 referred to the total height may differ according to the number of modules that the case may contain.

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2Voice system

Power supply

2

Entry panel

2Voice doorphone diagram
1 audio doorphone column
with 1 audio door unit

2VOICE AUDIO SYSTEM WITH ALPHA

NUMBER OF USERS	2VOICE KIT 1183/622	1145/51	1145/52	1145/53	1145/54	1168/61	1168/62	1168/63	1168/64	1168/401	1168/130	1168/131	1168/132	1168/4	1168/12	1168/13	1168/14	1168/50	MIRO 1183/5
2	1	1				1				1			1						
3	1		1			1				1	1			1		1			1
4	1		1			1				1	1			1			1		2
6	1			1			1			1	1			2	1		1		4
8	1			1			1			1	1			2			2		6
9	1			1			1			1		1		2			2		7
10	1		2				2			2	1			3	1		2		8
12	1				1			1	1	1				3			3		10
14	1			2			2			2	1			4	1		3	1	12
15	1			2			2			2	1			4		1	3	1	13
16	1			2			2			2	1			4			4	1	14
18	1			2			2			2	1			5	1		4		16
20	1			2			2			2	1			5			5		18
21	1			2			2			2		1		5			5		19
22	1				2			2		2	1			6	1		5	1	20
24	1				2			2		2	1			6			6	1	22
27	1				2			2		2	1			7		1	6		25
28	1				2			2		2	1			7			7		26
30	1			3			3			3	1			8	1		7		28

2Voice system

4-user distributor

Power supply

Entry panel

2Voice video doorphone diagram
1 video doorphone column
with 1 video door unit

2VOICE VIDEO SYSTEM WITH ALPHA

NUMBER OF USERS	2VOICE KIT 1783/724	1145/52	1145/53	1145/54	1168/62	1168/63	1168/64	1168/401	1168/140	1168/141	1168/4	1168/12	1168/13	1168/14	1168/50	1083/55	MIRO 1750/1	MIRO VV 1750/6	AIKO 1716/2	VMODO 1719/1
2	1	1			1			1	1		1	1				1	2	2	2	2
3	1	1			1			1	1		1		1			1	3	3	3	3
4	1	1			1			1	1		1			1		1	4	4	4	4
6	1		1			1		1	1		2	1		1		2	6	6	6	6
8	1		1			1		1	1		2			2		2	8	8	8	8
9	1		1			1		1		1	2			2		3	9	9	9	9
10	1			1			1	1	1		3	1		2		3	10	10	10	10
12	1			1			1	1	1		3			3		3	12	12	12	12
14	1		2			2		2	1		4	1		3	1	4	14	14	14	14
15	1		2			2		2	1		4		1	3	1	4	15	15	15	15
16	1		2			2		2	1		4			4	1	4	16	16	16	16
18	1		2			2		2	1		5	1		4		5	18	18	18	18
20	1		2			2		2	1		5			5		5	20	20	20	20
21	1		2			2		2		1	5			5		6	21	21	21	21
22	1			2		2	2	1			6	1		5	1	6	22	22	22	22
24	1			2		2	2	1			6			6	1	6	24	24	24	24
27	1			2		2	2	1			7		1	6		7	27	27	27	27
28	1			2		2	2	1			7			7		7	28	28	28	28
30	1		3			3		3	1		8	1		7		8	30	30	30	30

2Voice system

2Voice video doorphone diagram
1 video doorphone column
with 2 video door units

2VOICE VIDEO SYSTEM WITH ALPHA

NUMBER OF USERS	2VOICE KIT 1783/724	2VOICE KIT 1783/738	1145/52	1145/53	1145/54	1168/62	1168/63	1168/64	1168/401	1168/140	1168/141	1168/4	1168/12	1168/13	1168/14	1168/50	1083/55	MÌRO 1750/1	MÌRO VV 1750/6	AIKO 1716/2	VMODO 1719/1
2	1	1	2			2			2	2		2	2				1	2	2	2	2
3	1	1	2			2			2	2		2		2			1	3	3	3	3
4	1	1	2			2			2	2		2			2		1	4	4	4	4
6	1	1		2			2		2	2		4	2		2		2	6	6	6	6
8	1	1		2			2		2	2		4			4		2	8	8	8	8
9	1	1		2			2		2		2	4			4		3	9	9	9	9
10	1	1			2			2	2	2		6	2		4		3	10	10	10	10
12	1	1			2			2	2	2		6			6		3	12	12	12	12
14	1	1		4			4		4	2		8	2		6	2	4	14	14	14	14
15	1	1		4			4		4	2		8		2	6	2	4	15	15	15	15
16	1	1		4			4		4	2		8			8	2	4	16	16	16	16
18	1	1		4			4		4	2		10	2		8		5	18	18	18	18
20	1	1		4			4		4	2		10			10		5	20	20	20	20
21	1	1		4			4		4		2	10			10		6	21	21	21	21
22	1	1			4			4	4	2		12	2		10	2	6	22	22	22	22
24	1	1			4			4	4	2		12			12	2	6	24	24	24	24
27	1	1			4			4	4	2		14		2	12		7	27	27	27	27
28	1	1			4			4	4	2		14			14		7	28	28	28	28
30	1	1		6			6		6	2		16	2		14		8	30	30	30	30

2Voice system

4-user
distributor

2   2

2   2

2

Column
interface

Power supply   2   2   Secondary video
outdoor station

2

Power supply

2

Main video
outdoor
station

ALPHA VIDEO OUTDOOR
STATION: MAIN OUTDOOR
STATION WITH DIGITAL
KEYPAD

2VOICE KIT 1783/733	1168/401	1145/53	1168/63	1168/140
1	1	1	1	1

2Voice system

2Voice video doorphone diagram
1 main digital video door unit
on N columns with 1 secondary
video unit on each one

4-user distributor · Power supply · Column interface · Secondary video outdoor station · To the following risers
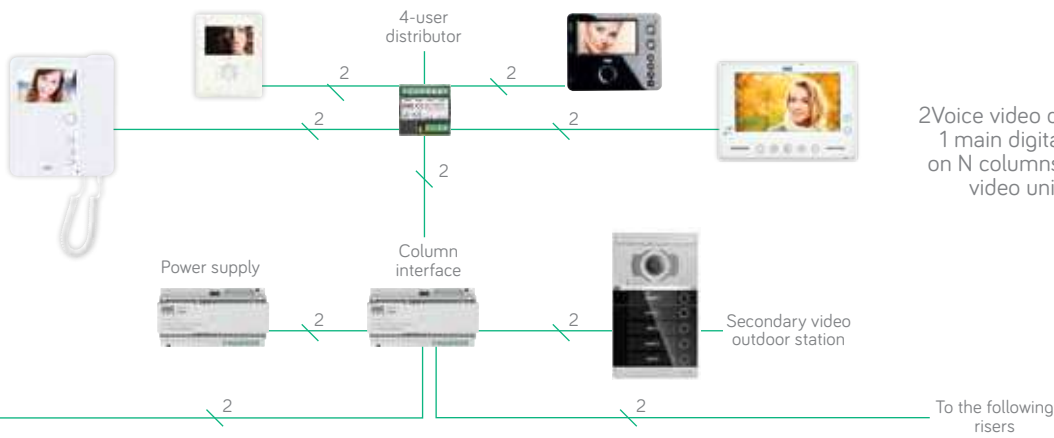
2VOICE VIDEO SYSTEM WITH ALPHA: SECONDARY OUTDOOR STATION

NUMBER OF USERS	2VOICE KIT 1783/738	1145/52	1145/53	1145/54	1168/62	1168/63	1168/64	1168/401	1168/140	1168/141	1168/4	1168/12	1168/13	1168/14	1168/50	1083/55	MIRO 1750/1	MIRO VV 1750/6	AIKO 1716/2	VMODO 1719/1
2	1	1			1			1	1		1	1				1	2	2	2	2
3	1	1			1			1	1		1		1			1	3	3	3	3
4	1	1			1			1	1		1			1		1	4	4	4	4
6	1		1			1		1	1		2	1		1		2	6	6	6	6
8	1		1			1		1	1		2			2		2	8	8	8	8
9	1		1			1		1		1	2			2		3	9	9	9	9
10	1			1			1	1	1		3	1		2		3	10	10	10	10
12	1			1			1	1	1		3			3		3	12	12	12	12
14	1		2			2		2	1		4	1		3	1	4	14	14	14	14
15	1		2			2		2	1		4		1	3	1	4	15	15	15	15
16	1		2			2		2	1		4			4	1	4	16	16	16	16
18	1		2			2		2	1		5	1		4		5	18	18	18	18
20	1		2			2		2	1		5			5		5	20	20	20	20
21	1		2			2		2		1	5			5		6	21	21	21	21
22	1			2		2		2	1		6	1		5	1	6	22	22	22	22
24	1			2		2		2	1		6			6	1	6	24	24	24	24
27	1			2		2		2	1		7		1	6		7	27	27	27	27
28	1			2		2		2	1		7			7		7	28	28	28	28
30	1		3			3		3	1		8	1		7		8	30	30	30	30

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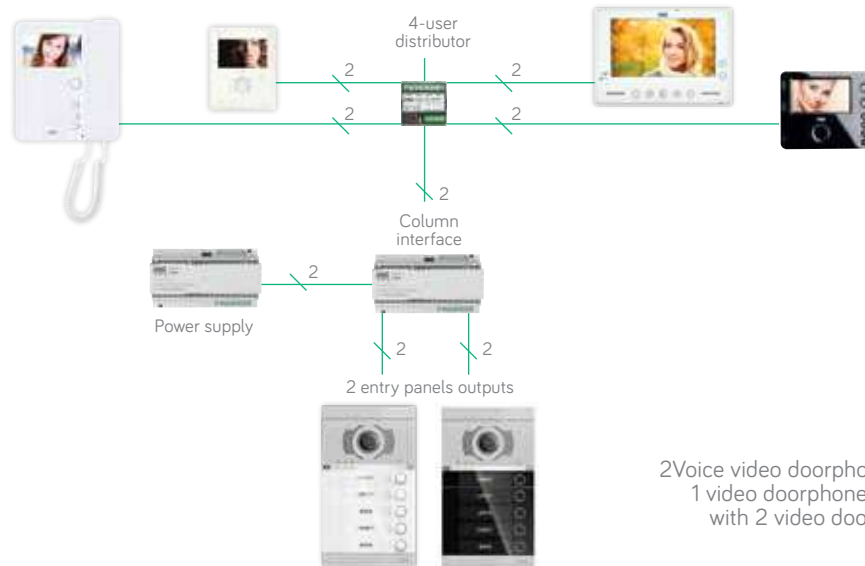
SINTHESI
steel

Sinthesi Steel is the polished steel antivandal entry panel aided by tampering and impact resistance (IK09 degree).
Sinthesi Steel can be flush-mounted, wall-mounted in appropriate housing boxes which are compatible with Sinthesi's modularity.
Wiring of digital systems is done with simple flat cables.
Sinthesi Steel may also be used as a system upgrade, since it features Sinthesi's outdoor analogue stations interface as well as Urmet's **Sinthesi** and **K-Steel** flush-mounting boxes.

Modules can be combined at will.
The panel has snap-on assembly, the only screws are located on the outer frame.
Thanks to speech synthesis modules, LED indicator module and interface modules for induction loop antenna for hearing-aid users, disabled persons, the visually-impaired and the hearing impaired can use the system normally. Proximity and access control modules provide keyless entry functionality for entrance gates and doors.

Digital version with control panels and bright display

Possible addition of digital modules or access control modules

Name tag replacement, electrical measurements and audio adjustments possible with no need to access the wiring area

Back-lit name tags and buttons

Camera module

Call feedback with LED turning on

Prodel
URMET|GROUP
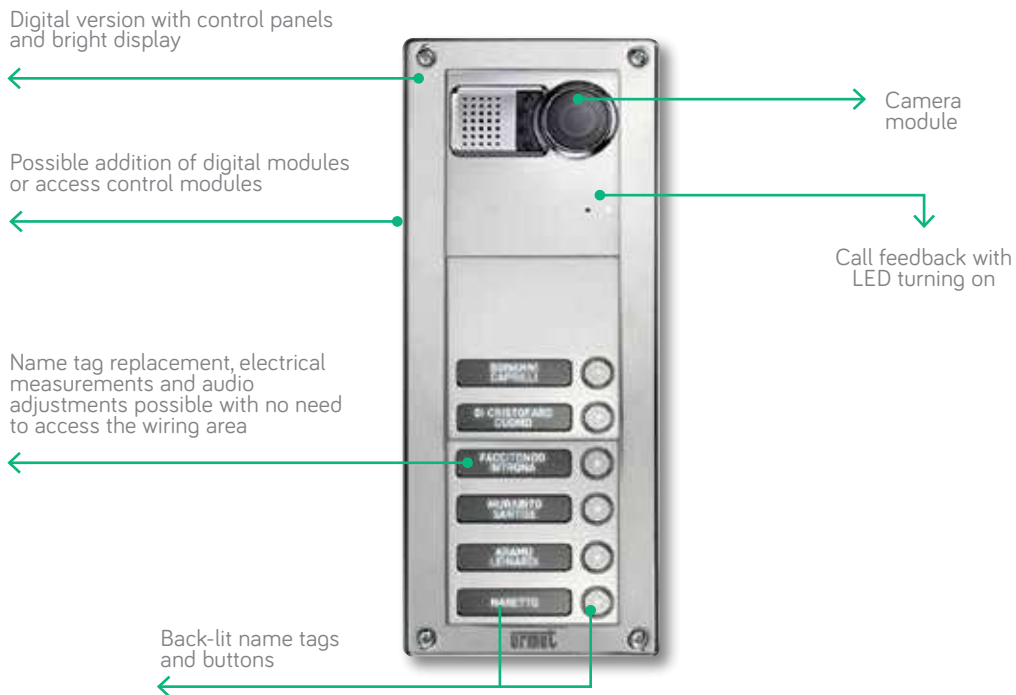
Sinthesi Steel is available with the new PVD colour finishes.
For more information, please contact the sales network.

COMPATIBLE WITH
iPercom | iPervoice | 2voice | Coax | 5 WIRES | 4+N | 1+N

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FEATURES
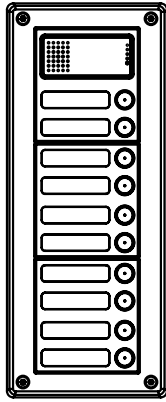
> Vandal resistant steel body, with flush buttons
> Compatible with Sinthesi and K-Steel flush-mounting boxes
> Wide-angle camera 120°
> White back-lighting and customizable name tag colours
> Mechanical impact resistance degree: IK09
> Compatible with analogue sinthesi outdoor stations
> Pre-wired modules
> IP45 protection degree
  (ingress of solid objects and water)

REFERENCES

		NO. OF BTNS	2 VOICE	COAX	5 WIRES	4+N	1+N	
BUTTON MODULES AND MODULES PRE-ARRANGED WITH LOUDSPEAKING UNIT								
1158/20	Module pre-arranged with loudspeaking unit	0		●	●	●	●	
1158/21	Module pre-arranged with loudspeaking unit	1		●	●	●	●	
1158/22	Module pre-arranged with loudspeaking unit	2	●	●		●	●	
1158/11	Button module	1	●	●	●	●	●	
1158/12	Button module	2	●	●	●	●	●	
1158/13	Button module	3	●	●	●	●	●	

NOTE: Module dimensions (W x H) 90 x 90 mm - 3.54 x 3.54 in.
Name tag dimensions (W x H) 67 x 12.5 mm - 2.63 x 0.49 in except for module with 2 button rows
sized (W x H) 40 x 12.5 mm - 1.57 x 0.49 in and 1148/50 building number module.

sinthesi
steel

		NO. OF BTNS	2 VOICE	COAX	5 WIRES	4+N	1+N	
BUTTON MODULES AND MODULES PRE-ARRANGED WITH LOUDSPEAKING UNIT								
1158/14	Button module	4	●	●	●	●	●	
1158/50	Building number module	~	●	●	●	●	●	
1158/59	Blank module	~	●	●	●	●	●	
1158/82	2-button module with integrated expander	2	●					
1158/84	4-button module with integrated expander	4	●					

NOTE: Module dimensions (W x H) 90 x 90 mm - 3.54 x 3.54 in.
Name tag dimensions (W x H) 67 x 12.5 mm - 2.63 x 0.49 in except for module with 2 button rows
sized (W x H) 40 x 12.5 mm - 1.57 x 0.49 in and 1148/50 building number module.

REFERENCES

		NO. OCCUPIED MODULES	2VOICE	COAX	5 WIRES	4+N	1+N	

LOUDSPEAKING UNIT AND MODULE WITH LOUDSPEAKING UNIT

1145/500	Entry panel	-		●		●		
1145/67	Entry panel	-			●		●	

NOTE: To be matched to modules pre-arranged with loudspeaking unit

1083/64	**2VOICE AUDIO MODULE WITH 2 BUTTONS AND LOUDSPEAKING UNIT** On a single Sinthesi Steel module, it is provided with microphone, loudspeaker and 2 call buttons. Two outputs for door release and second car entry with relay. Two inputs for local door release button and door open signalization. Dip switch to set the module address, the door open mode (free or after a call only). It's possible to set the time for the door opening. Connector for ILA module and for DDA module.	1	●					

NOTE: Module dimensions (W x H) 90 x 90 mm - 3.54 x 3.54 in.
Name tag dimensions (W x H) 67 x 12,5 mm - 2.63 x 0.49 in except for module with 2 button rows sized (W x H) 40 x 12,5 mm - 1.57 x 0.49 in and 1145/50 building number module with dimensions (W x H) 57 x 60 mm - 2.24 x 2.36 in.

1083/14	**CALL MODULE WITH 2VOICE DIGITAL NUMERICAL KEYBOARD FOR SINTHESI STEEL AND FOR EXIGO DIGITAL** 2 modules Sinthesi Steel. Equipped with alphanumeric keyboard, arrow keys to select names from electronic directory, 2-line and 16-character display. Programming using Bluetooth interface from smartphone and tablet. It can be added with a camera module for video installations.		●					
1083/63	**OUTDOOR VIDEO STATION - SINTHESI STEEL** 2Voice outdoor video station for 60 Hz system (2 modules). Features 2 call keys, colour camera with LED lighting, loudspeaker and microphone. Two outputs for door release and second car entry with relay. Recessed mount box, frame and trim not included. It's possible to connect up to 5 outdoor cameras.							

ACCESSORIES

1158/74	**CONVERSATION PRIVACY DEVICE** One every four users in 1+n audio and 5-wire video systems.
1083/17	**16-BUTTON EXPANSION MODULE FOR DIGITAL SYSTEMS** For expanding the number of call buttons on ref. 1083/62 and ref. 1083/6 module.
1758/107	**FRONT PANEL WITH ONE CALL BUTTON FOR 1083/62 MODULE**
1758/108	**FRONT PANEL WITH TWO CALL BUTTONS FOR 1083/62 AND 1060/71 MODULES**

SINTHESI
steel

		NO. OCCUPIED MODULES	NO. OF BTNS	KIT IP	IPERCOM	2VOICE	COAX	5 WIRES	
CAMERA MODULE WITH/WITHOUT LOUDSPEAKING UNIT									
1758/83	**2VOICE SINTHESI STEEL COLOUR CAMERA MODULE** ➤ Color camera module with LED lighting ➤ Jumper selection for 50-60Hz operation mode ➤ To be used with ref.1083/64 in video door phone systems	1	-			●			
1758/40	**2VOICE SINTHESI STEEL COLOUR CAMERA MODULE** ➤ Color camera module with LED lighting ➤ Jumper selection for 50-60Hz operation mode ➤ To be used with ref.1083/14 in video door phone systems	1	-				●	●	
1758/49	**2VOICE SINTHESI STEEL COLOUR CAMERA MODULE** Same specification as ref. 1758/40 but for 60Hz system	1	-				●	●	
1060/71	**IP VILLA KIT COLOUR CAMERA MODULE WITH LOUDSPEAKING UNIT AND 1 BUTTON** To be used to expand the Ref. 1060/611 one family kit with other entrance. PoE power supply. Frame and embedded box are not included.	2	1	●					
1060/74	**IPERCOM VIDEO OUTDOOR PANEL - SINTHESI STEEL** Sinthesi Steel design style (2 modules). Includes colour camera with lighting. 2 call keys and loudspeaking unit. Handles 2 electric locks; features hallway pushbutton and door open warning. Frame and embedded box are not included.	2	2	●					

REFERENCES

		NO. OCCUPIED MODULES	
SPECIAL MODULES			
1158/47	DDA Stainless steel module with call feedback with voice messages and LED for system status check. Compliant with ETS300381 and EN60118 European standards.	1	
1158/48	Stainless steel module, door phone conversation can be heard by the hearing impaired.	1	

NOTE: Module dimensions (W x H) 90 x 90 mm - 3.54 x 3.54 in.

		NO. OCCUPIED MODULES	
DOOR-OPENER MODULES			
1158/45	**DOOR-OPENER MODULE FOR PROXIMITY KEYS** *NOTE: Compatible with all systems. Manages up to 500 keys; expandable up to 2000 keys when additional memory 1102/52 is installed. Power supply 12 Vac*	1	
1158/46	**DOOR-OPENER MODULE WITH CONTROL PANEL** *NOTE: Compatible with all systems. Stores up to 8 access codes and opens 2 electric locks independently. Monostable and bistable operation. Power supply 12 Vac*	1	

NOTE: Module dimensions (W x H) 90 x 90 mm - 3.54 x 3.54 in.

DOOR-OPENER MODULE ACCESSORIES

1125/50	KIT WITH 10 KEYS FOR 1158/45 PROXIMITY MODULE	

SINTHESI
steel

		DIMEN-SIONS (W × H × D) mm	DIMEN-SIONS (W × H × D) in	NO. MODULES	MATERIAL
FLUSH-MOUNTING BOXES AND FRAMES					
1145/51	Flush-mounting box	118 x 114 x 45	4.64 x 4.48 x 1.77	1	Plastic
1145/52	Flush-mounting box	118 x 204 x 45	4.64 x 8.03 x 1.77	2	Plastic
1145/53	Flush-mounting box	118 x 294 x 45	4.64 x 11.57 x 1.77	3	Plastic
1145/54	Flush-mounting box	118 x 384 x 45	4.64 x 15.11 x 1.77	4	Plastic
1158/41	Flush-mounting box	125 x 119	4.92 x 4.68	1	Iron
1158/42	Flush-mounting box	125 x 209	4.92 x 8.22	2	Iron
1158/43	Flush-mounting box	125 x 299	4.92 x 11.77	3	Iron
1158/44	Flush-mounting box	125 x 389	4.92 x 15.31	4	Iron
1158/61	Frame with module holder	125 x 119	4.92 x 4.68	1	Steel
1158/62	Frame with module holder	125 x 209	4.92 x 8.22	2	Steel
1158/63	Frame with module holder	125 x 299	4.92 x 11.77	3	Steel
1158/64	Frame with module holder	125 x 389	4.92 x 15.31	4	Steel

1145/51   1145/52   1145/53   1145/54   1158/41   1158/42   1158/43   1158/44

1158/61   1158/61   1158/62   1158/62   1158/63   1158/63   1158/64   1158/64

REFERENCES

		DIMEN-SIONS (W x H x D) mm	DIMEN-SIONS (W x H x D) in	NO. MODULES	NO. ROWS	MATERIAL
RAIN HOOD						
1158/611	Rain hood	158 x 151 x 22	6.22 x 5.94 x 0.86	1	1	Aluminium silver color
1158/612	Rain hood	158 x 241 x 22	6.22 x 9.48 x 0.86	2	1	Aluminium silver color
1158/613	Rain hood	158 x 331 x 22	6.22 x 13.03 x 0.86	3	1	Aluminium silver color
1158/614	Rain hood	158 x 421 x 22	6.22 x 16.57 x 0.86	4	1	Aluminium silver color
1158/624	Rain hood	287 x 241 x 22	11.29 x 9.48 x 0.86	4	2	Aluminium silver color
1158/626	Rain hood	287 x 331 x 22	11.29 x 13.03 x 0.86	6	2	Aluminium silver color
1158/639	Rain hood	416 x 331 x 22	16.37 x 13.03 x 0.86	9	3	Aluminium silver color

1158/611   1158/612   1158/613   1158/614   1158/626

		DIMEN-SIONS (W x H x D) mm	DIMEN-SIONS (W x H x D) in	NO. MODULES	N. ROWS	MATERIAL
WALL MOUNTING BOX WITHOUT FRAME						
1148/311	Wall mounting box with hood	157 x 151 x 59	6.18 x 5.94 x 2.32	1	1	Aluminium silver color
1148/312	Wall mounting box with hood	157 x 241 x 59	6.18 x 9.48 x 2.32	2	1	Aluminium silver color
1148/313	Wall mounting box with hood	157 x 331 x 59	6.18 x 13.03 x 2.32	3	1	Aluminium silver color
1148/314	Wall mounting box with hood	157 x 421 x 59	6.18 x 16.57 x 2.32	4	1	Aluminium silver color
1148/324	Wall mounting box with hood	286 x 241 x 59	11.25 x 9.48 x 2.32	4	2	Aluminium silver color
1148/326	Wall mounting box with hood	286 x 331 x 59	11.25 x 13.03 x 2.32	6	2	Aluminium silver color
1148/339	Wall mounting box with hood	416 x 331 x 59	16.37 x 13.03 x 2.32	9	3	Aluminium silver color

1148/311   1148/312   1148/313   1148/314   1148/324   1148/326

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Technical information

FRAMES, EMBEDDING BOXES

MODULES

	H3
For 1 module	151,5 mm
For 2 modules	241,5 mm
For 3 modules	331,5 mm
For 4 modules	421,5 mm

	H3
For 1 module	5.96 in
For 2 modules	9.50 in
For 3 modules	13.05 in
For 4 modules	16.59 in

	H1	H2
For 1 module	117 mm	127 mm
For 2 modules	207 mm	217 mm
For 3 modules	297 mm	307 mm
For 4 modules	387 mm	397 mm

	H1	H2
For 1 module	4.6 in	5 in
For 2 modules	8.14 in	8.54 in
For 3 modules	11.69 in	12.08 in
For 4 modules	15.23 in	15.62 in

54

2Voice system

Power supply

Entry panel
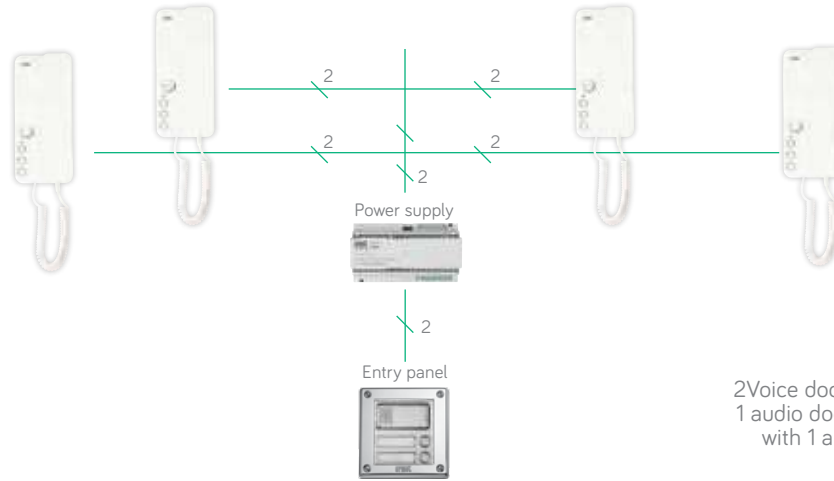
2Voice doorphone diagram
1 audio doorphone column
with 1 audio door unit

AUDIO SYSTEM WITH SINTHESI STEEL

NUMBER OF USERS	2VOICE KIT 1183/603	1158/62	1158/63	1158/64	1158/11	1158/12	1158/13	1158/14	1158/50	1145/52	1145/53	1145/54	1083/17	MÌRO 1183/5
2	1													
3	1	1			1					1			1	1
4	1	1				1				1			1	2
6	1	1						1		1			1	4
8	1		1			1		1			1		1	6
9	1		1				1	1			1		1	7
10	1		1					2			1		1	8
12	1	2					1	2		2			1	10
14	1	2						3		2			1	12
15	1		2		1			3	1		2		1	13
16	1		2			1		3	1		2		1	14
18	1		2					4	1		2		1	16
20	1		2			1		4			2		2	18
21	1		2				1	4			2		2	19
22	1		2					5			2		2	20
24	1			2	1			5	1			2	2	22
27	1			2		1		6				2	2	25
28	1			2			1	6				2	2	26
30	1			2				7				2	2	28

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2Voice system

2Voice video doorphone diagram
1 video doorphone column
with 1 video door unit

2VOICE VIDEO SYSTEM WITH SINTHESI STEEL

NUMBER OF BUTTONS	2VOICE SINTHESI STEEL KIT 1783/705	1158/62	1158/63	1158/64	1158/11	1158/12	1158/13	1158/14	1158/50	1145/52	1145/53	1145/54	1083/55	1038/17	MIRO 1750/1	MIRO VV 1750/5-1750/6	AIKO 1716/2	VMODO 1719/1
2	1	1								1			1		2	2	2	2
3	1		1		1						1		1	2	3	3	3	3
4	1		1			1					1		1	2	4	4	4	4
6	1		1					1			1		2	2	6	6	6	6
8	1	2				1		1	2				2	2	8	8	8	8
9	1	2					1	1	2				3	2	9	9	9	9
10	1	2						2	2				3	2	10	10	10	10
12	1		2			1		2	1		2		3	2	12	12	12	12
14	1		2					3	1		2		4	2	14	14	14	14
15	1		2		1			3			2		4	2	15	15	15	15
16	1		2			1		3			2		4	2	16	16	16	16
18	1		2					4			2		5	2	18	18	18	18
20	1			2	1			4	1			2	5	2	20	20	20	20
21	1			2			1	4	1			2	6	4	21	21	21	21
22	1			2				5	1			2	6	4	22	22	22	22
24	1			2	1			5				2	6	4	24	24	24	24
27	1		3		1			6			3		7	4	27	27	27	27
28	1		3			1		6			3		7	4	28	28	28	28
30	1		3					7			3		8	4	30	30	30	30

2Voice system

2Voice video doorphone diagram
1 video doorphone column
with 2 video door units

Labels in diagram: 4-user distributor · Column interface · Power supply · 2 entry panels outputs

2VOICE VIDEO SYSTEMS WITH SINTHESI STEEL

NUMBER OF BUTTONS	2VOICE SINTHESI STEEL KIT 1783/705	2 VOICE SINTHESI STEEEL KIT 1783/719	1158/62	1158/63	1158/64	1158/11	1158/12	1158/13	1158/14	1158/50	1145/52	1145/53	1145/54	1083/55	1038/17	MIRO 1750/1	MIRO VV 1750/5-1750/6	AIKO 1716/2	VMODO 1719/1
2	1		2								2			1		2	2		
3	1			2		2						2		1	2	1	3	1	1
4	1			2			2					2		1	2	2	4	2	2
6	1			2				2				2		2	2	4	6	4	4
8	1		4				2	2					4	2	2	6	8	6	6
9	1		4					2	2				4	3	2	7	9	7	7
10	1		4						4				4	3	2	8	10	8	8
12	1			4			2		4	2		4		3	2	10	12	10	10
14	1			4					6	2		4		4	2	12	14	12	12
15	1			4			2		6			4		4	2	13	15	13	13
16	1			4			2		6			4		4	2	14	16	14	14
18	1			4					8			4		5	2	16	18	16	16
20	1				4		2		8	2	4			5	2	18	20	18	18
21	1				4		2		8	2	4			6	4	19	21	19	19
22	1				4				10	2	4			6	4	20	22	20	20
24	1				4		2		10		4			6	4	22	24	22	22
27	1			6			2		12			6		7	4	25	27	25	25
28	1			6			2		12			6		7	4	26	28	26	26
30	1			6					14			6		8	4	28	30	28	28

2Voice system

4-user distributor

2   2

2   2

2

Column interface

Power supply

2   2

2

Secondary video outdoor station

Power supply

2

2Voice video doorphone diagram
1 main digital video door unit
on N columns with 1 secondary
video unit on each one

Main video outdoor station

4-user distributor

2   2

2   2

2

Power supply   Column interface

2   2

Secondary video outdoor station

2   2   To the following risers

2Voice system

SINTHESI STEEL VIDEO ENTRY PANEL: MAIN OUTDOOR VIDEO ENTRY PANEL WITH DIGITAL KEYBOARD

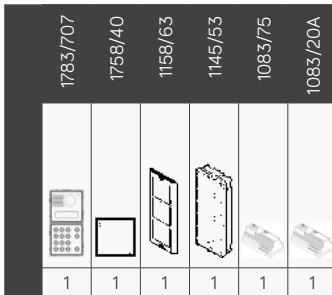| 1783/707	1758/40	1158/63	1145/53	1083/75	1083/20A
1	1	1	1	1	1
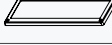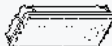
LAYOUT OF EACH SECONDARY COLUMN

NUMBER OF USERS	2 VOICE KIT 1783/719	1158/62	1158/63	1158/64	1158/11	1158/12	1158/13	1158/14	1158/50	1145/52	1145/53	1145/54	1083/55	1083/17	MIRO 1750/1	AIKO 1716/2	MIRO VV 1750/5-1750/6	VMODO 1719/1
2	1	1						1			1						2	2
3	1		1		1					1	1	1			1	1	3	3
4	1		1			1				1	1	1			2	2	4	4
6	1		1					1		1	2	1			4	4	6	6
8	1	2				1		1	2		2	1			6	6	8	8
9	1	2					1	1	2		3	1			7	7	9	9
10	1	2						2	2		3	1			8	8	10	10
12	1		2			1		2	1	2	3	1			10	10	12	12
14	1		2					3	1	2	4	1			12	12	14	14
15	1		2	1				3		2	4	1			13	13	15	15
16	1		2			1		3		2	4	1			14	14	16	16
18	1		2					4		2	5	1			16	16	18	18
20	1			2		1		4	1		5	2			18	18	20	20
21	1			2			1	4	1		6	2			19	19	21	21
22	1			2				5	1		6	2			20	20	22	22
24	1			2		1		5			6	2			22	22	24	24
27	1		3		1			6		3	7	2			25	25	27	27
28	1		3			1		6		3	7	2			26	26	28	28
30	1		3					7		3	8	2			28	28	30	30

Coax video doorphone systems

SINTHESI STEEL ENTRY PANEL WITH COLOUR CAMERA: FROM 1 TO 20 BUTTONS (SIGNO, NEXO2)

NO. BUTTONS			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER SUPPLY	789/5B		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SIGNO	1740/90		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	1740/40		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NEXO2	1708/2		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
LOUDSPEAKING UNIT	1145/500		-	1	-	-	-	1	-	-	-	1	-	-	-	1	1	1	-	1	-	-
MODULE FOR LOUDSPEAKING UNIT	1158/22		-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	1	-	1	-	-
	1158/20		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
CAMERA MODULE WITH LOUDSPEAKING UNIT	1758/91		1	-	1	1	1	-	1	1	1	-	1	1	1	-	-	-	1	-	1	1
CAMERA MODULE	1758/40		-	1	-	-	-	1	-	-	-	1	-	-	-	1	1	1	-	1	-	-
FRAMES AND MODULE HOLDER	1158/64		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1158/63		-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2
	1158/62		-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1158/61		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1158/59		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1158/50		-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-
	1158/14		-	-	-	-	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4
	1158/13		-	-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	1
	1158/12		-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1	-
	1158/11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMBEDDING BOXES	1145/54		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1145/53		-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2
	1145/52		-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/51		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

4+N doorphone systems
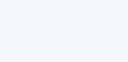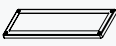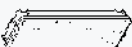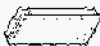
SINTHESI STEEL ENTRY PANEL: FROM 1 TO 20 BUTTONS (MÌRO DOORPHONE)

NO. BUTTONS			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MÌRO	1150/1		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER SUPPLY	786/11		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FRAMES AND MODULE HOLDERS	1158/64		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1158/63		-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2
	1158/62		-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1158/61		1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1158/59		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1158/50		-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-
	1158/14		-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5
	1158/13		-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-
	1158/12		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1158/11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUDSPEAKING UNIT	1145/500		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MODULES ARRANGED FOR LOUDSPEAKING UNIT	1158/22		-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
	1158/21		1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-
	1158/20		-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1
EMBEDDING BOXES	1145/54		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1145/53		-	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2
	1145/52		-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/51		1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

5-wire video doorphone systems

SINTHESI STEEL ENTRY PANEL WITH COLOUR CAMERA: FROM 1 TO 20 BUTTONS (SIGNO, NEXO2)

NO. BUTTONS			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER SUPPLY	789/5B		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SIGNO	1740/955		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	1740/40		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NEXO2	1708/955		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	1708/2		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VIDEO DISTRIBUTOR	955/40		-	-	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5
LOUDSPEAKING UNIT	1145/67		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MODULE FOR LOUDSPEAKING UNIT	1158/21		1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-
	1158/20		-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1
CAMERA MODULE	1758/40		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SECRECY OF CONVERSATION	1158/74		-	-	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	5	5
FRAMES AND MODULE HOLDERS	1158/64		-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	2	2	2
	1158/63		-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	2	-	-	-
	1158/62		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1158/50		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	1	1	1
	1158/14		-	-	-	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	5
	1158/13		-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	1	-
	1158/12		-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
EMBEDDING BOXES	1145/54		-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	2	2	2
	1145/53		-	1	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	2	-	-
	1145/52		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1+N doorphone systems

SINTHESI STEEL ENTRY PANEL: FROM 1 TO 20 BUTTONS (MÌRO DOORPHONE)

NO. BUTTONS			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MÌRO	1150/35		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER SUPPLY	9000/230		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FRAMES WITH MODULE HOLDERS	1158/64		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1158/63		-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2
	1158/62		-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1158/61		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1158/50		-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-
	1158/14		-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5
	1158/13		-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-
	1158/12		-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
	1158/11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SECRECY OF CONVERSATION	1157/74		-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5
LOUDSPEAKING UNIT	1145/67		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MODULES ARRANGED FOR LOUDSPEAKING UNIT	1158/21		1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-
	1158/20		-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1
EMBEDDING BOXES	1145/54		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1145/53		-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2
	1145/52		-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/51		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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elekta

Elekta is the digital entry panel with a black glass body and soft touch commands.
Available for IPERCOM/IPERVOICE and 2VOICE systems. Countless functions are presented on an aesthetically pleasing 3.5" colour display. Video door phone functions are supplemented with all advanced functions: call from name directory, door or gate opening through alphanumeric keyboard and built-in proxy key reader, video message with customisable logo (*), route indication from entry gate to selected residence (*). Elekta is flush-mounted.

(*) only for IPERVOICE system

Manages 2 inputs

Proximity key or key code door opening

Flush-mounted installation

Standard wide-angle colour camera with presence detector

3.5" colour TFT display

Alphanumeric keypad

COMPATIBLE WITH

REFERENCES

		2VOICE	IPERVCOM	IPERVOICE	
ENTRY PANELS					
1083/15	ELEKTA CALL MODULE FOR 2VOICE SYSTEM WITH SOFT-TOUCH FRONTAL PANEL 3,5" TFT color monitor with alphanumeric keyboard, colour camera with lighting and proximity key reader built-in. Scratchproof glass frontal. Requires Sinthesi 3-modules emebedding box 1145/53.	●			
1083/25	ELEKTA CALL MODULE FOR 2VOICE SYSTEM WITH SOFT-TOUCH FRONTAL PANEL Same specification ad ref. 1083/15 but for 60Hz system, no proximity key reader.	●			
1060/13	ELEKTA CALL MODULE FOR IPERCOM AND IPERVOICE SYSTEMS WITH SOFT-TOUCH FRONTAL PANEL 3,5" TFT color monitor with alphanumeric keyboard, colour camera with lighting and proximity key reader built-in. Scratchproof glass frontal. Requires Sinthesi 3-modules emebedding box 1145/53.		●	●	
1060/12	ELEKTA CALL MODULE FOR IPERCOM AND IPERVOICE SYSTEMS WITH SOFT-TOUCH FRONTAL PANEL Same specification as ref. 1060/13 but for 60Hz system.		●	●	
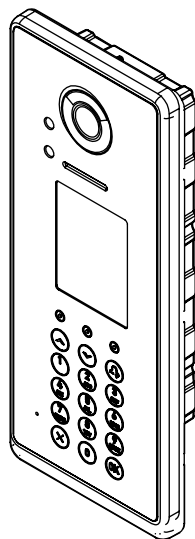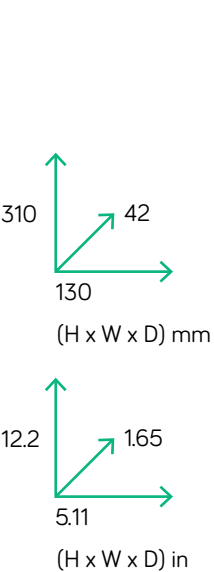
FEATURES

310 / 42
130
(H x W x D) mm

12.2 / 1.65
5.11
(H x W x D) in

> Dimensions (H x W x D) 310 x 130 x 42 mm
12.2 x 5.11 x 1.65 in
> 3.5" colour display
> Voice messages for ongoing operations
> Indication of absence and audio / video message recording
> Door open detection
> Duress
> Black body with glossy finishing
> Glass frontal with soft touch technology
> Presence detection with switch-on of the entry panel
> Customized courtesy messages
> Compliant with EU ETS300381 and EN60118 regulations on T-mode hearing aid devices

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elekta
steel

Elekta Steel is the vandal resistant version of the IP digital entry panel Elekta. Elekta Steel has a one-piece polished steel body with flush moving elements: this design concept dramatically reduces the possibility of damage. It features **IK09** impact resistance degree and **IP45** protection degree against the infiltration of liquids and fine dust.
Elekta Steel requires flush installation and is secured to the wall with special Torx screws.
As ELEKTA version, it is available for IPERCOM/IPERVOICE and 2VOICE systems.

Manages
2 inputs

Standard wide-angle
colour camera
with presence detector

3.5" colour
TFT display

Flush-mounted
installation

Alphanumeric
keypad

Vandal resistant
steel entry panel

Prodel
URMET|GROUP

Elekta Steel is available with the PVD colour finishes.
For more information, please contact the sales network.

COMPATIBLE WITH

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		2VOICE	IPERVCOM	IPERVOICE	
1083/16	ELEKTA STEEL VANDAL-PROOF CALL MODULE FOR 2VOICE SYSTEM Front panel made of vandal-proof stainless steel, alphanumeric keypad, colour camera with lighting and embedded proximity key reader for access control. Stainless steel front panel IP45. Requires metal 3-modules embedded box 1158/43.	●			
1083/26	ELEKTA STEEL VANDAL-PROOF CALL MODULE FOR 2VOICE SYSTEM Same specification as re. 1083/16 but for 60Hz system	●			
1060/18	ELEKTA STEEL VANDAL-PROOF CALL MODULE FOR IPERCOM AND IPERVOICE SYSTEMS Front panel made of vandal-proof stainless steel, alphanumeric keypad, colour camera with lighting and embedded proximity key reader for access control. Stainless steel front panel IP45. Requires metal 3-modules embedded box 1158/43.		●	●	
1060/17	ELEKTA STEEL VANDAL-PROOF CALL MODULE FOR IPERCOM AND IPERVOICE SYSTEMS Same specification as ref. 1060/18 but for 60Hz system.		●	●	
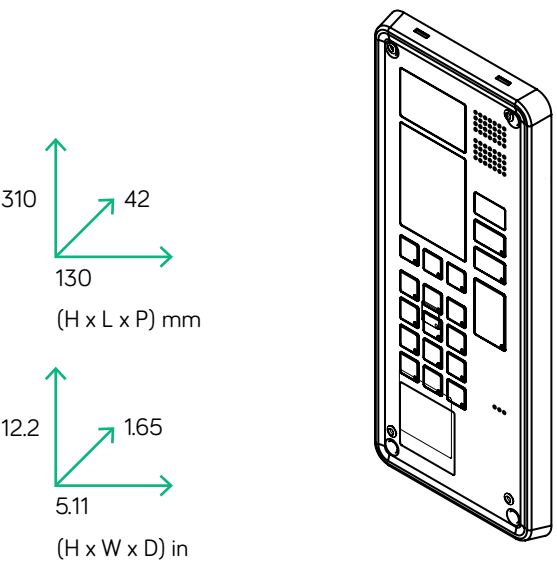
FEATURES

310 / 42 / 130
(H x L x P) mm

12.2 / 1.65 / 5.11
(H x W x D) in

> Dimensions (H x W x D) 310 x 130 x 42 mm
  12.2 x 5.11 x 1.65 in
> 3.5" colour display
> Voice messages for ongoing operations
> Indication of absence and audio / video message recording
> Door open detection
> Duress
> Presence detection with switch-on of the entry panel
> Customized courtesy messages
> Polished Steel vandal-resistant entry panel
> Compliant with EU ETS300381 and EN60118 regulations on T-mode hearing aid devices

SINTHESI
S2

Sinthesi S2 is compatible with **Sinthesi** or **K-Steel** flush-mounting boxes and uses the same analogue outdoor stations as Sinthesi. Modules can be combined at will. The panel has snap-on assembly. Sinthesi S2 has an aluminium finishing with IP 42 protection degree against dust and water ingress. The wide-angle camera has a 120° tilting angle.
The modules with proximity reader allow authorized people quick access by magnetic key. Sinthesi's speech module

and LED signalling module (compatible with hearing aids switched to the "T" position) allow the hearing impaired or blind people to join in the conversation.
Proximity and access control modules allow the opening of doors and gates without use of keys. Thanks to its simplified wiring it is easier to replace name tags and carry out audio and video adjustments even after the entry panel has been installed.

Digital version available with control panels and bright display

Camera module

Name tag replacement, electrical measurements and audio adjustments possible with no need to access the wiring area

Call feedback with LED turning on

Back-lit name tags and buttons

Possible addition of digital modules or access control modules

Prodel
URMET|GROUP

Sinthesi S2 is available with the new PVD colour finishes.
For more information, please contact the sales network.

COMPATIBLE WITH | Per Voice | 2 Voice | 5 Wires | Coax | 4 +N | 1 +N

FEATURES
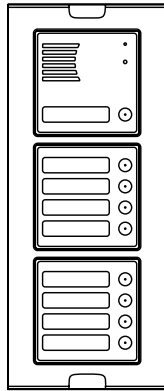
> Aluminium in polished steel colour
> Green LED back-lighting
> Functions increasing security and access to people with disabilities
> IP42 protection class
> Retrofitting compatibility with Sinthesi
> Camera unit with colour camera

REFERENCES

		NO. OF BTNS	N. OF BTN ROWS	2 VOICE	IPERVOICE	COAX	5 WIRES	4+N	1+N	
BUTTON MODULES AND MODULES PRE-ARRANGED WITH LOUDSPEAKING UNIT										
1148/20	Module pre-arranged with loudspeaking unit	0	-		●	●	●	●	●	
1148/21	Module pre-arranged with loudspeaking unit	1	1		●	●	●	●	●	
1148/22	Module pre-arranged with loudspeaking unit	2	1		●	●		●	●	
1148/32	Module pre-arranged with loudspeaking unit	2	2		●	●	●	●	●	
1148/34	Module pre-arranged with loudspeaking unit	4	2		●	●		●		
1148/11	Button module	1	1	●	●	●	●	●	●	

NOTE: Module dimensions (L x W) 90 x 90 mm - 3.54 x 3.54 in
Name tag dimensions (H x W) 67 x 12,5 mm - 2.63 x 0.49 in, except for module with buttons on two rows, with dimensions (L x W) 40 x 12,5 mm - 1.57 x 0.49 in and 1145/50 house number module with dimensions (W x H) 57 x 60 mm - 2.24 x 2.36 in.

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sinthesi S2

		NO.OF BTNS	N.OF BTN ROWS	2VOICE	IPERVOICE	COAX	5 WIRES	4+N	1+N	
BUTTON MODULES AND MODULES PRE-ARRANGED WITH LOUDSPEAKING UNIT										
1148/12	Button module	2	1	●		●	●	●	●	
1148/13	Button module	3	1	●		●	●	●	●	
1148/14	Button module	4	1	●		●	●	●	●	
1148/18	Button module	8	2	●		●		●		
1148/50	Building number module	-	-	●		●	●	●	●	
1148/59	Blank module	-	-	●		●	●	●	●	

NOTE: Module dimensions (L x W) 90 x 90 mm - 3.54 x 3.54 in
Name tag dimensions (H x W) 67 x 12,5 mm - 2.63 x 0.49 in, except for module with buttons on two rows, with dimensions (L x W) 40 x 12,5 mm - 1.57 x 0.49 in and 1145/50 house number module with dimensions (W x H) 57 x 60 mm - 2.24 x 2.36 in.

2020 GENERAL CATALOGUE　　**urmet**

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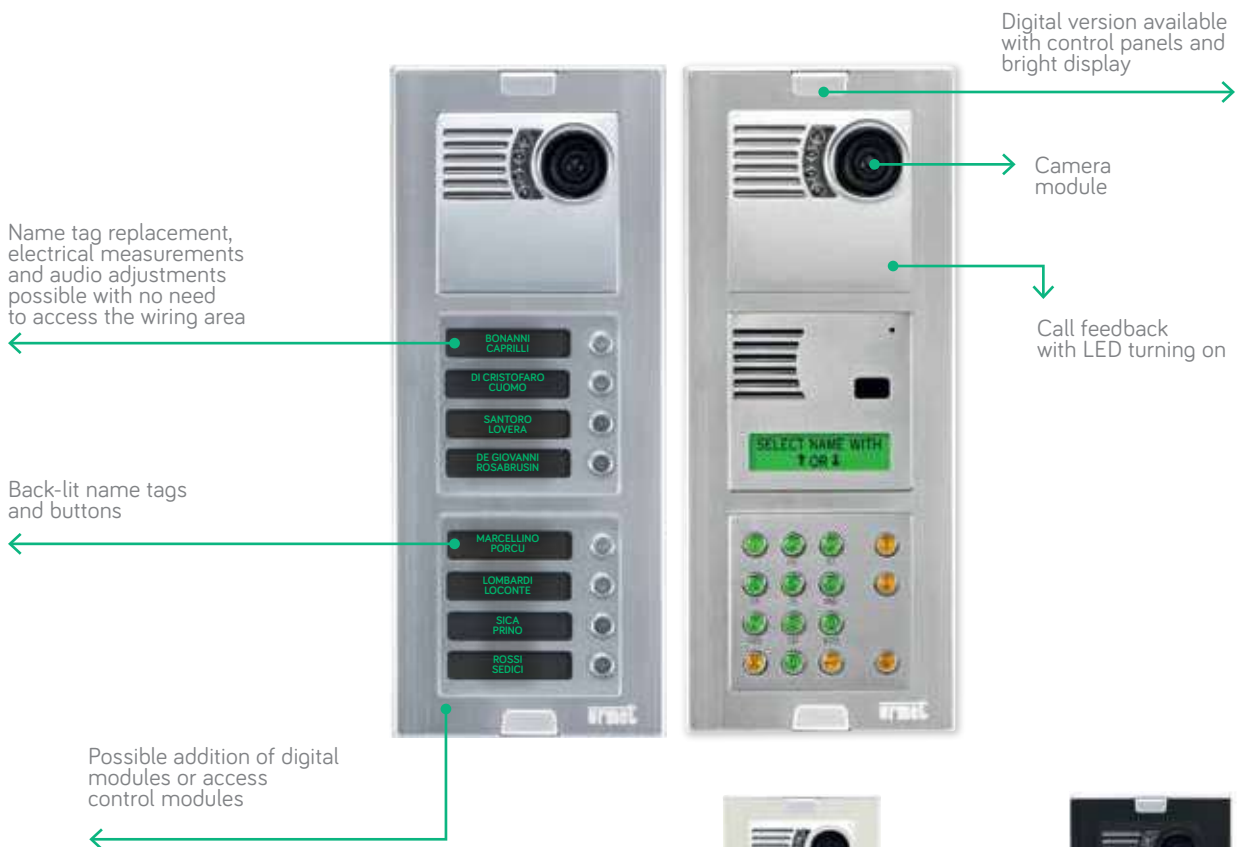FIRE DETECTION

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REFERENCES

		NO. OCCUPIED MODULES	2VOICE	IPERVOICE	COAX	5 WIRES	4+N	1+N	
OUTDOOR STATIONS AND MODULES WITH INTEGRATED LOUDSPEAKING UNIT									
1145/500	Entry panel *NOTE: To be matched to modules pre-arranged with loudspeaking unit*	-			●		●		
1145/67	Entry panel *NOTE: To be matched to modules pre-arranged with loudspeaking unit*	-				●		●	
1083/9	**AUDIO LOUDSPEAKING UNIT MODULE - SINTHESI S2** 2Voice audio loudspeaking unit on Sinthesi S2 design (2 modules). Features 2 call keys, loudspeaking unit and microphone. It manages 2 door opener outputs for pedestrian gate or driveway. Recessed mount box, frame and trim not included. Allows to connect an external analog CCTV camera as a call video door phone camera.	2	●						
1083/74	**2VOICE AUDIO MODULE WITH 2 BUTTONS - SINTHESI S2** On a single Sinthesi S2 module, it is provided with microphone, loudspeaker and 2 call buttons. Two outputs for door release and second car entry with relay. Two inputs for local door release button and door open signalization. Dip switch to set the module address, the door open mode (free or after a call only). It's possible to set the time for the door opening. Connector for ILA module and for DDA module	1	●						
1083/78	**2VOICE VIDEO MODULE WITH 2 BUTTONS** On a single Sinthesi S2 module, it is provided with microphone, loudspeaker and 2 call buttons. Two outputs for door release and second car entry with relay. Two inputs for local door release button and door open signalization. Dip switch to set the module address, the door open mode (free or after a call only). It's possible to set the time for the door opening. Connector for ILA module and for DDA module. Provision fro connection up to 5 outdoor cameras.	1	●						
1083/19	**DIGITAL CALL MODULE WITH 2VOICE CONTROL PANEL FOR SINTHESI S2 AND EXIGO DIGITAL** Size equivalent to 2 Sinthesi S2 modules. Features alphanumeric control panel, arrow keys to select names from electronic director, 2 line 16-character display. Bluetooth interface for programming from mobile phone/smartphone/PDA. It can be combined with camera to set up video call stations.	-	●						

NOTE: Module dimensions (L x W) 90 x 90 mm - 3.54 x 3.54 in
Name tag dimensions (H x W) 67 x 12,5 mm - 2.63 x 0.49 in, except for module with buttons on two rows, with dimensions (L x W)
40 x 12,5 mm - 1.57 x 0.49 in and 1145/50 house number module with dimensions (W x H) 57 x 60 mm - 2.24 x 2.36 in.

SINTHESI S2

		CAMERA TYPE	NO. MODULES	NO. OF BTNS	2VOICE	IPERVOICE	COAX	5 WIRES	

CAMERA MODULE WITH AND WITHOUT LOUDSPEAKING UNIT

		CAMERA TYPE	NO. MODULES	NO. OF BTNS	2VOICE	IPERVOICE	COAX	5 WIRES	
1748/83	**2VOICE CAMERA MODULE WITH LOUDSPEAKING UNIT** > Colour camera module with LED light > Jumper selection for 50-60Hz operation mode > To be used with ref. 1083/74 in video door phone systems	2	2		●				
1748/40	**2VOICE CAMERA MODULE WITH LOUDSPEAKING UNIT** > Colour camera module with LED light > Jumper selection for 50-60Hz operation mode > To be used with ref. 1083/19 in video door phone systems	1	-				●	●	
1748/49	**2VOICE CAMERA MODULE WITH LOUDSPEAKING UNIT** Same specification as ref 1748/40 but for 60Hz system.	1	-				●	●	
1748/42	**CAMERA MODULE WITH LOUDSPEAKING UNIT**	1	1				●		
1039/78	**IPERVOICE OUTDOOR VIDEO STATION WITH KEYS - SINTHESI S2, EXIGO AND TITANIUM** Sinthesi S2 design style (2 modules). Includes colour camera with lighting. 2 call keys and audio module. Handles 2 electric locks; features hallway pushbutton and door open warning. Trim and recessed box are not included. included.	2	2			●			
1039/79	**IPERVOICE OUTDOOR VIDEO STATION WITH KEYS - SINTHESI S2, EXIGO AND TITANIUM** Same specification as Ref. 1039/78 but for 60Hz system.	2	2			●			

NOTE: Module dimensions (L x W) 90 x 90 mm - 3.54 x 3.54 in
Name tag dimensions (H x W) 67 x 12,5 mm - 2.63 x 0.49 in, except for module with buttons on two rows, with dimensions (L x W) 40 x 12,5 mm - 1.57 x 0.49 in and 1145/50 house number module with dimensions (W x H) 57 x 60 mm - 2.24 x 2.36 in.

ACCESSORIES

1158/74	**CONVERSATION PRIVACY DEVICE** One every four users in 1+n audio and 5-wire video doorphone systems.
1742/13A	**CAMERA ADAPTER DEVICE** This is used to adapt a camera with video signal on coax cable in VOP systems
1083/17	**16-BUTTON EXPANSION MODULE FOR DIGITAL SYSTEMS** To be used with 2Voice and IPerVoice modules for expanding the number of call buttons.

REFERENCES

SPECIAL MODULES

1148/47

SINTHESI S2 DDA ANODISED ALUMINIUM
IN POLISHED STEEL COLOUR MODULE
> Anodised aluminium module in polished steel
> DDA, call feedback with voice messages and LED for system status check
> Compliant with ETS300381 and EN60118 European standards.
> No. occupied modules: 1

1148/48

SINTHESI S2 ILA ANODISED ALUMINIUM
IN POLISHED STEEL COLOUR MODULE
> Anodised aluminium module in polished steel, door phone conversation can be heard by the hearing impaired.
> No. occupied modules: 1

DOOR-OPENER MODULE

1148/45

DOOR-OPENER MODULE FOR PROXIMITY KEYS
> No. occupied modules: 1
NOTES: Compatible with all systems. Manages up to 500 keys; expandable up to 2000 keys when additional memory 1102/52 is installed. Power supply 12 Vac

1148/46

DOOR-OPENER MODULE WITH CONTROL PANEL
> No. occupied modules: 1
NOTE: Compatible with all systems. Stores up to 8 access codes and opens 2 electric locks independently. Monostable and bistable operation. Power supply 12 Vac

NOTE: Module dimensions (L x W) 90 x 90 mm - 3.54 x 3.54 in

DOOR-OPENER MODULE ACCESSORIES

1125/50   KIT WITH 10 KEYS FOR 1148/45 PROXIMITY MODULE

sinthesi
s2

		DIMENSIONS (W x H) x D) mm	DIMENSIONS (W x H) x D) in	NO. OF MODULES	MATERIAL
FLUSH-MOUNTING BOXES AND FRAMES					
1145/51	Flush-mounting box	118 x 114 x 45	4.64 x 4.48 x 1.77	1	Plastic
1145/52	Flush-mounting box	118 x 204 x 45	4.64 x 8.03 x 1.77	2	Plastic
1145/53	Flush-mounting box	118 x 294 x 45	4.64 x 11.57 x 1.77	3	Plastic
1145/54	Flush-mounting box	118 x 384 x 45	4.64 x 15.11 x 1.77	4	Plastic
1148/61	Frame with module holder	125 x 119	4.92 x 4.68	1	Aluminium
1148/62	Frame with module holder	125 x 209	4.92 x 8.22	2	Aluminium
1148/63	Frame with module holder	125 x 299	4.92 x 11.77	3	Aluminium
1148/64	Frame with module holder	125 x 389	4.92 x 15.31	4	Aluminium

1145/51   1145/52   1145/53   1145/54

1148/61   1148/61   1148/62   1148/62   1148/63   1148/63   1148/64   1148/64
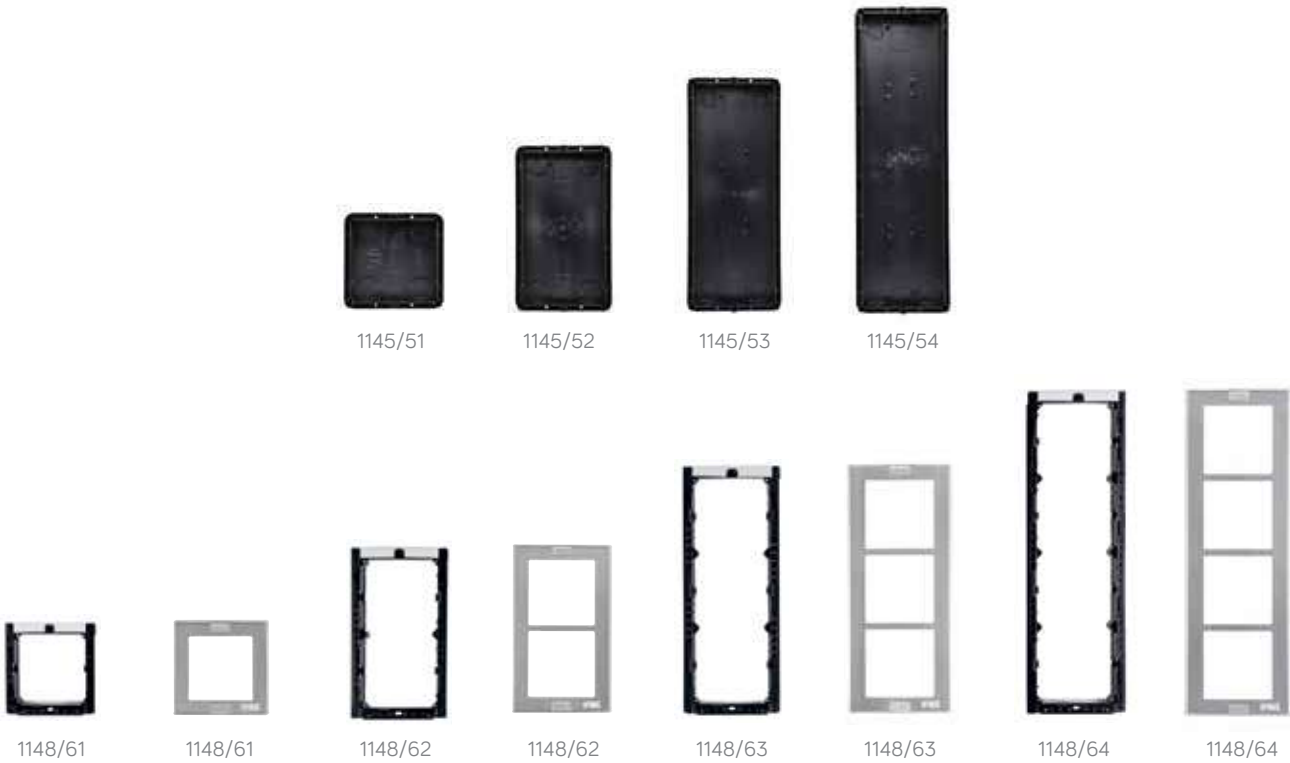
REFERENCES

		DIMEN-SIONS (W x H x D) mm	DIMEN-SIONS (W x H x D) in	NO. OF MODULES	NO. OF ROWS	MATERIAL
RAIN HOOD						
1158/611	Rain hood	158 x 151 x 22	6.22 x 5.94 x 0.86	1	1	Aluminium silver color
1158/612	Rain hood	158 x 241 x 22	6.22 x 9.48 x 0.86	2	1	Aluminium silver color
1158/613	Rain hood	158 x 331 x 22	6.22 x 13.03 x 0.86	3	1	Aluminium silver color
1158/614	Rain hood	158 x 421 x 22	6.22 x 16.57 x 0.86	4	1	Aluminium silver color
1158/624	Rain hood	287 x 241 x 22	11.29 x 9.48 x 0.86	4	2	Aluminium silver color
1158/626	Rain hood	287 x 331 x 22	11.29 x 13.03 x 0.86	6	2	Aluminium silver color
1158/639	Rain hood	416 x 331 x 22	16.37 x 13.03 x 0.86	9	3	Aluminium silver color

1158/611 1158/612 1158/613 1158/614 1158/626

		DIMEN-SIONS (W x H x D) mm	DIMEN-SIONS (W x H x D) in	MATERIAL	NO. OF MODULES	NO. OF ROWS	FRAME
WALL MOUNTING BOX WITH FRAME							
1148/311	Wall mounting box with hood	157 x 151 x 59	6.18 x 5.94 x 2.32	Aluminium	1	1	1148/61
1148/312	Wall mounting box with hood	157 x 241 x 59	6.18 x 9.48 x 2.32	Aluminium	2	1	1148/62
1148/313	Wall mounting box with hood	157 x 331 x 59	6.18 x 13.03 x 2.32	Aluminium	3	1	1148/63
1148/314	Wall mounting box with hood	157 x 421 x 59	6.18 x 16.57 x 2.32	Aluminium	4	1	1148/64
1148/324	Wall mounting box with hood	286 x 241 x 59	11.25 x 9.48 x 2.32	Aluminium	4	2	x2 1148/62
1148/326	Wall mounting box with hood	286 x 331 x 59	11.25 x 13.03 x 2.32	Aluminium	6	2	x2 1148/63
1148/339	Wall mounting box with hood	416 x 331 x 59	16.37 x 13.03 x 2.32		9	3	x3 1148/63
1145/342	Case with hood for gate pillar 100 mm	98 x 215 x 60 external part 87 x 198 x 16 embedding part	3.85 x 8.46 x 2.36 external part 3.42 x 7.79 x 0.62 embedding part	Plastic	2	1	

1148/311 1148/312 1148/313 1148/314 1148/324 1148/326

Technical information

FRAMES, EMBEDDING BOXES
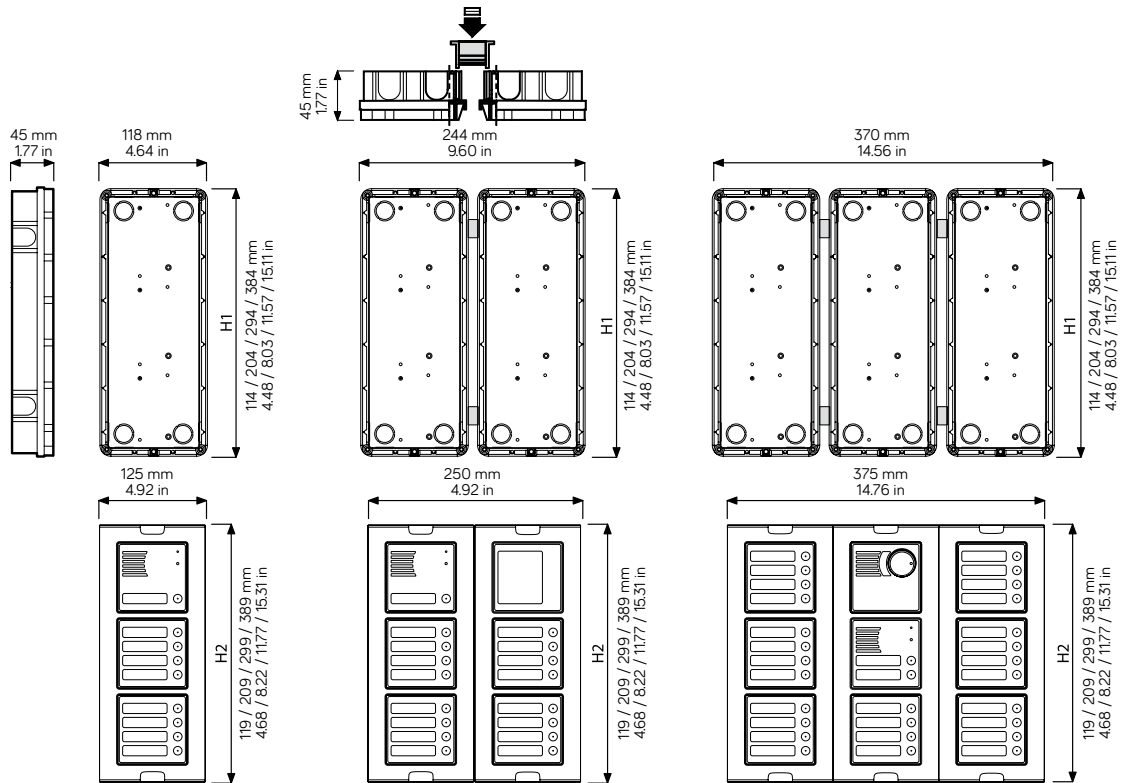
NOTE: H1=114, 204, 294, 384 mm - 4.48, 8.03, 11.57, 15.11 in indicates flush mounting height.
H2=119, 209, 299, 389 mm - 4.68, 8.22, 11.77, 15.31 in indicates total height relative to 1, 2, 3 and 4 module versions.

MODULES
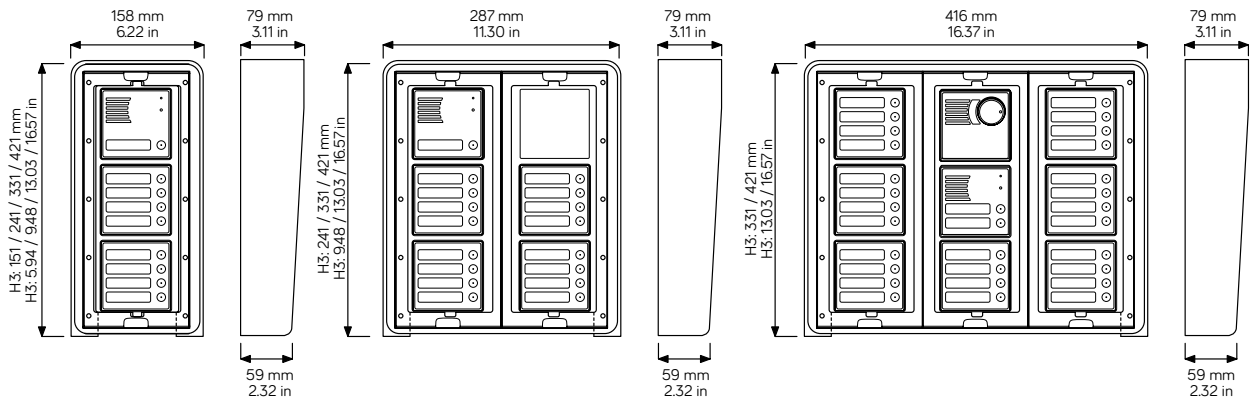
NOTE: H3 referred to the total height may differ according to the number of modules that the case may contain.

2Voice system

2VOICE DOORPHONE DIAGRAM 1 AUDIO DOORPHONE COLUMN WITH 1 AUDIO DOOR UNIT

Power supply

Entry panel
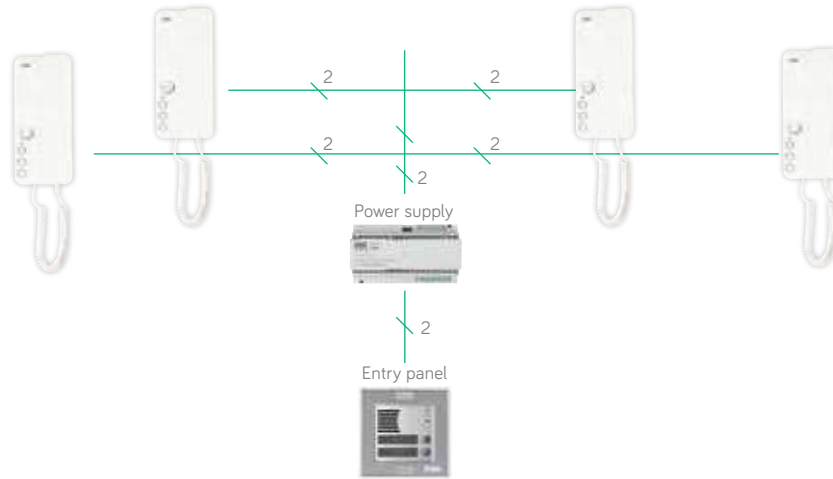
AUDIO SYSTEM WITH SINTHESI S2

NUMBER OF USERS	2VOICE KIT 1183/602	1148/62	1148/63	1148/64	1148/11	1148/12	1148/13	1148/14	1148/50	1145/52	1145/53	1145/54	1083/17	MÌRO 1183/5
2	1													
3	1	1			1					1			1	1
4	1	1				1				1			1	2
6	1	1						1		1			1	4
8	1		1			1		1			1		1	6
9	1		1				1	1			1		1	7
10	1		1					2			1		1	8
12	1	2					1	2			2		1	10
14	1	2						3			2		1	12
15	1		2		1			3	1		2		1	13
16	1		2			1		3	1		2		1	14
18	1		2					4	1		2		1	16
20	1		2			1		4			2		2	18
21	1		2				1	4			2		2	19
22	1		2					5			2		2	20
24	1			2		1		5	1			2	2	22
27	1			2			1	6				2	2	25
28	1			2		1		6				2	2	26
30	1			2				7				2	2	28

2Voice system

4-user distributor

Power supply

Entry panel

2Voice video doorphone diagram
1 video doorphone column
with 1 video door unit

VIDEO SYSTEM WITH SINTHESI S2

NUMBER OF USERS	2VOICE SINTHESI S2 KIT 1783/704	1148/62	1148/63	1148/64	1148/11	1148/12	1148/13	1148/14	1148/50	1145/52	1145/53	1145/54	1083/55	1038/17	MIRO 1750/1	MIRO VV 1750/5-1750/6	AIKO 1716/2	VMODO 1719/1
2	1	1								1			1		2	2	2	2
3	1		1		1						1		1	2	3	3	3	3
4	1		1			1					1		1	2	4	4	4	4
6	1		1					1			1		2	2	6	6	6	6
8	1	2				1		1				2	2	2	8	8	8	8
9	1	2					1	1				2	3	2	9	9	9	9
10	1	2						2				2	3	2	10	10	10	10
12	1		2			1		2	1		2		3	2	12	12	12	12
14	1		2					3	1		2		4	2	14	14	14	14
15	1		2		1			3			2		4	2	15	15	15	15
16	1		2			1		3			2		4	2	16	16	16	16
18	1		2					4			2		5	2	18	18	18	18
20	1			2		1		4	1			2	5	2	20	20	20	20
21	1			2			1	4	1			2	6	4	21	21	21	21
22	1			2				5	1			2	6	4	22	22	22	22
24	1			2		1		5				2	6	4	24	24	24	24
27	1		3		1			6			3		7	4	27	27	27	27
28	1		3			1		6			3		7	4	28	28	28	28
30	1		3					7			3		8	4	30	30	30	30

2Voice system

4-user distributor

Column interface

Power supply

2 video door units

2Voice video doorphone diagram
1 video doorphone column
with 2 video door units

VIDEO SYSTEM WITH SINTHESI S2

NUMBER OF USERS	2VOICE SINTHESI S2 KIT 1783/704	2VOICE SINTHESI S2 KIT 1783/718	1148/62	1148/63	1148/64	1148/11	1148/12	1148/13	1148/14	1148/50	1145/52	1145/53	1145/54	1083/55	1083/17	MIRO 1705/1	AIKO 1716/2	MIRO VV 1750/5-1750/6	VMODO 1719/1
2	1	1	2								2			1		2	2	2	2
3	1	1		2		2					2			1	2	3	3	3	3
4	1	1		2			2				2			1	2	4	4	4	4
6	1	1		2					2		2			2	2	6	6	6	6
8	1	1	4				2		2	4				2	2	8	8	8	8
9	1	1	4					2	2	4				3	2	9	9	9	9
10	1	1	4						4	4				3	2	10	10	10	10
12	1	1		4			2		4	2	4			3	2	12	12	12	12
14	1	1		4					6	2	4			4	2	14	14	14	14
15	1	1		4		2			6		4			4	2	15	15	15	15
16	1	1		4			2		6		4			4	2	16	16	16	16
18	1	1		4					8		4			5	2	18	18	18	18
20	1	1			4		2		8	2			4	5	2	20	20	20	20
21	1	1			4			2	8	2			4	6	4	21	21	21	21
22	1	1			4				10	2			4	6	4	22	22	22	22
24	1	1			4		2		10				4	6	4	24	24	24	24
27	1	1	6		2				12		6			7	4	27	27	27	27
28	1	1	6				2		12		6			7	4	28	28	28	28
30	1	1	6						14		6			8	4	30	30	30	30

2Voice system

4-user
distributor

2   2

2   2

2

Column interface

2   2

Power supply

2

Secondary
outdoor video
station

Power supply

2

2Voice video doorphone diagram
1 main digital video door unit
on N columns with 1 secondary video
unit on each one

Main outdoor
video station

4-user
distributor

2   2

2   2

2

Column
interface

Power supply

2   2

Secondary
outdoor video
station

2   2   To the following
risers

2Voice system

SINTHESI S2 VIDEO ENTRY PANEL:
MAIN OUTDOOR VIDEO ENTRY
PANEL WITH DIGITAL KEYBOARD

1783/703	1748/40	1148/63	1145/53
1	1	1	1
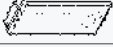
LAYOUT OF EACH SECONDARY COLUMN

NUMBER OF USERS	2 VOICE KIT 1783/718	1148/62	1148/63	1148/64	1148/11	1148/12	1148/13	1148/14	1148/50	1145/52	1145/53	1145/54	1083/55	1083/17	MIRO 1750/1	AIKO 1716/2	MIRO VV 1750/5-1750/6	VMODO 1719/1
2	1	1						1			1				2	2	2	2
3	1		1		1					1	1			1	3	3	3	3
4	1		1			1				1	1			1	4	4	4	4
6	1		1					1		1	1			1	6	6	6	6
8	1	2				1		1		2	2			1	8	8	8	8
9	1	2					1	1		2	2			1	9	9	9	9
10	1	2						2		2	2			1	10	10	10	10
12	1		2			1		2		2	3			1	12	12	12	12
14	1		2					3		2	3			1	14	14	14	14
15	1		2		1			3		2	4			1	15	15	15	15
16	1		2			1		3		2	4			1	16	16	16	16
18	1		2					4		2	4			1	18	18	18	18
20	1			2		1		4		2	5			2	20	20	20	20
21	1			2			1	4		2	5			2	21	21	21	21
22	1			2				5		2	5			2	22	22	22	22
24	1			2		1		5		2	6			2	21	21	21	24
27	1		3		1			6		3	7			2	27	27	27	27
28	1		3			1		6		3	7			2	28	28	28	28
30	1		3					7		3	8			2	30	30	30	30

Coax video doorphone system

SINTHESI S2 ENTRY PANEL WITH COLOUR CAMERA: FROM 1 TO 20 BUTTONS (COLOURED SIGNO, NEXO2)

NO. OF BUTTONS			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIGNO	1740/90		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	1740/40		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NEXO2	1708/2		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
FRAMES AND MODULE HOLDERS	1148/64		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1148/63		-	-	-	-	-	-	1	1	1	-	-	-	-	2	2	2	2	2	2	2
	1148/62		-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1148/50		-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-
	1148/14		-	-	-	-	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4
	1148/13		-	-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	1
	1148/12		-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1	-
	1148/11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMBEDDING BOXES	1145/54		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1145/53		-	-	-	-	-	-	1	1	1	-	-	-	-	2	2	2	2	2	2	2
	1145/52		-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SYSTEM BASE KIT	1748/770		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

4+N doorphone system
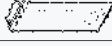
SINTHESI S2 ENTRY PANEL: FROM 1 TO 20 BUTTONS (MÌRO DOORPHONE)

NO. OF BUTTONS			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MÌRO	1150/1		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER SUPPLY	786/11		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FRAMES WITH MODULE HOLDERS	1148/64		-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-
	1148/63		-	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2
	1148/62		-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1148/61		1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1148/59		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1148/50		-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-
	1148/14		-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5
	1148/13		-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-
	1148/12		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1158/11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUDSPEAKING UNIT	1145/500		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MODULES ARRANGED FOR LOUDSPEAKING UNIT	1148/22		-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
	1148/21		1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-
	1148/20		-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1
EMBEDDING BOXES	1145/54		-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-
	1145/53		-	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2
	1145/52		-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/51		1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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5-wire video doorphone system

SINTHESI S2 ENTRY PANEL WITH COLOUR CAMERA: FROM 1 TO 20 BUTTONS

NO. OF BUTTONS			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIGNO	1740/955		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	1740/40		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
NEXO2	1708/955		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	1708/2		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
VIDEO DISTRIBUTOR	955/40		-	-	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	5	5
SECRECY OF CONVERSATION	1145/74		-	-	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	5	5
FRAMES AND MODULE HOLDERS	1148/64		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
	1148/63		-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	2	-	-
	1148/62		-	-	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1148/59		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1148/50		-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	1	1
	1148/14		-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5
	1148/13		-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-
	1148/12		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1148/11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMBEDDING BOXES	1145/54		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
	1145/53		-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	2	-	-
	1145/52		-	-	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-	-	-
SYSTEM BASE KIT	1745/795		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1+N doorphone system

SINTHESI S2 ENTRY PANEL: FROM 1 TO 20 BUTTONS (MÌRO DOORPHONE)

NO. OF BUTTONS			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
MÌRO	1150/35		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
POWER SUPPLY	9000/230		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FRAMES WITH MODULE HOLDERS	1148/64		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1148/63		-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2
	1148/62		-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1148/61		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1148/59		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1148/50		-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-
	1148/14		-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5
	1148/13		-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-
	1148/12		-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
	1148/11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SECRECY OF CONVERSATION	1157/74		-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5
LOUDSPEAKING UNIT	1145/67		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
MODULES ARRANGED FOR LOUDSPEAKING UNIT	1148/22		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1148/21		1	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-
	1148/20		-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1
EMBEDDING BOX	1145/54		-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1145/53		-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2
	1145/52		-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/51		1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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exigo|exigo DIGITAL

Urmet has created a timeless line of **entry panels** that are guaranteed to stand the test of time. The quality of materials and treatment technology have made it possible to achieve this goal: the brass entry panel blanks are first electro-plated and then undergo PVD treatment.
Exigo, which boasts soft classic shapes and luxury materials with accurate finishes, is the ideal panel for signing entrances to historic and valuable buildings. There are many finishes available, including polished brass, satin finish and new colour variants. Engraving is possible on nameplates (available in brass or anthracite PVC) and also on the panel fronts, with the possibility to choose between 2 typefaces.

Screw with same finishing

Camera

High quality finishes

High-efficiency LEDs for back-lit name tags

FEATURES

> Compatible with the digital systems and all analogue systems
> Available colour finishes: 9010 RAL white, 9007 RAL alluminium, 8028 RAL corten, micaceous iron, 9005 RAL black
> Retrofits to all Urmet entry panels and to third-party entry panels at request

COMPATIBLE WITH

Systems and tailored aesthetics

Prodel
URMET|GROUP

PVD TREATMENT

Prodel, is the only company in the sector which undertakes the whole **PVD** production cycle in-house. The anticorrosion and anti-oxidation PVD treatment gives maximum robustness on audio and video versions. Available in polished brass, satin-finished brass or in custom finishes of **gunmetal grey**, **bronze**, **copper and brass**.

DOUBLE TREATMENT BY ELECTROCHEMICAL TITANIUM PVD AND ELECTRO-PLATING

■ Electro-chemical titanium PVD treatment
▨ Electro-plating
▨ Front panel fully made from top-quality watchmaking brass

PVD - Polished brass (LO)

PVD - Satin-finished brass (SO)

PVD - Gun metal grey polished brass (LF)

PVD - Gun metal grey satin-finished brass (SF)

PVD - Copper bronze polished brass (LB)

PVD - Copper bronze satin-finished brass (SB)

FEATURES

> Maximum customization: engraving on brass with two type-faces (Aero and SL43) and the possibility of engraving both upper and lower parts of the front panel
> Anti-corrosion process
> Anti-oxidation process
> PVD layer lends the utmost resistance to weathering agents
> 3 PVD colours
> Full surface treatment including buttons, nameplates and screws

Example of engraving with Aero character

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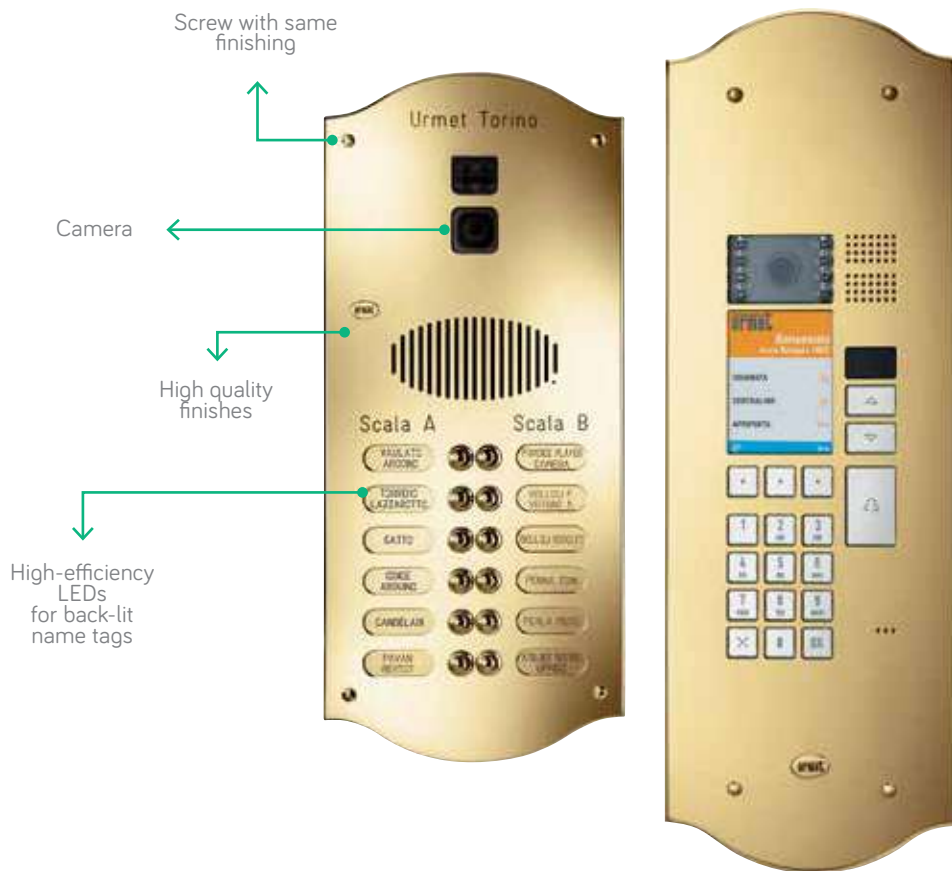
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exigo audio

BRASS-COATED POLISHED AUDIO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 1145
(flush-mounting box not included)

PRODEL FRONT PANEL	URMET FLUSH MOUNTING BOX	N.O OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (MM)	LUSH MOUNTING BOX DIMENSIONS (IN)	2VOICE	4+N	1+N
PT2185/101*	1145/51	1	1	132 X 187	5.19 x 7.36	118 x 114 x 45	4.64 x 4.48 x 1.77		●	
PT2185/102*	1145/51	2	1	132 X 187	5.19 x 7.36	118 x 114 x 45	4.64 x 4.48 x 1.77		●	
PT2143/101	1145/52 + 1143/60	1	1	136 X 270	5.35 x 10.62	118 x 204 x 60	4.64 x 8.03 x 2.36	●	●	●
PT2143/102	1145/52 + 1143/60	2	1	136 X 270	5.35 x 10.62	118 x 204 x 60	4.64 x 8.03 x 2.36	●	●	●
PT2143/103	1145/53 + 1143/60	3	1	136 X 360	5.35 x 14.17	118 x 294 x 60	4.64 x 11.57 x 2.36	●	●	●
PT2143/104	1145/53 + 1143/60	4	1	136 X 360	5.35 x 14.17	118 x 294 x 60	4.64 x 11.57 x 2.36	●	●	●
PT2143/105	1145/53 + 1143/60	5	1	136 X 360	5.35 x 14.17	118 x 294 x 60	4.64 x 11.57 x 2.36	●	●	●
PT2143/106	1145/53 + 1143/60	6	1	136 X 360	5.35 x 14.17	118 x 294 x 60	4.64 x 11.57 x 2.36	●	●	●

Uses 4+n outdoor station 824/500

Please add to the PT code the letter equivalent to the selected coloration: "LB"= PVD COPPER BRONZE POLISHED BRASS, "LF"= PVD GUN METAL GREY POLISHED BRASS, "LO"= PVD POLISHED BRASS, "SB"= PVD COPPER BRONZE SATIN-FINISHED BRASS, "SF"= PVD GUN METAL GREY SATIN-FINISHED BRASS, "SO"= PVD SATIN-FINISHED BRASS, "VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"= RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK

PT2185/101   PT2185/102   PT2143/101   PT2143/102   PT2143/103   PT2143/104   PT2143/105   PT2143/106

BRASS-COATED POLISHED AUDIO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 625
(flush-mounting box not included)

PRODEL FRONT PANELL	PRODEL FLUSH MOUNTING BOX	N.O OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (MM)	FLUSH MOUNTING BOX DIMENSIONS (IN)	2VOICE	4+N	1+N
PT2121/208	PT2121/608	8	2	206 X 364	8.11 x 14.33	186 X 284 X 55	7.32 x 11.18 x 2.16	●	●	●
PT2121/210	PT2121/610	10	2	206 X 364	8.11 x 14.33	186 X 284 X 55	7.32 x 11.18 x 2.16	●	●	●
PT2121/212	PT2121/612	12	2	206 X 392	8.11 x 15.43	186 X 312 X 55	7.32 x 12.28 x 2.16	●	●	●
PT2121/214	PT2121/614	14	2	206 X 420	8.11 x 16.53	186 X 340 X 55	7.32 x 13.38 x 2.16	●	●	●
PT2121/216	PT2121/616	16	2	206 X 448	8.11 x 17.63	186 X 368 X 55	7.32 x 14.48 x 2.16	●	●	●
PT2121/218	PT2121/618	18	2	206 X 476	8.11 x 18.74	186 X 396 X 55	7.32 x 15.59 x 2.16	●	●	●
PT2121/220	PT2121/620	20	2	206 X 504	8.11 x 19.84	186 X 424 X 55	7.32 x 16.69 x 2.16	●	●	●

Please add to the PT code the letter equivalent to the selected coloration: "LB"= PVD COPPER BRONZE POLISHED BRASS, "LF"= PVD GUN METAL GREY POLISHED BRASS, "LO"= PVD POLISHED BRASS, "SB"= PVD COPPER BRONZE SATIN-FINISHED BRASS, "SF"= PVD GUN METAL GREY SATIN-FINISHED BRASS, "SO"= PVD SATIN-FINISHED BRASS, "VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"=RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK

PT2121/208   PT2121/210   PT2121/212   PT2121/214   PT2121/216   PT2121/218   PT2121/220

exigo video

Prodel
URMET|GROUP

BRASS-COATED POLISHED VIDEO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 1145
(flush-mounting box not included)

PRODEL FRONT PANEL	URMET FLUSH MOUNTING BOX	N.O OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (MM)	FLUSH MOUNTING BOX DIMENSIONS (IN)	2VOICE	COAX	5 WIRES
PT2785/101*	1145/52 + 1143/60	1	1	136 x 270	5.35 x 10.62	118 x 204 x 60	4.64 x 8.03 x 2.36		●	
PT2785/102 *	1145/52 + 1143/60	2	1	136 x 270	5.35 x 10.62	118 x 204 x 60	4.64 x 8.03 x 2.36		●	
PT2743/101	1145/53 + 1143/60	1	1	136 x 360	5.35 x 14.17	118 x 294 x 60	464 x 11.57 x 2.36	●	●	●
PT2743/102	1145/53 + 1143/60	2	1	136 x 360	5.35 x 14.17	118 x 294 x 60	464 x 11.57 x 2.36	●	●	●
PT2743/103	1145/54 + 1143/60	3	1	136 x 450	5.35 x 17.71	118 x 384 x 60	464 x 15.11 x 2.36	●	●	●
PT2743/104	1145/54 + 1143/60	4	1	136 x 450	5.35 x 17.71	118 x 384 x 60	464 x 15.11 x 2.36	●	●	●
PT2743/105	1145/54 + 1143/60	5	1	136 x 450	5.35 x 17.71	118 x 384 x 60	464 x 15.11 x 2.36	●	●	●
PT2743/106	1145/54 + 1143/60	6	1	136 x 450	5.35 x 17.71	118 x 384 x 60	464 x 15.11 x 2.36	●	●	●

Uses 4+n outdoor station 824/500

Please add to the PT code the letter equivalent to the selected coloration: "LB"= PVD COPPER BRONZE POLISHED BRASS, "LF"= PVD GUN METAL GREY POLISHED BRASS, "LO"= PVD POLISHED BRASS, "SB"= PVD COPPER BRONZE SATIN-FINISHED BRASS, "SF"= PVD GUN METAL GREY SATIN-FINISHED BRASS, "SO"= PVD SATIN-FINISHED BRASS, "VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"=RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK

PT2785/101　　PT2785/102　　PT2743/101　　PT2743/102　　PT2743/103　　PT2743/104　　PT2743/105　　PT2743/106

BRASS-COATED SATIN-FINISHED VIDEO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 625
(flush-mounting box not included)

PRODEL FRONT PANEL	PRODEL FLUSH MOUNTING BOX	N.O OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (MM)	FLUSH MOUNTING BOX DIMENSIONS (IN)	2VOICE	COAX	5 WIRES
PT2721/208	PT2721/608	8	2	206 X 420	8.11 x 16.53	186 X 344 X 55	7.32 x 13.54 x 2.16	●	●	●
PT2721/210	PT2721/610	10	2	206 X 448	8.11 x 17.63	186 X 372 X 55	7.32 x 14.64 x 2.16	●	●	●
PT2721/212	PT2721/612	12	2	206 X 476	8.11 x 18.74	186 X 400 X 55	7.32 x 15.74 x 2.16	●	●	●
PT2721/214	PT2721/614	14	2	206 X 504	8.11 x 19.84	186 X 428 X 55	7.32 x 16.85 x 2.16	●	●	●
PT2721/216	PT2721/616	16	2	206 X 532	8.11 x 20.94	186 X 456 X 55	7.32 x 17.95 x 2.16	●	●	●
PT2721/218	PT2721/618	18	2	206 X 560	8.11 x 22.04	186 X 484 X 55	7.32 x 19.05 x 2.16	●	●	●
PT2721/220	PT2721/620	20	2	206 X 588	8.11 x 23.14	186 X 512 X 55	7.32 x 20.15 x 2.16	●	●	●

Please add to the PT code the letter equivalent to the selected coloration: "LB"= PVD COPPER BRONZE POLISHED BRASS, "LF"= PVD GUN METAL GREY POLISHED BRASS, "LO"= PVD POLISHED BRASS, "SB"= PVD COPPER BRONZE SATIN-FINISHED BRASS, "SF"= PVD GUN METAL GREY SATIN-FINISHED BRASS, "SO"= PVD SATIN-FINISHED BRASS, "VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"=RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK
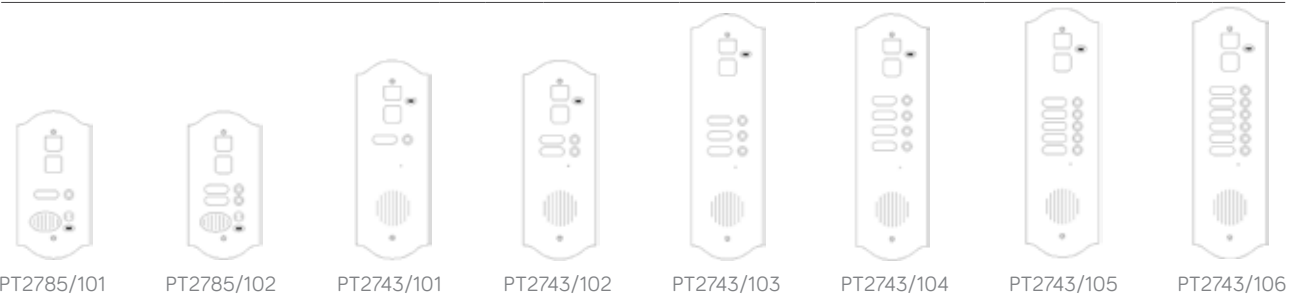

PT2721/208　　PT2721/210　　PT2721/212　　PT2721/214　　PT2721/216　　PT2721/218　　PT2721/220

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exigo

2VOICE LOUDSPEAKING UNITS

1083/8	**OUTDOOR AUDIO STATION FOR EXIGO DESIGN LINE** To use in combination with 1038/17 module (one for every 16 users).
1810/40	**COLOUR CAMERA FOR 2VOICE SYSTEM** To be used with ref. 1083/8 for Exigo, Exigo Digital and Titanium panels.
1083/19	**DIGITAL CALL MODULE FOR SINTHESI S2** **WITH 2VOICE CONTROL PANEL AND FOR EXIGO** Size equivalent to 2 Sinthesi S2 modules. Features alphanumeric control panel, arrow keys to select names from electronic director, 2 line 16-character display. Bluetooth interface for programming from mobile phone/smartphone/PDA. Can be combined with camera to set up video call stations.

4+N/COAX LOUDSPEAKING UNITS

824/500	**SLIM AUDIO LOUDSPEAKING UNIT** **FOR 1 OR 2-BUTTON EXIGO ENTRY PANEL AND TITANIUM**
1145/500	**AUDIO LOUDSPEAKING UNIT FOR SINTHESI S2** **AND SINTHESI STEEL ENTRY PANEL**
1128/500	**AUDIO LOUDSPEAKING UNIT FOR 925 ENTRY PANELS, EXIGO ENTRY PANELS WITH MORE THAN 2 BUTTONS AND TITANIUM ENTRY PANELS**
1128/510	**AUDIO LOUDSPEAKING UNIT FOR MOD. 925, 12 VAC POWER EXIGO ENTRY PANELS WITH MORE THAN 2 BUTTONS AND TITANIUM ENTRY PANELS**
5150/53	**3-WIRE AUDIO LOUDSPEAKING UNIT FOR MOD. 925 ENTRY PANELS**

1+N/5-WIRE LOUDSPEAKING UNIT

1035/67	**AUDIO LOUDSPEAKING UNIT FOR 925, EXIGO AND TITANIUM ENTRY PANELS**

1+N SYSTEM ACCESSORIES

1110/74	**CONVERSATION PRIVACY DEVICE FOR EXIGO AND TITANIUM ENTRY PANELS** One every four users.
1158/74	**CONVERSATION PRIVACY DEVICE FOR SINTHESI S2, SINTHESI STEEL, EXIGO AND TITANIUM** One every four users.

exigo digital

Prodel
URMET|GROUP

BRASS COATED POLISHED PANELS FOR FLUSH-MOUNTING EMBEDDING BOX INCLUDED

REFERENCE / MODEL	AUDIO (A) OR VIDEO (V)	CALL MODULE INCLUDED	CAMERA MODULE INCLUDED	SHAPE	FRONT PANEL DIMENSIONS	FLUSH MOUNTING BOX DIMENSIONS	2VOICE	IPERVOICE	IPERCOM	
PT1083/19/EW	A	1083/19	–	Waved	136 x 270 mm 5.35 x 10.62 in	118 x 204 x 60 mm 4.64 x 8.03 x 2.36 in	●			
PT2083/19/EW	V	1083/19	1810/40	Waved	136 x 360 mm 5.35 x 14.17 in	118 x294 x 60 mm 4.64 x 11.57 x 2.36 in	●			
PT1083/16/EW	V	1083/16	–	Waved	150 x 438 mm 5.9 x 17.24 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in	●			
PT1060/18/EW	V	1060/18	–	Waved	150 x 438 mm 5.9 x 17.24 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in		●	●	
PT1083/19/ER	A	1083/19	–	Rect.	136 x 230 mm 5.35 x 9.05 in	118 x 204 x 60 mm 4.64 x 8.03 x 2.36 in	●			
PT2083/19/ER	V	1083/19	1810/40	Rect.	136 x 320 mm 5.35 x 12.59 in	118 x 294 x 60 mm 4.64 x 11.57 x 2.36 in	●			
PT1083/16/ER	V	1083/16	–	Rect.	150 x 388 mm 5.9 x 15.27 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in	●			
PT1060/18/ER	V	1060/18	–	Rect.	150 x 388 mm 5.9 x 15.27 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in		●	●	

Please add to the PT code the letter equivalent to the selected coloration: "LB"= PVD COPPER BRONZE POLISHED BRASS, "LF"= PVD GUN METAL GREY POLISHED BRASS, "LO"= PVD POLISHED BRASS, "SB"= PVD COPPER BRONZE SATIN-FINISHED BRASS, "SF"= PVD GUN METAL GREY SATIN-FINISHED BRASS, "SO"= PVD SATIN-FINISHED BRASS, "VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"= RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK

Prodel
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Exigo entry panels are available in **PVD** version with 3 colours and in 5 **RAL** colours.

For more information, please contact Prodel +39 011-2484103 E-mail: info@prodeltorino.it

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titanium|titanium DIGITAL

Titanium is the vandal resistant entry panel compatible with **Urmet** digital systems.

Titanium panel finishing and shape are customizable to fit in the best way within the building structure. Two finishings are available polished and satin. Titanium panel size and shape are also customizable to fit with existing

embedding box and avoid expensive hand-work on the wall. Titanium is just 3 mm thick. The robust and durable structure guarantees high resistance to atmospheric agents. The panel body structured is secured by an exclusive treatment that prevents corrosion and oxidation.

Camera module

3.5" TFT colour display

Call feedback with LED signal
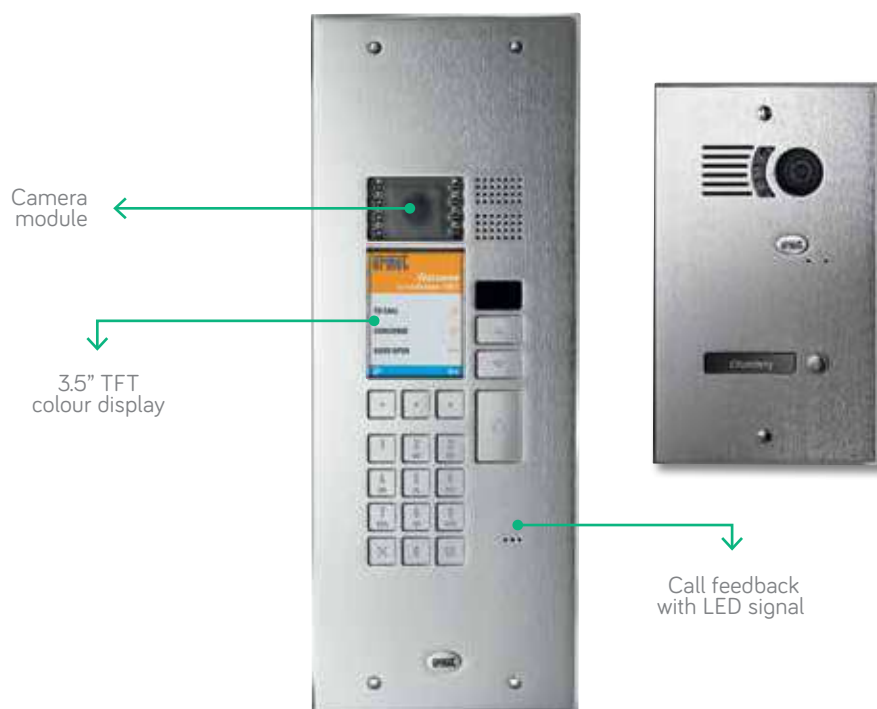
FEATURES

> Available in satin and polished finishing
> 100% customizable
> Compatible with all Urmet systems
> Antioxidation treatment
> Integration of Urmet group electronics in a single block structure panel
> Shapes and dimensions are adaptable to existing embedding box
> 3 mm thickness single block structure panel

COMPATIBLE WITH   2 VOICE |Per voice| |Per com| 5 WIRES   COAX   4 +N   1 +N

τιταηιυm audio

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BRASS-COATED AUDIO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 1145
(flush-mounting box not included)

PRODEL FRONT PANEL	URMET FLUSH MOUNTING BOX	NO OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - MM)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - IN)	2VOICE	4+N	1+N
PT2195/101*	1145/51	1	1	132 x 140	5.19 x 5.51	118 x 114 x 45	4.64 x 4.48 x 1.77		●	
PT2195/102*	1145/51	2	1	132 x 140	5.19 x 5.51	118 x 114 x 45	4.64 x 4.48 x 1.77		●	
PT2193/101	1145/52	1	1	136 x 230	5.35 x 9.05	118 x 204 x 45	4.64 x 8.03 x 1.77	●	●	●
PT2193/102	1145/52	2	1	136 x 230	5.35 x 9.05	118 x 204 x 45	4.64 x 8.03 x 1.77	●	●	●
PT2193/103	1145/53	3	1	136 x 320	5.35 x 12.59	118 x 294 x 45	4.64 x 11.57 x 1.77	●	●	●
PT2193/104	1145/53	4	1	136 x 320	5.35 x 12.59	118 x 294 x 45	4.64 x 11.57 x 1.77	●	●	●
PT2193/105	1145/53	5	1	136 x 320	5.35 x 12.59	118 x 294 x 45	4.64 x 11.57 x 1.77	●	●	●
PT2193/106	1145/53	6	1	136 x 320	5.35 x 12.59	118 x 294 x 45	4.64 x 11.57 x 1.77	●	●	●

Uses 4+n outdoor station 824/500

Please add to the PT code the letter equivalent to the selected coloration:
"LA"= POLISHED CHROMED, "SA"= SATIN CHROMED

PT2195/101   PT2195/102   PT2193/101   PT2193/102   PT2193/103   PT2193/104   PT2193/105   PT2193/106

BRASS-COATED AUDIO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 625
(flush-mounting box not included)

PRODEL FRONT PANEL	PRODEL FLUSH MOUNTING BOX	NO OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - MM)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - IN)	2VOICE	4+N	1+N
PT2191/208	PT2121/608	8	2	206 x 304	8.11 x 11.96	190 x 288 x 55	7.48 x 11.33 x 2.16	●	●	●
PT2191/210	PT2121/610	10	2	206 x 304	8.11 x 11.96	190 x 288 x 55	7.48 x 11.33 x 2.16	●	●	●
PT2191/212	PT2121/612	12	2	206 x 332	8.11 x 13.07	190 x 316 x 55	7.48 x 12.44 x 2.16	●	●	●
PT2191/214	PT2121/614	14	2	206 x 360	8.11 x 14.17	190 x 344 x 55	7.48 x 13.54 x 2.16	●	●	●
PT2191/216	PT2121/616	16	2	206 x 388	8.11 x 15.27	190 x 372 x 55	7.48 x 14.64 x 2.16	●	●	●
PT2191/218	PT2121/618	18	2	206 x 416	8.11 x 16.37	190 x 400 x 55	7.48 x 15.74 x 2.16	●	●	●
PT2191/220	PT2121/620	20	2	206 x 444	8.11 x 17.48	190 x 428 x 55	7.48 x 16.85 x 2.16	●	●	●

Please add to the PT code the letter equivalent to the selected coloration:
"LA"= POLISHED CHROMED, "SA"= SATIN CHROMED

PT2191/208   PT2191/210   PT2191/212   PT2191/214   PT2191/216   PT2191/218   PT2191/220

titanium video

PRODEL FRONT PANEL	URMET FLUSH MOUNTING BOX	NO OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - MM)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - IN)	2VOICE	COAX	5 WIRES
BRASS-COATED POLISHED VIDEO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 1145 (flush-mounting box not included)										
PT2795/101*	1145/52 + 1143/60	1	1	136 x 230	5.35 x 9.05	118 x 204 x 60	4.64 x 8.03 x 2.36		●	
PT2795/102*	1145/52 + 1143/60	2	1	136 x 230	5.35 x 9.05	118 x 204 x 60	4.64 x 8.03 x 2.36		●	
PT2793/101	1145/53 + 1143/60	1	1	136 x 320	5.35 x 12.59	118 x 294 x 60	4.64 x 11.57 x 2.36	●	●	●
PT2793/102	1145/53 + 1143/60	2	1	136 x 320	5.35 x 12.59	118 x 294 x 60	4.64 x 11.57 x 2.36	●	●	●
PT2793/103	1145/54 + 1143/60	3	1	136 x 410	5.35 x 16.14	118 x 384 x 60	4.64 x 15.11 x 2.36	●	●	●
PT2793/104	1145/54 + 1143/60	4	1	136 x 410	5.35 x 16.14	118 x 384 x 60	4.64 x 15.11 x 2.36	●	●	●
PT2793/105	1145/54 + 1143/60	5	1	136 x 410	5.35 x 16.14	118 x 384 x 60	4.64 x 15.11 x 2.36	●	●	●
PT2793/106	1145/54 + 1143/60	6	1	136 x 410	5.35 x 16.14	118 x 384 x 60	4.64 x 15.11 x 2.36	●	●	●

Uses 4+n outdoor station 824/500

Please add to the PT code the letter equivalent to the selected coloration:
"LA"= POLISHED CHROMED, "SA"= SATIN CHROMED

PT2795/101 PT2795/102 PT2793/101 PT2793/102 PT2793/103 PT2793/104 PT2793/105 PT2793/106

PRODEL FRONT PANEL	PRODEL FLUSH MOUNTING BOX	NO OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - MM)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - IN)	2VOICE	COAX	5 WIRES
BRASS-COATED SATIN-FINISHED VIDEO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 625 (flush-mounting box not included)										
PT2791/208	PT2721/608	8	2	206 x 360	8.11 x 14.17	190 X 344 X 55	7.48 x 13.54 x 2.16	●	●	●
PT2791/210	PT2721/610	10	2	206 x 388	8.11 x 15.27	190 X 372 X 55	7.48 x 14.64 x 2.16	●	●	●
PT2791/212	PT2721/612	12	2	206 x 416	8.11 x 16.37	190 X 400 X 55	7.48 x 15.74 x 2.16	●	●	●
PT2791/214	PT2721/614	14	2	206 x 444	8.11 x 17.48	190 X 428 X 55	7.48 x 16.85 x 2.16	●	●	●
PT2791/216	PT2721/616	16	2	206 x 472	8.11 x 18.58	190 X 456 X 55	7.48 x 17.95 x 2.16	●	●	●
PT2791/218	PT2721/618	18	2	206 x 500	8.11 x 19.68	190 X 484 X 55	7.48 x 19.05 x 2.16	●	●	●
PT2791/220	PT2721/620	20	2	206 x 528	8.11 x 20.78	190 X 512 X 55	7.48 x 20.15 x 2.16	●	●	●

Please add to the PT code the letter equivalent to the selected coloration:
"LA"= POLISHED CHROMED, "SA"= SATIN CHROMED

PT2791/208 PT2791/210 PT2791/212 PT2791/214 PT2791/216 PT2791/218 PT2791/220

TITANIUM digital

Prodel
URMET|GROUP

TITANIUM FRONTAL PANELS WITH EMBEDDING BOX INCLUDED

PRODEL FRONT PANEL	AUDIO (A) OR VIDEO (V)	CALL MODULE INCLUDED	CAMERA MODULE INCLUDED	SHAPE	FRONT PANEL DIMENSIONS	FLUSH MOUNTING BOX DIMENSIONS	2VOICE	IPERVOICE	IPERCOM	
PT1083/19TR	A	1083/19	-	Rect.	136 x 230 mm 5.35 x 9.05 in	118 x 204 x 60 mm 4.64 x 8.03 x 2.36 in	●			
PT2083/19TR	V	1083/19	1810/40	Rect.	136 x 320 mm 5.35 x 9.05 in	118 x 294 x 60 mm 4.64 x 11.57 x 2.36 in	●			
PT1083/16TR	V	1083/16	-	Rect.	150 x 388 mm 5.9 x 15.27 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in	●			
PT1060/18TR	V	1060/18	-	Rect.	150 x 388 mm 5.9 x 15.27 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in		●	●	
PT1083/19TW	A	1083/19	-	Waved	136 x 270 mm 5.35 x 10.62 in	118 x 204 x 60 mm 4.64 x 8.03 x 2.36 in	●			
PT2083/19TW	V	1083/19	1810/40	Waved	136 x 360 mm 5.35 x 14.17 in	118 x 294 x 60 mm 4.64 x 11.57 x 2.36 in	●			
PT1083/16TW	V	1083/16	-	Waved	150 x 438 mm 5.9 x 17.24 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in	●			
PT1060/60TW	V	1060/18	-	Waved	150 x 438 mm 5.9 x 17.24 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in		●	●	

Please add to the PT code the letter equivalent to the selected coloration:
"LA"= POLISHED CHROMED, "SA"= SATIN CHROMED

Prodel
URMET|GROUP

The replacement of old or damaged entry panels with standard Urmet or other entry panels would imply expensive additional maintenance, such as:

> Marble cutting
> Wall painting
> Hand-work on the wall

Titanium does not require any of the above mentioned operations.

For further information contact
Prodel +39 011-2484103
Email: info@prodeltorino.it

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allinox|allinox DIGITAL

Allinox is the new family of **100% stainless steel** monoblock entry panels from 1,5 to 2,5 mm thickness. The steel buttons allow a fast connection using **faston** connections without the need to use screws, scissors or screwdrivers.

Allinox panels can be customized in shape and size. Any Urmet electronic could be mounted, including all the Urmet digital and analogue systems.

It is also possible to add Urmet's access control readers and 3° party systems readers.

For digital systems, you can connect buttons using faston connections of 1083/17.

For analog systems, special terminal plug-in is provided to easily connect the wire column with panel buttons, allowing simple one-time terminal plug-out to disconnect all wires from the panel.

Fast connection buttons

Available with hidden screws

Very low profile buttons 1 mm out of the panel

Anti-theft screws
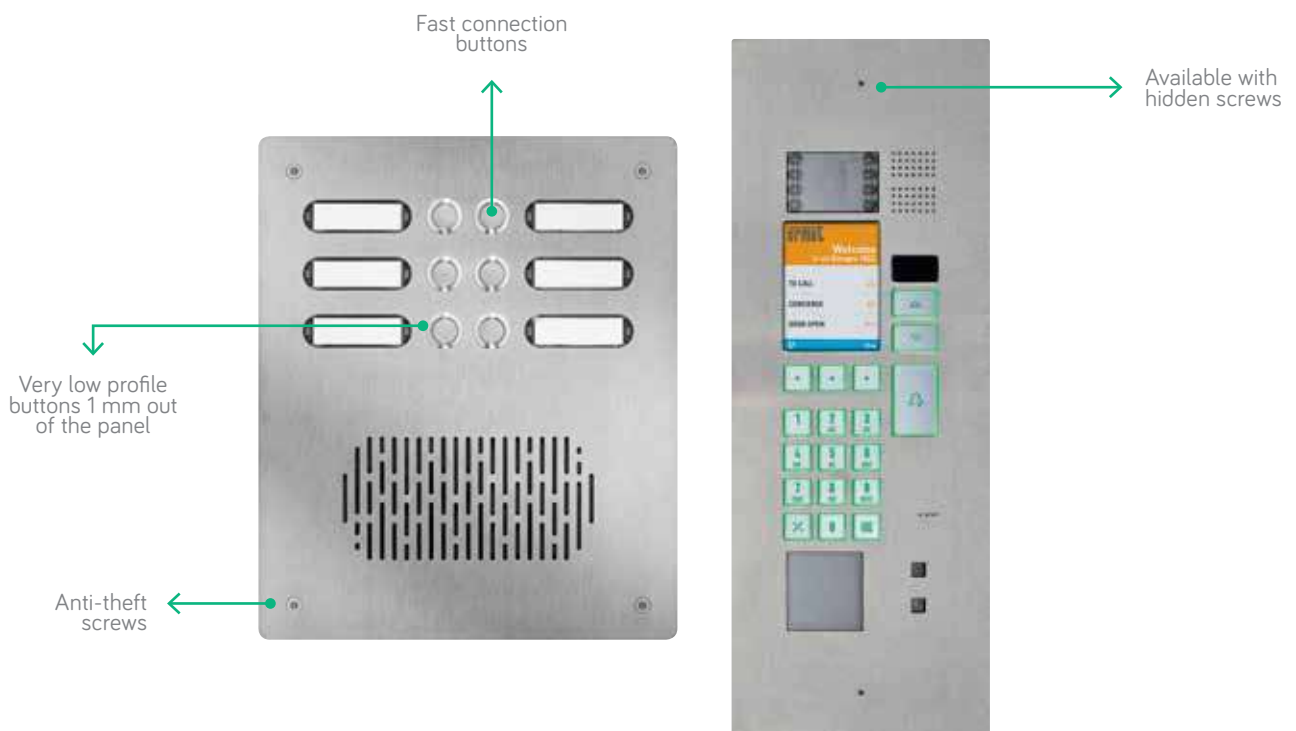
FEATURES

> Available in satin and polished finishing
> 100% customizable
> Antioxidation treatment
> Integration of Urmet group electronic in a single block structure panel
> From 1,5 to 2,5 mm thickness
> Shapes and dimensions eventually adaptable to existing embedding box
> Extremely robust monoblock body
> Available in PVD version with 4 colours and in 5 RAL colours

ALLINOX RAL 9007 aluminium

ALLINOX RAL 9010 white

ALLINOX RAL 8028 corten

ALLINOX RAL 9005 black

ALLINOX micaceous iron

ALLINOX PVD gold

ALLINOX PVD copper bronze

ALLINOX PVD gun metal

COMPATIBLE WITH 2 VOICE | IPer VOICE | IPer COM | 5 WIRES | COAX | 4 +N | 1 +N

allinox audio

Prodel
URMET|GROUP

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PRODEL FRONT PANEL	URMET FLUSH MOUNTING BOX	NO OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - MM)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - IN)	2VOICE	4+N	1+N
POLISHED AUDIO PANELS FOR FLUSH-MOUNTING EMBEDDING BOXES MOD. 1145 (flush-mounting box not included)										
PT6165/101*	1145/51	1	1	132 X 140	5.19 x 5.51	118 x 114 x 45	4.64 x 4.48 x 1.77		●	
PT6163/101	1145/52	1	1	136 X 230	5.19 x 9.05	118 x 204 x 45	4.64 x 8.03 x 1.77	●	●	●
PT6163/102	1145/53	2	1	136 X 320	5.19 x 12.59	118 x 294 x 45	4.64 x 11.57 x 1.77	●	●	●
PT6163/103	1145/53	3	1	136 X 320	5.19 x 12.59	118 x 294 x 45	4.64 x 11.57 x 1.77	●	●	●
PT6163/104	1145/53	4	1	136 X 320	5.19 x 12.59	118 x 294 x 45	4.64 x 11.57 x 1.77	●	●	●
PT6163/105	1145/53	5	1	136 X 320	5.19 x 12.59	118 x 294 x 45	4.64 x 11.57 x 1.77	●	●	●

Uses 4+n outdoor station 824/500

Please add to the PT code the letter equivalent to the selected coloration: "LB"= PVD COPPER BRONZE POLISHED BRASS, "LF"= PVD GUN METAL GREY POLISHED BRASS, "LO"= PVD POLISHED BRASS, "SB"= PVD COPPER BRONZE SATIN-FINISHED BRASS, "SF"= PVD GUN METAL GREY SATIN-FINISHED BRASS, "SO"= PVD SATIN-FINISHED BRASS, "VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"=RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK

PT6165/101   PT6163/101   PT6163/102   PT6163/103   PT6163/104   PT6163/105

PRODEL FRONT PANEL	PRODEL FLUSH MOUNTING BOX	NO OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - MM)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - IN)	2VOICE	4+N	1+N
POLISHED AUDIO PANELS FOR FLUSH-MOUNTING EMBEDDING BOXES MOD. 625 (flush-mounting box not included)										
PT6161/208	PT6161/608	8	2	206 x 304	8.11 x 11.96	190 x 288 x 55	7.48 x 11.33 x 2.16	●	●	●
PT6161/210	PT6161/610	10	2	206 x 304	8.11 x 11.96	190 x 288 x 55	7.48 x 11.33 x 2.16	●	●	●
PT6161/212	PT6161/612	12	2	206 x 332	8.11 x 13.07	190 x 316 x 55	7.48 x 12.44 x 2.16	●	●	●
PT6161/214	PT6161/614	14	2	206 x 360	8.11 x 14.17	190 x 344 x 55	7.48 x 13.54 x 2.16	●	●	●
PT6161/216	PT6161/616	16	2	206 x 388	8.11 x 15.27	190 x 372 x 55	7.48 x 14.64 x 2.16	●	●	●
PT6161/218	PT6161/618	18	2	206 x 416	8.11 x 16.37	190 x 400 x 55	7.48 x 15.74 x 2.16	●	●	●
PT6161/220	PT6161/620	20	2	206 x 444	8.11 x 17.48	190 x 428 x 55	7.48 x 16.85 x 2.16	●	●	●

Please add to the PT code the letter equivalent to the selected coloration: "LB"= PVD COPPER BRONZE POLISHED BRASS, "LF"= PVD GUN METAL GREY POLISHED BRASS, "LO"= PVD POLISHED BRASS, "SB"= PVD COPPER BRONZE SATIN-FINISHED BRASS, "SF"= PVD GUN METAL GREY SATIN-FINISHED BRASS, "SO"= PVD SATIN-FINISHED BRASS, "VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"= RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK

PT6161/208   PT6161/210   PT6161/212   PT6161/214   PT6161/216   PT6161/218   PT6161/220

allinox video

PRODEL FRONT PANEL	URMET FLUSH MOUNTING BOX	NO OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - MM)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - IN)	2 VOICE	COAX	5 WIRES
POLISHED VIDEO PANELS FOR FLUSH-MOUNTING EMBEDDING BOXES MOD. 1145 (flush-mounting box not included)										
PT6765/101*	1145/52 + 1143/60	1	1	136 x 230	5.19 x 9.05	118 x 204 x 60	4.64 x 8.03 x 2.36		●	
PT6763/101	1145/53 + 1143/60	1	1	136 x 320	5.19 x 12.59	118 x 294 x 60	4.64 x 11.57 x 2.36	●	●	●
PT6763/102	1145/54 + 1143/60	2	1	136 x 410	5.19 x 16.14	118 x 384 x 60	4.64 x 15.11 x 2.36	●	●	●
PT6763/103	1145/54 + 1143/60	3	1	136 x 410	5.19 x 16.14	118 x 384 x 60	4.64 x 15.11 x 2.36	●	●	●
PT6763/104	1145/54 + 1143/60	4	1	136 x 410	5.19 x 16.14	118 x 384 x 60	4.64 x 15.11 x 2.36	●	●	●
PT6763/105	1145/54 + 1143/60	5	1	136 x 410	5.19 x 16.14	118 x 384 x 60	4.64 x 15.11 x 2.36	●	●	●

*Uses 4+n outdoor station 824/500

Please add to the PT code the letter equivalent to the selected coloration: "LB"= PVD COPPER BRONZE POLISHED BRASS, "LF"= PVD GUN METAL GREY POLISHED BRASS, "LO"= PVD POLISHED BRASS, "SB"= PVD COPPER BRONZE SATIN-FINISHED BRASS, "SF"= PVD GUN METAL GREY SATIN-FINISHED BRASS, "SO"= PVD SATIN-FINISHED BRASS, "VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"=RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK
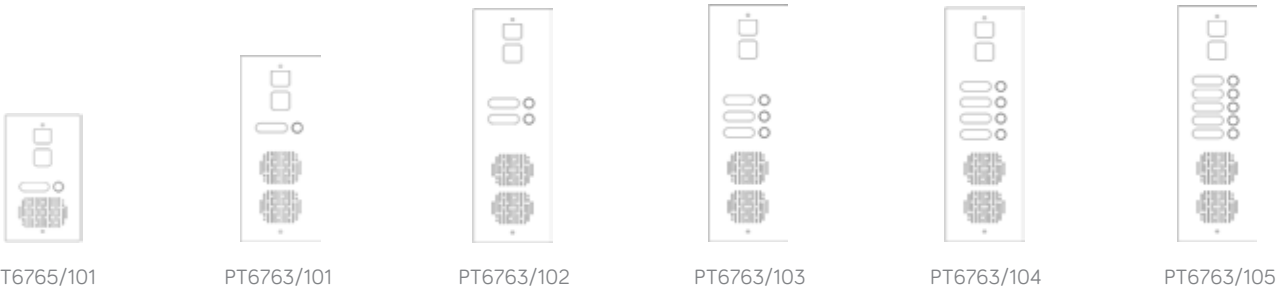
| PT6765/101 | PT6763/101 | PT6763/102 | PT6763/103 | PT6763/104 | PT6763/105 |

| PRODEL FRONT PANEL	CODICE SCATOLA URMET	NO OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (MM)	FRONT PANEL DIMENSIONS (IN)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - MM)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - IN)	2 VOICE	COAX	5 WIRES
POLISHED VIDEO PANELS FOR FLUSH-MOUNTING EMBEDDING BOXES MOD. 625 (flush-mounting box not included)										
PT6761/208	PT6761/608	8	2	206 x 360	8.11 x 14.17	190 x 344 x 55	7.48 x 13.54 x 2.16	●	●	●
PT6761/210	PT6761/610	10	2	206 x 388	8.11 x 15.27	190 x 372 x 55	7.48 x 14.64 x 2.16	●	●	●
PT6761/212	PT6761/612	12	2	206 x 416	8.11 x 16.37	190 x 400 x 55	7.48 x 15.74 x 2.16	●	●	●
PT6761/214	PT6761/614	14	2	206 x 444	8.11 x 17.48	190 x 428 x 55	7.48 x 16.85 x 2.16	●	●	●
PT6761/216	PT6761/616	16	2	206 x 472	8.11 x 18.58	190 x 456 x 55	7.48 x 17.64 x 2.16	●	●	●
PT6761/218	PT6761/618	18	2	206 x 500	8.11 x 19.68	190 x 484 x 55	7.48 x 19.05 x 2.16	●	●	●
PT6761/220	PT6761/620	20	2	206 x 528	8.11 x 20.78	190 x 512 x 55	7.48 x 20.15 x 2.16	●	●	●

Please add to the PT code the letter equivalent to the selected coloration: "LB"= PVD COPPER BRONZE POLISHED BRASS, "LF"= PVD GUN METAL GREY POLISHED BRASS, "LO"= PVD POLISHED BRASS, "SB"= PVD COPPER BRONZE SATIN-FINISHED BRASS, "SF"= PVD GUN METAL GREY SATIN-FINISHED BRASS, "SO"= PVD SATIN-FINISHED BRASS, "VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"=RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK
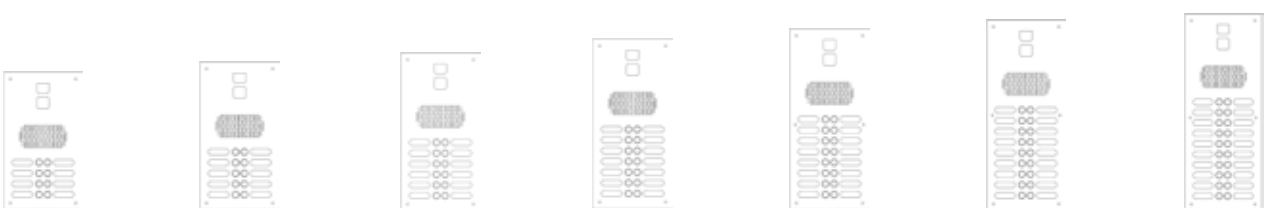
| PT6761/208 | PT6761/210 | PT6761/212 | PT6761/214 | PT6761/216 | PT6761/218 | PT6761/220 |

allinox digital

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PRODEL FRONT PANEL	AUDIO (A) OR VIDEO (V)	CALL MODULE INCLUDED	MCAMERA MODULE INCLUDED	SHAPE	FRONT PANEL DIMENSIONS	FLUSH MOUNTING BOX DIMENSIONS	2VOICE	IPERVOICE	IPERCOM	
ALLINOX FRONTAL PANELS CON EMBEDDING BOX INCLUDED										
PT1083/19AR	A	1083/19	-	Rect.	136 x 230 mm 5.19 x 9.05 in	118 x 204 x 60 mm 4.64 x 8.03 x 2.36 in	●			
PT2083/19AR	V	1083/19	1810/40	Rect.	136 x 320 mm 5.19 x 12.59 in	118 x 294 x 60 mm 4.64 x 11.57 x 2.36 in	●			
PT1083/16AR	V	1083/16	-	Rect.	150 x 388 mm 5.9 x 15.27 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in	●			
PT1060/18AR	V	1060/18	-	Rect.	150 x 388 mm 5.9 x 15.27 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in		●	●	
PT1083/19/AW	A	1083/19	-	Waved	136 x 270 mm 5.19 x 10.62 in	118 x 204 x 60 mm 4.64 x 8.03 x 2.36 in	●			
PT2083/19/AW	V	1083/19	1810/40	Waved	136 x 360 mm 5.19 x 14.17 in	118 x 294 x 60 mm 4.64 x 11.57 x 2.36 in	●			
PT1083/16/AW	V	1083/16	-	Waved	150 x 438 mm 5.9 x 17.24 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in	●			
PT1060/18/AW	V	1060/18	-	Waved	150 x 438 mm 5.9 x 17.24 in	138 x 376 x 57 mm 5.43 x 14.8 x 2.24 in		●	●	

Please add to the PT code the letter equivalent to the selected coloration: "LB"= PVD COPPER BRONZE POLISHED BRASS, "LF"= PVD GUN METAL GREY POLISHED BRASS, "LO"= PVD POLISHED BRASS, "SB"= PVD COPPER BRONZE SATIN-FINISHED BRASS, "SF"= PVD GUN METAL GREY SATIN-FINISHED BRASS, "SO"= PVD SATIN-FINISHED BRASS, "VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"=RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK

ALLINOX DIGITAL PVD gold

ALLINOX DIGITAL PVD copper bronze

ALLINOX DIGITAL PVD gun metal

ALLINOX DIGITAL RAL 9007 aluminium

ALLINOX DIGITAL RAL 9010 white

ALLINOX DIGITAL RAL 8028 corten

ALLINOX DIGITAL micaceous iron

ALLINOX DIGITAL RAL 9005 black

Prodel
URMET|GROUP

Allinox digital entry panels are available in PVD version with 4 colours and in 5 RAL colours.

For further information contact
Prodel +39 011-2484103
Email: info@prodeltorino.it

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alumen

Alumen is the standard family with 4 mm thickness single block structure panel. The buttons used on Alumen are the same as the original **Urmet 625** model allowing a perfect retrofit on the old flush-mounted boxes already installed and avoiding costly building works. Alumen panels can be used in audio or video systems, both for analogue systems and for the Urmet digital system. They are also available with 5-colour painting (aluminum RAL 9007, white RAL 9010, corten RAL 8028, ferromicaceous and black RAL 9005).

FEATURES

> New LED lighting circuits
> White light
> Electronic noise suppressor circuit for each individual LED
> Individually divisible
> Long life and low consumption
> The LED circuits can be directly connected at 12 V alternating or continuous current

COMPATIBLE WITH

REFERENCES

Prodel
URMET|GROUP

PRODEL MODEL	N.O OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (W x H - MM)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - MM)	FLUSH MOUNTING BOX INCLUDED	SUGGESTED LED	2VOICE	4+N	1+N
625 COMPATIBILITY TABLE									
PT5121/101	1	1	108 x 234	95 x 220 x 55	NO	1 x PT1555/05		●	●
PT5121/102	2	1	108 x 234	95 x 220 x 55	NO	1 x PT1555/05		●	●
PT5121/105	5	1	130 x 332	113 x 316 x 55	NO	1 x PT1555/05	●	●	●
PT5121/106	6	1	130 x 360	113 x 344 x 55	NO	1 x PT1555/05	●	●	●
PT5121/108	8	1	130 x 416	113 x 400 x 55	NO	1 x PT1555/05	●	●	●
PT5121/204	4	2	206 x 248	190 x 232 x 55	NO	1 x PT1555/05	●	●	●
PT5121/206	6	2	206 x 248	190 x 232 x 55	NO	1 x PT1555/05	●	●	●
PT5121/208	8	2	206 x 304	190 x 288 x 55	NO	1 x PT1555/05	●	●	●
PT5121/210	10	2	206 x 304	190 x 288 x 55	NO	1 x PT1555/10	●	●	●
PT5121/212	12	2	206 x 332	190 x 316 x 55	NO	1 x PT1555/10	●	●	●
PT5121/214	14	2	206 x 360	190 x 344 x 55	NO	1 x PT1555/10	●	●	●
PT5121/216	16	2	206 x 388	190 x 372 x 55	NO	1 x PT1555/10	●	●	●
PT5121/218	18	2	206 x 416	190 x 400 x 55	NO	1 x PT1555/10	●	●	●
PT5121/220	20	2	206 x 444	190 x 428 x 55	NO	1 x PT1555/10	●	●	●
PT5121/222	22	2	206 x 472	190 x 456 x 55	NO	1 x PT1555/10 + 1 x PT1555/05	●	●	●
PT5121/224	24	2	206 x 500	190 x 484 x 55	NO	1 x PT1555/10 + 1 x PT1555/05	●	●	●
PT5121/226	26	2	206 x 528	190 x 512 x 55	NO	1 x PT1555/10 + 1 x PT1555/05	●	●	●
PT5121/315	15	3	307 x 304	290 x 288 x 55	NO	1 x PT1555/10	●	●	●
PT5121/321	21	3	307 x 360	290 x 344 x 55	NO	1 x PT1555/10	●	●	●
PT5121/327	27	3	307 x 416	290 x 400 x 55	NO	1 x PT1555/10 + 1 x PT1555/05	●	●	●
PT5121/333	33	3	307 x 472	290 x 456 x 55	NO	2 x PT1555/10 + 1 x PT1555/05	●	●	●
PT5121/339	39	3	307 x 528	290 x 512 x 55	NO	3 x PT1555/10	●	●	●
PT5121/430	30	4	380 x 332	360 x 316 x 55	NO	2 x PT1555/10	●	●	●
PT5121/432	32	4	380 x 332	360 x 316 x 55	NO	2 x PT1555/10	●	●	●
PT5121/436	36	4	380 x 360	360 x 344 x 55	NO	2 x PT1555/10	●	●	●
PT5121/440	40	4	380 x 388	360 x 372 x 55	NO	2 x PT1555/10	●	●	●
PT5121/444	44	4	380 x 416	360 x 400 x 55	NO	2 x PT1555/10 + 1 x PT1555/05	●	●	●
PT5121/448	48	4	380 x 444	360 x 428 x 55	NO	3 x PT1555/10	●	●	●
PT5121/452	52	4	380 x 472	360 x 456 x 55	NO	3 x PT1555/10	●	●	●
PT5121/456	56	4	380 x 500	360 x 484 x 55	NO	3 x PT1555/10 + 1 x PT1555/05	●	●	●

Please add to the PT code the letter equivalent to the selected coloration:
"VA"= RAL 9007 ALUMINIUM, "VB"= RAL 9010 WHITE, "VC"=RAL 8028 CORTEN, "VM"= MICACEOUS IRON, "VN"= RAL 9005 BLACK

Alumen
RAL 9007
aluminium

ALUMEN
RAL 9010
white

ALUMEN
RAL 8028
corten

ALUMEN
micaceous
iron

ALUMEN
RAL 9005
black

Prodel
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▼

Alumen entry panels are available
in 5 RAL colours.

For further information contact
Prodel +39 011-2484103
Email: info@prodeltorino.it

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925

Great ease of installation and **excellent quality/price ratio** make this entry panel very competitive. It comes with drawn aluminium front panel with plastic headers, button holder frame with metal buttons and flush-mounting box.

The entry panel is arranged in blocks with one or two rows that can be set side by side to achieve **3, 4, 5 and 6-row setups**. In addition, appropriate housings are available for surface wall mount in configurations with **up to 24 buttons**.
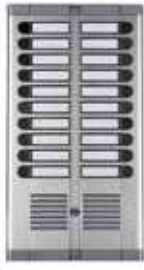
FEATURES

> Flush entry panel for flush mount / surface wall mount
> Aluminium front panel
> Compact size
> IP33

COMPATIBLE WITH

REFERENCES

REFERENCE	NO OF BTNS	N.O OF BTN ROWS	FRONT PANEL DIMENSIONS (W x H - MM)	FRONT PANEL DIMENSIONS (W x H - IN)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - MM)	FLUSH MOUNTING BOX DIMENSIONS (W X H X D - IN)	COAX	5 WIRES	4+N	1+N	
AUDIO FRONT PANEL WITH PROVISION FOR OUTDOOR AUDIO STATION											
925/101	1	1	113 x 240	4.44 x 9.44	102 x 225 x 43	4.01 x 8.85 x 1.69	●		●		
925/102	2	1	113 x 240	4.44 x 9.44	102 x 225 x 43	4.01 x 8.85 x 1.69	●		●		
925/103	3	1	113 x 288	4.44 x 11.33	102 x 273 x 43	4.01 x 10.74 x 1.69	●		●		
925/104	4	1	113 x 288	4.44 x 11.33	102 x 273 x 43	4.01 x 10.74 x 1.69	●		●		
925/105	5	1	113 x 312	4.44 x 12.28	102 x 297 x 43	4.01 x 11.69 x 1.69	●	●	●	●	
925/106	6	1	113 x 336	4.44 x 13.22	102 x 321 x 43	4.01 x 12.63 x 1.69	●	●	●	●	
925/107	7	1	113 x 360	4.44 x 14.17	102 x 345 x 43	4.01 x 13.58 x 1.69	●	●	●	●	
925/108	8	1	113 x 384	4.44 x 15.11	102 x 369 x 43	4.01 x 14.52 x 1.69	●	●	●	●	
925/204	4	2	205 x 192	8.07 x 7.55	194 x 177 x 43	7.63 x 6.96 x 1.69	●	●	●	●	
925/206	6	2	205 x 216	8.07 x 8.5	194 x 202 x 43	7.63 x 7.95 x 1.69	●	●	●	●	
925/208	8	2	205 x 240	8.07 x 9.44	194 x 225 x 43	7.63 x 8.85 x 1.69	●	●	●	●	
925/210	10	2	205 x 264	8.07 x 10.39	194 x 249 x 43	7.63 x 9.8 x 1.69	●	●	●	●	
925/212	12	2	205 x 288	8.07 x 11.33	194 x 273 x 43	7.63 x 10.74 x 1.69	●	●	●	●	
925/214	14	2	205 x 312	8.07 x 12.28	194 x 297 x 43	7.63 x 11.69 x 1.69	●	●	●	●	
925/216	16	2	205 x 336	8.07 x 13.22	194 x 321 x 43	7.63 x 12.63 x 1.69	●	●	●	●	
925/218	18	2	205 x 360	8.07 x 14.17	194 x 345 x 43	7.63 x 13.58 x 1.69	●	●	●	●	
925/220	20	2	205 x 384	8.07 x 15.11	194 x 369 x 43	7.63 x 14.52 x 1.69	●	●	●	●	
925/222	22	2	205 x 408	8.07 x 16.06	194 x 393 x 43	7.63 x 15.47 x 1.69	●	●	●	●	
925/224	24	2	205 x 432	8.07 x 17	194 x 417 x 43	7.63 x 16.41 x 1.69	●	●	●	●	
925/228	28	2	205 x 480	8.07 x 18.89	194 x 465 x 43	7.63 x 18.30 x 1.69	●	●	●	●	

Name tag dimensions: 14.5 x 54.5 x 2 mm - 0.56 x 21.45 x 0.07 in (H x W x D)

925

CODE / MODEL	NO. OF BTNS	NO. OF BTN ROWS	FRONT PANEL DIMENSIONS (W x H) MM	FRONT PANEL DIMENSIONS (W x H) IN	FLUSH-MOUNTING BOX DIMENSIONS (W x H x D) MM	FLUSH-MOUNTING BOX DIMENSIONS (W x H x D) IN	COAX	5 WIRES	4+N	1+N
FRONT PANELS WITH BUTTONS ONLY										
925/020	20	2	205 x 288	8.07 x 11.33	194 x 273 x 43	7.63 x 10.74 x 1.69	●	●	●	●
925/022	22	2	205 x 312	8.07 x 12.28	194 x 297 x 43	7.63 x 11.69 x 1.69	●	●	●	●
925/024	24	2	205 x 336	8.07 x 13.22	194 x 321 x 43	7.63 x 12.63 x 1.69	●	●	●	●
925/026	26	2	205 x 360	8.07 x 14.17	194 x 345 x 43	7.63 x 13.58 x 1.69	●	●	●	●
925/028	28	2	205 x 384	8.07 x 15.11	194 x 369 x 43	7.63 x 14.52 x 1.69	●	●	●	●
925/030	30	2	205 x 408	8.07 x 16.06	194 x 393 x 43	7.63 x 15.47 x 1.69	●	●	●	●

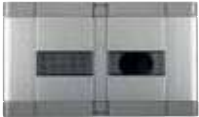*Name tag dimensions: 14.5 x 54.5 x 2 mm - 0.56 x 21.45 x 0.07 in (H x W x D)*

ACCESSORIES FOR FRONT PANELS WITH BUTTONS ONLY

5150/53	3-WIRE AUDIO LOUDSPEAKING UNIT FOR MOD. 925 ENTRY PANEL
1035/25	CONVERSATION SECRECY DEVICE One device required every 4 users; do not use in 1-row entry panels from 1 to 4 buttons.

LOUDSPEAKING UNITS

1128/500	LOUDSPEAKING UNIT FOR 4+N SYSTEMS (replaces the 5150/500 loudspeaking unit)
1128/510	LOUDSPEAKING UNIT FOR 4+N SYSTEMS, 12VAC POWER (replaces the 5150/500 loudspeaking unit)
5150/53	3-WIRE AUDIO LOUDSPEAKING UNIT FOR MOD. 925 ENTRY PANEL FOR 4+N SYSTEMS
1035/67	AUDIO LOUDSPEAKING UNIT FOR 1+N SYSTEMS
1083/8	AUDIO LOUDSPEAKING UNIT FOR 2VOICE SYSTEMS For use in combination with 1038/17 module (one every 16 users)

FRONT PANELS FOR CAMERA

725/600	B/W CAMERA MODULE FOR COAX SYSTEMS Bibus VOP and 5-wire systems, to be used in combination with 1742/13A board.
925/611	FRONT PANEL ON SINGLE ROW FOR CAMERA 725/600 With flush-mounting box. Dimensions (W x H): 113 x 120 mm - 4.44 x 4.72 in. Flush-mounting box dimensions (W x H x D): 102 x 102 x 53 mm - 4.01 x 4.01 x 2.08 in.
925/612	FRONT PANEL ON 2 ROWS FOR CAMERA 725/600 With flush-mounting box. Dimensions (W x H): 205 x 120 mm - 8.07 x 4.72 in. Flush-mounting box dimensions (W x H x D): 194 x 102 x 53 mm - 7.63 x 4.01 x 2.08 in.

REFERENCES

ACCESSORIES

1035/25	CONVERSATION SECRECY DEVICE One device required every 4 users; for 1+n audio and 5-wire video systems.
1742/13A	CAMERA UNIT ADAPTER Adapts camera with video signal over coaxial cable in differential video systems.
1083/17	16-USER EXPANSION MODULE FOR DIGITAL SYSTEMS For use with 2Voice outdoor stations to add more call buttons.

SURFACE WALL MOUNTED HOUSING COMPLETE WITH TRIM

725/710	SURFACE WALL MOUNT HOUSING WITH HOOD > Dimensions (W x H x D): 120 x 245 x 50 mm - 4.72 x 9.64 x 1.96 in > Depth including hood: 102 mm - 4.01 in > Compatible front panels: 725/101-102 > No. of rows: 1 > Material: aluminium	
725/711	SURFACE WALL MOUNT HOUSING WITH HOOD > Dimensions (W x H x D): 120 x 245 x 50 mm - 4.72 x 9.64 x 1.96 in > Depth including hood: 102 mm - 4.01 in > Max. height: 389 mm - 15.31 in > Compatible front panels: 725/103-104-105-106-107-108 > No. of rows: 1 > Material: aluminium	
725/721	SURFACE WALL MOUNT HOUSING WITH HOOD > Dimensions (W x H x D): 212 x 197 x 50 mm - 8.34 x 7.75 x 1.69 in > Depth including hood: 102 mm - 4.01 in > Max. height: 269 mm - 10.59 in > Compatible front panels: 725/204-206-208-210 > No. of rows: 2 > Material: aluminium	
725/722	SURFACE WALL MOUNT HOUSING WITH HOOD > Dimensions (W x H x D): 212 x 197 x 50 mm - 8.34 x 7.75 x 1.69 in > Depth including hood: 102 mm - 4.01 in > Max. height: 269 mm - 10.59 in > Compatible front panels: 725/212-214-216-218-220-222-224-226-228 725/020-022-024-026-028-030-032-034-036 > No. of rows: 2 > Material: aluminium	

CODE / MODEL		COMPATIBLE FRONT PANELS	NO.OF ROWS	MATERIAL
RAIN HOODS				
725/701	RAIN HOOD *NOTE: To use only in combination with video front panels*	725/601	1	Aluminium
725/702	SURFACE WALL MOUNT HOUSING WITH HOOD *NOTE: To use only in combination with video front panels*	725/602	2	Aluminium

mikra | mikra AUDIO | mikra exigo

Mikra embodies a purely modern style, thanks to its compact design and to its **structure made of Zamak**, which protects it against unfavourable weather conditions and gives it a pleasant and sturdy feel. Thanks to this, Mikra was given the IK07 grade for shock resistance and IP44 grade for liquid and micro-dust infiltration resistance.
Mikra is available in the **audio and video version** and also

in the **Mikra Exigo** model with the polished or satin-finished brass, steel or iron mica front panel.
All Mikra versions are compatible with Urmet's 2Voice system and with analogue 2-wire systems. Mikra is compatible with surface wall mounting, semi-flush installation or, thanks to its compact size, 10 cm wide plate mounting. Mikra Exigo versions are flush-mounted.

CCD color camera
Semi-pinhole or Wide
Angle

Possibility to
customize the color
of the tags with the
use of colored filters
(blue and green)

Degree of
resistance to
the IK07 bumps

FEATURES

MIKRA
> Zamak alloy
> IP44 protection degree
> Integrated outdoor station: video
> Preset for 2-call management
> Surface wall mount
  (flush mount possible with kit 1122/60)
> White LED back-lighting
> Mechanical impact resistance degree: IK07

MIKRA AUDIO
> IP44 protection degree
> Preset for 2-call management
> Surface wall mount (possibility of flush-mounted
  installation with 1122/50 kit)
> White LED back-lighting

MIKRA EXIGO
> IP44 protection degree
> Integrated outdoor station: colour video
> Preset for 2-call management
> White LED back-lighting with customization options

COMPATIBLE WITH (2 VOICE) (4 +N) (2 WIRES)

REFERENCES

CODE / MODEL		2 VOICE	
ENTRY PANELS			
1783/1	**MIKRA** Video entry panel with 2Voice outdoor station and colour camera. Wall mounting, even lighting of the name tag with white LED light. > Dimensions (H x W x D): 185 x 99 x 20 mm - 7.28 x 3.89 x 0.78 in	●	
1783/1L	**MIKRA EXIGO** One and two-family Mikra Exigo video entry panel in polished brass with 2Voice outdoor station and colour camera. One and two-family entry panel with 2Voice outdoor station and colour camera. Polished brass front with PVD treatment; weather resistant. Flush-mounting with 1145/52 flush-mounting box. Even lighting of the name tag with white LED light. Mikra Exigo is fitted with a jumper which allows the button to be split and allows for the management of 2 independent calls (ideal for two-family houses).	●	
1783/1S	**MIKRA EXIGO** One and two-family Mikra Exigo video entry panel in satin brass with 2Voice outdoor station and colour camera. One and two-family entry panel with 2Voice outdoor station and colour camera. Satin brass front with PVD treatment; weather resistant. Flush-mounting with 1145/52 flush-mounting box. Even lighting of the name tag with white LED light. Mikra Exigo is fitted with a jumper which allows the button to be split and allows for the management of 2 independent calls (ideal for two-family houses).	●	

RAL 8028 Corten | Micaceous Iron | RAL 9005 Black | RAL 9010 White | RAL 9007 Aluminium

Prodel URMET|GROUP

Prodel (a company of the Urmet Group) specialises in customising shapes and colours when replacing old Urmet or other entry panels.

Please contact the Urmet Sales Network for further information or call +39 011-2484103.

mikra2 | mikra *plus* | mikra *digital*

Mikra2 is the **new Urmet entry panel for one- and two-family kits**. It features a compact size, robust materials and is easy to install.
Preset for outdoor **wall mounting with a depth of only 28 mm,** it can be recessed in the wall through a proper kit.
Mikra2 features **protection class IP55 against weather and dust and IK07 against shock**.
In the one-family version, it is also provided with system status signalling function through backlit icons.
The two versions of **Mikra**, **Plus and Digital**, are free from the constraint of name tags, as they are equipped with a display. They share the linear design style, reduced size and wall-mounting. The **Plus version** is equipped with 4 call buttons: each button is paired to a housing unit whose

names are highlighted on the display and entered through smartphone and Wi-Fi connection.
The display also allows for viewing the system status through theme icons and voice indication.
The **Digital version** has the same compact dimensions as Plus (10 cm in width, 20 cm in height and 28 mm in depth) but in all respects it is a call module for up to 32 users.
The name directory, sorted alphabetically, can be scrolled using the arrows, allowing you to call the person whose name is selected.
Both Plus and Digital feature **IP65 protection class**, the highest among the entry panels on the market, and a wide-angle camera with 113° horizontal and 92° vertical view.

FEATURES

MIKRA2
> System status indication by led (on 1 family panel only)
> IP55
> Wide angle camera
> Input for the door open detection
> Available in 1 or 2 button version
> No screws or other blocking tools visible
> 2 door release outputs
> ILA ready

MIKRA PLUS
> Compact design
> Surface mounting with thin profile
> Wide angle camera
> 3.5" colour display for system status indications with icons and voice messages and for name indication
> Presence detector to light on the display
> Built-in WiFi for the programming by mobile devices
> IP65 and IK07
> 2 door release outputs

MIKRA DIGIT
> It can manage up to 32 users
> The arrow buttons allow you to scroll the name repertory
> The names are inputted by mobile devices using the WiFi direct built-in technology

COMPATIBLE WITH

REFERENCES

CODE / MODEL		2 VOICE	
ENTRY PANELS			
1784/1	MIKRA2 - VANDAL RESISTANT ENTRY PANEL WITH WEATHER RESISTANT ZAMAK FRONT PANEL AND PROTECTION CLASS IP55 Colour entry panel camera with wide shooting angle and person lighting through LEDs. Name tag and backlit call button with white LEDs. Visual and acoustic signal of system status (DDA). Acoustic signal of call forwarded. Management of two access points: pedestrian and driveway.	●	
1784/2	MIKRA2 - VANDAL RESISTANT ENTRY PANEL WITH WEATHER RESISTANT ZAMAK FRONT PANEL AND PROTECTION CLASS IP55 Colour entry panel camera with wide shooting angle and person lighting through LEDs. Name tag and backlit call button with white LEDs. Acoustic signal of call forwarded. Management of two access points: pedestrian and driveway.	●	
1784/3	VANDAL RESISTANT ENTRY PANEL WITH WEATHER RESISTANT ZAMAK FRONT PANEL AND PROTECTION CLASS IP65 Colour entry panel camera with wide shooting angle and person lighting through LEDs. 3.5" colour display to view names and system status indication. Voice messages for system status indication. Equipped with Wi-Fi for connection to a smartphone/tablet/PC for operating parameter configuration and user name entry. Acoustic signal of call forwarded. Management of two access points: pedestrian and driveway.	●	
1784/4	VANDAL RESISTANT ENTRY PANEL WITH WEATHER RESISTANT ZAMAK FRONT PANEL AND PROTECTION CLASS IP65 Colour entry panel camera with wide shooting angle and person lighting through LEDs. 3.5" colour display to view names and system status indication. Voice messages for system status indication. Equipped with Wi-Fi for connection to a smartphone/tablet/PC for operating parameter configuration and user name entry. Acoustic signal of call forwarded. Management of two access points: pedestrian and driveway.	●	
1784/46	ACCESS CONTROL KEYPAD Accessory module for MIKRA2 entry panel. Equipped with 2 relays for the management of 2 different inputs, it manages up to 2 door open codes. Each code can be paired to one of the 2 output contacts or both. Equipped with input for time range management for simplified opening without code.		

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Systems guide
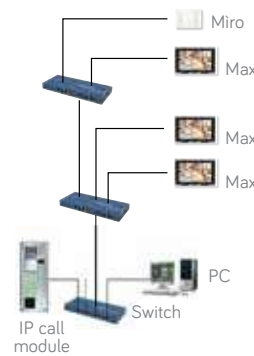
2VOICE

ADVANTAGES AND APPLICATIONS
Two non-polarised wires throughout for quick
and easy installation. Ideal for villas and large residential
complexes alike: **16 main entrances, 32 risers, 127 users per
riser column for a total of 4064 users**. Free intercom function
with four monitors in parallel, integral video surveillance,
second entrance management.

IPERCOM   IPERVOICE
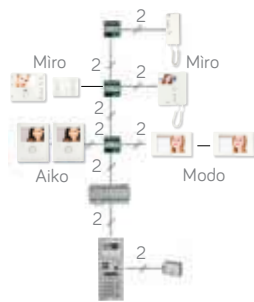
ADVANTAGES AND APPLICATIONS
Maximum extension: no limit to the number of users, riser
columns, switchboards and conversations. Optical-fibre-ready.
Ideal for large residential compounds with high integration needs
(access control, switchboards, intrusion alarm systems, video
surveillance systems, intercom systems). Self-diagnostic system
for checking system state.

COMPARISON TABLE

	2VOICE	IPERCOM	IPERVOICE
> No. of users	4064	1000	No limit
> Distance between call module and apartment station	1000 m	No limit	No limit
> Mixed audio/video	YES	YES	YES
> Conversation privacy	YES	YES	YES
> Intercom	YES	YES	YES
> Main/secondary doors	16 main + 64 secondary	Up to 1000 devices	No limit
> Access control integration	YES	YES	YES
> PABX connection options	YES	NO	YES
> Compatibility with video surveillance system	YES	YES	YES
> Technological alarm compatibility	NO	YES	YES
> Switchboard	YES (1)	YES (10)	YES (no limit)
> Use of existing wiring	YES	NO (it isn't an IP net)	YES
> Type of wire	1083/94 (not mandatory) (100 m) 1083/92 (200 m)	IP cable	-
> Kit	1783 series	YES	NO

APPLICATIONS

	2VOICE	IPERCOM	IPERVOICE
> Small systems	YES	YES	-
> Medium systems	YES	YES	YES
> Large systems	-	YES	YES

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Compatibility table apartment stations

SYSTEMS WITH A LOW NUMBER OF WIRES

		2VOICE	IPERCOM/IPERVOICE
MAX		NO	YES
MAX LITE		NO	YES
VMODO		YES	NO
AIKO		YES	NO
MÌRO HANDS-FREE		YES	YES (AUDIO ONLY)
MÌRO		YES	NO

Compatibility table entry panels

SYSTEMS WITH A LOW NUMBER OF WIRES

		2VOICE	IPERCOM/IPERVOICE
ALPHA		YES	NO
SINTHESI STEEL		YES	YES
ELEKTA		YES	YES
SINTHESI S2		YES	YES
> EXIGO **> EXIGO DIGITAL** **> TITANIUM** **> ALLINOX**		YES	YES
925		YES	NO
MIKRA2		NO	YES

For more information on panels or video doorphone please refer to relative sections.

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SECURITY KITS

SALES NETWORK

2Voice system

The non-polarized two-wire video-doorphone system with the highest performance in the category. Both for standard video-doorphone and additional functions: intercom, exchange or staircase light control. A perfect system for installations of all sizes: from villas to residential complexes. Ideal also for renovations.

From villas to large residential complexes

A perfect system for installations of all sizes: from villas, to apartment buildings, through to detached home complexes and large multi-building residential complexes.

Perfect for renovations

Uses existing wiring: faster work and possibility of installing innovative, integrated technology solutions also in antique buildings, with no need for masonry work.

Advantages for installer and user

Unparalleled ease of installation, can't-go-wrong concept, fast maintenance (even with installation live); no service interruption in the event of a short-circuit as branch protection keeps riser operating.

2VOICE SYSTEM

Communication and security in a single system providing these functionalities:
> Intercom
> Concierge
> Video surveillance
> Door alarm warning
> Second entry control
> Additional services
> Tone selection
> Telephony

URMET CALL ME
Urmet **CallMe** APP for the end user allows video doorphone calls to be forwarded to smartphones. From the APP you can answer your video doorphone, open the door and the driveway and, if necessary activate the MUTE function of the microphone.

GET IT ON Google Play   Download on the App Store

2Voice: lots of functions that are really useful to customers

Communication and security in a single system

Intercom

> Up to four parallel connected monitors per apartment with free intercom

> Multiple wiring configurations; series, star or mixed

> Wide communication links point to point for the indoor stations whether or not they are within the same apartment

Concierge

> Calls from outdoor station can be taken at the concierge lodge and transferred to individual indoor stations

> Users can call concierge at any time

> Call transfer to cordless phones

Video surveillance

> Image from individual camera (max 4) can be viewed directly in the apartment on the doorphone monitor.

Door alarm warning

A light indicator on the video-doorphone indicates when the entry door was not closed properly (function can be disabled).

Second entry control

2Voice outdoor station incorporates a relay that can be used to operate a driveway gate or a second entry, and can be controlled remotely from the indoor stations

Additional services

The system can be equipped with an additional service with no need to add any devices, such staircase or outside stairs light control, garden irrigation system or any other desired service.

Tone selection

> All 2Voice indoor stations provide call volume control

> The Mute function turns off audio and muted mode is indicated on the device

> Broad choice of tones and ring tones that can be associated to different call types (floor call, call from concierge or outdoor station)

Telephony

Possibility to interface with a Pabx or telephones, including wireless phones in the apartment.

2Voice system

BASIC ELEMENTS

1083/17	**16-BUTTON EXPANSION MODULE FOR DIGITAL SYSTEMS** To be used with 2Voice outdoor station for expanding the number of call buttons.
1083/20A	**SYSTEM POWER SUPPLY UNIT** > Used for 2Voice system > Assembly on DIN bar (10 modules). 230Vac 50-60Hz.
1083/40 1083/40C	**CONCIERGE SWITCHBOARD** Provided with alphanumeric keypad, display and receiver. Provides typical concierge functions. Day/night mode operation. Possibility to combine a colour video module 1732/41 with corresponding bracket 1732/92. Ref. 1083/40 (4 digit) - Ref. 1083/40C (6 digit)
1083/50	**COLUMN INTERFACE** Device used for uncouple riser columns in complex 2Voice systems. Ready for assembly on DIN bar (10 modules).
1083/55	**4-USER DISTRIBUTOR** Floor distributor. Connection for input bus, output bus and 4 apartment extensions. Equipped with output short-circuit protection. > Dimensions (W x H x D) 45 x 45 x 16 mm - 1.77 x 1.77 x 0.62 in
1083/67	**2VOICE-PSTN INTERFACE AND VIDEO** This device allows an analogical telephone or a telephone interface or a PABX to be connected to a 2Voice system, to enable using interphone services through a telephone terminal. The video is supplied on a coax-type output for connection of compatible terminals. This interface can be programmed in two modes: "internal place" or "call forwarding" as an aid to the 1083/40 gatekeeper lodge exchange. > Power supply: 110/230Vac with power supply provided with kit > 10 DIN modules > Power supply: 1,5 DIN modules
1083/75	**ENTRY PANEL INTERFACE** Device used to connect several main entry panels in 2Voice systems. Ready for assembly on DIN bar (10 modules).
1083/76	**EXPANSION FOR MAIN ENTRY PANEL** To be used to increase the maximum number of main calling stations in the system up to 16. The device has 4 input lines for connection to main door interfaces Ref. 1083/75 (1 for every 4 calling stations) and 4 output lines for connections to column interfaces Ref. 1083/50.
1083/94	**2VOICE WIRE. 100 METER REEL** 2Voice wire suggested for smaller installation. > 2Voice system wire 2x0,5 mm^2 > External diameter 6,4 mm > 100 metre reel
1083/92	**2VOICE WIRE. 200 METER REEL** 2Voice wire allows to achieve the maximum distance and extension. > 2Voice system wire 2x1 mm^2 > External diameter 6,5 mm > 200 metre reel
1083/69	**VIDEO SWITCH FOR 4 CCTV CAMERAS** Switch suitable for use in various applications. Considerably simplifies wiring in systems with several main switching video loudspeaking units and is provided with a specific control input for operating up to 4 cameras in cycle. Each input may also be operated by an alarm control. To be used with 1083/78 and 1083/9.

REFERENCES

BASIC ELEMENTS

1783/69	CCTV Interface, 4 cameras, Bus connection This device enables 4 control cameras to be connected on the Data Bus of the 2Voice system. The cameras are connected to the interface and use the Extended Video Signal Balun instead of coaxial cable. This devices can be associated to a plurality of user of the system or to just one of them.
1083/80	2VOICE SPECIAL DECODER Allows users to activate loads by pressing a button or following an event. Ready for assembly on DIN bar (6 modules).

2 wires everywhere

Entry panel   Power supply   Monitor
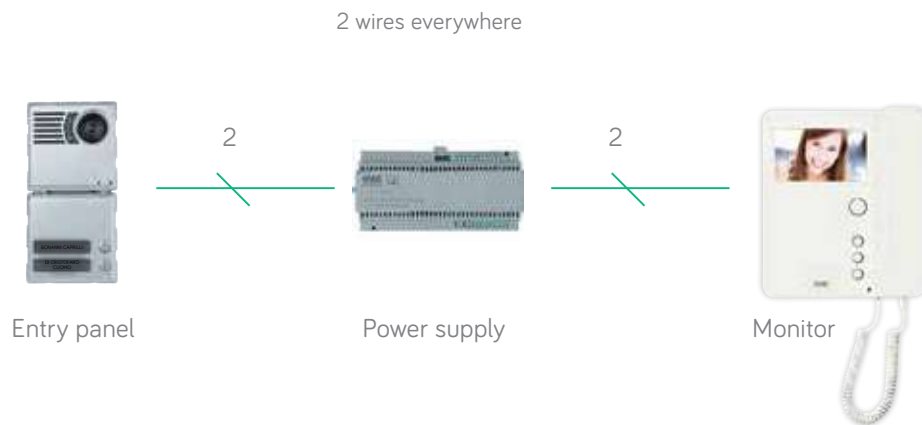
For more information on panels or video doorphone please refer to relative sections.

IPerCom system

The digital system entirely over CAT5/5e/6 cable or fiber optics, for building communication and security: video surveillance, access control, lift control and concierge. A server is not required. 1 wire for the whole system. Unlimited extension, risers and functions. Integrated functions connected to video-doorphone service.

All devices and functions are installed directly in the system, with no need for additional wiring. Easy installation and programming of the system, no need for specific skills or additional devices.

System's strengths:

• Easy to install within existing IP networks, without network setup or configuration on routers
• High number of main and secondary outdoor stations and more contemporary conversations
• IP camera display images connected to the same network and relay activation for additional services (eg. switching on lights, entry / exit management)
• Double level of security with separate passwords for the system administrator and for the installer; all the data flow is encrypted
• Each IPerCom user can benefit from the Urmet CallMe app which can forward video doorphone calls to the user's smartphone

IPERCOM SYSTEM ALLOWS INSTALLERS TO

> support up to 1000 IP devices
> work on existing networks with other devices already installed
> configure with the IPerCom Configurator program (already on the Max video door phone), also available for Android and MS Windows.

URMET CALL ME
Urmet **CallMe** APP for the end user can forward a video doorphone call to smartphones. From the APP you can answer your video doorphone, open the door and the driveway and, if necessary activate the MUTE function of the microphone.

GET IT ON Google Play   Download on the App Store

REFERENCES

BASIC ELEMENTS

1060/41	**RECEPTION EXCHANGE FOR COMPUTER** Atlantico-look door phone with USB connector and A/V plug for PC connection; allows an audio connection to the door phone in the reception exchange application.	
1039/44	**4 PORTS + 4 POE PORTS SWITCH** Switch with 8 ports, 4 of which PoE ports.	
1060/71	**SINTHESI STEEL OUTDOOR STATION WITH 1 BUTTON** Sinthtesi Steel design (2 modules), can handles up to 30 buttons with the expansion module Ref. 1155/82 (2 buttons) or Ref. 1155/84 (4 buttons) for a maximum of 32 buttons. Handles 2 electric locks; features hallway push-button and door open warning; input handling for external CCTV camera. Handles the ILA module for hearing empaired users Ref. 115/48 and DDA module with voice messages and LED system status Ref. 1158/47. Degree of protection: IP45 - IK09. White LED backlighting for buttons. Power supply: 48Vcc (through PoE)	
1060/74	**OUTDOOR STATION WITH BUTTONS - SINTHESI STEEL, EXIGO AND TITANIUM** Sinthesi Steel design style (2 modules). Includes colour camera with lighting. 2 call keys and audio module. Handles 2 electric locks; features hallway push-button and door open warning. Trim and recessed box included.	
1060/75	**OUTDOOR STATION WITH BUTTONS - SINTHESI STEEL, EXIGO AND TITANIUM** Same specifications as Ref. 1060/74 but for 60Hz system.	
1039/90	**IP OUTDOOR CABLE.** > In ground CAT5 cable > For use on common backbone > 100 m coil	
1039/100	**PACKAGE WITH 20 IP SIDE RJ45 CONNECTORS** Package with 20 RJ45 connetors with "URMET" marking for device connection. IP compatible.	
1039/101	**PACKAGE WITH 20 RISER SIDE RJ45 CONNECTOR** Package with 20 RJ45 connectors with "NO LAN" marking for IPerVoice riser device connection.	
1060/84	**SPECIAL IP - DECODER** To be used with the Ipercom system for the activation of electrical loads through double exchange relay able to operate in bistable or monostable timed mode. The device is connected to the IP network from which is Poe powered. Equipped with 2 relay outputs with dry contacts C-NC-NO (230Vac-5A) with resistive load and 2 inputs for external control buttons. Wall-mounted installation. Dimensions (W x H x D): 108 x 142 x 37 mm - 4.25 x 5.59 x 1.45 in	
1060/82	**IPERCOM SINTHESI STEEL IP PROXIMITY KEY READER, SINTHESI STEEL DESIGN** Sinthesi Steel aesthetics on 1 module it is able to read the transponder keys Sch. 1125/50. Equipped with 1 relay output for electric lock, entrance for hallway button, input for open door warning, tamper input, terminals for external power supply. Power supply: 48Vcc (via PoE); absorption: 100mA @ 48Vcc; degree of protection: IP45-IK09; relay output: dry contact C-NC-NO 3.5A-30Vdc.	

IPerVoice system

First digital system entirely over CAT5/5e/6 cable or fiber optics. IPerVoice uses 1 wire for the whole system. Unlimited extension, risers, users and functions.

All devices and functions are installed directly in the system, with no need for additional wiring.

System's strengths:

All controls are available at the indoor video-doorphone monitor, turning the concierge evolves into a control centre that gathers all building information in terms of:
• Video surveillance
• Concierge
• Intrusion detection
• Access control
• Lift control
The server allows supplementary functions such as storage of events on the system and the remote switchboard.

IPERVOICE SYSTEM

Is ideal for large complexes and offers unlimited:
> Extension and distance
> Risers
> Number of exchanges
> Number of users
> Number of calls at the same time
  (inside and outside apartment)

URMET CALL ME
Urmet **CallMe** APP for the end user can forward a video doorphone call to smartphones. From the APP you can answer your video doorphone, open the door and the driveway and, if necessary activate the MUTE function of the microphone.

REFERENCES

BASIC ELEMENTS

1039/1	**IP SYSTEM SERVER** With RJ45 port and two USB ports. Ready for mounted on wall and on DIN bar. With 2.5" HDD. On/off button and LED, reset button. Power supply unit included. > Dimensions (W x H x D) 172 x 55 x 114 mm - 6.77 x 2.16 x 4.48 in	
1039/100	**SET OF 20 RJ45 CONNECTORS IP SIDE** - Set of 20 RJ45 connectors with "URMET" print for connecting compatible IP devices.	
1039/101	**SET OF 20 RJ45 CONNECTORS COLUMN SIDE** Set of 20 RJ45 connectors with "NO LAN" print for connecting IP IperVoice column devices.	
1039/20	**UTP CAT5/5E/6 COLUMN POWER SUPPLY UNIT** - Power supply unit for IperVoice riser. Provided with two RJ45 connectors for inlet and output bus. With LED and trimmer for video signal equalisation. Dimensions DIN bar (10 modules)	
1039/34	**4-USER DISTRIBUTOR** Four user in column. With four RJ45 connectors for connecting users and two RJ45 connectors for input and output buses. Call floor for each user. Terminals for connecting the second audio channel to the column. Relay output for connecting to a floor alarm signal.	
1039/36	**INTERCOM DEVICE** For connecting four apartment devices (audio or video doorphones) allowing intercom functions. Up to four devices in a cascade for a total of 16 devices in parallel and intercommunicating in the same apartment. Dimensions DIN bar (6 modules). Local power supply with 1039/20.	
1039/37	**LIFT INTERFACE** Allows to supply door open information to the lift control unit of the building. Provided with 24 NO/C/NC relay outputs which can be associated to each user or group of users. Up to eight devices can be connected in cascade for a total of 192 commands. DIN bar (12 modules). Locally powered by 1039/20.	
1039/41	**PC CONCIERGE SWITCHBOARD** Atlantico doorphone with USB connector and A/V plug for connection to PC. Provides audio doorphone connection to concierge switchboard application.	
1039/44	**4 PORTS + 4 POE PORTS SWITCH** Switch with 8 ports, of which four are PoE.	
1039/50	**IP/RISER COLUMN GATEWAY** For interfacing IP backbone with riser column. DIN bar (10 modules).	
1039/56	**BLUETOOTH PROGRAMMING DEVICE** Interface for programming column devices using mobile phone or PDA. Provided with adapter cable	
1039/61	**APARTMENT ALARM INTERFACE** Interface board to be arranged inside URMET units 1061/004 and 1061/006.	
1039/69	**IPERVOICE VIDEO SERVER** For connecting 4 traditional cameras. The images are conveyed to IP bus and displayed on devices in the system (monitor, switchboards).	
1039/81	**IP SPECIAL DECODER** - Used in IperVoice systems to activate two electric loads with double-pole relays that can operate in bistable or timed monostable mode. The device is directly connected to the IP backbone	
1039/82	**IP READER ON SINTHESI S2** - Proximity key reader over IP bus.	
1039/90	**IP OUTDOOR CABLE** > UTP CAT5/5e/6 for buried installation > For use on common backbone > 100 metre reel	

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Analogue Video doorphone systems

Systems guide

ANALOGUE VIDEO SYSTEM		ANALOGUE AUDIO SYSTEM	
COAX	**5 WIRES**	**4+N**	**1+N**
FEATURES Large distances between camera and monitors. 4+n doorphone with electronic call are used. Very high number of configurations with b/w and colour video doorphones.	**FEATURES** Derived from the 1+n audio system for transforming 4+n audio system into video systems without adding a coaxial cable.	**FEATURES** Traditional and electronic call doorphone are used. Systems with intercom service and conversation privacy function to door unit and systems with several automatically switching entrances can be made.	**FEATURES** Ideal for transforming a typical door bell system into complete doorphone system without needing to add wires to the riser column. Conversation privacy guaranteed between apartments.

COMPARISON TABLE
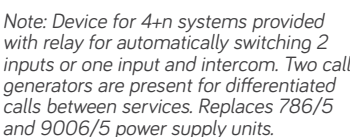
	COAX	5 WIRES	4+N	1+N
> No. of users	20			
> Distance between call module and apartment station	300 m	200 m	300 m	200 m
> Mixed audio/video	YES	YES	NO	NO
> Conversation privacy	NO	YES	NO	YES
> Intercom function	YES	NO	YES	NO
> Main/secondary doors	4 main or 1 main + No. secondary	4 main	4 main or 1 main + No. secondary	4 main
> Access control integration	YES			
> PABX connection options	YES	NO	YES	YES
> Compatibility with video surveillance system	NO			
> Technological alarm compatibility	NO			
> Switchboard	NO			
> Use of existing wiring	YES			
> Wire	Coax Rg59 + door phone cable	Door phone cable	Door phone cable	Door phone cable
> Kit	1748 series	1748 - 956 series	1122 - 1150 series	NO

APPLICATIONS

> Small systems	YES			
> Medium systems	YES			
> Large systems	NO			

Power supply units / accessories

DOORPHONE POWER SUPPLY UNITS

REF.	DIN MOD.	ELECTRICAL SPECIFICATIONS	NO. OF DEVICES CALLED IN PARALLEL
786/11	3	> Power: 230Vac > Audio circuit: 6Vcc@0,12A > Electric lock power: 12Vca@2A > Tone generator: 8Vpp > Intercom audio circuit: 3,5-6,5@0,12A > Power dissipated after one hour of work: 4,2 W > Transformer power: 28VA > (W x H x D) 61 x 54 x 90 mm - 2.4 x 2.12 x 3.54 in	4 with electronic call 2 with traditional call *Note: Device with call generator to be used in basic 4+n doorphone systems. Use bracket kit 786/50 for fixing to the wall. Replaces 786/1, 786/14, 786/38 and 9006/1 power supply units.*
786/12	-	Same specifications as ref. 786/11 but 110 Vac power supply	
786/13	6	> Power: 230Vac > Audio circuit: 6Vcc@0,12A > Electric lock power: 12Vca@2,4A > Tone generator: 8Vpp > Intercom audio circuit: 3,5-6,5@0,12A > Relay contact capacity: 5A@12Vac > Power dissipated after one hour of work: 4,2 W > Transformer power: 28VA > (W x H x D) 61 x 90 x 108 mm - 2.4 x 3.54 x 4.25 in	4 with electronic call 2 with traditional call *Note: Device with 2 call generators to be used in basic 4+n doorphone systems. Two call generators are present for differentiated calls between services. It is supplied with one timed relay contact (0-25s) for controlling the electrical lock in case of long distances between door unit and apartment station. Replaces 786/1, 786/14, 786/38 and 9006/1 power supply units.*
786/15	6	> Power: 230Vac > Audio circuit:: 6Vcc@0,12A > Electric lock power: 12Vca@2,4A > Tone generator: 8Vpp > Intercom audio circuit: 3,5-6,5@0,12A > Relay contact capacity (7-8-9): 5A@12Vac > Relay contact capacity (1-2-3 e 4-5-6): 5A@12Vac > Power dissipated after one hour of work: 4,2 W > Transformer power: 28VA > (W x H x D) 61 x 90 x 108 mm - 2.4 x 3.54 x 4.25 in	4 with electronic call 2 with traditional call *Note: Device for 4+n systems provided with relay for automatically switching 2 inputs or one input and intercom. Two call generators are present for differentiated calls between services. Replaces 786/5 and 9006/5 power supply units.*

VIDEO DOORPHONE POWER SUPPLY UNITS

REF.	DIN MOD.	ELECTRICAL SPECIFICATIONS	FUNCTIONS
789/5B	10	> Power: 230Vac > Audio circuit: 6Vcc@0,2A > Electric lock power: 12Vca@2A > Tone generator: 8Vpp > Consumption: 200mA > Timed output: 18Vcc@0,85A; 16Vcc@0,23Vac > Timer: 45-180s > Power dissipated after one hour of work: 5,7 W > Transformer power: 38VA > (W x H x D) 180 x 75 x 97 mm - 7.08 x 75 x 97 in	The device allows to: > Call up to 4 devices with electronic call > Switch on one Arco monitor or two Imago Signo / Utopia monitors at the same time *Note: Used for powering video doorphone systems with electronic call. Provided with selfresetting PTC protection, adjustable timer and call generator. Device 786/51 is needed in intercom systems.*
789/6B	10	Same specifications as ref. 789/5B but with 110 Vac power supply	
789/3	7	> Power: 230Vac > Consumption: 200mA > Timed output: 18Vcc@ 1,35A > Power dissipated after one hour of work: 5,7 W > Transformer power: 38VA > (W x H x D) 126 x 75 x 97 mm - 4.96 x 2.95 x 3.81 in	The device allows to switch on 2 Arco monitors or 3 Imago/Signo/Utopia monitors at the same time *Note: Used in combination with ref. 789/5B as local power supply pto switch on various video doorphones at the same time. Replace power supply unit 7073/5.*

NOTE: Type-approval IMQ-CE- CEI EN 60065 (except for code 786/11 which is IMQ-CE-VDE CEI EN 60065 approved)

Compatibility table apartment stations

VIDEO AND AUDIO ANALOGUE SYSTEMS

		COAX/4+N	5 WIRES/1+N
SIGNO		YES	YES
NEXO2		YES	YES
MÌRO		YES	YES
1130		YES	NO

Compatibility table entry panels

VIDEO AND AUDIO ANALOGUE SYSTEMS

		COAX/4+N	5 WIRES/1+N
SINTHESI STEEL		YES	YES
SINTHESI S2		YES	YES
> EXIGO **> EXIGO DIGITAL** **> TITANIUM** **> ALLINOX**		YES	YES
925		YES	YES

Video analogue systems

COAX SYSTEM

In **systems with coaxial cable**, 4+n door phones with electronic call are used, and it is possible to arrange many configuration combinations, both with b/w and colour video door phones. The coaxial cable can cover long distances between the camera unit and monitors and allows to arrange the same type of systems used with 4+n audio system.

Signo
7+Coax
6+(n-2)+Coax
6+(n-1)+Coax
Miro doorphone
n+1
Nexo2
7+Coax
4+n
1130 doorphone
6+(n-1)+Coax
789/5B
9+N+Coax
2
Electric lock
Sinthesi Steel
Sinthesi S2

5-WIRE SYSTEM

The **5-wire system**, deriving from the 1+n audio system, is suitable to transform 4+n audio systems into video systems without adding the coaxial cable and other wires inside the riser.

Conversation privacy guaranteed towards outdoor panel or multiple entrance in automatic switching system.

Signo
4+(n-4)
Signo
1130
Miro audio
1130 doorphone
5
5
Nexo2
925/601
925
5
Sinthesi Steel
Exigo
4+n
Sinthesi S2
Video power unit
8+n
2
Electric lock

Audio analogue systems

4+N SYSTEM

With **4+n systems** it is possible to create a system using 4 common wires plus "n" wires inside the riser, where "n" is the number of calls to manage.

Furthermore, the **4+n system** allows for door phones to be used with traditional call (on 12 Vac buzzer) or with electronic call (the loudspeaker of the same door phone is used to emit the calling sound) and to build systems in which the intercom service with conversation secrecy towards the outdoor station or systems with multiple inputs and automatic switching are required.

1130

Miro

4+(n-2)

5

4+(n-1)

5

4+n

2

Miro

786/11

9+n

Sinthesi S2

Sinthesi Steel
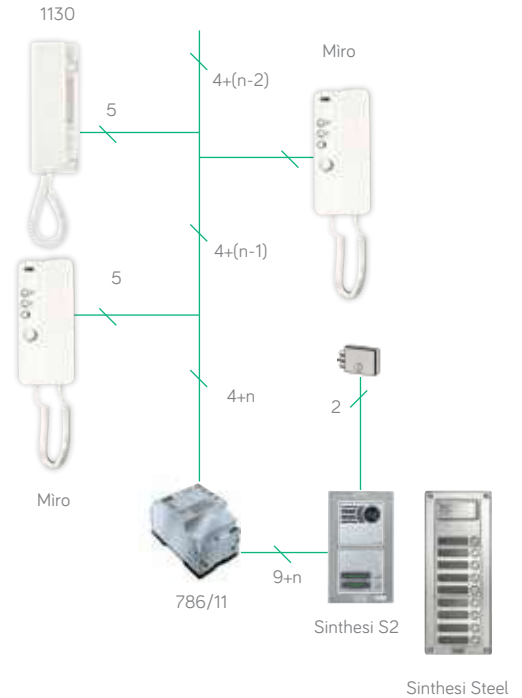
1+N SYSTEM

The **1+n system** is ideal for transforming a typical door bell system into a complete doorphone system without needing to add wires to the riser column. Conversation privacy is guaranteed between apartments.
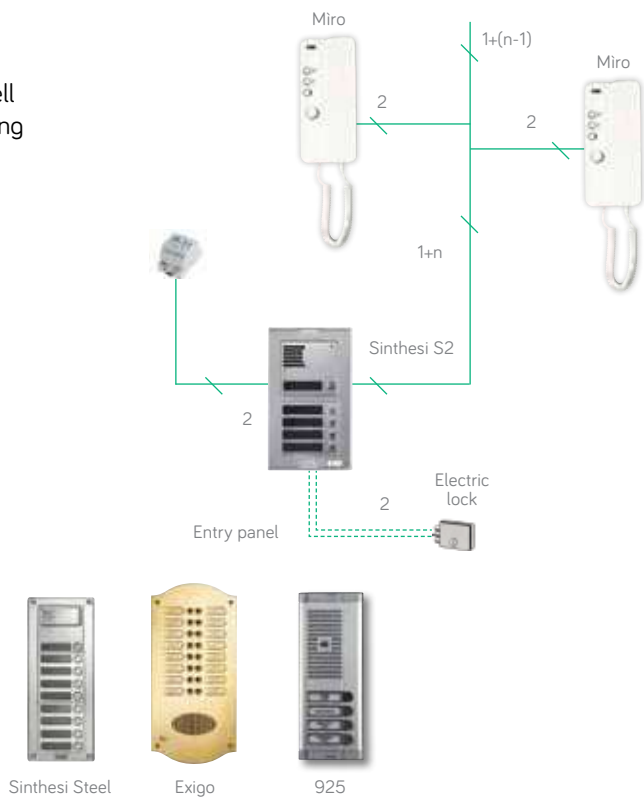
Miro

1+(n-1)

Miro

2

2

1+n

Sinthesi S2

2

Electric lock

2

Entry panel

Sinthesi Steel   Exigo   925

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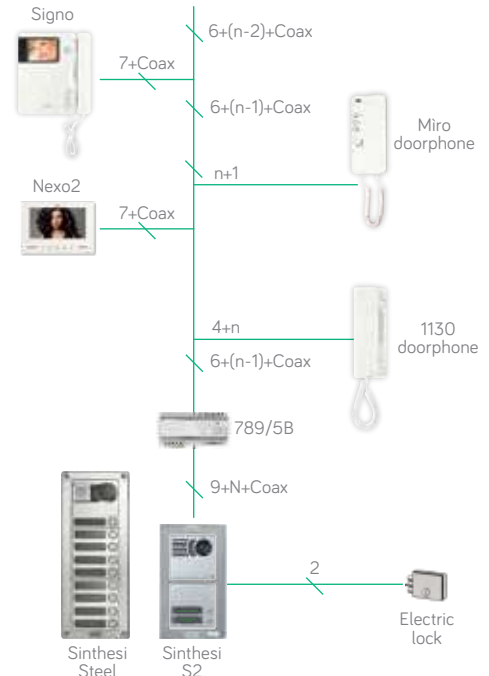
FIRE DETECTION

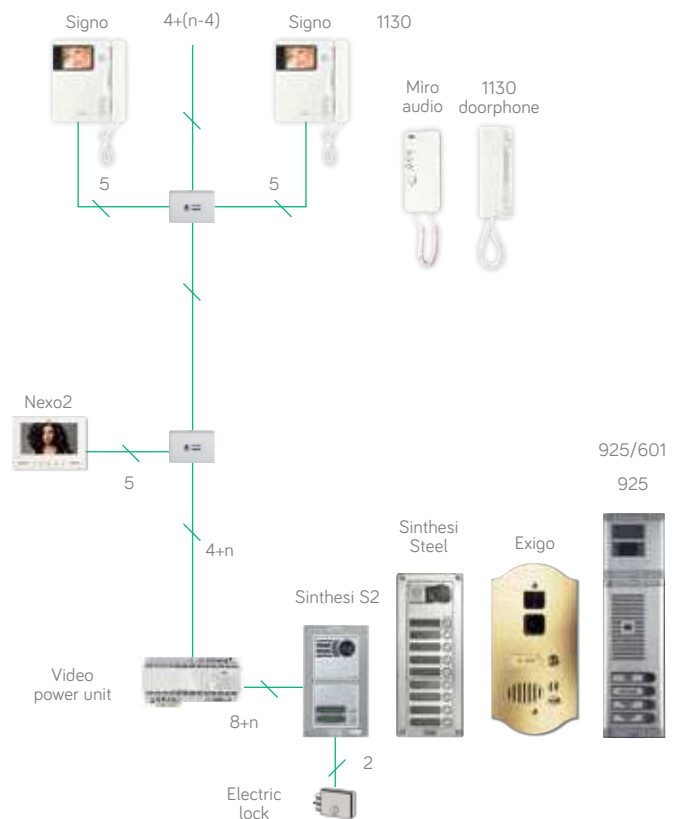VIDEO SURVEILLANCE

SECURITY KITS

SALES NETWORK

System's
accessories

Accessories

RELAY BOXES, TONE GENERATORS, TIMERS AND LINE PROTECTIONS

REF.	DIN MOD.	ELECTRICAL SPECIFICATIONS
788/51	6	> Power: 12Vac > Consumption: 0,18A@12Vac > Relay contact capacity (7-8-9): 5A@12Vac > Contacts capacity: 1A@12Vac > Dimensions (W x H x D) 108 x 90 x 55 mm - 4.25 x 3.54 x 2.16 in *Relay used to manage 2 audio/video loudspeaking units or 1 audio/video loudspeaking unit and automatic switching intercom service. Provided with 5 outputs, replaces relays 9332/1 788/1 and 4340/11.*
788/54	12	> Power: 12Vac > Consumption: 0,18A@12Vac > Relay contact capacity: 5A@30V > Contacts capacity: 2A@100V > Dimensions (W x H x D) 216 x 90 x 64 mm - 8.50 x 3.54 x 2.51 in *Relay used to manage up to 4 audio/video loudspeaking units or 1 audio/video loudspeaking unit and automatic switching intercom service. Provided with 5 outputs, replaces relay 788/4.*
788/58	6	> Power: 12Vac > Consumption: 0,18A@12Vac > Relay contact capacity: 5A@30V > Contacts capacity: 2A@100V > Dimensions (W x H x D) 108 x 90 x 55 mm - 4.25 x 3.54 x 2.16 in *Relay used to manage up to 4 audio/video loudspeaking units or 1 audio/video loudspeaking unit and automatic switching intercom service. Provided with 4 outputs, replaces relays 788/8 and 9332/8.*
788/52	3	> Power: 12Vca > Consumption: 0,18A@12Vac > Relay contact capacity: 5A@30V > Dimensions (W x H x D) 54 x 64 x 90 mm - 2.12 x 2.51 x 3.54 in *Relay used for repeating electronic/traditional calls or control a second electric lock. Provided with 2 outputs, replaces relays 788/11-788/21-788/30 and 788/5. For fixing to the wall using kit 786/50.*
788/22	-	> Power: 12Vca > Consumption: 200mA@12Vcc > Relay contact capacity: 1A@24V > Dimensions (W x H x D) 47 x 58 x 15 mm - 1.85 x 2.28 x 0.59 in *Relay used for repeating electronic/traditional calls. It is provided with an output and can be installed inside the doorphone.*

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RELAY BOXES, TONE GENERATORS, TIMERS AND LINE PROTECTIONS

REF.	DIN MOD.	ELECTRICAL SPECIFICATIONS	
1032/81	4	> Power: 12-24Vcc/Vac > Consumption: 200mA@12Vcc > Relay contact capacity: 5A@12Vac > Dimensions (W x H x D) 72 x 90 x 75 mm - 2.83 x 3.54 x 2.95 in *Electric lock timer.*	
789/51	2	> Power: 6Vcc > Consumption: 50mA > Dimensions (W x H x D) 36 x 75 x 103 mm - 1.41 x 2.95 x 4.05 in *Electronic impedance to be used in combination with the 789/5B power supply unit with coaxial and intercom service.*	
787/1	4	> Power: 12Vacv > Consumption: 250mA@12Vac > Dimensions (W x H x D) 75 x 72 x 103 mm - 2.95 x 2.83 x 4.05 in *Tone generator to be used for repeating electronic calls in 4+n audio systems and coax video systems. Calls two devices at the same time.*	
787/2	4	> Power: 12Vac > Consumption: 250mA@12Vac > Dimensions (W x H x D) 75 x 72 x 103 mm - 2.95 x 2.83 x 4.05 in *Tone generator to be used for repeating electronic calls in 1+n audio systems and 5-wire video systems. Calls two devices at the same time.*	
1382/85	2	> Max. load: 4000VA > Max. power: 20A > Dimensions (W x H x D) 36 x 90 x 58 mm - 1.41 x 3.54 x 2.28 in *230Vac power line protection device. To be used near the device to be protected.*	
1332/86	3	> Max. load: 4000VA > Max. power: 20A > dB attenuation: 60dB@2MHz > Dimensions (W x H x D) 37 x 90 x 58 mm - 1.45 x 3.54 x 2.28 in *Radiofrequency filter on 230Vac feeding line. To use in case of radiofrequency interference on the system.*	
9000/230	3	> Power: 230Vac > Secondary output: 12Vac@1,3A > Transformer power: 18VA > No. of devices called in parallel: 2 with traditional call *Note: Transformer provided with PTC self-resetting protection in event of short-circuit.*	

Ringers

Urmet has a complete range of traditional ringers, compatible with all system types. Mistral integrates the range with a series of amplified ringers which can emit a flash of light.

TRADITIONAL RINGERS

		2VOICE	IPERVOICE	DIGIVOICE	COAX	5 WIRES	4+N	1+N
1072/59	*Emits a three-note tone and can be customised.* *9Vdc battery needed.*	●	●	●				
9854/43	*For 4+n traditional call systems*				●	●	●	●
Dimensions (W x H x D) 80 x 80 x 32 mm - 3.14 x 3.14 x 1.25 in								

MISTRAL WIRELESS RINGERS

4311/701*	**MISTRAL KIT WITH CALL REPEATER AND WIRELESS RINGER** The kit includes a repeater 4311/13 and a ringer with range of 100 m and choice of three ring tones.

* NOTE: Contact the sales network for availability.

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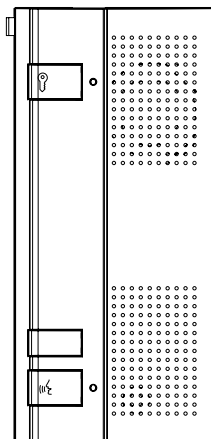
SALES NETWORK

Ref. 752 Duo Hands-free

Duo hands-free sends the call from entry panel to apartment station speaker, allows two-way communication and operates the door lock in addition to other supplementary services.

FEATURES

752/33

195 ↗ 32
88
(H x W x D) mm

7.67 ↗ 1.25
3.46
(H x W x D) in
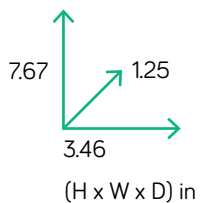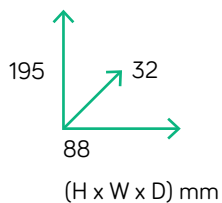
> Duo: two call-switching panels with conversation privacy function and wire in column

REFERENCES

DUO APARTMENT STATIONS

752/33

UTOPIA DUO HANDS-FREE MOD. 752. MATERIAL: WHITE ABS
Provided with door opening button, audio button, supplementary service button, adjustable call volume with open door mute and LED indicators. Full-Duplex operation. May replace Superjolly doorphone Ref. 4340/23 with the addition of a buzzer Ref. 9854/52. Suitable for wall-mounting or flush-mounting using box Ref. 752/60.
> Wall-mounted installation dimensions (W x H x D): 88 x 155 x 40 mm - 3.46 x 6.1 x 1.57 in
> Flush-mounted installation dimensions, including frame (W x H x D): 128 x 230 x 13 mm - 5.03 x 9.05 x 0.51 in

ACCESSORIES

752/60

FLUSH-MOUNTING BOX WITH UTOPIA DUO WALL FRAME
This is used to install the Duo hands-free doorphone Ref. 752 flushed with the wall.
> Flush-mounting box dimensions (W x H x D): 209 x 104 x 32 mm - 8.22 x 4.09 x 1.25 in
> Frame dimensions (W x H): 230 x 128 mm - 9.05 x 5.03 in

SUPPLEMENTARY RINGERS

9854/43

SUPPLEMENTARY RINGER
Suitable for use as supplemenary ringer in electronic and traditional call systems.
> Dimensions (W x H x D) 80 x 80 x 32 mm - 3.14 x 3.14 x 1.25 in

9854/56

SUPPLEMENTARY ELECTRONIC BUZZER
Suitable for use as supplementary ringer in electronic and traditional call systems.
Insert in doorphone or in video doorphone bracket.
> Consumption: 60 mA@12Vac; 15 mA@12Vcc
> Power: 12Vcc or 12Vac

RELAYS

788/52

RELAY BOX WITH 2 SWITCHES
Provided with 2 switches for repeating the call to other devices or activating a secondary function.

788/51

RELAY BOX FOR 2 AUDIO/VIDEO FUNCTIONS
Relay used to manage up to 2 audio/video loudspeaking units or 1 audio/video loudspeaking unit.

POWER SUPPLY

752/20 ▣ ⊕

POWER UNIT FOR DUO AUDIO SPEAKER DOORPHONE SYSTEM
Provided with built-in call tone generator and Int-Ext audio signal amplifier. Suitable for use in Duo speaker doorphones. May replace power unit 4340/20. Provided with built-in call tone generator and Int-Ext audio signal amplifier.
> Power: 110 - 230 Vca - 50/60 Hz
> Transformer power: 28 VA
> Dimensions (W x H x D) 9 DIN modules, 162 x 108 x 75 mm - 6.37 x 4.25 x 2.95 in

MICROPHONE MODULES AND MODULE WITH LOUDSPEAKING UNIT

1148/70

SINTHESI S2 MICROPHONE MODULE FOR DUO SPEAKERPHONE AUDIO SYSTEM
> For use in Duo speakerphone systems only with built-in microphone
> Module dimensions (W x H) 90 x 90 mm - 3.54 x 3.54 in
> Degree of protection: IP42

1148/75

SINTHESI S2 SPEAKER MODULE FOR DUO SPEAKERPHONE AUDIO SYSTEM
> For use in Duo speakerphone systems only with built-in speaker.
> Module dimensions (W x H) 90 x 90 mm - 3.54 x 3.54 in
> Degree of protection: IP42

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Communication kits

Everything you need on one box

Solutions for every systems: single/two-family kits and system base kits

A convenient package contains everything you need to install a door phone and video door phone system, offered at attractive prices. Practical, convenient, simple to choose and to install. Urmet Kits are the ideal solution for video door phone applications.

SINGLE/TWO-FAMILY VILLA KIT
Whether audio or video, the solution comes in one box

Mikra   **Sinthesi Steel**   **Mikra2**   **Mikra Audio**

CXModo   **Max** NEW   **Mìro range**   **Simply**   **Utopia**

2VOICE AND 4+N SYSTEM BASE KITS
Everything you need for a system base in one package

Alpha NEW   **Sinthesi Steel**   **Sinthesi S2**

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Villa kits
Mini Note+ kit and call forwarding

2 WIRES

KITS

1722/858	SINGLE-FAMILY MINI NOTE+ KIT WITH CALL FORWARDING DEVICE

1722/858

SINGLE-FAMILY MINI NOTE+ KIT
WITH CALL FORWARDING DEVICE
The Mini Note+ kit consists of a Mikra entry panel and CX Modo 7" touch screen monitor. Simple to install and use, it also includes building automation functions thanks to the integration with the Yokis technology. - The kit includeS:
> n. 1 ref. 1722/111 - Mikra wall-mounted entry panel made of Zama with CCD colour camera and outdoor station
> n. 1 ref. 1722/87 - CX Modo 7" touch screen monitor
> n. 1 ref 1722/20 - 2-wire power unit
> n. 1 ref. 1722/58A - Call forwarding device

WHY CHOOSE IT?
Because it is the **ONLY ONE** that:
> does not imply replacement of the existing device
> does not require local power supply in installations up to 12 users
> allows intercom calls
> it is equipped with RJ45 port for wired connection, if WiFi is not present or out of reach

URMET CALL ME
The Urmet **CallMe** APP, designed for the final user, forwards video door entry calls on your smartphone. From the APP it is possible answer the video door phone, open the door and the driveway and activate the Mute function when needed.

REFERENCES

Call Me

2 WIRES

CALL FORWARDING DEVICE

| 1722/58A | **CALL FORWARDING DEVICE FOR MINI NOTE+ KIT**
DIN bar device (8 modules). Allows forwarding on smartphones and tablets of video door entry calls, and intercom calls. Possibility for wall mounting using the dedicated kit (ref. 1083/88) | ● | |

ACCESSORIES

1722/87	**SUPPLEMENTARY CX MODO 7" MONITOR** - The 7 " hands-free Cx Modo video door phone provides image memory and the possibility of activating radio services with the use of YOKIS receivers; with a user friendly graphical interface and touch screen display.
1722/22	**LOCAL POWER SUPPLY** - To be used in case of several video door phones in parallel in one apartment
1722/55	**VIDEO DISTRIBUTOR** - Connection for input bus, output bus and 2 indoor derivations; equipped with a short circuits protection on the outputs
1122/60	**FLUSH-MOUNTING BOX WITH FRAME FOR MIKRA PANEL**
1083/88	**WALL-MOUNT INSTALLATION KIT FOR THE CALL FORWARDING DEVICE -** Plastic material. Dimensions (W x H x D): 155 x 132 x 45 mm - 6.10 x 5.19 x 1.77 in
1083/24	**LOCAL POWER UNIT FOR CALL FORWARDING DEVICE** Up to a maximum of 12W. Dimensions: 2 DIN modules

Cx Modo contains a Yokis transmitter module that radio connects directly with the receiving modules in the electrical system to manage up to 8 services and 4 scenarios.

Thanks to the integration with Yokis building automation, the Mini Note+ kit can manage central controls, timing of indoor and outdoor lighting, window shutters as well as some other functions, such as **garden irrigation, light and shutter management**.

Yokis®
URMET|GROUP

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IP villa kit

The new vandal resistant Villa IP Kit is complete and does not require any additional devices. The Max monitor already features CallMe APP for call forwarding, Urmet Cloud and

My1067+, which allow to control cameras and alarm systems in a simple and user-friendly way and the Yno APP allows you to manage and customize your Smart Home system.

Extensible to 2 users and 2 outdoor stations

Optional addition of other surveillance cameras

Cloud camera monitoring and intrusion alarm via APP

Yokis
Radio mode scenario and activation control

IK09
Shock resistance

IP45
Protection against the infiltration of liquids and fine dust

Video surveillance

Intrusion alarm

Building automation

WHY CHOOSE IT?
The call forwarding function is compatible with all indoor stations of the **IPerCom and IperVoice lines by Urmet**.

All it takes to use it are an internet connection, configure it on the system and install the **CallMe** app on your smartphone.

Call Me

URMET CALL ME
Max allows to forward a video doorphone call on smartphones and tablets through the **CallMe** App. From the APP you can answer your video doorphone, open the door and the driveway and, if necessary activate the MUTE function of the microphone.

GET IT ON Google Play

Download on the App Store

FEATURES

> Video self insertion
> Electronic call
> Colour camera panel
> Call volume adjustment and Mute function
> Voice volume adjustment int/ext channel
> Brightness and contrast adjustment
> Push button for additional services such as stair lights, second electric lock
> Door lock release under timing (300ms - 3s - 6s)

REFERENCES

			IPERVOICE	IPERCOM	
KITS					
1060/611	**IP ONE-FAMILY VANDAL RESISTANT VILLA KIT** The kit includes: > n. 1 ref. 1717/31 - Max 7" touch screen built-in home monitor > n. 1 ref. 1060/71 - POne-button Sinthesi Steel entry panel > n.1 4-port PoE switch Possibility of expanding the two-family kit by purchasing separately the Ref. 1717/31 monitor and the Ref. 1758/108 2-buttons Sinthesi Steel module.		●	●	

ACCESSORIES	
1060/71	1-button entry panel on 2 Sinthesi Steel modules
1717/31	Max 7" touch screen monitor for Kit 1060/611
1060/84	Special IP decoder. Fitted with 2 NO-C-NC relay contacts
1758/108	2-button 1 Sinthesi Steel module for kit 1060/611

Max contains a Yokis transmitter module that radio connects directly with the receiving modules in the electrical system to manage up to 8 services and 4 scenarios

Thanks to the integration with Yokis building automation, the Mini Note+ kit can manage central controls, timing of indoor and outdoor lighting, window shutters as well as some other functions, such as **garden irrigation, light and shutter management**.

Yokis®
URMET|GROUP

The Max monitor already features Urmet Cloud, My1067+ ,Yno and iUVS plus APPs which allow to control cameras, Smart Home functions and the alarm systems in a simple and user-friendly way.

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2-wire villa kits
with 2Voice technology

CallMe
READY

2VOICE

KIT

1784/761	**ONE-FAMILY VILLA COLOUR KIT WITH MÌRO VIDEO DOOR PHONE** > n. 1 Mikra2 wall-mounted entry panel made of Zamak with CCD colour camera and outdoor station > n. 1 2-wire power supply > n. 1 Mìro video door phone	●
1784/771	**ONE-FAMILY VILLA COLOUR KIT WITH MÌRO HANDS-FREE VIDEO DOOR PHONE** > n. 1 Mikra2 wall-mounted entry panel made of Zamak with CCD colour camera and outdoor station > n. 1 2-wire power supply > n. 1 Mìro 4,3" hands-free video door phone	●
1784/762	**TWO-FAMILY VILLA COLOUR KIT WITH 2 MÌRO VIDEO DOOR PHONES** > n. 1 Mikra2 wall-mounted entry panel made of Zamak with CCD colour camera and outdoor station > n. 1 2-wire power supply > n. 2 Mìro video door phones > n. 1 video distributor	●
1784/772	**TWO-FAMILY VILLA COLOUR KIT WITH 2 MÌRO VIDEO DOOR PHONES** > n. 1 Mikra2 wall-mounted entry panel made of Zamak with CCD colour camera and outdoor station > n. 1 2-wire power supply > n. 2 Mìro 4,3" hands-free video door phones > n. 1 video distributor	●

OPTIONAL

Mìro

Power supply

1784/661 and 1784/671
wiring diagram

CCTV Interface

ACCESSORIES

1750/51	**WIRE COVER TRIM FOR VIDEO DOOR PHONE MOD. MÌRO** To be used for retrofit projects on video door phones mod. Signo and Atlantico.	
1750/52	**TABLE STAND FOR HANDS FREE VIDEO DOOR PHONE MOD. MÌRO** Table stand for video door phone mod. Mìro	
1750/60	**FLUSH-MOUNTING KIT FOR HANDS-FREE VIDEO DOOR PHONE MOD. MÌRO** Kit for flush mounting of video door phones mod. Mìro Ref. 1750/5 and Ref. 1750/6	
1083/58A	**2VOICE CALL FORWARDING DEVICE** DIN rail device (8 modules). Allows video door phone, telephone exchange and intercom call forwarding on smartphones and tablets. It can be surface wall-mounted using the dedicated kit (item no. 1083/88). It does not require any additional dedicated power units in systems with up to 12 users.	
1083/88	**WALL-MOUNT INSTALLATION KIT FOR THE CALL FORWARDING DEVICE** Plastic material, dimensions: 155 x 132 x 45 mm - 6.10 x 5.19 x 1.77 in	
1083/24	**LOCAL POWER UNIT FOR CALL FORWARDING DEVICE** Up to a maximum of 12W, dimensions: 2 DIN modules.	

2-wire villa kits

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1722/83	ONE-FAMILY COLOUR VIDEO KIT WITH MIKRA PANEL AND HANDS-FREE MÌRO VIDEO DOOR PHONE. The kit includes: > n. 1 ref. 1722/111 - Mikra wall-mounted entry panel made of Zamak with CCD colour camera and outdoor station > n. 1 ref. 1722/88 - Mìro 4,3" hands-free video door phone > n. 1 ref. 1722/20 - 2-wire power supply	●
1722/84	KIT VILLA 2 FILI BIFAMILIARE CON DUE VIDEOCITOFONI VIVAVOCE MÌRO A COLORI E PULSANTIERA MIKRA. Il kit è composto da: > n. 1 ref. 1722/111 - Mikra wall-mounted entry panel made of Zamak with CCD colour camera and outdoor station > n. 2 ref. 1722/88 - Mìro 4,3" hands-free video door phone > n. 1 ref. 1722/20 - 2-wire power supply	●

ACCESSORIES

1722/88	MÌRO SLAVE MONITOR FOR 1722/83 AND 1722/84 KITS
1722/58A	2VOICE CALL FORWARDING DEVICE DIN bar device (8 modules). Possibility of wall mounting by means of a dedicated kit (ref. 1083/88). In systems up to 12 users it's not necessary any additional dedicated power supply.
1083/88	WALL-MOUNT INSTALLATION KIT FOR CALL FORWARDING DEVICE Plastic material. Dimensions (H x W x D) 155 x 132 x 45 mm - 6.1 x 5.19 x 1.77 in
1083/24	LOCAL POWER UNIT FOR CALL FORWARDING DEVICE Up to a maximum of 12W; 2 DIN modules
1722/11	MIKRA WALL-MOUNTED ENTRY PANEL MADE OF ZAMA WITH CCD COLOUR CAMERA AND OUTDOOR STATION FOR 1722/83 KIT

1722/83 and 1722/84 wiring diagram

with control unit monitor

OPTIONAL

with control unit power supply

OPTIONAL
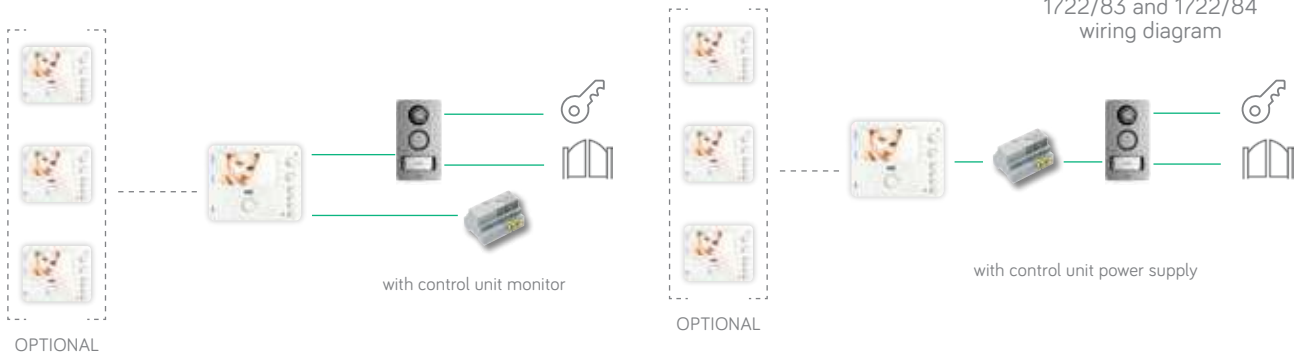
FEATURES (1722/83 and 1722/84)

> Video auto-on function
> Non-polarized 2 wires
> Up to 4 monitors in parallel
> Second gate command available
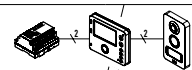
	SYT1 (∅0,8 mm)	10 m	130 m
	TWISTED PAIR (∅0,6 mm)	10 m	130 m
	CAT5	10 m	100 m
	LEAD WIRE (1,0 mm^2)	50 m	100 m

2-wire villa kits

2 WIRES

KIT

956/81	**SINGLE-FAMILY KIT WITH SIMPLY COLOUR MONITOR AND ZAMAK MIKRA ENTRY PANEL.** The kit includes: > n. 1 ref. 956/113 - Mikra wall-mounted entry panel made of Zamak with CCD colour camera and outdoor station > n. 1 ref. 956/82 - Simply video door phone > n. 1 ref. 956/111 - 2-wire power supply	●

ACCESSORIES

1122/60	Flush-mounting box with frame for Mikra kit entry panel
956/82	Simply slave video door phone for 956/81 kit
956/113	Mikra entry panel for 956/81 kit
956/111	2-wire power supply

956/81 kit
wiring diagram

2

2

4

OPTIONAL
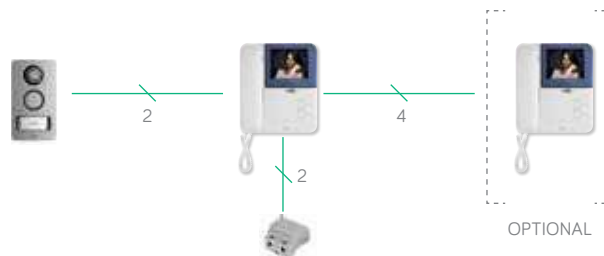
FEATURES

> Video auto-on function
> Electronic call
> Colour camera pushbutton panel
> Volume adjustment with Mute and visual warning
> In/out audio channel volume adjustment

> Contrast and brightness adjustment
> Supplementary button for secondary electric lock/staircase light
> Max 2 parallel connected video door phones
> Timed electric lock opening (300ms - 3s - 6s)

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2 WIRES

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		2 WIRES
1122/31	ONE-FAMILY 2WIRE KIT WITH UTOPIA DOOR PHONE AND MIKRA ENTRY PANEL	●

ACCESSORIES

1129/52	Additional door phone for 1122/31 2-wire audio kit
9854/43	Additional chime for electronic call

NOTE: for accessories for apartment stations, please refer to the dedicated section

Wiring diagram
BEFORE

2   2

1122/31 wiring diagrams
(options) automatic gate

2   2   2

2
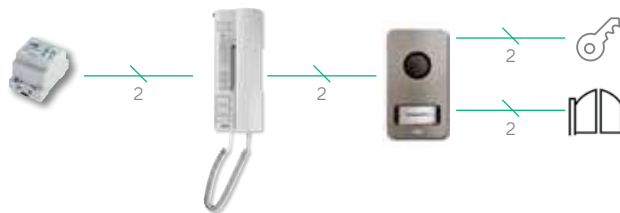
FEATURES

> Can open a second gate without adding any wires
> Selectable ring tones
> Selectable preferred converstion mode: hands-free or button pressed (1122/61 kit only)
> Full-duplex audio
> Up to 5 door phones in parallel (5 wires)
> Call volume adjutstment with Mute mode

> Max distance 110 m
> Power supply 12Vac

REQUIREMENT
• Turning a belle system into a door phone system with voice call service and door opening.

Mìro and Mikra villa kits

KITS

4+N

1122/601	ONE-FAMILY 4+N WIRE KIT WITH MÌRO DOOR PHONE AND MIKRA ENTRY PANEL	•
1122/619	ONE-FAMILY 4+N WIRE KIT WITH MÌRO DOOR PHONE AND MIKRA ENTRY PANEL Same specification as ref. 1122/601 but for 60 Hz systems	•

ACCESSORIES

1150/1	Mìro slave door phone for 1122/601 4+n audio kit
9854/43	Additional chime for electronic call

NOTE: for accessories for apartment stations, please refer to the dedicated section.

wiring diagram for 1122/601
single-family door phone

4+1

4+n

2

2
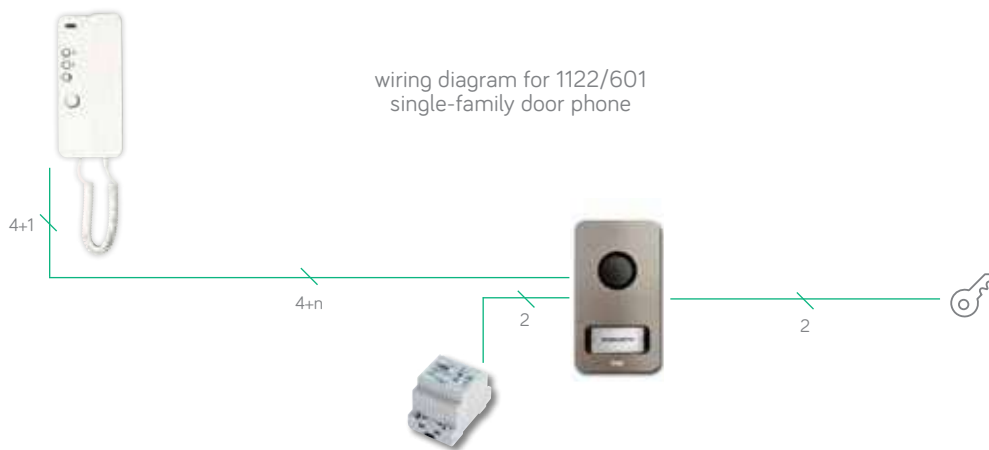
FEATURES

> Preset to manage second call from entry panel
> Possibility of adding 2 supplementary buttons to each door phone for a total of 3 for operating secondary services
> Possibility of managing up to 2 audio inputs with the addition of relay box 788/51, entry panel 1122/1 (single-family)

> Up to 2 door phones ref. 1150/1 in parallel
> Max distance 300 m
> Power supply 12Vac

REQUIREMENT
• Installing an audio system with 1 or 2 inputs for single or two-family house systems

System base kits

Available with Alpha, Sinthesi Steel and Sinthesi S2 entry panels, Urmet's expandable single and two-family kits create a system capable of growing along with building needs, by the simple addition of button modules.
Doorphones and video doorphones (to choose from available aesthetics) are already equipped with additional keys to give more function flexibility and use. Each package represents a solution that offers the advantages and convenience of ready-to-install base components.

COMPATIBLE DESIGN STYLES

Alpha

Sinthesi Steel

Sinthesi S2

Prodel
URMET|GROUP

For further information on Sinthesi Steel customisation options, please contact PRODEL at +39 011-2484103 or write to info@prodeltorino.it for a personalised quote.

Sinthesi Steel is also available in PVD colours

FEATURES

> All base system components
  come in one package
> Broad choice of design styles
> New 2Voice kit serie with Alpha entry panel

COMPATIBLE WITH 2Voice 4+N

2Voice
system base kits

These kits can be expanded thanks to the modular entry panel that can be expanded with additional modules, and because they use common devices found in Urmet systems such as 2Voice and the 5-wire video system.

		2VOICE	

ALPHA SYSTEM BASE KITS

1783/724 NEW	**AUDIO/VIDEO SYSTEM BASE KITS** Consisting of 1083/48 external audio/video unit and 1083/20A power unit. To be completed with front panel featuring 0-1-2 buttons for the external unit. It represents the minimum unit for a 2Voice system with an ALPHA push-button panel with keys. Expandable with additional modules and accessories, flush-mounting boxes and wall frames.	●	
1783/728 NEW	**AUDIO COLUMN KIT** Consisting of 1083/38 external audio unit, 1083/50 column interface and 1083/20A power unit. To be completed with front panel featuring 0-1-2 buttons for the external unit. Allows to create a secondary ALPHA audio push button panel in a 2Voice system. Expandable with additional modules and accessories, flush-mounting boxes and wall frames.	●	
1783/738 NEW	**VIDEO COLUMN KIT** Consisting of 1083/48 external audio/video unit, 1083/50 column interface and 1083/20A power unit. To be completed with front panel featuring 0-1-2 buttons for the external unit. Allows to create a secondary ALPHA video push button panel in a 2Voice system. Expandable with additional modules and accessories, flush-mounting boxes and wall frames.	●	
1183/622 NEW	**AUDIO SYSTEM BASE KIT** Consisting of 1083/38 external audio unit, 1083/20A power unit and 2 Miro 1183/5 intercoms. To be completed with front panel featuring 0-1-2 buttons for the external unit. It represents the minimum unit for a 2Voice audio system with an ALPHA push-button panel with keys. Expandable with additional modules and accessories, flush-mounting boxes and wall frames.	●	
1783/723 NEW	**AUDIO DIGITAL SYSTEM BASE KIT** Consisting of 1083/38 external audio unit, 1168/1 display module, 1168/46 numeric keypad module and 1083/20A power unit. To be completed with front panel featuring 0-1-2 buttons for the external unit. Allows to create an ALPHA digital audio push button panel in a 2Voice system. Expandable with additional modules and accessories, flush-mounting boxes and wall frames.	●	
1783/733 NEW	**KIT BASE IMPIANTO DIGITALE VIDEO** Consisting of 1083/48 external audio/video unit, 1168/1 display module, 1168/46 numeric keypad and 1083/20A power unit. To be completed with front panel featuring 0-1-2 buttons for the external unit. Allows to create an ALPHA digital video push button panel in a 2Voice system. Expandable with additional modules and accessories, flush-mounting boxes and wall frames.	●	

REFERENCES

		2VOICE	

SINTHESI STEEL SYSTEM BASE KITS

1783/705	SINTHESI STEEL SYSTEM BASE KIT > n. 1 ref. 1083/20A - 2Voice power supply > n. 1 ref. 1083/64 - Sinthesi Steel audio module with 2 pushbuttons > n. 1 ref. 1758/83 - Sinthesi Steel camera module	●	
1783/707	SINTHESI STEEL SYSTEM BASE KIT > n. 1 ref. 1083/20A - 2Voice power supply > n. 1 ref. 1083/14 - Sinthesi Steel call module with digital numerical keyboard	●	
1783/709	SINTHESI STEEL KIT FOR SECONDARY RISER > n. 1 ref. 1083/64 - Sinthesi Steel audio module with 2 pushbuttons > n. 1 ref. 1083/50 - Column interface. Device used for uncouple riser columns in complex 2Voice systems. Ready for assembly on DIN bar (10 modules) > n. 1 ref. 1083/20A - 2Voice power supply	●	
1783/719	SINTHESI STEEL VIDEO KIT FOR SECONDARY RISER > n. 1 ref. 1083/64 - Sinthesi Steel audio module with 2 pushbuttons > n. 1 ref. 1083/50 - Column interface. Device used for uncouple riser columns in complex 2Voice systems. Ready for assembly on DIN bar (10 modules) > n. 1 ref. 1083/20A - 2Voice power supply > n. 1 ref. 1758/83 - Sinthesi Steel camera module	●	
1183/603	TWO-FAMILY SINTHESI STEEL AUDIO KIT > n.1 ref. 1083/64 - Sinthesi Steel audio module with 2 pushbuttons > n.1 ref. 1083/20A - 2Voice power supply > n.2 ref. 1183/5 - 2Voice Mìro door phone > n.1 ref. 1145/51 - 1-module flush-mounting box > n.1 ref. 1158/61 - 1-module frame with frame holder	●	

Choose your video door phone: Mìro, Aiko or vModo

Right-side tab navigation:
GENERAL INDEX · INDOOR STATIONS · CALL FORWARDING · ENTRY PANELS · VIDEO DOORPHONE SYSTEMS · SYSTEMS ACCESSORIES · COMMUNICATION KITS · TELEPHONY · YOKIS SMART HOME · WIRED INTRUSION ALARMS · WIRELESS INTRUSION ALARMS · FIRE DETECTION · VIDEO SURVEILLANCE · SECURITY KITS · SALES NETWORK

2Voice
system base kits

SINTHESI S2 SYSTEM BASE KITS

1783/704	**SINTHESI S2 SYSTEM BASE KIT** > n. 1 ref. 1083/74 - Sinthesi S2 audio module with 2 pushbuttons > n. 1 ref. 1748/83 - Sinthesi S2 camera module > n. 1 ref. 1083/20A - 2Voice power supply	●	
1783/703	**SINTHESI S2 SYSTEM BASE KIT** > n. 1 ref. 1083/20A - 2Voice power supply > n. 1 ref. 1083/19 - Sinthesi S2 digital call module with alphanumeri keypad	●	
1783/708	**SINTHESI S2 AUDIO KIT FOR SECONDARY RISER** > n. 1 ref. 1083/74 - Sinthesi S2 audio module with 2 pushbuttons > n. 1 ref. 1083/50 - Column interface. Device used for uncouple riser columns in complex 2Voice systems. Ready for assembly on DIN bar (10 modules) > n. 1 ref. 1083/20A - 2Voice power supply	●	
1783/718	**SINTHESI S2 VIDEO KIT FOR SECONDARY RISER** > n. 1 ref. 1083/74 - Posto esterno audio Sinthesi S2 con 2 pulsanti > n. 1 ref. 1083/50 - Column interface. Device used for uncouple riser columns in complex 2Voice systems. Ready for assembly on DIN bar (10 modules) > n. 1 ref. 1083/20A - 2Voice power supply > n. 1 ref. 1748/83 - Sinthesi S2 camera module	●	
1183/602	**TWO-FAMILY SINTHESI S2 AUDIO KIT** > n. 1 ref. 1083/74 - Sinthesi S2 audio module with 2 pushbuttons > n. 2 ref. 1183/5 - 2Voice Mìro door phone > n. 1 ref. 1083/20A - 2Voice power supply > n. 1 ref. 1145/51 - 1-module flush-mounting box > n. 1 ref. 1148/61 - 1-module frame with frame holder	●	
1783/706	**2VOICE KIT FOR EXIGO ENTRY PANEL** > n. 1 ref. 1083/20A - 2Voice power supply > n. 1 ref. 1083/8 - Outdoor audio station for Exigo, Exigo Digital and Titanium design lines > n. 1 ref. 1810/40 - 50 Hz colour camera module for 2Voice systems Exigo is the panel with endless customizations and refined finishes, **NEW** in polished and satin brass with several chromatic variants such as chromed steel, gunmetal, bronze, ferromicaceous. Even the shapes can be defined according to need, thanks to Prodel's special processing.	●	

Choose your video door phone: Mìro, Aiko or vModo

148

4+N
system base kits

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4 +N

SINTHESI S2 SYSTEM BASE KITS

1150/301

ONE-FAMILY 4+N-WIRE KIT WITH MÌRO DOOR PHONE AND SINTHESI S2 ENTRY PANEL - The kit includes:
> n. 1 ref. 1150/1 - Mìro door phone
> n. 1 ref. 786/11 - Audio power unit
> n. 1 ref. 1148/61 - Sinthesi S2 frame
> n. 1 ref. 1145/51 - Flush-mounting box
> n. 1 ref. 1145/500 - Outdoor station
> n.1 ref. 1148/21 - Button module with 1 call pushbutton

1150/302

TWO-FAMILY 4+N WIRE KIT WITH MÌRO DOOR PHONE AND SINTHESI S2 ENTRY PANEL - The kit includes:
> n. 2 ref. 1150/1 - Mìro door phone
> n. 1 ref. 786/11 - Audio power unit
> n. 1 ref. 1148/61 - Sinthesi S2 frame
> n. 1 ref. 1145/51 - Flush-mounting box
> n. 1 ref. 1145/500 - Outdoor station
> n.1 ref. 1148/22 - Button module with 2 call pushbuttons
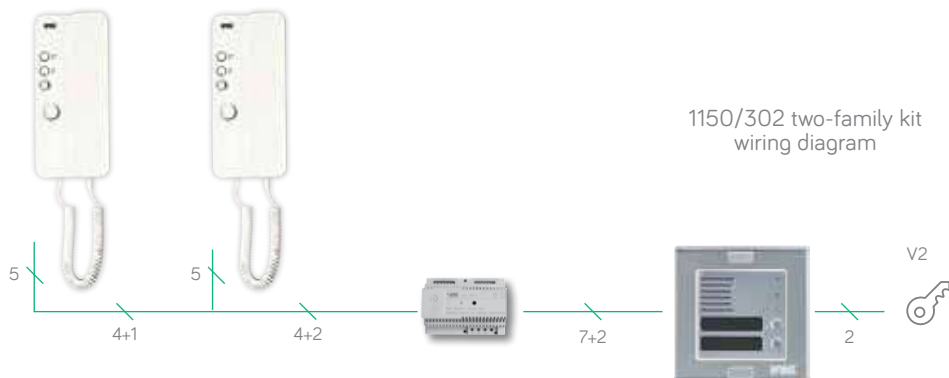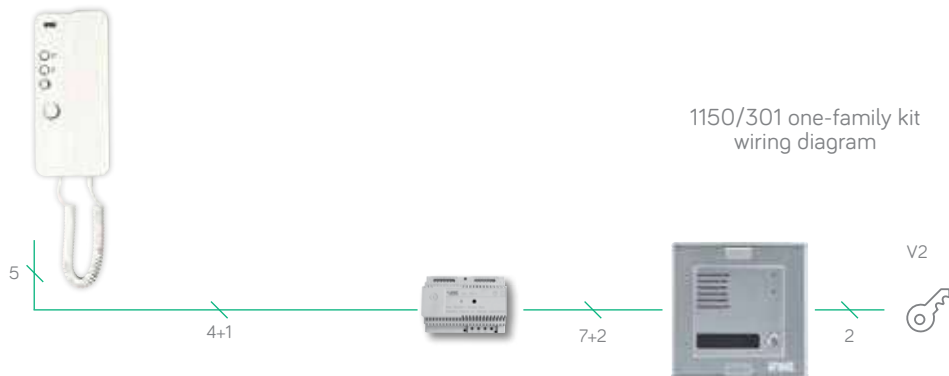
1150/301 one-family kit wiring diagram

1150/302 two-family kit wiring diagram

Telephony

From telephony to communication solutions

Telephony evolves with its functions into a tool capable of meeting a growing number of needs. Urmet's interfaces (analog, ISDN and GSM) and telephone integration modules offer multiple advantages.

> Communication becomes more practical and versatile: the telephone is no longer used for calls only but acts as a control device for door phone functions, including door opening. This is especially convenient in large homes or homes with a garden or in small companies.

> Fully hands-free operation for the utmost flexibility: simple Sinthesi outdoor station modules with integrated telephone functions provide a door opener system with advanced functions (multiple access management, light/camera activation, day/night, remote call), connection to PBX exchanges with intercom function.
> Significant saving: Urmet's innovative GSM and VoIP interfaces support alternative, low-cost telephone networks (GSM network and Internet).

iPerTAlk
VoIP IP PBX line (1375)

Audio telephones
VoIP line (1375)

Video telephones
VoIP line (1375)

Telephone interfaces
VoIP line (1375)

Audio telephones
Analog line

Telephone interfaces
Analog line

Protections and accessories

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iPerTAlk

iPer TAlk

iPerTAlk is a full-IP communication system able to manage the telephone functions typical of an PBX IP integrating them with the modern operating functions and new ways to communicate (door phone systems, video door phone systems, e-mails, SMS, CTI, etc.), therefore, it represents the best choice for those who want a modern approach to the use of multimedia resources.

The **iPerTAlk** phone exchange has been specifically designed to meet the many needs of companies and businesses for telephone services.

iPerTAlk, by exploiting the VoIP technology, integrates in a single platform the PSTN, ISDN, GSM and VoIP lines interconnecting with the different technologies, providing also advanced communication services like the advanced autoresponder, click2dial, voicemail, conversation recording, fax management as e-mail attachment, shared directory, Hotel functions, etc.

is an extremely modular software platform, that can be expanded both in terms of resources and functionalities, allowing the user to manage different operating segments of a single service centre (video phone calls, video door phone systems, video surveillance, access management). The iPerTAlk system is available in three basic configurations:

- iPerTAlk 4/12: equipped for the management of 1 line and 3 extensions, it supports up to 4 lines and 12 extensions
- iPerTAlk 8/40: equipped for the management of 4 lines and 12 extensions, it supports up to 8 lines and 40 extensions
- iPerTAlk 6/150: eequipped for the management of 3 line and 50 extensions, it supports up to 6 lines and 150 extensions, which in turn can be expanded, according to the real installation needs, through additional hardware devices and licences, that can be added at any time.

Thanks to the integrated web server, iPerTAlk offers a management graphic interface accessible both by the installer and users:
> the installer can configure the system in a simplified manner and perform the following support and maintenance activities also from remote, thanks to the cloud portal of iPerTAlk that offers a safe remote connection to the system.
> the users can make use of the functionalities offered by the system in a more comfortable way, moving the operation from the telephone to the PC, for example by using the click2dial. Different access profiles are required for the functions available, according to the different user categories.

iPerTAlk is the ideal solution for those who want to switch to VoIP gradually, without giving up or drastically change the telephone infrastructure currently in use: thanks to the gateways interfacing with the traditional lines and telephones, it is possible to use iPerTAlk alongside the telephone system already in use in order to widen the lines and managed extensions and add the advanced functions required.

The Voice over IP (VoIP) technology has radically changed the world of communications using the existing local networks. The VoIP technology has increasingly developed over the last few years in terms of quality and reliability. With these devices, it is possible to manage/share local lines in remote locations centralising them with the VoIP technology or to interface the traditional PBXs with the VoIP providers. Voice communications via the Internet have become simple with VoIP: all you need is an ADSL connection to talk with anyone is using the same system, with no additional costs.

FEATURES

> High modularity: expandable system both in terms of resources and functionalities
> Open system: possibility to interact with third-party devices and communication systems,
  through SIP standard protocol
> Lines: analogical, ISDN, GSM and VoIP (with overflow service)
> Extensions: analogical and VoIP, both audio and video, both local and on remote locations
> Least Cost Routing (LCR) of outbound calls based on origin, destination (national, international, mobile) and time slot
> Routing of inbound calls by time slot, with filter on calling person, called person, time slot, day of the week, date
> Advanced, interactive and multi-level autoresponder
  (DISA, interruptible telephony, multi-company, FAX detection, blacklist)
> Voicemail, forwarding the voice message via e-mail (or consultation through user interface or telephone)
> FAX2mail server
> Sending of text messages through GSM gateway or through web Provider
> Video-call support (telephone and video door phone calls)
> Personal and shared directory
> List of personal outbound/inbound/missed calls
> Recording of telephone conversations
> Hotel Functions: call charge, alarm clock, room status
> Connection in VoIP of users and remote locations via system VPN Tunnel
> User web interface for function customisation
> Configuration from web browser with step-by-step guided programming
> Remote maintenance, through the dedicated portal on Urmet Cloud and integrated system VPN

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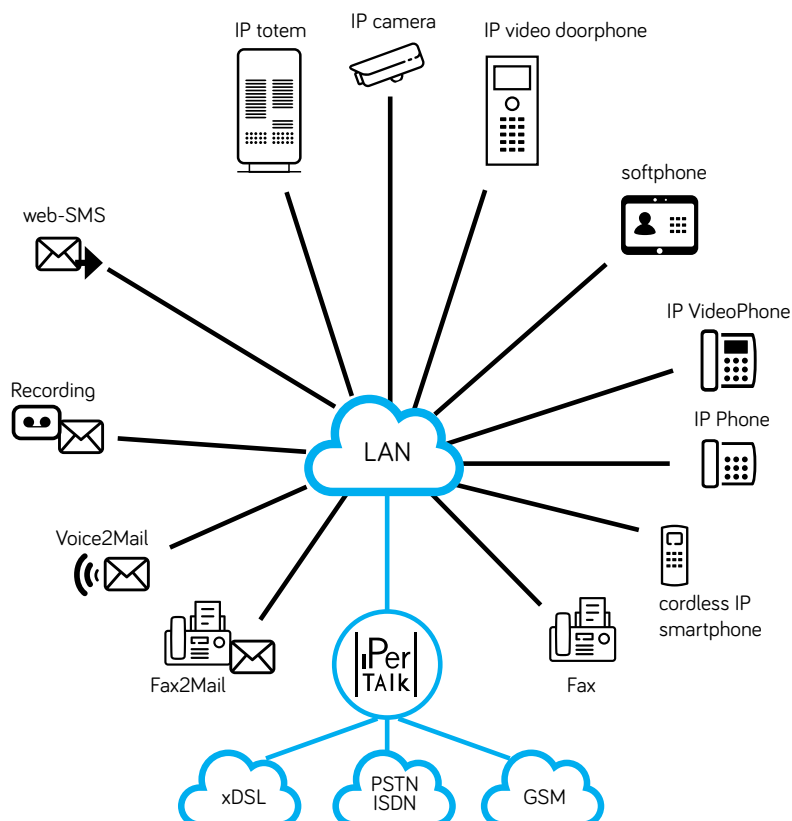
iPerTAlk PBX

IPERTALK PBX

1375/10 NEW	**IPERTALK IP PBX 4/12 EQ. 1/3** IP telephone system equipped with 1 licence for traditional lines and 3 licences for Urmet extensions and can support up to a maximum of 4 lines and 12 extensions, by means of additional licences. The system is provided also with the following features: customisable advanced autoresponder, voicemail for each user (with access to messages via e-mail, user web interface and extension), web interface for each user (to customise the extension and access to the additional functions), private and shared directory, administration interface.
1375/11 NEW	**IPERTALK IP PBX 8/40 EQ. 4/16** IP telephone system equipped with 3 licences for traditional lines, one licence for VoIP line and 16 licences for Urmet extensions and can support up to a maximum of 8 lines and 40 extensions, through additional licences. The system is provided also with the following features: customisable advanced autoresponder, voicemail for each user (with access to messages via e-mail, user web interface and extension), web interface for each user (to customise the extension and access to the additional functions), private and shared directory, administration interface.
1375/12 NEW	**IPERTALK IP PBX 6/150 EQ. 3/50** IP telephone system equipped with 2 licences for traditional lines, one licence for VoIP line and 50 licences for Urmet extensions and can support up to a maximum of 6 lines and 150 extensions, by means of additional licences. The system is provided also with the following features: customisable advanced autoresponder, web interface for operator Place user, voicemail for each user (with access to messages via e-mail, user web interface and extension), web interface for each user (to customise the extension and access to the additional functions), private and shared directory, administration interface.

LINE LICENCES

1375/201	LICENCE FOR 1 SIP JUNCTION CHANNEL	It activates 1/4 VoIP lines for as many 1/4 simultaneous calls between two iPerTalk systems, both local and remote.
1375/204	LICENCE FOR 4 SIP JUNCTION CHANNELS	
1375/211	LICENCE FOR 1 SIP PROVIDER CHANNEL	It activates 1/4 VoIP (SIP) lines with authentication, useful to manage 1/4 simultaneous calls to a VoIP provider or a third-party line gateway.
1375/214	LICENCE FOR 4 SIP PROVIDER CHANNELS	
1375/241	LICENCE FOR 1 URMET GW CHANNEL	Licence for 1 Urmet gw channel. It activates 1/4 SIP channels to manage 1/4 simultaneous calls through the Urmet gateways used for interfacing with traditional analogue lines (1375/862, 1375/864), ISDN (1375/872) and GSM (1375/881).
1375/244	LICENCE FOR 4 URMET GW CHANNELS	

LICENCES FOR LINE FUNCTIONS

1375/251	LICENCE FOR 1 RECORDING CHANNEL	It activates the simultaneous recording of 1/4 calls for any type of extension or line used.
1375/254	LICENCE FOR 4 RECORDING CHANNELS	
1375/270	FAX2MAIL SERVICE LICENCE	It enables all users to send FAXES through the dedicated web page and to receive them by email, as a PDF attachment.

iPerTAlk references table

EXTENSION LICENCES

1375/301	LICENCE FOR 1 URMET EXTENSION	It activates 1/4/16 Urmet audio terminals. At least one licence must be activated for each Urmet audio telephone extension to connect to the iPerTAlk system (both analogical and IP).
1375/304	LICENCE FOR 4 URMET EXTENSIONS	
1375/309	LICENCE FOR 16 URMET EXTENSIONS	
1375/311	LICENCE FOR 1 URMET VIDEO EXTENSION	It activates 1/4 Urmet audio terminals. At least one licence must be activated for each Urmet video telephone extension to connect to the iPerTAlk system.
1375/314	LICENCE FOR 4 URMET VIDEO EXTENSIONS	
1375/321	LICENCE FOR 1 GENERIC EXTENSION	It activates 1/4/16 third-party IP/SIP audio terminals. At least one licence must be activated for each third-party IP/SIP audio telephone extension to connect to the iPerTAlk system (telephone or ATA gateway).
1375/324	LICENCE FOR 4 GENERIC EXTENSIONS	
1375/329	LICENCE FOR 16 GENERIC EXTENSIONS	
1375/331	LICENCE FOR 1 GENERIC VIDEO EXTENSION	It activates 1/4 third-party IP/SIP video terminals. At least one licence must be activated for each third-party IP/SIP video telephone extension to connect to the iPerTAlk system (IP/SIP video phone, IP/SIP video door phone).
1375/334	LICENCE FOR 4 GENERIC VIDEO EXTENSIONS	

LICENCES FOR EXTENSION FUNCTIONS

1375/350	WEB OPERATOR PLACE LICENCE	It activates for 1 extension the GUI page dedicated to the Operator Place function, 1 Call Centre type Agent and relevant queue. This function allows the user to: - put multiple calls on hold in a dedicated waiting queue - select the call among those in the queue - search the contact in the directory - extension status with click2call call.
1375/411	1 WAITING QUEUE LICENCE	It activates 1/4 waiting queues to put incoming calls on hold to be later distributed in an intelligent manner towards the Agent type extensions, in call centre mode.
1375/414	4 WAITING QUEUES LICENCE	
1375/421	1 CALL CENTRE AGENT LICENCE	It activates on 1/4/8 extensions the possibility to take care of inbound calls from a queue or outbound calls based on the numbering list, according to the synchronisations provided by the distribution module of the ACD calls. This licence is subject to the availability of at least one ACD queue licence.
1375/424	4 CALL CENTRE AGENTS LICENCE	
1375/428	LICENZA 8 AGENTI CALL CENTER	

LICENCES FOR SYSTEM FUNCTIONS

1375/6	HOTEL ROOM CALL CHARGING LICENCE	It activates in the iPerTAlk system the GUI page dedicated to the management of call charges for Hotels.
1375/7	HOTEL SERVICE FIAS PROTOCOL LICENCE	It activates the module for the management of the FIAS protocol, for the interaction with CRM-ERP management systems and the autoresponders for the alarm clock and room status management.
1375/9	ROUTING PROFILE LICENCE	It activates a further profile for the management of the inbound call routing (in addition to the 3 provided by default by the system), for particular time intervals (for example: holidays, bank holidays, etc.).
1375/260	WEB-SMS SERVICE LICENCE	It activates for all users the web page dedicated to the management of text messages sent through a web service provider or a GSM gateway.

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IP/SIP phones and video telephones

Urmet updates its offer adding a new line for VoIP technology phones, with SIP standars. In particular, the U.TAlk range provides for: - two audio terminals, di cui una standard model (1375/805) and business model (1375/810), which can manage up to 6 extensions featuring 10 brightness programmable buttons for different services (internal status, direct call, incoming call, feature activation, etc.) - one 7" video touch terminal Android OS (1375/815), which can manage up to 10 extensions and allows a prompt consultation on a variety of information (internal status, direct numbers, system derivative status, call waiting, etc.) thanks to multiple screens. With this video phone it will be possible to manage video calls, receive and make video door phone calls and view the video streaming of a camera.

The telephones of the VoIP U.Talk range adapt to the needs of new technologies and are easy to use thanks to a simple and intuitive interface, where each function and call phase is managed with a dedicated button described with icons or text.

FEATURES

> Multiple SIP account
> Caller ID and Name display (if in phonebook)
> LED indicators for the status of extensions/functions (1375/810 and 1375/815)
> Programmable buttons for direct call, services and commands management (1375/810 and 1375/815)
> LCD display with backlighting

> Internal (private) and system directory (shared), with quick search
> Handset/hands-free/earphones
> Voicemail notification
> Call history (dialed/received/missed)
> 2 Ethernet ports (for PC connection)
> Powered by PoE or power supply

REFERENCES

VOIP TELEPHONES

U.TALK STANDARD PHONE

U.Talk STANDARD is the entry-level phone of Urmet VoIP range. The intuitive user interface enables rich telephony features with easy navigation and result in a cost-effective solution for enhancing workplace productivity.

1375/805 NEW

> Call Features: call waiting, call forward, call transfer, Call on hold, 3-way conferencing, mute, DND, Speed dial, hotline, Redial, auto redial, call return, auto-answer
> Dial plan settings
> Directory with quick search
> Time setting with daylight saving time management
> Keypad lock with password
> Echo cancellation
> Voice activity detection
> Comfort noise generator
> Full-duplex speakerphone
> RJ9 handset jack
> PoE support
> AC power adapter: input-AC 100-240V, output-DC 5V/1A.
> Wideband codec: G.722
> Narrowband codec: PCMA, PCMU, G.729, G723_53, G723_63, G726_32
> XML browser
> URL/URI action
> Signalling pack debug

U.TALK BUSINESS PHONE

U.Talk BUSINESS is the premium business phone of Urmet VoIP range. The intuitive user interface provides easy navigation, whilst the large screen displays rich visual information. Its premium audio quality, powerful telephony features and expandability greatly help to stay connected with and effectively lead their organizations.

1375/810 NEW

> Call Features: call waiting, call forward, call transfer, Call on hold, 3-way conferencing, mute, DND, Speed dial, hotline, Redial, auto redial, call return, auto-answer.
> Dial plan settings
> Directory with quick search
> Time setting with daylight saving time management
> Keypad lock with password
> Echo cancellation
> Voice activity detection
> Comfort noise generator
> Full-duplex speakerphone
> RJ9 handset jack
> PoE support
> AC power adapter: input-AC 100-240V, output-DC 5V/1A.
> Wideband codec: G.722
> Narrowband codec: PCMA, PCMU, G.729, G723_53, G723_63, G726_32
> XML browser
> URL/URI action
> Signalling pack debug

IP/SIP phones and video telephones

VOIP TELEPHONES

1375/811 NEW

DSS BUTTON EXTENSION FOR U.TALK BUSINESS TELEPHONE
The DSS U.Talk button extension for U.Talk Business telephone is an add-on module with a wide LCD graphic display with 22 programmable function buttons with a two-colour LED that allows managing up to 66 function buttons. The programmable functions are: lamp area, quick numbers and a series of functions among those made available by the iPerTAlk.
> 4.3" backlit LCD graphical display
> 22 keys, with two-tone LED
> Possibility to pair different icons for different use destinations
> Multi-language support
> Possibility to install up to 3 modules (198 memories in total)
> Connection to the telephone through RJ12 port (2 for each terminal)
> External power supply: Input: AC 100-240V; Output: DC 5V/1A

1375/815 NEW

U.TALK 7" TOUCH VIDEOPHONE
The U.Talk video telephone is the Urmet top of the range telephone. Thanks to its 7" capacitive touch screen based on Android SO (v. 4.2), this multimedia terminal brings together diverse services for business settings to push efficiency and the business productivity.
> Call Features: call waiting, call forward, call transfer, Call on hold, 3-way conferencing, mute, DND, Speed dial, hotline, Redial, auto redial, call return, auto-answer
> Dial plan settings
> Time setting with daylight saving time management
> Phonebook with contacts picture and intelligent search method
> Favorites numbers
> Blacklist
> Keypad lock with password
> Echo cancellation
> Voice activity detection
> Comfort noise generator
> Full-duplex speakerphone
> Handset jack or USB
> Display: TFT LCD, 800x480 pixels, 16:9
> 2Mpx camera, with mechanical shutter
> Bluetooth
> Wireless access: 802.11b/g/n
> 2.0 USB port
> HDMI port
> PoE support
> AC power adapter: input-AC 100~240V, output-DC 12V/1.2A
> Wideband codec: G.722
> Narrowband codec: PCMA, PCMU, G.729, G723_53, G723_63, G726_32
> XML browser
> URL/URI action
> Signalling pack debug

REFERENCES

MAIN FEATURES

	1375/805	1375/810	1375/815
> User accounts	2	6	6
> Caller ID (CLI)	YES	YES	YES
> Video call	NO	NO	YES
> Display	2.3" graphical LCD	4.3" graphical LCD	7" touch LCD
> LED light	1 power 1 voice mail	1 power 7 account 1 voice mail 10 extended color key (BLF)	1 power 1 network 1 message
> LCD with backlighting	YES	YES	YES
> Integrated BLF (Busy lamp field)	NO	16	60
> Programmable direct call buttons	NO	YES	YES
> Supplementary buttons extension	NO	YES	NO
> Headset control button	YES	YES	YES
> Possibility of programming door phone buttons	YES	YES	YES
> Call memories	100	100	600 (missed, dialed, received)
> Internal phonebook	500	500	3000
> External phonebook	YES	YES	YES
> Speakerphone function	YES	YES	YES
> Ringer melodies	YES	YES	YES
> Ringer volume adjustment	YES	YES	YES
> Voice volume adjustment	YES	YES	YES
> Multi-language support	YES	YES	YES
> Ethernet ports	2xRJ45 10/100M	2xRJ45 10/100M	2xRJ45 10/100M
> Power over Ethernet (PoE)	IEEE802.3af	IEEE802.3af	IEEE802.3af
> External power supply	YES	YES	YES
> Table/wall installation	YES	YES	Table only
> Colour	black	black	black
> Dimensions (WxHxD)	165 x 205 x 48 mm 6.49 x 8.07 x 1.88 in	265 x 205 x 48 mm 10.43 x 8.07 x 1.88 in	244 x 198 x 73 mm 9.6 x 7.79 x 2.87 in

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iPerTAlk
gateway devices

Urmet expand its telephony offer adding a new line of VoIP gateways for analog phones and traditional lines (analog, ISDN and GSM). Thanks to these devices, iPerTAlk offers homogeneous management of the different types of extensions and lines, in a transparent manner for the users.

FEATURES

> Multiple SIP accounts on each gateway
> Caller ID and Name display (if in phonebook)
> Fax management with T.38 protocol or Pass-through
> Led indicators for lines or extensions status
> Powered by external power supply
> Remote extensions
> Automatic impedance test

REFERENCES

IP GATEWAYS

1375/854 NEW

IP/SIP GATEWAY, 4 FXS ANALOG PORTS
VoIP interface that allows to connect 4 FXS (telephones, fax, POS and traditional PBXs) to an iPerTAlk IP/PBX or to a VoIP Provider (SIP v2 protocol).
> Connettors: 4 x RJ11
> Composition: DTMF and pulses
> Line self-check (GR909)
> Automatic configuration
> Caller ID: DTMF/FSK
> Echo cancellation
> Fax: T.38 and Pass-through
> Disconnect Method: Polarity Reversal
> Network connections: 2 RJ45 ports (1 LAN e 1 WAN)
> IP protocol: SIP v2
> DTMF mode: INFO/RFC2833/audio
> VLAN 802.1P/802.1Q
> Layer3 QoS and DiffServ
> External power supply: Input: AC 100-240V; Output: DC 12V/1A
> Dimensions (WxHxD): 195 x 135 x 35 mm - 7.67 x 5.31 x 1.37 in
> Weight: 0,6 kg

1375/859 NEW

IP/SIP GATEWAY, 16 FXS ANALOG PORTS
VoIP interface that allows to connect 16 FXS (telephones, fax, POS and traditional PBXs) to an iPerTAlk IP/PBX or to a VoIP Provider (SIP v2 protocol).
> Connettors: 16 x RJ11
> Composition: DTMF and pulses
> Line self-check (GR909)
> Automatic configuration
> Caller ID: DTMF/FSK
> Echo cancellation
> Fax: T.38 and Pass-through
> Disconnect Method: Polarity Reversal
> Network connections: 4 RJ45 ports (4 LAN)
> IP protocol: SIP v2
> DTMF mode: INFO/RFC2833/audio
> VLAN 802.1P/802.1Q
> Layer3 QoS and DiffServ
> Power supply: Input: AC 100-240V;
> Dimensions (W x H x D): 440 x 230 x 44 mm - 17.32 x 9.05 x 1.73 in
> Weight: 2,7 kg

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Line VoIP gateway

VOIP GATEWAYS

IP/SIP GATEWAY, 2 FXO RTG PORTS
VoIP interface that allows to connect 2 analog lines to an iPerTAlk IP/PBX.
> Connectors: 2 x RJ11
> Composition: DTMF and pulses
> Line self-check (GR909)
> Automatic configuration
> Caller ID: FSK, DTMF
> Echo cancellation
> Fax: T.38 and Pass-through
> Disconnect Methods: Busy Tone, Polarity Reversal
> Delay in programmable reply
> Network connection: 4 RJ45 ports (3 LAN and 1 WAN)
> IP protocol: SIP v2
> DTMF mode: INFO/RFC2833/audio
> VLAN 802.1P/802.1Q
> Layer3 QoS and DiffServ
> External power supply: Input: AC 100-240V; Output: DC 12V/1A
> Dimensions (W x H x D): 126 × 75 × 25 mm - 4.96 x 2.95 x 0.98 in
> Weight: 0,7 kg

1375/862 **NEW**

IP/SIP GATEWAY, 4 FXO RTG PORTS
VoIP interface that allows to connect 4 analog lines to an iPerTAlk IP/PBX.
> Connectors: 4 x RJ11
> Composition: DTMF and pulses
> Line self-check (GR909)
> Automatic configuration
> Caller ID: DTMF/FSK
> Echo cancellation
> Fax: T.38 and Pass-through
> Disconnect Methods: Busy Tone, Polarity Reversal
> Delay in programmable reply
> Network connection: 4 RJ45 ports (3 LAN and 1 WAN)
> IP protocol: SIP v2
> DTMF mode: INFO/RFC2833/audio
> VLAN 802.1P/802.1Q
> Layer3 QoS and DiffServ
> External power supply: Input: AC 100-240V; Output: DC 12V/1A
> Dimensions (W x H x D): 242 x 152 x 40 mm - 9.52 x 5.98 x 1.57 in
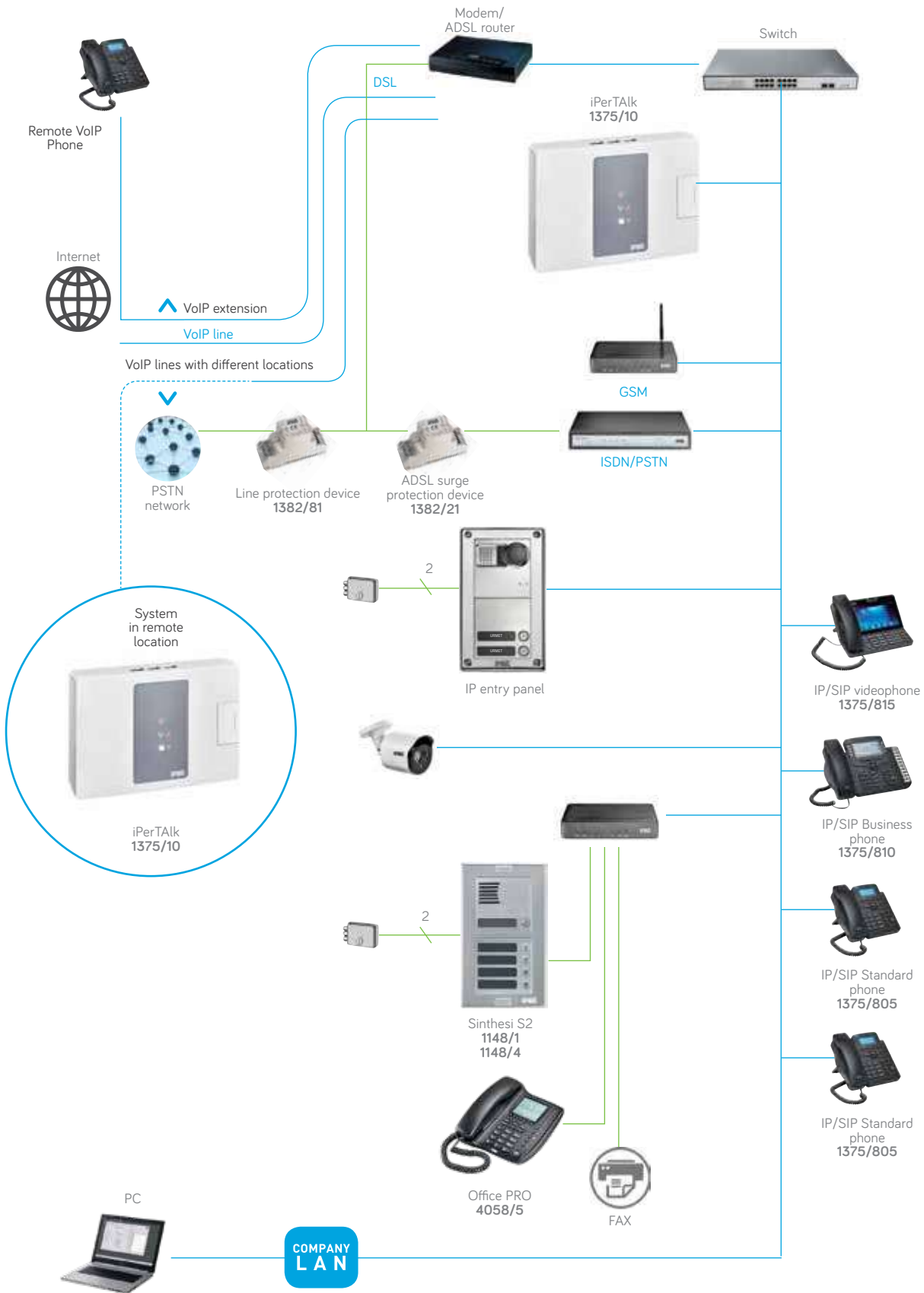> Weight: 1 kg

1375/864 **NEW**

REFERENCES

VOIP GATEWAY

1375/872 [NEW]

IP/SIP GATEWAY, 2 FXO BRI PORTS
VoIP interface that allows to connect 2 ISDN ports (4 lines)
to an iPerTAlk IP/PBX.
> ISDN connectors: 2 (RJ45)
> Protocol: SIP (RFC3261)
> BRI Mode: TE and NT
> Fax management. T.38 or transparent
> LAN: 1 (10/100MBps)
> IP protocol: SIP v2
> DTMF: RFC2833, SIP INFO, audio
> External power supply: Input: AC 100-240V; Output: DC 12V/1A
> Dimensions (W x H x D): 200 × 140 × 35.6 mm - 7.87 x 5.51 x 1.40 in
> Weight: 1 kg

1375/881 [NEW]

GATEWAY IP/SIP, 1 SIM
VoIP interface that allows to connect 1 GSM line to an iPerTAlk IP/PBX.
> SIM slot: 1
> Frequency: GSM 850/900/1800/1900MHz
> PIN/IMEI management
> Carrier Selection: Auto/Manual
> Composition: DTMF and pulses
> Disconnect Method: Polarity Reversal
> Delay in programmable reply
> Automatic configuration
> SMS management via HTTP API
> Network connection: 4 RJ45 ports (3 LAN and 1 WAN)
> IP protocol: SIP v2
> DTMF mode: INFO/RFC2833
> VLAN 802.1P/802.1Q
> External power supply: Input: AC 100-240V; Output: DC 12V/1A
> Dimensions (W x H x D): 126 x 75 x 25 mm - 4.96 x 2.95 x 0.98 in
> Weight: 0,7 kg

Analog telephone interfaces

MAIN FEATURES

	1375/854	1375/859	1375/862	1375/864	1375/872	1375/881
> SIP account	4 extensions	16 extensions	2 lines	4 lines	4 lines	1 line
> PortS	4 analog ports	16 analog ports	2 analog ports	4 analog ports	2 ISDN ports (TE/NT mode)	1 SIM
> Caller id (cli)	BELL202, ETSI (V23), NTT (V23-Japan), and DTMF-based CID	BELL202, ETSI (V23), NTT (V23-Japan), and DTMF-based CID	BELL202, ETSI (V23), NTT (V23-Japan), and DTMF-based CID	BELL202, ETSI (V23), NTT (V23-Japan), and DTMF-based CID	BELL202, ETSI (V23), NTT (V23-Japan), and DTMF-based CID	BELL202, ETSI (V23), NTT (V23-Japan), and DTMF-based CID
> Telephony interfaces	RJ11	RJ11	RJ11	RJ11	RJ45	GSM
> LED light	Power, extension status, activity status	Power, extension status, activity status	Power, line status, activity status,	Power, line status, activity status	Power, line status, activity status	Power, line status, activity status
> Disconnect methods	Busy Tone, Polarity Reversal	Busy Tone, Polarity Reversal	Busy Tone, Polarity Reversal	Busy Tone, Polarity Reversal	ISDN protocol	GSM protocol
> DTMF tones	RFC2833, SIP Info, In-band	RFC2833, SIP Info, In-band	RFC2833, SIP Info, In-band	RFC2833, SIP Info, In-band	RFC2833, SIP Info, In-band	RFC2833, SIP Info, In-band
> Fax	T.38 and Pass-through	T.38 and Pass-through	T.38 and Pass-through	T.38 and Pass-through	T.38 and Pass-through	NO
> Voice volume adjustment	YES	YES	YES	YES	YES	YES
> Web server	YES	YES	YES	YES	YES	YES
> Multi-language support	YES	YES	YES	YES	YES	YES
> Ethernet ports	2xRJ45 10/100M	4xRJ45 10/100M	4xRJ45 10/100M	4xRJ45 10/100M	1xRJ45 10/100M	4xRJ45 10/100M
> Power supply	External power supply 12VDC/1A	100-240V, 50-60Hz	External power supply 12VDC/1A	External power supply 12VDC/1A	100-240V, 50-60Hz	External power supply 12VDC/2A
> Table/wall installation	Table	Table/rack	Table	Table	Table/rack	Table
> Colour	black	black/grey	black/grey	black/grey	black	black
> Dimensions (W x P x H)	126 x 75 x 25 mm / 4.96 x 2.95 x 0.98 in	440 × 230 × 44 mm / 17.32 x 9.05 x 1.73 in	126 × 75 × 25 mm / 4.96 x 2.95 x 0.98 in	242 × 152 × 40 mm / 9.52 x 5.98 x 1.57 in	200 x 140 x 35,6 mm / 7.87 x 5.51 x 1.40 in	126 x 75 x 25 mm / 4.96 x 2.95 x 0.98 in

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VoIP lines with different locations

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ISDN/PSTN

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IP entry panel

IP/SIP videophone **1375/815**

iPerTAlk **1375/10**

IP/SIP Business phone **1375/810**

2

IP/SIP Standard phone **1375/805**

Sinthesi S2 **1148/1 1148/4**

IP/SIP Standard phone **1375/805**

PC

Office PRO **4058/5**

FAX

COMPANY LAN

Analog phones

**Good professional practice
at the service of communication**

Office CL
Ref. 4058/14

Office Pro
Ref. 4058/5

Domo Plus
Ref. 4093/15

Icarus
Ref. 4119/1

FEATURES

> Lamp areas: up to 20 buttons with two-tone LED for line signalling (free/engaged), messages in voicemail
> Possibility to activate a direct call
> Caller's ID
> Exchange main functions programming
> Easy management of waiting calls and parking
> Simplified access to various services and to your voicemail
> Self-energising

GREAT VARIETY OF
> Models: handset or cordless
> Performance: multi-function video door phones, telephones with and without display, with or without call identification, with or without speakerphone
> Terminals with buttons dedicated to system and video door phone functions for a perfect integration with Urmet PBXs.

2020 GENERAL CATALOGUE   urmet

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ANALOG TELEPHONES AND DOOR PHONES

4093/1

BASIC "DOMO" TELEPHONE, ANTHRACITE
The main features of the telephone are: multi-frequency selection (DTMF); 13 memories (3 direct, 10 with 2 buttons); Mute button on the base; "notes" function to save and recall any number; "R" (flash) button; "RP/P" button (recalls the last selected number and pause); ringer volume adjustment (Hi-Lo-OFF); call light indicator; configuration of the door phone functions on the direct memories; additional tag with the door phone icons; plug/plug (RJ) telephone line cable with adapter (RJ socket/three-pole plug), anthracite grey colour.
> Power supply: direct from telephone line
> Installation: table top or wall mounting
> Dimensions (W x H x D): 172 x 215 x 81 mm - 6.77 x 8.46 x 3.18 in

4093/15

MULTIFUNCTIONAL "DOMO PLUS" TELEPHONE, ANTHRACITE
The main features of the telephone are: multi-frequency selection (DTMF); 16-digit LCD display; Speakerphone function; 20 memories (10 direct, 10 with 2 buttons); Mute button on the base; "notes" function to save and recall any number; "R" (flash) button; "RP/P" button (recalls the last selected number and pause); ringer volume adjustment (Hi-Lo-OFF); call light indicator; operation without using additional batteries; configuration of the door phone functions on the direct memories; additional tag with the door phone icons; plug/plug (RJ) telephone line cable with adapter (RJ socket/three-pole plug), anthracite grey colour.
> Power supply: direct from telephone line
> Installation: table top or wall mounting
> Dimensions (W x H x D): 172 x 215 x 81 mm - 6.77 x 8.46 x 3.18 in

4058/5

MULTIFUNCTIONAL "OFFICE PRO" TELEPHONE
> Caller Identification Caller ID, in FSK & DTMF mode
  (only with telephone lines enabled for the caller id), display name associated to phone number in phonebook
> 10 One-Touch Memories for direct numbers or system commands
> 10 Two-touch memories for direct numbers or system commands
> Redial
> Recall the last called / received numbers from the menu
> Storage of last 50 incoming calls
  (only with telephone lines enabled for the caller id)
> Storage of 15 dialed numbers
> Storing 50 contacts in the phonebook (name and phone number)
> Adjustable volume speaker
> Flash (with programmable duration), pause, mute, clock
> Clock, with programmable date and time
> Ringtone with selectable melody and volume
> Ring tone exclusion
> Multi language support
> No battery or external power supply

Analog phones

CORDLESS PHONE

4119/1	**DECT CORDLESS PHONE MOD. ICARUS** > Dialling: DTMF / impulses > LCD Display > Tone selection for intercom and external calls > 6-level ring tone volume adjustment > 5-level earpiece volume adjustment > 50 numbers phone book > Caller ID > Received calls storage function: up to 20 > Keypad lock function > Hands-free function > Alarm clock function > 2 1.2V AAA NiMh rechargeable batteries supplied with product > Power supply adapter 230Vca supplied with product
4119/5	**DECT REPEATER FOR CORDLESS PHONE MOD. ICARUS** A repeater can be used to expand the working range of the ICARUS phone ref. 4119/1 in all directions. > Max number of supported repeaters (per phone base): 6 > Max number of sequential repeaters (per phone base): 2 > 230Vac power supply adapter supplied with the product

Analog phones

MAIN FEATURES TABLE

	DOMO 4093/1	DOMO PLUS 4093/15	Office PLUS 4058/5	DECT CORDLESS PHONE MOD. ICARUS 4119/1
> Standard 2Wire connection (BCA)	YES	YES	YES	YES
> Dedicated 2 or 4 Wires connection	NO	NO	NO	NO
> Video connection (RJ45)	NO	NO	NO	NO
> Integrated lamp field (CL)	NO	NO	NO	NO
> Direct call buttons line/extension status indication	NO	NO	NO	NO
> Additional signalling device presetting	NO	NO	NO	NO
> Display	NO	1 x 16 Numeric	Alphanumeric	LCD
> Cover control button	NO	NO	NO	NO
> Programmable direct call buttons	3	10	10	NO
> Possibility of programming door phone buttons	YES	YES	YES	NO
> Dedicated door phone buttons	NO	NO	NO	NO
> Indirect call memories	10	10	10	NO
> Internal phonebook	NO	NO	50	50
> Speakerphone function	NO	SÌ	YES	YES
> Caller ID (CLI)	NO	NO	YES	YES
> Ringer	1	1	16	6
> Ringer volume adjustment	Hi-Lo-OFF	Hi-Lo-OFF	Hi-Lo-OFF	YES
> Voice volume adjustment	NO	YES	YES	YES
> Power with batteries	NO	NO	NO	YES
> External power	NO	NO	NO	230Vca
> Table/wall installation	YES	YES	YES	Table only
> Colour	Anthracite	Anthracite	Black	Black
> Dimensions (W x H x D)	172 x 215 x 81 mm 6.77 x 8.46 x 3.18 in	172 x 215 x 81 mm 6.77 x 8.46 x 3.18 in	207 x 215 x 81 mm 8.14 x 8.46 x 3.18 in	160 x 45 x 23 mm 6.29 x 1.77 x 0.9 in

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GSM INTERFACES

"Domus Cell Basic 2" GSM connect an analogue or traditional analogue line of a PABX with the mobile GSM network, thus generating mobile-to-mobile traffic (instead of land line-to-mobile) which allows to save on telephone costs by exploiting better fees.
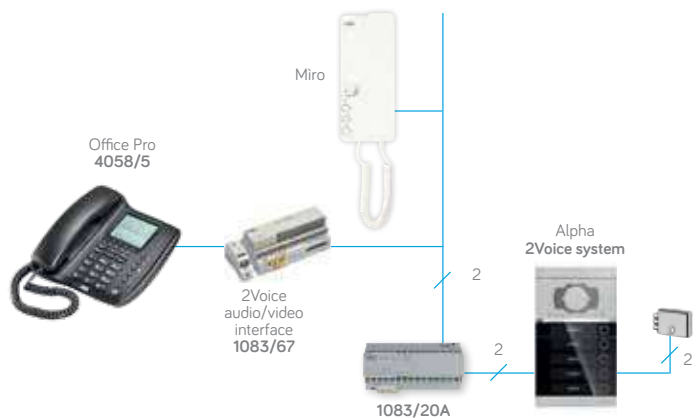
FEATURES

> Communicate anytime, anywhere
> Save money on telephone calls
> Simple installation
> Flexible management

Domus Cell

Rete GSM

Office Pro
4058/5

Interfaccia GSM
Domus Cell
Basic 2
4203/11

GSM INTERFACES

4203/11	DOMUS CELL BASIC 2 GSM INTERFACE The device allows to route voice communications between analog line (PABX or BCA telephone) and GSM line. Selection by DTMF and pulse; Caller ID (CLI) with FSK BT, FSK Bell and DTMF standards; outgoing calls block; programmable by phone or by PC with ref. 4203/50 optional board. > Dimensions (W x H x D): 94 x 64 x 29 mm - 3.7 x 2.51 x 1.14 in (antenna not included) > Weight: 105 gr (adapter not included) > Power: 230Vca with adapter
4203/50	USB INTERFACE FOR "DOMUS CELL BASIC 2" 4203/11 It allows to interface the device 4203/11 to the PC USB port, for a easiest configuration via software. The application software for Windows OS is supplied on CD (updated versions are available in the area of the site www.urmet.com)

DOOR PHONE/INTERFACES

This device is used to allow communication, also at the same time, with a telephonic line and a loudspeaking unit using a single telephone and allowing to open the door. With a cordless phone, you can take incoming calls from anywhere in your home, e.g. from the garden, the balcony or the loft.

Miro

Office Pro
4058/5

Alpha
2Voice system

2Voice
audio/video
interface
1083/67

2

1083/20A

2

2

INTERFACES

1083/67	2VOICE - PSTN AUDIO AND VIDEO INTERFACE - Interface device for telephone lines and doorphone systems. This device allows to connect an analogical telephone or a telephone interface or a PABX to a 2Voice system, to be able of using interphone services also through a telephone terminal. The video is supplied on a coax-type output for connection of compatible terminals. This interface can be programmed in two modes: "internal place" or "call forwarding" as an aid to the 1083/40 gatekeeper lodge exchange. Power: 110/230Vca with power supply provided with product. Dimensions: 10 DIN modules. Power supply dimensions: 1,5 DIN modules.

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TELEPHONE LOUDSPEAKING UNIT

This is a Sinthesi S2 module device with a 1 or 2 button basic configuration and 4 expansion buttons. It may be used as a normal analogue extension connected to a PABX and may be directly connected also to a GMS interface for monitoring remote accesses.

The installation structure and the many available functions make it particular flexible and suited for applications in places hands-free conversation and reception is needed, e.g.: sterile rooms, outside, safety environments, etc. Furthermore, a wide variety of applications are possible using two relays: management of two locks, one camera, a light or a bell.

REFERENCES

TELEPHONE LOUDSPEAKING UNITS

1148/1

SINTHESI S2 1-BUTTON MODULE WITH TELEPHONE LOUDSPEAKING UNIT
Basic module, 1 button with built-in loudspeaking unit, expandable up to 99 buttons, Each calling button may be associated with up to 2 numbers (day/night) of 24 digits each (*, # and Flash included).
Possibility to extend the conversation (code * or #), automatic reply to incoming calls with variable number of rings, auto-on function. Possibility to use two independent external relays to be activated by means of DTMF codes (with optional power supply). Possibility to activate the outputs through telephone with two codes with 1 pulse and two codes with 2 pulses, 6 door opener codes for each relay, 2 codes to deactivate the door phone system from telephone, 2 codes with two digits to end the conversation; possibility to connect one door opener button. Outputs configurable in 8 different operating modes (e.g. lighting, sequential opening, for additional doorbell, door gradual opening). Possibility of automatic internal heating for installation in harsh weather environments (with optional power supply) and possibility to illuminate the name holder plates. The programming can be made both through telephone (from local and from remote using the public line) or through software on PC through the USB interface 1148/9 (software and driver to be downloaded from the Urmet website, download area). Simple HW programming through DIP switch and setting and adjustment of electronic volume with no need to open the front panel.
> Degree of protection: IP42.
> Light power: 12Vcc/10-12Vca.
> Max. light current: 300mA.
> One Sinthesi S2 module in size.
> Supplied without flush-mounting box, frame or module holder case

Telephone interfaces

TELEPHONE LOUDSPEAKING UNITS

1148/2	**SINTHESI S2 2-BUTTON MODULE WITH TELEPHONE LOUDSPEAKING UNIT** > Basic module, 2 buttons with built-in loudspeaking unit, expandable up to 99 buttons, Each calling button may be associated with up to 2 numbers (day/night) of 24 digits each (*, # and Flash included). Possibility to extend the conversation (code * or #), automatic reply to incoming calls with variable number of rings, auto-on function. > Possibility to use two independent external relays to be activated by means of DTMF codes (with optional power supply). > Possibility to activate the outputs through telephone with two codes with 1 pulse and two codes with 2 pulses, 6 door opener codes for each relay, 2 codes to deactivate the door phone system from telephone, 2 codes with two digits to end the conversation; possibility to connect one door opener button. > Outputs configurable in 8 different operating modes (e.g. lighting, sequential opening, for additional doorbell, door gradual opening). Possibility of automatic internal heating for installation in harsh weather environments (with optional power supply) and possibility to illuminate the name holder plates. > The programming can be made both through telephone (from local and from remote using the public line) or through software on PC through the USB interface 1148/9 (software and driver to be downloaded from the Urmet website, download area). > Simple HW programming through DIP switch and setting and adjustment of electronic volume with no need to open the front panel. > Degree of protection: IP42. > Light power: 12Vcc/10-12Vca. > Max. light current: 300mA. > One Sinthesi S2 module in size. > Supplied without flush-mounting box, frame or module holder case
1148/4	**4-BUTTON EXPANSION MODULE** > 4-button module for 1148/1 or 1148/2 basic module expansion. > It contains the electronic components required for the connection to the basic modules, to the additional 4-button module 1148/14 and to the keyboard module 1148/6. > Degree of protection: IP42. > One Sinthesi S2 module in size. > Supplied without flush-mounting box, frame or module holder case
1148/6	**NUMERIC KEYPAD EXTENSION MODULE WITH TELEPHONE LOUDSPEAKING UNIT** Numerical keypad module for expansion of the basic modules 1148/1 or 1148/2 The keyboard has two basic options for dialing telephone numbers: direct dialing of telephone numbers (by pressing the numbers on the keyboard as you would a telephone - maximum 24 characters) and selection from the memory of the intercom system (press only two characters on the keypad, ie an address stored between 01 and 99). This option allows to reduce the number of buttons used for direct dialing of numbers in memory if the system provides for a large number of users. It is also possible use the keypad to type in the opening codes of the gates associated with the station telephone extensions. Up to 99 numbers can be stored for daytime use and 99 numbers for night use. Ability to activate the DTMF composition during one telephone conversation. With any programming, the «X» key closes the conversation or cancel. > Degree of protection: IP42. > One Sinthesi S2 module in size. > Supplied without flush-mounting box, frame or module holder case
1148/9	**USB PROGRAMMING PC INTERFACE** USB interface needed for programming the telephonic door stations Sinthesi S2. The configuration software and the USB driver for the interface recognized by the PC can be downloaded from the download area of the website www.urmet.com

Surge protections, filters and system accessories

SURGE PROTECTIONS AND FILTERS

1382/80	**SURGE PROTECTION DEVICE FOR 230VCA – 400 VA POWER SUPPLY** The device protects electric and electronic equipment from current surges and interferences on the 230Vac power supply line. Thanks to the certification pursuant to European regulation EN61643-11/A11, the device guarantees a high degree of protection, eliminates the "FOLLOW CURRENT" phenomenon and reduces the risk of service downtime. The device can be reset via micro-switch and features a warning LED that turns on to indicate that the protection is active. › Test class: 3 › Max. load: 400VA › Installation: DIN bar (2 modules) or wall-mounted › Dimensions (W x H x D): 36 x103 x 57 mm - 1.41 x 4.05 x 2.24 in
1382/85	**SURGE PROTECTION DEVICE FOR 230 VAC POWER SUPPLY** The device protects electric and electronic equipment from current surges and interferences on the 230Vac power supply line. Thanks to the certification pursuant to European regulation EN61643-11/A11, the device guarantees a high degree of protection, eliminates the "FOLLOW CURRENT" phenomenon and reduces the risk of service downtime. A warning LED turns on to indicate that the protection is active. The device installed immediately downstream the main switch with the filter 1332/86 increases the immunity of the system to high-frequency interferences with regard to electromagnetic compatibility (EMC). › Test class: 3 › Installation: DIN bar (2 modules) or wall-mounted › Dimensions (W x H x D): 36 x 90 x 57 mm - 1.41 x 3.54 x 2.24 in
1332/86	**MAINS FILTERING DEVICE FOR 230VCA, 4000 VA POWER SUPPLY** The device prevents the propagation of radio-frequency interference on the power network which could cause faults to electronic apparatus sensitive to such interference. For better results, use with protection device Ref. 1332/85 is recommended to exploit their complementary action. › Power: 230Vca - 50Hz. › Attenuation: 60dB @ 2MHz. › Max. current 20A. › Max. load: 4000VA. Installation: DIN bar, 2 modules. › Dimensions (W x H x D): 36 x 90 x 58 mm - 1.41 x 3.54 x 2.28 in

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SURGE PROTECTIONS AND FILTERS

1382/81	**PROTECTION DEVICE FOR 1 ANALOGUE TELEPHONE LINE** This device protects telephone switchboards (PBX) from power surges and induced disturbances from the telephone line connected to the PSTN network. Thanks to the certification pursuant to European regulation EN61643-11/A11, the device guarantees a high degree of protection. > Load: 1 analogue telephone line > Installation: DIN bar (2 modules) or wall-mounted > Dimensions (W x H x D): 36 x 103 x 57 mm - 1.41 x 4.05 x 2.24 in
1382/82	**PROTECTION DEVICE FOR 2 ANALOGUE TELEPHONE LINES** Replaces UTD1332/82. This device protects telephone switchboards (PBX) from power surges and induced disturbances from the telephone line connected to the PSTN network. Thanks to the certification pursuant to European regulation EN61643-11/A11, the device guarantees a high degree of protection. > Load: 2 analogue telephone lines > Installation: DIN bar (2 modules) or wall-mounted > Dimensions (W x H x D): 36 x 103 x 57 mm - 1.41 x 4.05 x 2.24 in
1382/21	**SURGE PROTECTION DEVICE WITH "ADSL 2+" FILTER** The device integrates the functions of a telephone line surge protection and of a professional ADSL 2 filter (splitter). For maximum efficiency, install the protection on the telephone line near the PBX to be protected. The device will trip in presence of dangerous current surges on the line. > Installation: DIN bar (2 modules) or wall-mounted > Dimensions (W x H x D): 36 x 104 x 75 mm - 1.41 x 4.09 x 2.95 in

SYSTEM ACCESSORIES

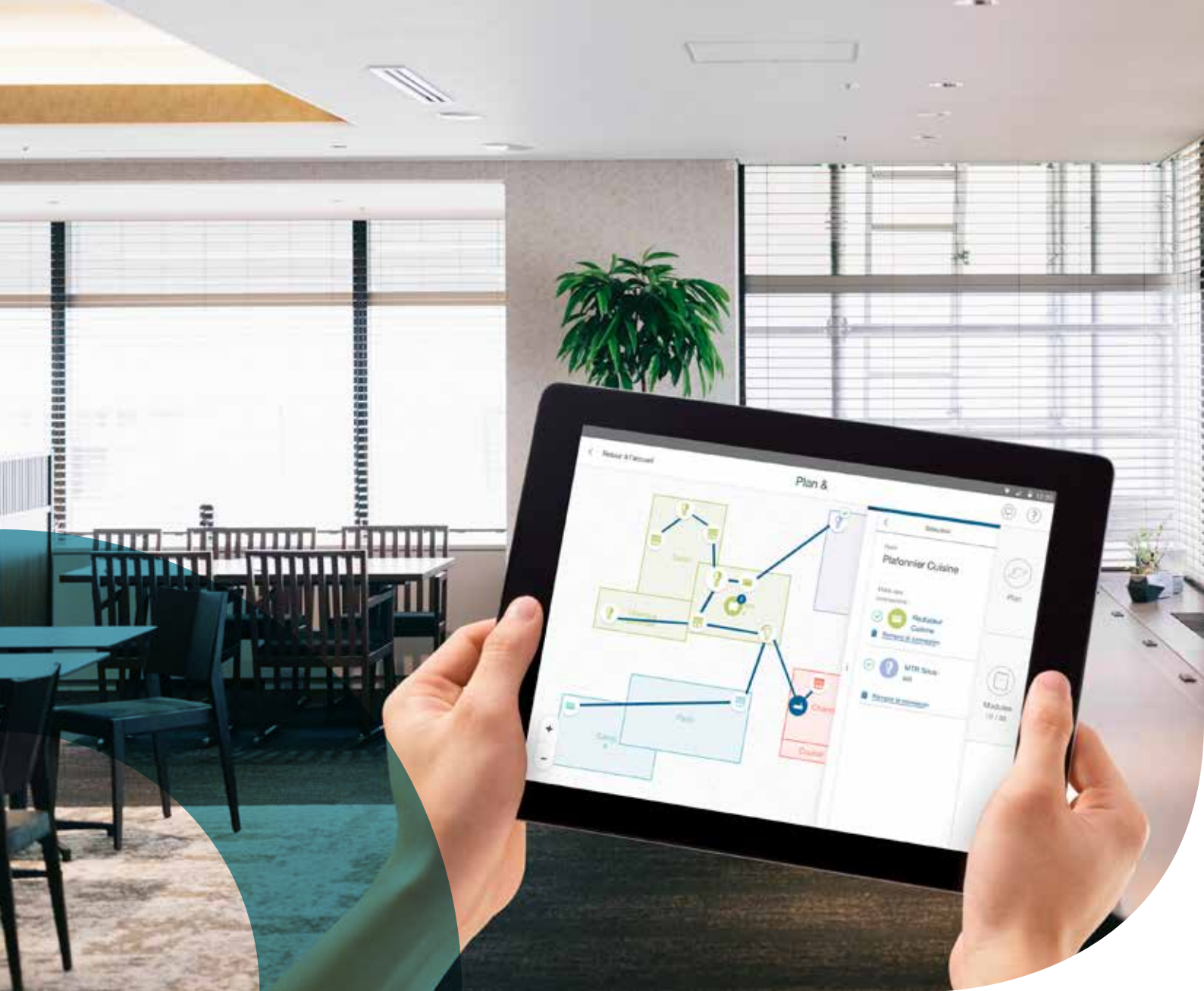|	
4850/1	**SUPPLEMENTARY ELECTRONIC RINGER** Supplementary electronic ringer for wall installation, high acoustic efficiency and adjustable volume and sound frequency. Can be connected to telephone line using RJ11 plug and terminals, fixed to wall or installed in flush-mounting boxes 502 and 503, self-powered from telephone line, three different selectable sound frequencies. > Dimensions (W x H x D): 145 x 101 x 42 mm - 5.7 x 3.97 x 1.65 in
3850/1	**SUPPLEMENTARY ELECTROMECHANICAL TELEPHONE RINGER** Supplementary electromechanical telephone ringer made of plastic with metal bell. Power: > 26Vca 20-50Hz. Installation: wall-mounted or flush-mounted with unified telephone socket
2841/1	**LOUD BELL RINGER, 60 VCA, 50 HZ, 120 MM** Loud bell ringer with wall support. > Power: 60 Vca, 50 Hz. > Diameter: 120 mm. > Sound level: > 93 dBA @ 1m. Installation: wall-mounted
2841/2	**LOUD BELL RINGER, 12 VCA, 50 HZ, 120 MM** > Loud bell ringer with wall support > Power: 12 Vca, 50 Hz. > Diameter: 120 mm. Sound level: > 93 dBA @ 1m. > Installation: wall-mounted
821	**TELEPHONE CALL REPEATER** Call repeater or traditional door phone repeater with 10-12 Vac and 6 Vac voltage. Generates a 50Vac call on a max. load of 5 ringers 2841/1 or 2841/2. Power: 230 Vca. Installation: DIN bar (7 modules)

Intercom

FEATURES

> Communications run on the electric wire
> Intercom power line communication device
   for establishing communications between devices.

REFERENCES

POWER LINE COMMUNICATION INTERCOM MOD. 8200		
8202/1	**TWO-CHANNEL POWER LINE COMMUNICATION INTERCOM** Grey colour. These Power Line Communication intercoms modulate the audio signal and transmit it through the electrical mains lines at 230Vac. Simply plug the intercom into a normal power socket to communicate with the other intercoms connected to the same mains and the same phase. > Power: 230Vca 50Hz > Installation: table-top > Dimensions (W x H x D): 140 x 140 x 42 mm - 5.51 x 5.51 x 1.65 in > Weight: 450 g	
8203/1	**THREE-CHANNEL POWER LINE COMMUNICATION INTERCOM** Grey colour. These Power Line Communication intercoms modulate the audio signal and transmit it through the electrical mains lines at 230Vac. Simply plug the intercom into a normal power socket to communicate with the other intercoms connected to the same mains and the same phase. > Power: 230Vca 50Hz > Installation: table-top > Dimensions (W x H x D): 186 x 130 x 42 mm - 7.32 x 5.11 x 1.65 in > Weight: 450 g	

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Yokis
Smart Home

Yokis system

Yokis ®

URMET|GROUP

Yokis is a complete range of digital modules, composed of transmitters, receivers and remote controls able to create simple home automation systems that allow to use multiple controls for centralised management of shutters, lights and automatic systems, both for single module and for its units, thanks to centralisations and scenarios.

Yokis is available in wired, radio and hybrid version, depending on the system requirements and the application field, and is able to manage a number of programmes and functions, thanks to the wide range of modules, both in recessed and DIN rail version.

Yokis modules stand out for ease of wiring and installation, as well as for maximum flexibility and easy programming, that significantly reduce time and cost of professional installers, positioning as benchmark especially for refurbishment market.

Yokis has appositely designed it for the Professional Installer the Yokis Pro app that allows to install, program and manage the electrical systems simply using a tablet and the Yokey USB key for the direct radio communication with Yokis modules.

Many are also the advantages for the end users thanks to the Smart Home applications that increase the level of comfort of the house. Yokis adds also the new Yokis Hub, that allows fully managing the Yokis radio range through YnO, the app for smartphones and tablets with which you can control and manage domestic automations even when not at home.

1.

Simplified and easier to install

2.

Wired, radio and hybrid solutions

3.

Flush-mounted and DIN rail-mounted solutions

4.

Simplified centralisation without bus

5.

YokisPro App for the installer for the system's configuration

6.

5-year WARRANTY

Urmet and Yokis

urmet + **Yokis** URMETIGROUP

Smart home solutions

Home management has never been this easy.
Thanks to the integration between Urmet and Yokis technologies, it is possible to manage centralised controls, shutter and indoor/outdoor light timing as well as some

other functions, such as garden irrigation. Accordingly, the lights switched on or the shutters open can be controlled by pressing a pushbutton on the video door phone.

LIGHTING

WINDOW SHUTTERS, SCREENS AND BLINDS

ELECTRIC HEATING

IRRIGATION

REMOTE CONTROLS

AUTOMATISMS

Video door phone

Integrated Urmet monitors
Urmet Max, vModo and cxModo monitors contain a transmitter module that connects via radio to Yokis receiver modules of the electric system.

Thanks to the integration with Yokis, it is possible to easily create centralisations and scenarios directly on the video door phone, without further wiring, through a user-friendly interface.

Yokis —— *INSIDE*

Management of services and scenarios

Max

Ref. 1717/31 - 1060/31
Integrated IP home monitor, 7" 16:9 full touchscreen display
Management of 8 services and 4 scenarios

vModo

Ref. 1719/1
7" soft touch monitor
Management of 2 services

Cx Modo

Ref. 1722/87
7" touch-screen monitor
Management of 8 services and 4 scenarios

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Yokis preset on Miro Vivavoce video door phone range

Available in video and audio version, Miro Vivavoce range is preset to integrate Yokis modules: the devices, in fact, have two auxiliary outputs for various services, e.g. to be used

to connect them to E2BPP transmitter to create light and shutter centralisations.

Mìro Video Hands-free
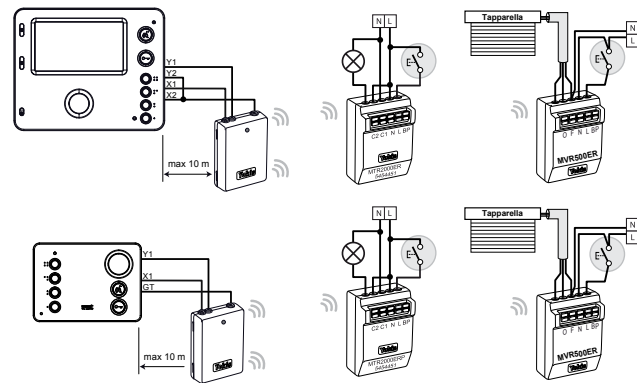
Ref. 1750/5 - black
Ref. 1750/6 - white

Mìro Audio Hands-free

Ref. 1183/7

After a suitable programming of Yokis modules, it is possible to:
> **with the first pushbutton**, activate centralised locking of shutters
> **with the second pushbutton**, activate light switch-off.

Urmet and Yokis: applications for integrated solutions

Yokis modules can be integrated with Urmet product range to create automation scenarios through dry contact output. Some cases:
> **Video surveillance**: after a motion detection, a command is sent to the dry contact output.
> **Intrusion alarm**: after the activation of the alarm system,

the centralisation on lights and shutters is controlled.
> **Access control**: creation of scenarios that can be activated through the pushbutton panel numeric keypad or through the proximity key.

For further information on integration between Urmet and Yokis products, contact your local Sales Office.

Wired relays

The advantages

Timing operation option:
- automatic switching off from 2 seconds to 4 hours
- double timer for second timer setting,
  by pressing and holding the button
- allow switch-off before scheduled time
- switch-off notification configurable by the installer.

Centralisation: on several modules, also of different types, to control total, partial and progressive switch-on/off.

Compatible with pushbuttons of all wiring systems and with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode).

Modular: Yokis allows extending the initial installation to later times.

Silent: they can be installed on the bottom of a flush-mounted box (depth 40 or 50 mm)

WIRED RELAYS

MTR500E	**FLUSH-MOUNTED 500W ELECTRONIC TOGGLE RELAY WITHOUT NEUTRAL WIRE WITH OPTIONAL TIMED OPERATION (REF. 5454050)** The MTR500E flush-mounted relay easily connect without neutral wire. Compatible with pushbuttons of all wiring systems. Compatible with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode), with interrupted, deviated or inverted phase, through replacement of the controls with simple pushbuttons. The module is 100% waterproof, ideal also for outdoor installations, and 100% silent thanks to its microprocessor-managed electronics. "Soft start/soft stop" functions permit protection of bulb filament of retina and improved light perception by the user. Timing operation option: configurable from 2 seconds to 4 hours (useful for automatic light switch-off, if left on by mistake); it features also the deactivation pre-warning at the end of the timer setting, through the progressive switch-off. Can be centralised through pilot wire by CVI50 (ref. 5454805) and D600V (ref. 5454072) accessories, allowing the simultaneous switch-on or switch-off of several executions, even of different types.
MTR500M	**500W ELECTRONIC TOGGLE RELAYS WITHOUT NEUTRAL WIRE ON DIN RAIL (REF. 5454060)** The MTR500M DIN-rail module easily connect without neutral wire. Compatible with pushbuttons of all wiring systems. Compatible with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode), with interrupted, deviated or inverted phase, through replacement of the controls with simple pushbuttons. The module is 100% waterproof, ideal also for outdoor installations, and 100% silent thanks to its microprocessor-managed electronics. "Soft start/soft stop" functions permit protection of bulb filament of retina and improved light perception by the user. Timing operation option: configurable from 2 seconds to 4 hours (useful for automatic light switch-off, if left on by mistake); it features also the deactivation pre-warning at the end of the timer setting, through the progressive switch-off. Can be centralised through pilot wire by CVI50 (ref. 5454805) and D600V (ref. 5454072) accessories, allowing the simultaneous switch-on or switch-off of several executions, even of different types.

REFERENCES

WIRED RELAYS

MTR2000E

FLUSH-MOUNTED 2000W TOGGLE RELAY WITHOUT NEUTRAL WIRE WITH OPTIONAL TIMED OPERATION (REF. 5454350)
The MTR2000E flush-mounted relay, thanks to its potential free contact, can control any device up to 2000W (e.g. light, exhaust fan, irrigation…) requiring a dry contact. Compatible with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode), with interrupted, deviated or inverted phase, through replacement of the controls with simple pushbuttons. Timing operation option: configurable from 2 seconds to 4 hours (useful for automatic light switch if left on by mistake); a double timer allows keeping the lights on for up to 12 hours, by pressing the pushbutton for 3 seconds; switch-off notification when the timer is about to go off, with blinking light. The daily scheduling function allows the automatic activation of the module, every day at the same time. Can be centralised through pilot wire by D600V (ref. 5454072) and R12M (ref. 5454073) accessories using a double button, allowing the simultaneous switch-on or switch-off of several executions, even of different types.

MTR2000M

2000W TOGGLE RELAY WITHOUT NEUTRAL WIRE WITH OPTIONAL TIMED OPERATION ON DIN RAIL (REF. 5454360)
The MTR2000M DIN-rail relay, thanks to its potential free contact, can control any device up to 2000W (e.g. light, exhaust fan, irrigation…) requiring a dry contact. Compatible with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode), with interrupted, deviated or inverted phase, through replacement of the controls with simple pushbuttons. Timing operation option: configurable from 2 seconds to 4 hours (useful for automatic light switch-off, if left on by mistake); second timer setting that allows extending the duration up to 12 hours by pressing the button for 3 seconds; it features also the deactivation pre-warning at the end of the timer setting, through warning light flashing. The daily scheduling function allows the automatic activation of the module, every day at the same time. Can be centralised through pilot wire by D600V (ref. 5454072) and R12M (ref. 5454073) accessories using a double button, allowing the simultaneous switch-on or switch-off of several executions, even of different types.

WIRED DEDICATED FUNCTIONS

MEP2000E

FLUSH-MOUNTED 2000W NIGHT SAVING MODULE WITH NEUTRAL WIRE (REF. 5454356)
The timed activation relay MEP2000E turns off one or more lights automatically for an adjustable time period ranging from 4 to 9 hours. The lights-off time is distributed equally across the mid of the selected period. The middle line can be adapted through an offset of 1 to 2 hours. Works with lights controlled by a dusk sensor or astronomical clock.
Compatible with all load types up to 600 VA.

MTC500E

500W FLASHER MODULES WITHOUT NEUTRAL WIRE (REF. 5454056)
The MTC500E flasher relay Set light blinking with an interval from 0.2 to 25 seconds. A dry contact must connect the coil to phase to enable MTC500E blinking. When the contact is interrupted, the light stops blinking. Therefore, the product can be controlled with a timer or a simple switch.
Can be centralised through pilot wire by CVI50 (Ref. 5454805) and D600V (Ref. 5454072) accessories, allowing the simultaneous switch-on or switch-off of several executions, even of different types.
"Soft start/soft stop" functions permit protection of bulb filament of retina and improved light perception by the user.

Wired staircase lights timer relays

The advantages

Timing operation option:
- automatic switching off from 2 seconds to 4 hours
- blinking switch-off notification (2000 range) or progressive switch-off (500 range) when the timer is about to go off
- a double timer allows keeping the lights on, by pressing for 3 seconds
- The anti-jam option ensures that the light will be switched off even if a pushbutton gets jammed (by adding the R1500 accessory).

Compatible with pushbuttons of all wiring systems and with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode).
Digital coil with protection system in case pushbutton is pressed for a prolonged amount of time.
Possibility to manage the warning light of the buttons.
Silent: they can be installed on the bottom of a flush-mounted box (depth 40 or 50 mm)

WIRED STAIRCASE LIGHTS TIMER RELAYS

MTM500E	**FLUSH-MOUNTED 500W STAIRCASE LIGHTS TIMER RELAY WITHOUT NEUTRAL WIRE (REF. 5454051)** The MTM500E flush-mounted timer relay easily connect without neutral wire. Compatible with pushbuttons of all wiring systems and with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode). Works with pushbuttons equipped with light indicator (max. 20) by adding a single BV40 accessory (Ref. 5454071). 100% silent thanks to its microprocessor-managed electronics. 100% waterproof for outdoor installation. "Soft start/soft stop" function: protection of bulb filament, of retina and improved light perception by the user. Timing operation option: automatic switching off from 2 seconds to 4 hours, with the possibility to anticipate the switch-off and to have a progressive switch-off pre-warning as the timer time runs out. A double timer allows keeping the lights on for one hour. Can be centralised through pilot wire by CVI50 (Ref. 5454805) and D600V (Ref. 5454072) accessories, allowing the simultaneous switch-on or switch-off of several executions, even of different types.
MTM500M	**500W STAIRCASE LIGHTS TIMER RELAY WITHOUT NEUTRAL WIRE ON DIN RAIL (REF. 5454061)** Il MTM500M DIN-rail timer relay easily connect without neutral wire. Compatible with pushbuttons of all wiring systems and with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode). Works with pushbuttons equipped with light indicator (max. 20) by adding a single BV40 accessory (Ref. 5454071). 100% silent thanks to its microprocessor-managed electronics. "Soft start/soft stop" function: protection of bulb filament, of retina and improved light perception by the user. Timing operation option: automatic switching off from 2 seconds to 4 hours, with the possibility to anticipate the switch-off and to have a progressive switch-off pre-warning as the timer time runs out. A double timer allows keeping the lights on for one hour. Can be centralised through pilot wire by CVI50 (Ref. 5454805) and D600V (Ref. 5454072) accessories, allowing the simultaneous switch-on or switch-off of several executions, even of different types.

REFERENCES

WIRED STAIRCASE LIGHTS TIMER RELAYS

MTM2000E

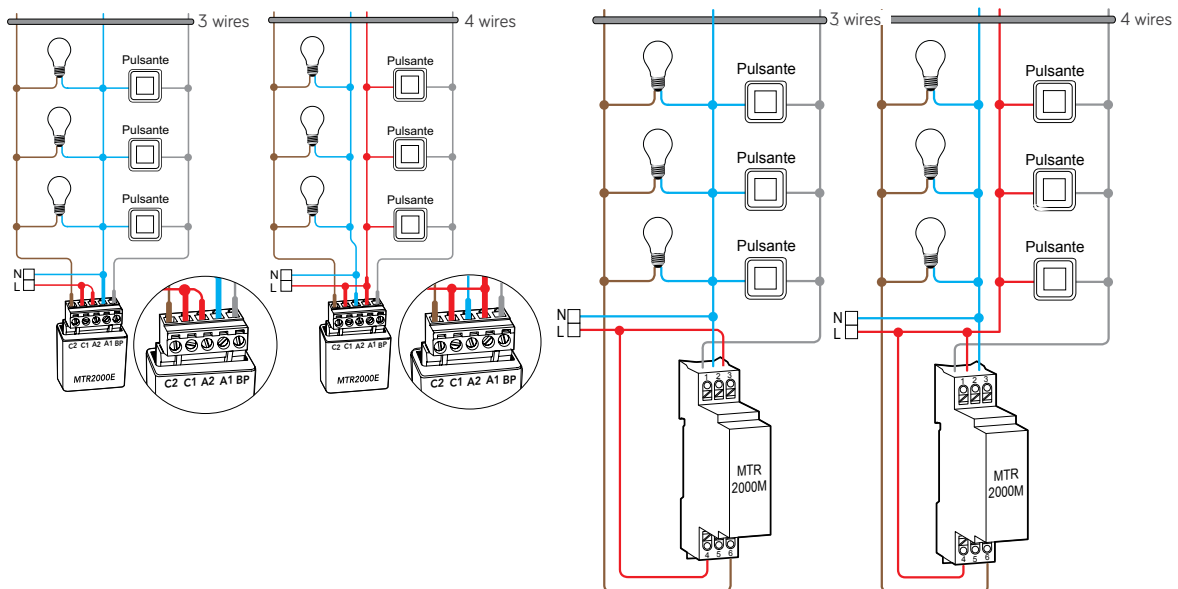### FLUSH-MOUNTED 2000W STAIRCASE LIGHTS TIMER RELAY WITH NEUTRAL WIRE (REF. 5454351)

The MTM2000E timer relay, thanks to its potential free contact (10 A 250 V~), can control any device up to 2000W (e.g. light, exhaust fan, irrigation…) requiring a dry contact. Compatible with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode). Timing operation option: automatic switching off from 2 seconds to 4 hours, with the possibility to anticipate timer restart and to have a switch-off pre-warning through the warning flashing as the timer time runs out. A double timer allows keeping the lights on for up to 12 hour. Works with pushbuttons equipped with light indicator (max. 20) without adding any accessories. The anti-jam option ensures that the light will be switched off even if a pushbutton gets jammed (by adding the R1500 accessory). Electronic overheating protection. Can be centralised through pilot wire by D600V (Ref. 5454072) and R12M (Ref. 5454073) accessories using a double pushbuttons, allowing the simultaneous switch-on or switch-off of several executions, even of different types.

MTM2000M

2000W STAIRCASE LIGHTS TIMER RELAY WITH NEUTRAL WIRE ON DIN RAIL (REF. 5454361)

The MTM2000M timer relay, thanks to its potential free contact (10 A 250 V~), can control any device up to 2000W (e.g. light, exhaust fan, irrigation…) requiring a dry contact. Compatible with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode). Timing operation option: automatic switching off from 2 seconds to 4 hours, with the possibility to anticipate timer restart and to have a switch-off pre-warning through the flashing of the warning light as the timer time runs out. A double timer allows keeping the lights on for up to 12 hour. Works with pushbuttons equipped with light indicator (max. 20) without adding any accessories. The anti-jam option ensures that the light will be switched off even if a pushbutton gets jammed (by adding the R1500 accessory). Electronic overheating protection. Can be centralised through pilot wire by D600V (Ref. 5454072) and R12M (Ref. 5454073) accessories using a double pushbuttons, allowing the simultaneous switch-on or switch-off of several executions, even of different types.

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Wired dimmers

The advantages

Allow precise control of dimming, with possible light variation starting from 10 W, saving the last switch-on and preferred value.
Consumption is reduced according to brightness variation.
Compatible with dimmable capacitive, resistive and inductive loads up to 500W.
Timing operation version: automatic switching off from 2 seconds to 4 hours, with switch-off warning and possibility to extend the duration.
Pilot wire **centralisation** available.
Modular: Yokis allows extending the initial installation to later times.

WIRED DIMMERS

MTV500E	**FLUSH-MOUNTED 500W DIMMER WITHOUT NEUTRAL WIRE (REF. 5454052)** The MTV500E dimmer manages a variation of brightness from 3% to 100% on loads up to 500W, by pressing and holding the button. It supports a double level of memory: saving of the last brightness level that can be retrieved when the button is pressed once and brightness level at 100% that can be retrieved by pressing the button twice shortly. Compatible with pushbuttons of all wiring systems and compatible with different loads, including incandescent light bulbs, 230V LEDs and halogen dimmable ones. Compatible with existing wirings in which the pushbutton common is connected to neutral or phase and allows the use of several buttons in parallel. "Soft start/soft stop" function allows filament and retina protection, improved light perception. Timing operation option: automatic switching off from 2 seconds to 4 hours, with possibility to anticipate the switch-off. A double timer allows keeping the lights on for up to 12 hour. Can be centralised through pilot wire by CVI50 (Ref. 5454805) and D600V (Ref. 5454072) accessories. It integrates also children's room night light function.
MTK500E	**FLUSH-MOUNTED 500W SMART MULTIFUNCTIONAL DIMMER WITHOUT NEUTRAL WIRE (REF. 5454053)** The MTK500E dimmer manages a variation of brightness from 3% to 100% on loads up to 500W, by pressing and holding the button. It supports a double level of memory: saving of the last brightness level that can be retrieved when the button is pressed once and brightness level at 100% that can be retrieved by pressing the button twice shortly. Compatible with pushbuttons of all wiring systems and is compatible with different loads, including incandescent light bulbs, 230V LEDs and halogen dimmable ones. Compatible with existing wirings in which the pushbutton common is connected to neutral or phase and allows the use of several buttons in parallel. "Soft start/soft stop" function allows filament and retina protection, improved light perception. Toggle relay, dimmer and timer, with two additional smart functions: children's room night light, presence simulation, lights switch off automatically, if you forget about it (from 2 seconds to 4 hours, with possibility to anticipate the switch-off). Can be centralised through pilot wire by CVI50 (Ref. 5454805) and D600V (Ref. 5454072) accessories.
MTV500M	**500W DIMMER ON DIN RAIL WITHOUT NEUTRAL WIRE (REF. 5454062)** The MTV500M dimmer manages a variation of brightness from 3% to 100% on loads up to 500W, by pressing and holding the button. It supports a double level of memory: saving of the last brightness level that can be retrieved by pressing the button once and brightness level at 100% that can be easily retrieved with 2 short presses of the button. Compatible with pushbuttons of all wiring systems and is compatible with different loads, including incandescent light bulbs, 230V LEDs and halogen dimmable ones. Compatible with existing wirings in which the pushbutton common is connected to neutral or phase and allows the use of several buttons in parallel (two-way switch circuit or inverters). "Soft start/soft stop" function allows filament and retina protection, improved light perception. Timing operation option: automatic switching off from 2 seconds to 4 hours, with possibility to anticipate the switch-off. A double timer allows keeping the lights on for one hour. Can be centralised through pilot wire by CVI50 (Ref. 5454805) and D600V (Ref. 5454072) accessories.

Wired window shutter module

The advantages

Control all window shutters with a simple pilot wire and a double up/down pushbutton. The number of shutters that can be centralised is unlimited, which makes it ideal for large installations in office buildings.
Advanced functions, thanks to the internal microprocessor:
- lower and upper electronic limit switch, integrated torque control
- obstacle detection during downstroke pre-programmed intermediate position
- integrated daily scheduling

Compatible with all shutter types and brands with 3-wire motor and with pushbuttons of all wiring systems.
Silent, even when behind the pushbuttons of the wiring system.
Flexible and modular: installation of the various modules can be extended subsequently, in case of new needs.
Digital coil with protection system in case pushbutton is pressed for a prolonged amount of time.

WINDOW SHUTTER MODULE

MVR500E	**FLUSH-MOUNTED 500W WINDOW SHUTTER MODULE (REF. 5454090)** The MVR500E window shutter module is compatible with all shutter types and brands with 3-wire motor (SOMFY, APRIMATIC, BUBENDORFF, etc.). It can be controlled with a single button or double button (not interlocked). Thanks to the integrated microprocessor, the module can be programmed to manage advanced functions such as: pre-programmed intermediate position; upper and lower electronic limit switches; integrated torque control, with different modes, that avoids damaging the window shutter; reverse movement in case of obstacle detection; integrated scheduling function, that allows automatically opening or closing the window shutters with daily time scheduling. Centralisation: all window shutters can be centralised with a single pilot wire on a double up/down button by adding the R12M accessory. The pilot wire is simply added when connecting the system. The number of shutters that can be centralised is unlimited, which makes it ideal for large installations in office buildings.	

WIRED WINDOW SHUTTER KIT

5-SHUTTER WIRED KIT (REF. 5454554)
Complete kit for the automation of 5 window shutters with wired control.
Kit content:
- 5 MVR500E - Window shutter module
- 2 R12M - Package of no. 5 double pushbutton interfaces
- 1 D600V - Package of no. 5 diodes for centralisation

Wired accessories

CHR3W	**PACKAGE OF NO. 5 RESISTIVE LOADS (REF. 5454070)** This accessory allows reducing the "flickering" of compact fluorescent lamps (CFL) or LED lamps when the brightness level is low. The CHR3W accessory must be added in parallel to the lamp.	
BV40	**PACKAGE OF NO. 5 ELECTRONIC COIL FOR PUSHBUTTON WITH INDICATOR LAMP (REF. 5454071)** Accessory for modules of the 500W range for the management of buttons with warning light. Use 1 BV40 accessory every 20 buttons (max 40 mA).	
D600V	**PACKAGE OF NO. 5 DIODES FOR CENTRALISATION (REF. 5454072)** Accessory to use for the management of controls in case of wired centralisation: the accessory must be used for each module involved in the centralisation, to avoid that the local controls run on the pilot wire.	
R12M	**PACKAGE OF NO. 5 DOUBLE PUSHBUTTON INTERFACES (REF. 5454073)** Accessory to use for the management of double buttons if you need to have separate control button for switching on/off or lifting (lowering) operations, both with local and centralised controls.	
R1500	**PACKAGE OF NO. 5 PUSHBUTTON ANTI-JAM ACCESSORIES FOR MTM2000 (REF. 5454074)** The R1500 accessory can be used combined with timed relays to ensure the switch-off of the light load, even if the button remains locked.	
FDVDT	**OVERVOLTAGE FILTER - 230V~ (REF. 5454075)** Accessory to use with modules for the illumination without neutral (500W range) in case of inductive loads (such as ferromagnetic shutters or ballasts or ferromagnetic transformers) for protection against overvoltages.	

REFERENCES

WIRED ACCESSORIES

ADBT	**LOW-VOLTAGE ADAPTER - 500W RANGE (REF. 5454076)** Low-voltage adapter - 12-48V AC or DC for 500W range modules.	
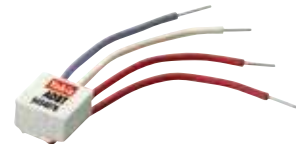
A2F	**PACKAGE OF NO. 10 PUSHBUTTON ADHESIVES** **(REF. 5454079)** Double-sided adhesive support for the fixing of radio transmitters on the wall (TLMxT503P).	

REL1C	**RELAY FOR CENTRALISATION IN THREE-PHASE SYSTEMS (REF. 5454081)** Relay with coil 230V~ No contact 230V / 0.1A max with coil with NO contact, that allows for a galvanic isolation suitable for centralisations with pilot wire on three-phase network and for the use of recessed transmitters.	

CVI50	**CONVERTER FOR CENTRALISATION OF 500 RANGE MODULES** **(REF. 5454805)** Accessory that allows making the centralisation through pilot wire of modules of the 500W range (toggle relay, timed relay, timer, dimmer and timed dimmer).	

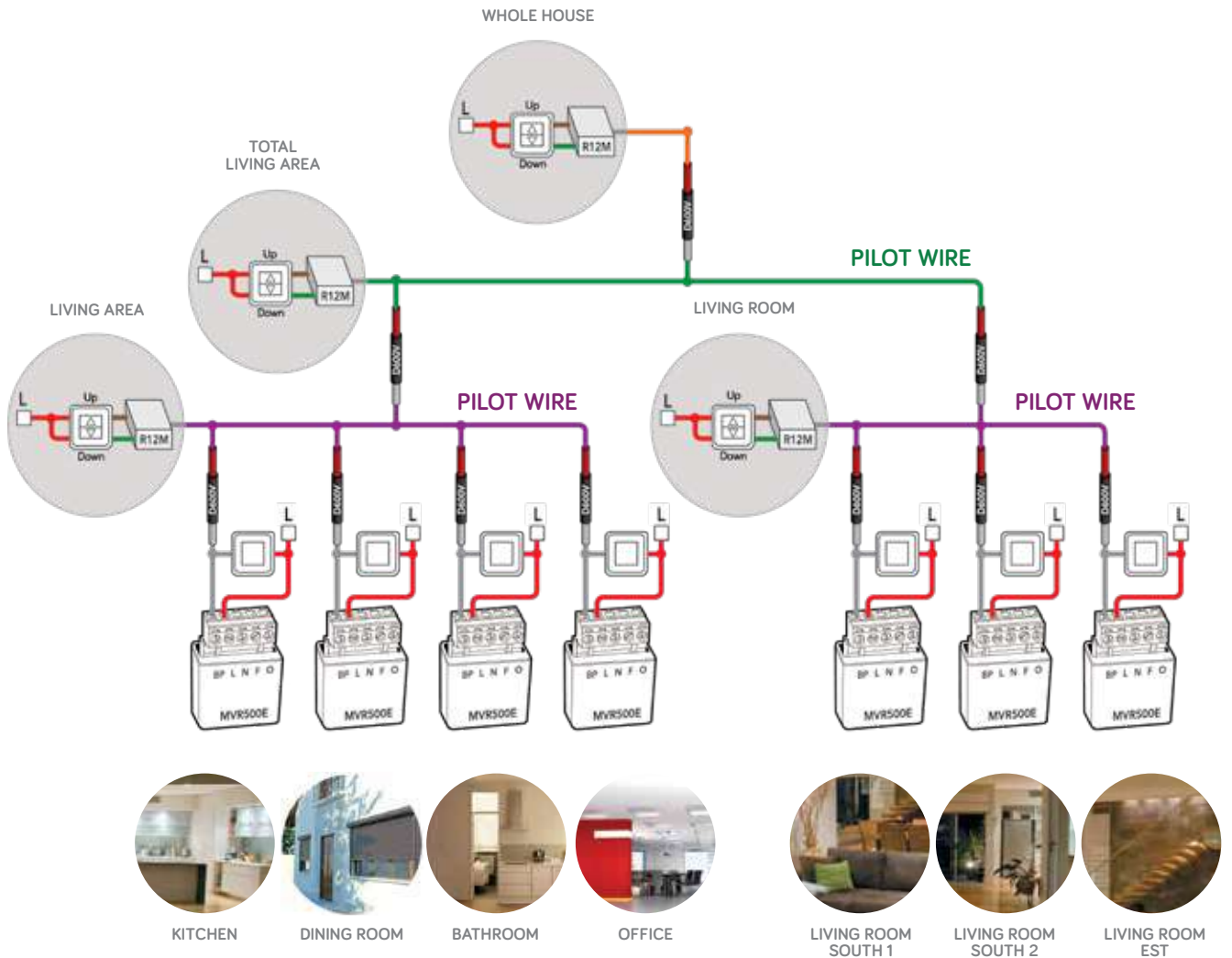|		
CVI34	**CONVERTER FOR PERMANENT CONTACT** **WINDOW SHUTTER MODULES (REF. 5454806)** This module allows controlling through pilot wire one or more window shutters (or curtains) by means of a timer contact, twilight sensor or anemometer. The module generates 3 pulses when the contact is closed and 4 pulses when it is opened. The pulses will control the modules for the MVR500E and MVR500ER window shutters at their opening and closing, respectively. Furthermore, it is possible to program the number of quick pulses at the closing and opening of the contact on the BP input (from 0 to 9).	

CVR12	**CONVERTER FOR PERMANENT CONTACT** **2000 RANGE MODULES (REF. 5454807)** This module allows controlling one or more relays through the contact of a timer, twilight sensor, presence detector or anemometer. It detects the contact closing or opening on the BP input and converts it into switch-on or switch-off commands through the R12M accessory.	

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Pilot wire centralisation

Convenient and economical: no more energy waste! By pressing a single pushbutton, all lights and shutters in the house can be controlled.
Centralise lighting and window shutters with **a single pilot wire** connecting all installed modules.
Unlimited number of wired modules on pilot wire, allowing also complex installations.
With several pilot wires it is possible to create more complex centralisations using already installed modules.
Possibility to carry out multi-level centralisations to create separate areas (e.g. living area, bedroom area).

Combined receivers (radio and wired) can also be integrated in a centralised system by means of a pilot wire, while still being controlled by radio transmitters.
The local control can be sent from a single or a double pushbutton. Once a centralised control has been sent, any local control remains available.
The central control device allows controlling the modules of the 500 and 2000 ranges, even simultaneously.

WHOLE HOUSE

TOTAL LIVING AREA

PILOT WIRE

LIVING AREA

LIVING ROOM

PILOT WIRE

PILOT WIRE

KITCHEN   DINING ROOM   BATHROOM   OFFICE   LIVING ROOM SOUTH 1   LIVING ROOM SOUTH 2   LIVING ROOM EST

Wired modules item number table

DESCRIPTION	MODEL	ARTICLE CODE	500W WITHOUT NEUTRAL WIRE	2000W WITHOUT NEUTRAL WIRE	500W WINDOW SHUTTER MODULE	FLUSH-MOUNTED VERSION	VERSION ON DIN RAIL
WIRED MODULES							
Electronic toggle relay	MTR500E	5454050	●			●	
Timed relay	MTT500E	5454054	●			●	
Flashing light	MTC500E	5454056	●			●	
Dimmer	MTV500E	5454052	●			●	
Timed dimmer	MTVT500E	5454055	●			●	
Staircase lights timer	MTM500E	5454051	●			●	
Smart multifunctional dimmer	MTK500E	5454053	●			●	
Electronic toggle relay	MTR500M	5454060	●			●	●
Flush-mounted timed relay	MTT500M	5454064	●			●	●
Dimmer	MTV500M	5454062	●			●	●
Timed dimmer	MTVT500M	5454065	●			●	●
Staircase lights timer	MTM500M	5454061	●			●	●
Toggle relay	MTR2000E	5454350		●		●	
Staircase lights timer	MTM2000E	5454351		●		●	
Night saving	MEP2000E	5454356		●		●	
Toggle relay	MTR2000M	5454360		●			●
Staircase lights timer	MTM2000M	5454361		●			●
Window shutter module	MVR500E	5454090			●	●	

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Radio power multifunction toggle relays

The advantages

The Yokis radio modules support the dual operation mode: they can be controlled via radio control device and from local wired buttons at the same time.

Timing operation option:
- automatic switching off from 2 seconds to 4 hours
- double timer for second timer setting up to maximum 12 hours, by pressing and holding the button
- allow switch-off before scheduled time
- wwitch-off notification configurable.

Centralisation: both in wired and radio mode, even on different modules, to control total, partial, progressive switch-on/off.

Thanks to the Yokis Hub, they can also be remotely controlled through the YnO app and managed through scenarios, both with automatic and manual activation.

It can be controlled both in instantaneous and pulse mode.

Compatible with pushbuttons of all wiring systems and with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode).

Modular: Yokis allows extending the initial installation to later times.

Silent: they can be installed on the bottom of a flush-mounted box (depth 40 or 50 mm).

RADIO POWER ELECTRONIC TOGGLE RELAY AND TIMED RELAYS

MTR2000ERP	**2000W RADIO ELECTRONIC TOGGLE RELAY WITH OPTIONAL TIMED OPERATION (REF. 5454462)** The MTR2000ERP flush-mounted relay, thanks to its potential free contact, can control any device up to 2000W (e.g. light, exhaust fan, irrigation, garage, door…) requiring a dry contact. Optional timing operation; the MTR2000ERP relay can be used as staircase light timer and can be controlled by a radio transmitter as well as by a wired button or wired switch. MTR2000ERP is compatible with all the Yokis transmitters. Toggle relays can be centralised and allow the creation of scenarios on several modules for a total switch on and off, through pilot wire for wired modules and through the Radio Bus only for radio modules. It can control another radio receiver, even to create centralised and group controls, becoming a battery-less transmitter.	
MTR2000ERPX	**2000W RADIO ELECTRONIC TOGGLE RELAY WITH OPTIONAL TIMED OPERATION WITH EXTERNAL AERIAL (CODICE 5454463)** The MTR2000ERPX flush-mounted relay with external aerial, thanks to its potential free contact, can control any device up to 2000W (e.g. light, exhaust fan, irrigation, garage, door…) requiring a dry contact. Optional timing operation; the MTR2000ERPX relay can be used as staircase light timer and can be controlled by a radio transmitter as well as by a wired button or wired switch. MTR2000ERPX is compatible with all the Yokis transmitters. Toggle relays can be centralised and allow the creation of scenarios on several modules for a total switch on and off, through pilot wire for wired modules and through the Radio Bus only for radio modules. It can control another radio receiver, even to create centralised and group controls, becoming a battery-less transmitter. The external antenna are useful to increase the radio range, for instance in case of flush-mounted metal boxes that might reduce the range.	

REFERENCES

RADIO POWER ELECTRONIC TOGGLE RELAY AND TIMED RELAYS

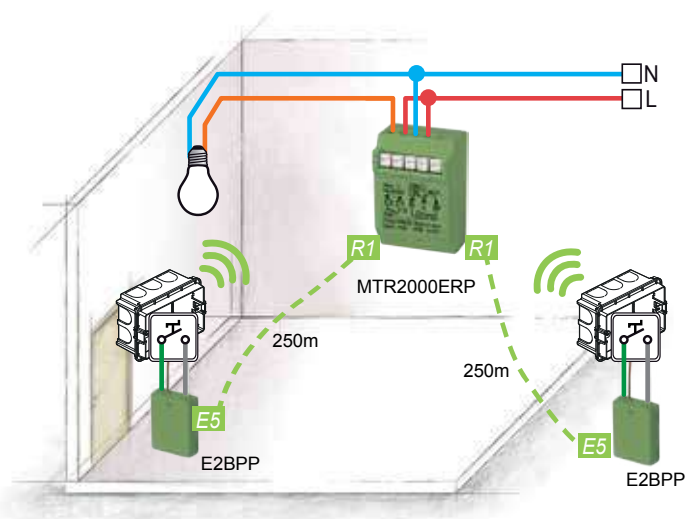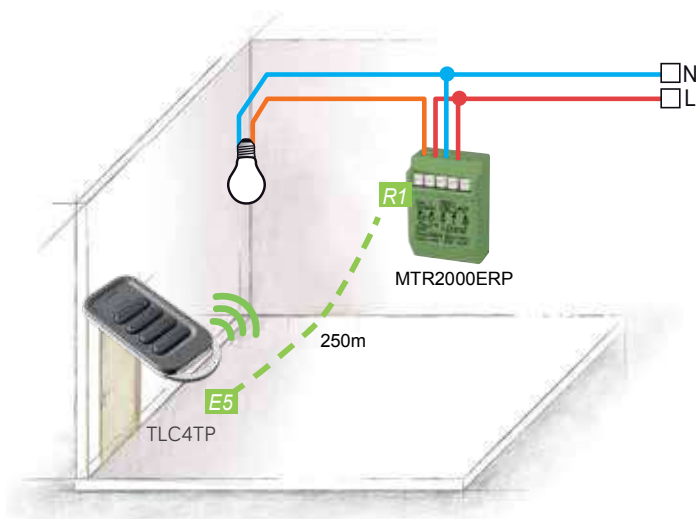|	
MTR2000MRP	**2000W RADIO ELECTRONIC TOGGLE RELAY WITH NEUTRAL WIRE ON DIN RAIL (REF. 5454464)** The MTR2000ERP relay on DIN rail, thanks to its potential free contact, can control any device up to 2000W (e.g. light, exhaust fan, irrigation, garage, door…) requiring a dry contact. Optional timing operation; the MTR2000ERP relay can be used as staircase light timer and can be controlled by a radio transmitter as well as by a wired button or wired switch. MTR2000ERP is compatible with all the Yokis transmitters. The Yokis radio modules support the dual operation mode: they can be controlled via radio control device and from local wired buttons at the same time. Toggle relays can be centralised and allow the creation of scenarios on several modules for a total switch on and off, through pilot wire for wired modules and through the Radio Bus only for radio modules. It can control another radio receiver, even to create centralised and group controls, becoming a battery-less transmitter.
MTR2000MRPX	**2000W RADIO ELECTRONIC TOGGLE RELAY WITH NEUTRAL WIRE AND EXTERNAL AERIAL, ON DIN RAIL (REF. 5454465)** The MTR2000MRPX relay on DIN rail, with external aerial, thanks to its potential free contact, can control any device up to 2000W (e.g. light, exhaust fan, irrigation, garage, door…) requiring a dry contact. It can be connected to other Yokis radio receivers to design centralised and group controls. Compatible with existing wirings in which the pushbutton common is connected to neutral or phase (possible use in 3-wire or 4-wire mode). MTR2000MRPX is compatible with all the Yokis transmitters. The Yokis radio modules support the dual operation mode: they can be controlled via radio control device and from local wired buttons at the same time. Toggle relays can be centralised and allow the creation of scenarios on several modules for a total switch on and off, through pilot wire for wired modules and through the Radio Bus only for radio modules. It can control another radio receiver, even to create centralised and group controls, becoming a battery-less transmitter. The external antenna are useful to increase the radio range, for instance in case of flush-mounted metal boxes that might reduce the range.

This solution can be done with all Yokis transmitters

Radio power dimmer

The advantages

Allow precise control of dimming, with possible light variation starting from only 3 W.
Consumption is reduced according to brightness variation.
Level saving functions of last switch-on and preferred level.
Compatible with dimmable capacitive, resistive and inductive loads up to 500W.
Timing operation function: from 2 seconds to 4 hours, with

switch-off warning and possibility to extend the duration.
Centralisation: both in wired and radio mode, even on different modules, to control total, partial, progressive switch-on/off.
Thanks to the Yokis Hub, they can also be remotely controlled through the YnO app and managed through scenarios, both with automatic and manual activation.

RADIO POWER DIMMER MODULE

|	
MTV500ERP	**RADIO POWER 500W DIMMER WITH OPTIONAL TIMED OPERATION WITH NEUTRAL WIRE (REF. 5454457)** The MTV500ERP flush-mounted radio dimmer manages a variation of brightness from 3% to 100% on loads up to 500W, by pressing and holding the button. Compatible with pushbuttons of all wiring systems and it is compatible with several loads, including Incandescent light bulbs, 230V LEDs and dimmable halogen ones. IS compatible with existing wirings with common phase buttons and allows the use of several buttons in parallel. "Soft start/soft stop" functions allows filament and retina protection, improved light perception. It supports a double level of memory: by pressing the button once it switches on at 100%, by pressing it twice the previously saved dimming value is retrieved. Timing operation function: allow to set the automatic switching off from 2 seconds to 4 hours, with possibility to anticipate the switch-off. Smart functions: children's room night light function, automatic lights switch off, if you forget about it.
MTV300MRP	**300W TIMED MODULAR RADIO POWER DIMMER (REF. 5454479)** The MTV300MRP radio power dimmer manages a change in brightness from 3% to 100% on loads up to 300W, by prolonged pressure on the button. Supports a double memory level: memorization of the last brightness level that can be recalled at the first press and 100% lighting that can be recalled with 2 short presses on the button (with the possibility of reversing the behavior). It works with controls of any wiring systems and is compatible with various loads, including incandescent lamps, 230V LEDs and dimmable halogen lamps. It is compatible with the existing wirings with common buttons at neutral or phase and allows the use of more buttons in parallel. The "soft start" and "soft stop" functions allow the protection of the luminous load, the retina and the improvement of light perception. Principle of variation by interruption at the beginning or at the end of the phase by automatic recognition of the type of load. Integrated electronic protection against short circuits and overheating.
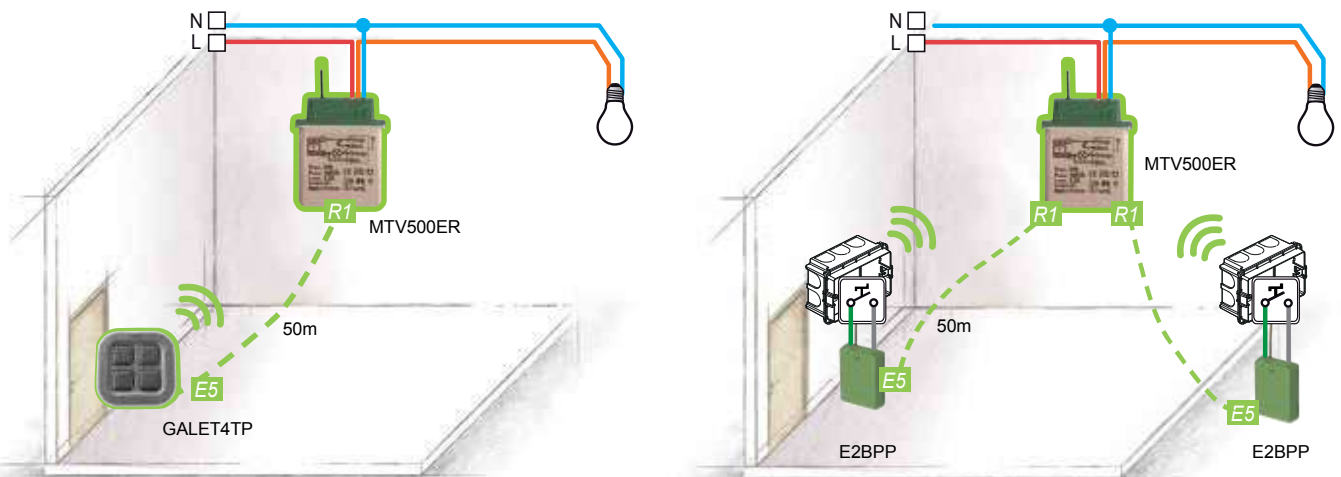
This solution can be done with all Yokis transmitters

Radio window shutter modules

The advantages

The Yokis radio modules support the dual operation mode: they can be controlled via radio control device and from local wired buttons at the same time.

Centralisation: both in wired and radio mode, even on different modules, to control total, partial, progressive switch-on/off.

Advanced functions, thanks to the internal microprocessor:
- Upper and lower electronic limit switch
- Built-in torque control
- Obstacle detection in downstroke
- Pre-programmed intermediate position
- Built-in daily scheduling

Thanks to the Yokis Hub, they can also be remotely controlled through the YnO app and managed through scenarios, both with automatic and manual activation.

Compatible with all shutter types and brands with 3-wire motor and with pushbuttons of all wiring systems.

Silent, even when behind the pushbuttons of the wiring system.

Flexible and modular: installation of the various modules can be extended subsequently, in case of new needs.

Digital coil with protection system in case pushbutton is pressed for a prolonged amount of time.

RADIO WINDOW SHUTTER MODULES

MVR500ERP	**FLUSH-MOUNTED 500W RADIO WINDOW SHUTTER MODULE (REF. 5454467)** Flush-mounted radio module for window shutter control. It can be controlled by an unlimited number of transmitters. The module Compatible with all shutter types and brands with 3-wire motor (Somfy, Aprimatic, Bubendorff, etc…). Thanks to the integrated microprocessor, the module can be programmed to manage advanced functions such as: pre-programmed intermediate position; upper and lower electronic limit switches; built-in torque control, with different modes, taht does not damage the window shutter; reverse movement in case of an obstacle; built-in daily scheduling, that allows automatically opening and closing the window shutters with daily time scheduling. MVR500ERP is compatible with all Yokis transmitters. Yokis radio modules support the dual operation mode: they can be controlled via radio control device and from local wired buttons at the same time. They can also be controlled in a grouped way through centralisations, also on several levels, both through radio control devices using the Yokis Radio Bus and through the wired control devices using the pilot wire.
MVR500ERPX	**FLUSH-MOUNTED 500W RADIO WINDOW SHUTTER MODULE WITH EXTERNAL AERIAL (REF. 5454468)** Flush-mounted radio module for window shutter control. It can be controlled by an unlimited number of transmitters. The module Compatible with all shutter types and brands with 3-wire motor (Somfy, Aprimatic, Bubendorff, etc…). Thanks to the integrated microprocessor, the module can be programmed to manage advanced functions such as: pre-programmed intermediate position; upper and lower electronic limit switches; built-in torque control, with different modes, taht does not damage the window shutter; reverse movement in case of an obstacle; built-in daily scheduling, that allows automatically opening and closing the window shutters with daily time scheduling. MVR500ERPX is compatible with all Yokis transmitters. Yokis radio modules support the dual operation mode: they can be controlled via radio control device and from local wired buttons at the same time. They can also be controlled in a grouped way through centralisations, also on several levels, both through radio control devices using the Yokis Radio Bus and through the wired control devices using the pilot wire. The external antenna are useful to increase the radio range, for instance in case of flush-mounted metal boxes that might reduce the range.

Side tabs: GENERAL INDEX, INDOOR STATIONS, CALL FORWARDING, ENTRY PANELS, VIDEO DOORPHONE SYSTEMS, SYSTEMS ACCESSORIES, COMMUNICATION KITS, TELEPHONY, YOKIS SMART HOME, WIRED INTRUSION ALARMS, WIRELESS INTRUSION ALARMS, FIRE DETECTION, VIDEO SURVEILLANCE, SECURITY KITS, SALES NETWORK

Radio window shutter modules

The advantages

RADIO WINDOW SHUTTER MODULES

MVR500MRP

500W RADIO WINDOW SHUTTER MODULE ON DIN RAIL (REF. 5454469)
DIN-rail radio module for window shutter control. It can be controlled by an unlimited number of transmitters. The module Compatible with all shutter types and brands with 3-wire motor (Somfy, Aprimatic, Bubendorff, etc…). Thanks to the integrated microprocessor, the module can be programmed to manage advanced functions such as: pre-programmed intermediate position; upper and lower electronic limit switches; built-in torque control, with different modes, taht does not damage the window shutter; reverse movement in case of an obstacle; built-in daily scheduling, that allows automatically opening and closing the window shutters with daily time scheduling. MVR500MRP is compatible with all Yokis transmitters. Yokis radio modules support the dual operation mode: they can be controlled via radio control device and from local wired buttons at the same time. They can also be controlled in a grouped way through centralisations, also on several levels, both through radio control devices using the Yokis Radio Bus and through the wired control devices using the pilot wire.

MVR500MRPX

500W RADIO WINDOW SHUTTER MODULE ON DIN RAIL WITH EXTERNAL AERIAL (REF. 5454470)
DIN-rail radio module for window shutter control. It can be controlled by an unlimited number of transmitters. The module Compatible with all shutter types and brands with 3-wire motor (Somfy, Aprimatic, Bubendorff, etc…). Thanks to the integrated microprocessor, the module can be programmed to manage advanced functions such as: pre-programmed intermediate position; upper and lower electronic limit switches; built-in torque control, with different modes, taht does not damage the window shutter; reverse movement in case of an obstacle; built-in daily scheduling, that allows automatically opening and closing the window shutters with daily time scheduling. MVR500MRPX is compatible with all Yokis transmitters. Yokis radio modules support the dual operation mode: they can be controlled via radio control device and from local wired buttons at the same time. They can also be controlled in a grouped way through centralisations, also on several levels, both through radio control devices using the Yokis Radio Bus and through the wired control devices using the pilot wire. The external antenna are useful to increase the radio range, for instance in case of flush-mounted metal boxes that might reduce the range.
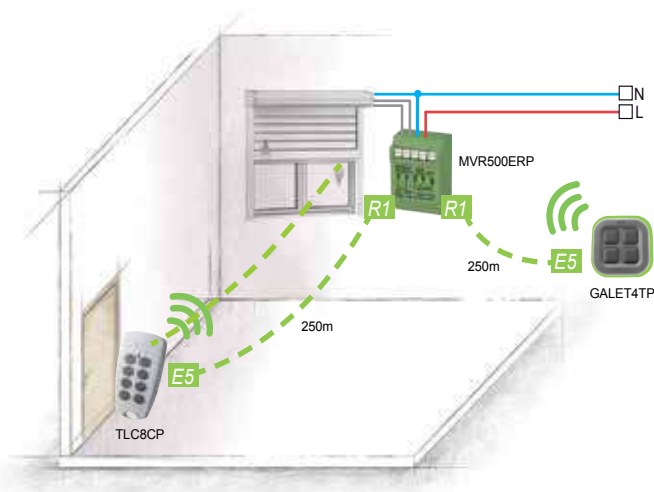
No more cables to pull with the Yokis local and centralised remote controls
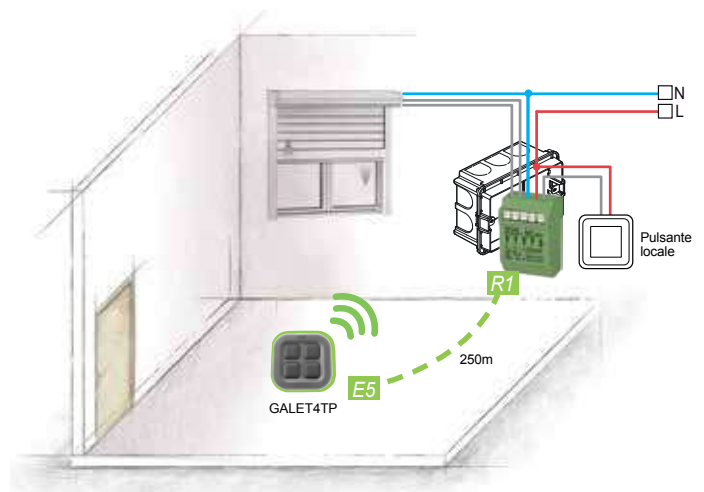
The shutter can be controlled both through wired button and remote control

Radio Power automation modules

RADIO POWER AUTOMATION MODULES

MAU500ERP

MODULE FOR OPENING GATES / ENTRANCES (REF. 5454475)
The MAU500ERP module allows controlling closing and opening automations such as: gate (door / sliding), garage door, barrier, rolling blinder. It has different operating modes, depending on the type of automatism to which you want to apply it, i.e. Yokis Master, FAAC and Universal. In all cases, all safety functions provided for on the automatism control electronic board remain active. Other available functions are: possibility to force the automatic gate closure when power is back on after a blackout and to set a time interval between when the gate starts opening and when it starts closing again.

MAU500ERPX

MODULE FOR OPENING GATES / ENTRANCES WITH EXTERNAL ANTENNA (REF. 5454476)
The MAU500ERPX module allows controlling closing and opening automations such as: gate (door / sliding), garage door, barrier, rolling blinder. It has different operating modes, depending on the type of automatism to which you want to apply it, i.e. Yokis Master, FAAC and Universal. In all cases, all safety functions provided for on the automatism control electronic board remain active. Other available functions are: possibility to force the automatic gate closure when power is back on after a blackout and to set a time interval between when the gate starts opening and when it starts closing again. The external antenna are useful to increase the radio range, for instance in case of flush-mounted metal boxes that might reduce the range.

|	Resistive loads	Incandescent light bulbs	Fluorescent and energy saving light bulbs	Electronic transformers	Light emitting diode (LED)	Ferromagnetic transformers	Motor
MTR500(E)(M) * MTM500(E)(M) (3) MTT500(E)(M) MTC500E	I max: 2A P min: 5W P max: 500W (2)	I max: 2A P min: 5W P max: 500W (2)	I max: 1A P min: 11VA P max: 250VA (1) (2)	I max: 2A P min: 11VA P max: 500VA (1) (2)	I max: 2A P min: 11VA P max: 250VA (1) (2)	I max: 2A P min: 11VA P max: 500VA (2)	-
MTV500(E)(M) * MTVT500(E)(M) (3) MTK500E	I max: 2A P min: 5W P max: 500W	I max: 2A P min: 5W P max: 500W	I max: 1A P min: 11VA P max: 250VA (1)	I max: 2A P min: 11VA P max: 500VA (1)	I max: 2A P min: 11VA P max: 250VA (1)	I max: 2A P min: 11VA P max: 500VA	-
MTV500ERP * (3)	I max: 2A P min: 2W P max: 500W	I max: 2A P min: 5W P max: 500W	I max: 1A P min: 11VA P max: 250VA	I max: 2A P min: 11VA P max: 500VA	I max: 2A P min: 11VA P max: 250VA	I max: 2A P min: 11VA P max: 500VA	-
MTR2000E MTR2000ER(P)(X) MTM2000E MEP2000E	I max: 10A P max: 2000W	I max: 6A P max: 1380W	I max: 3A P max: 690VA	I max: 3A P max: 690VA	I max: 3A P max: 690VA	I max: 3A P max: 690W	-
MTR2000M MTM2000M MEP2000M MTR2000MRP(X)		I max: 10A P max: 2000W	I max: 5A P max: 1150VA	I max : 5A P max: 1150VA	I max: 5A P max: 1150VA	I max: 5A P max: 1150VA	-
MVR500ER(P)(X) MVR500E MVR500MRP(X)	-	-	-	-	-	-	I max: 2A P max: 500VA

-W- Resistive loads   ☼ Incandescent light bulbs   ⊑ Fluorescent and energy saving light bulbs   ⊡ Electronic transformers
-▷ Light emitting diode (LED)   ]▯[Ferromagnetic transformers   -Ⓜ- Motor

* If the module is installed in a waterproof case, so: Imax=1A and Pmax=250W for resistive loads; Imax=1A and Pmax=250VA for other loads.
(1) Use form 1 to 3 CHR3W accessories in parallel to the load.
(2) 2000 range devices should be preferred if neutral is available.
(3) Maximum power 250VA on all capacitive loads except on TBT 12V electronic transformer (500VA).

Heating Management

Yokis heating management system:

Yokis thermostat works in stand alone mode, if presetting available, or with Yokis radio relay, thanks to the internal Yokis Radio.
Controllable via radio transmitters and Yokis Hub.
Support for scenarios, with Yokis Hub.
Installation through Yokis PRO installer app.
Local and remote management through YnO user app.

The Yokis product range includes the new temperature control function, with the new thermostat with built-in Yokis radio. Easy to use, thanks to its backlit touch display.
It can be controlled via smartphone and tablet both in local and remote mode, for maximum comfort of use and optimisation of energy savings.
With the YnO App it is possible to monitor the house temperature, by activating/deactivating the heating from remote.
Thanks to the built-in Yokis radio function and to the battery power supply, it can be installed anywhere also with no presetting available.

HEATING MANAGEMENT

THERMARP	**RADIO THERMOSTAT FOR WATER HEATING (REF. 5454489)** System based on Yokis radio transmission > Yokis programmable thermostat with weekly programming, which includes a dry contact relay on board to control the boiler in case of wired presetting > Possibility to control Yokis radio relay to control boiler and zone valves in case of no wired presetting > Direct management through its touch display or via Yokis radio thanks to YnO app, both in local and remote mode > Automatic and conditioned management through scenarios > Timed manual mode, without changing the programming > Installation through its touch display or Yokis PRO app for the installer > Summer/Winter profiles > Each thermostat manages 1 Zone. For addition zones add additional thermostats > 3 temperature thresholds: T1, T2, T3
MFP6ARP	**HEATING MODULE WITH PILOT WIRE FOR 4 – 6 COMMANDS (REF. 5454498)** > Compatible with any electrical heating system with pilot wire input > BP button to change the working mode (CoF / c-1 / c-2 / Eco / AF / Off) > Saving the current mode in the event of a power failure > Compatible with wired thermostats > Possibility to manage zones via radio > Local or remote control (in housing connected via YOKIS Hub) > Support for scenarios > Installation via YokisPRO app > Manageble via Yokis YnO app

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Radio centralisation

A single transmitter can control an unlimited number of radio micromodules (through 2.4GHz Radio Bus).
Each receiver can be controlled by an unlimited number of transmitters, thus simplifying the introduction of new wall-mounted or portable radio controls.
All transmitters can be configured to operate with single or centralised control.
Thanks to the wide band of Yokis Radio Bus, it is possible to send several commands and information for centralisations and scenarios at the same time.
A very fast transmission of information on Radio Bus allows having almost immediate response times. Therefore it is possible to simultaneously control several hundreds of radio micromodules.
Based on a two-way system: each radio control provides for the relevant control reception feedback.

Each Yokis radio module is addressed through a unique and protected identification code.
Modules with external antenna are useful to increase the radio range, for instance in case of flush-mounted metal boxes that might reduce the range.
Easier installation: Radio Bus configuration and check is even simpler thanks to Yokis Pro app tailored for professionals.
More comfort for the end user: thanks to Yokis Hub and YnO app, you can manage your systems from wherever you are, inside and outside of your house.
Transmitter pushbuttons can be configured according to your needs: switch-on only, switch-off only and toggle.
Increase the range of a transmitter with the Radio Bus to reach a distant receiver.

DESCRIPTION	MODEL	ARTICLE CODE
LIGHTING		
	MTR2000ERP	5454462
	MTV500ERP	5454457
	MTR2000MRP	5454464

Possible with all Yokis radio transmitters

TLC4TP

MTR2000ERP
MTR2000ERP
MTV500ER
MTR2000ERP
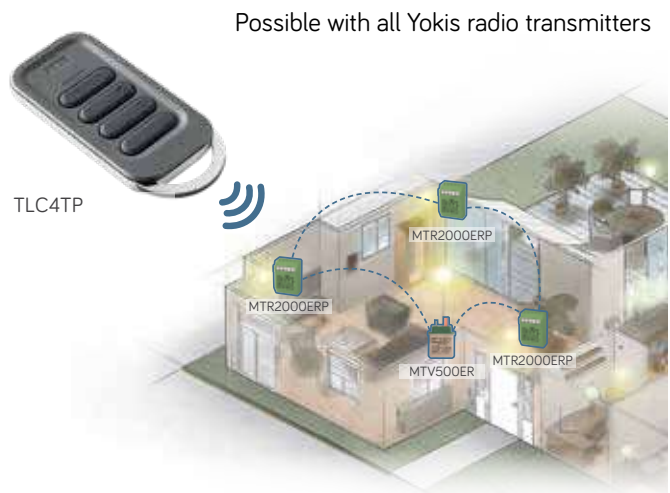
DESCRIPTION	MODEL	ARTICLE CODE
WINDOW SHUTTERS		
	MVR500ERP	5454467
	MVR500MRP	5454469

Possible with all Yokis radio transmitters

TLC2TP

MVR500ERP
MVR500ERP
MVR500ERP
MVR500ERP
MVR500ERP

Yokis Pro

The App for professionals to configure the system.
The Yokis Pro app and the Yokey USB key (Ref. 5454491) make Yokis radio module installation even easier and faster, ensuring the creation of a perfect system based on Radio bus.

SMART RADIO POWER

YOKEY	**(REF. 5454491)** Yokey is the Yokis radio antenna which allows for an easy configuration of the Yokis radio system through the Yokis PRO installer app installed on a tablet. Thanks to the Yokey radio antenna it is possible to directly communicate with the Yokis radio modules (both transmitters and actuators) to facilitate and make the acquisition and the configuration of all customisations that the Yokis radio modules allow managing faster. Moreover, it is possible to create the Yokis Radio Bus through which the various Yokis modules can communicate and check their correct operation and radio signal coverage. It must be installed on Android tablet (4.4 version or later) and have an OTG type USB port available (i.e. able to supply power).

Draw the layout of your system in an easy and quick way, by tracing it on the tablet with your fingers

Launch the automatic acknowledgement of your modules and then position them on the layout

Configure your modules: a parameter diagram helps you not to forget the details

Ask Yokis Pro application to automatically create the Radio Bus that connects modules to one another

Add, set and duplicate control points, by following the guided procedure

Transfer system settings to Yokis Hub, print the installation report and deliver the system to your customer

Save and share the system on Yokis Cloud, for future operations or expansion

YOKEY
Ref.
5454491

Yokishub and YnO

Yokis Hub and YnO app are designed to allow the final user controlling system Yokis modules through tablet or smartphone from wherever you are, inside and outside of your house.

SMART RADIO POWER

YOKIS HUB

(REF. 5454495)
Yokis Hub is the Yokis smart home gateway that allows controlling the Yokis system through the Yokis YnO user app, even when not at home, and to launch scenarios for the management of lights, window shutters and generic automations. With Yokis Hub, the Yokis radio commands are sent to the modules, either directly or by means of the Yokis Radio Bus through which it is possible to reach even distant modules or modules that cannot be reached directly. Thanks to Yokis Hub and to the YnO App, the user is able to use all advanced functions of the Yokis Radio line, including:
> Controlling system modules, singularly or in group
> Exploit centralisations and operation scenarios according to your daily needs
> Configure or duplicate remote controls
> Create and manage access rights to allow third parties (babysitters, caregivers, guests…) to partially or fully manage the system. Yokis Hub can be configured with easy configuration mode by pressing the "Connect" button (up to a maximum of 10 receiving modules) or with full configuration mode through the Yokis PRO App dedicated to the installer and the Yokey programming key.
All Yokis radio transmitters are compatible with Yokis Hub:
remote controls, wall-mounted remote controls and flush-mounted transmitters.
All Yokis radio receivers are compatible with Yokis Hub.
The Yokis radio commands are sent through the radio antenna that can be oriented by 360° (with possibility to use an antenna extension).
The connection towards the IP network is carried out through the RJ45 network port.

Three tools that allow the user to control his/her home from smartphone and tablet with many advantages:
> **Creation of default or new scenarios** that can be recalled from smartphone/ tablet or Urmet video door phone.
> **Creation of guest accounts** (babysitter, cleaning lady, etc.): limited/partial access and management of the system.
> **Application** customisation.
> **A scalable system**: new micromodules can be added at any time (to use the new functions inside the room).

CONFIGURE YOUR SYSTEMS UP TO 10 MODULES WITHOUT THE YOKISPRO APP

Yokis Hub and Yokis radio bus can be configured even without the YokisPRO app in just 5 steps*:
1. set the YOKISHUB to learning mode
2. pair the receiving modules of the system to YOKISHUB
3. create the radio bus between the receiving modules
4. quit the learning mode
5. pair YOKISHUB to the YnO app

*Use this procedure **for systems up to 10 modules** (for larger installations, use the Yokis PRO app).

> After uploading Yokis Pro configuration on Yokis Hub, the user can control his/her system through smartphone and tablet using YnO app.

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Manage your smart home with your voice

UTILIZZA AL MEGLIO L'INTEGRAZIONE
of the Yokis Smart line with voice assistants:
Google Assistant and **Amazon Alexa**, thanks to which it is possible to control your house in the most natural and simple way, i.e. with your voice.
You can choose which voice assistant to use. They all offer very similar experiences of use, therefore, whichever you choose, with Yokis you will be able to experience your home in an even more comfortable and smarter way.
Thanks to the voice assistants it also possible to manage Yokis together with other smart devices: smart appliances, safety systems, multimedia devices and even your car can interact with each other based on the habits, but, in any case, differently according to the context.

Controlling the lights with your voice is just the beginning. Make the most of your Yokis electrical system by asking Google Assistant to:
> open the gate
> turn off an appliance
> recall your favourite scenarios.

Requirements
> Installation of Yokis radio modules in your electrical system
> the Yokis hub web server that allows Google Assistant to communicate with the installed Yokis products.

The Yokis modules must be installed by a professional. Ask your installer!

Yokis®
URMET|GROUP

works with the
Google Assistant

Google Assistant and all related logos are trademarks of Google.com, Inc. or its affiliates.

Hey Google, open the gate.

Amazon Alexa is the voice service based on the Amazon cloud. Thanks to **Amazon Echo,** a smart speaker with voice commands it is possible to carry out simple actions without getting up from the sofa.

Controlling the lights with your voice is just the beginning. Make the most of your Yokis electrical system by asking Amazon Alexa to:
> turn on or adjust the intensity of the lights
> adjust the temperature
> simplify getting out of the house with the centralisations.

Requirements
> Installation of Yokis radio modules in your electrical system
> the Yokis hub web server that allows Google Assistant to communicate with the installed Yokis products.

The Yokis modules must be installed by a professional. Ask your installer!

Yokis
URMET|GROUP

WORKS WITH
alexa

Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates.

"Alexa, dim the lights."

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Radio transmitters

The advantages

A wide range of transmitters (flush-mounted, key ring and table transmitters) compatible with all Yokis receivers.
Each pushbutton can control up to 4 receivers in direct mode and an unlimited number of receivers in Radio Bus mode.
Each Yokis module can be controlled by an unlimited number of transmitters.
Possibility to send commands to several Yokis radio receivers to design centralised and group controls.
Yokis radio modules allows two-way transmission. The transmitter flashes twice to inform that the command has been sent and received, thanks to the notification LED on transmitter.
Flexible: installation is scalable and can be completed gradually.
Customisable: with YnO App the user can customise the command associated with the single remote control buttons.
Range: inside a single room, 250 metres in free field without obstacles.
All the transmitters are powered by a CR2032 lithium battery has an average duration of 5 years.

RADIO POWER FLUSH-MOUNTED TRANSMITTERS

E2BPP	**FLUSH-MOUNTED RADIO TRANSMITTER WITH 2 INDEPENDENT CHANNELS (REF. 5454413)** The transmitting module can be wired behind the buttons of any wiring system available on the market and it is compatible with all Yokis radio receivers. If the receiver is the MTR2000ERP/X or the MTR2000MRP/X it can be connected both with buttons and with switches. The MVR500ER radio dimmer can only be controlled by buttons. The left (brown wire) and right (green wire) channels operate totally independently. The transmitter can be connected to a double button to control window shutters (up/down movement).	
E2BPPX	**FLUSH-MOUNTED RADIO TRANSMITTER WITH 2 INDEPENDENT CHANNELS WITH EXTERNAL AERIAL (REF. 5454414)** The transmitting module can be wired behind the buttons of any wiring system available on the market and it is compatible with all Yokis radio receivers. If the receiver is the MTR2000ERP/X or the MTR2000MRP/X it can be connected both with buttons and with switches. The MVR500ER radio dimmer can only be controlled by buttons. The left (brown wire) and right (green wire) channels operate totally independently. The transmitter can be connected to a double button to control window shutters (up/down movement). The external antenna are useful to increase the radio range, for instance in case of flush-mounted metal boxes that might reduce the range.	
E4BPP	**FLUSH-MOUNTED RADIO TRANSMITTER WITH 4 INDEPENDENT CHANNELS (REF. 5454427)** The transmitting module can be wired behind the buttons of any wiring system available on the market and it is compatible with all Yokis radio receivers. If the receiver is the MTR2000ERP/X or the MTR2000MRP/X it can be connected both with buttons and with switches. The MVR500ERP radio dimmer can only be controlled by buttons. All 4 channels are completely independent. The transmitter can be connected to a double button to control window shutters (up/down movement).	
E4BPPX	**FLUSH-MOUNTED RADIO TRANSMITTER WITH 4 INDEPENDENT CHANNELS WITH EXTERNAL AERIAL (REF. 5454428)** The transmitting module can be wired behind the buttons of any wiring system available on the market and it is compatible with all Yokis radio receivers. If the receiver is the MTR2000ERP/X or the MTR2000MRP/X it can be connected both with buttons and with switches. The MVR500ERP radio dimmer can only be controlled by buttons. All 4 channels are completely independent. The transmitter can be connected to a double button to control window shutters (up/down movement). The external antenna are useful to increase the radio range, for instance in case of flush-mounted metal boxes that might reduce the range.	

REFERENCES

RADIO POWER KEY RING TRANSMITTERS

TLC8CP

KEY RING TRANSMITTER WITH 8 INDEPENDENT PUSHBUTTONS (REF. 5454423)
Remote control compatible with all Yokis radio receivers. Each pushbutton can control up to 4 receivers in direct mode and an unlimited number of receivers in Radio Bus mode. Two-way transmission: the transmitter flashes twice to inform that the command has been sent and received, thanks to the notification LED on transmitter. Makes the most of the broad functionality of Yokis modules. Can be used to centralise several MTR2000ERP relays, for instance by using the left pushbutton to switch off all loads and the right pushbutton to switch them on.

TLC1TP

1-PUSHBUTTON POWER REMOTE CONTROL, DESIGN LINE (REF. 5454430)
1-pushbutton remote control with new design: case material and soft weave buttons, compatible with all Yokis radio receivers. Each pushbutton can control up to 4 receivers in direct mode and an unlimited number of receivers in Radio Bus mode. Two-way transmission: the LED notification inform that the command has been sent and received.
It can be used for direct commands (single or multiple), centralisation or scenario activation. It can be wall-mounted, using the accessory shell support not included (ref. 5454080).

TLC2TP

2-PUSHBUTTON POWER REMOTE CONTROL, DESIGN LINE (REF. 5454431)
2-pushbutton key ring remote control with new design: metal ring, case material and soft weave buttons, compatible with all Yokis radio receivers. Each pushbutton can control up to 4 receivers in direct mode and an unlimited number of receivers in Radio Bus mode. Two-way transmission: the LED notification inform that the command has been sent and received.
It can be used for direct commands (single or multiple), centralisation or scenario activation. It can be wall-mounted, using the accessory shell support not included (ref. 5454080).
Provided with rubber protective shell (ref. 5454087).

TLC4TP

4-PUSHBUTTON POWER REMOTE CONTROL, DESIGN LINE (REF. 5454432)
4-pushbutton key ring remote control with new design: metal ring, case material and soft weave buttons, compatible with all Yokis radio receivers. Each pushbutton can control up to 4 receivers in direct mode and an unlimited number of receivers in Radio Bus mode. Two-way transmission: the LED notification inform that the command has been sent and received. It can be used for direct commands (single or multiple), centralisation or scenario activation. It can be wall-mounted, using the accessory shell support not included (ref. 5454080).
Provided with rubber protective shell (ref. 5454087).

GALET4TP

4-PUSHBUTTON REMOTE CONTROL FLAT, DESIGN LINE (REF. 5454433)
4-pushbutton table remote control with new design: casing and button material with soft weave, compatible with all Yokis radio receivers.
The buttons of this remote control can feature a number (from 0 to 4) or a descriptive icon of the execution for which they have been programmed (e.g. window shutter, lighting, timer, scenarios, etc.). Each pushbutton can control up to 4 receivers in direct mode and an unlimited number of receivers in Radio Bus mode. Two-way transmission: the LED notification inform that the command has been sent and received. It can be used for direct commands (single or multiple), centralisation or scenario activation. It can be wall-mounted, using the double-sided adhesive tape (included). Set of buttons with icons available as accessory to customise the intended use of the single channels of the remote control.

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Radio transmitters

RADIO POWER ACCESSORIES

SUP01 - AERIAL SUPPORT (REF. 5454085)
Plastic support for wall mounting, horizontal or vertical mounting, of the antenna for radio modules with external antenna.

SHELL FOR TLC2TP AND TLC4TP DESIGN LINE REMOTE CONTROLS (REF. 5454087)
Protective casing for design line remote controls.
Compatible with the remote controls: TLC2TP (5454431) and TLC4TP (5454432).

DESIGN LINE REMOTE CONTROLS SUPPORT (REF. 5454080)
Remote control holder accessory to be installed on the wall.
Compatible with the remote controls: TLC1TP (5454430), TLC2TP (5454431) and TLC4TP (5454432).

WALL-MOUNTED RADIO TRANSMITTERS

TLM1T45	**WALL-MOUNTED 1-PUSHBUTTON REMOTE CONTROL (REF. 5454417)** Wall-mounted 1-pushbutton radio transmitter. Ideal for sliding doors and to integrate the system with new control points, with no masonry work required, as it can be fixed to a surface with two dowels or with supplied double-sided adhesive tape. Battery power supply (CR2032) with average expected duration of 7 years.
TLM2T45	**WALL-MOUNTED 2-PUSHBUTTON REMOTE CONTROL (REF. 5454419)** Wall-mounted 2-pushbutton radio transmitter. Ideal for sliding doors and to integrate the system with new control points, with no masonry work required, as it can be fixed to a surface with two dowels or with supplied double-sided adhesive tape. Battery power supply (CR2032) with average expected duration of 7 years.
TLM4T45	**WALL-MOUNTED 4-PUSHBUTTON REMOTE CONTROL (REF. 5454421)** Wall-mounted 4-pushbutton radio transmitter. Ideal for sliding doors and to integrate the system with new control points, with no masonry work required, as it can be fixed to a surface with two dowels or with supplied double-sided adhesive tape. Battery power supply (CR2032) with average expected duration of 7 years.

DESCRIPTION	MODEL	ARTICLE CODE
ACCESSORIES FOR RADIO RANGE		
External aerial 60cm extension	RAL60	5454083
External aerial 60cm extension	RAL200	5454084
Aerial support, horizontal or vertical mounting	SUP01	5454085
Double-sided adhesive tape for wall-mounted control devices	ADHTLM	5454086
Pack of no. 4 supports for TLC4CP / TLC8CP remote controls	TLC SUPPORT	5454082

2020 GENERAL CATALOGUE   **urmet**

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RADIO KITS

RADIOSA KIT (REF. 5454520)
Radio kit for the control of a dry contact relay suitable for the control of a light point of a controlled socket. Kit content:
- 1 wall-mounted 1-pushbutton remote control TLM1T45
- 1 2000w radio electronic toggle relay with optional timed operation MTR2000ERP

VVP RADIO POWER KIT - DIMMER KIT WITH DIVERTER (REF. 5454521)
Wireless two-way switch complete kit with two activation points and light control relays. Kit content:
- 1 2000W electronic toggle relay with optional timed operation MTR2000ERP
- 2 2-channel transmitter for pushbutton E2BPP

VARVVP RADIO POWER KIT - DIMMER KIT WITH DEVIATION (REF. 5454523)
Wireless complete kit for a dimmed light controlled from two points.
Kit content:
- 1 500W electronic toggle relay with optional timed operation and neutral wire MTV500ER
- 2 2-channel transmitter for pushbutton E2BPP
- 1 package of no. 5 resistive loads for CFL or LED lamps CHR3W

5-SHUTTER RADIO POWER KIT (REF. 5454556)
Complete kit for the automation of 5 window shutters with radio control.
Kit content:
- 5 window shutter module MVR500ERP
- 1 4-pushbutton remote control TLC4TP
- 1 package of no. 5 double pushbutton interfaces R12M

LIGHTING START KIT (REF. 1054/4)
Radio automation basic kit for light control.
Kit content:
- 2 2000W relay with optional timed operation MTR2000ERP
- 1 500W dimmer with optional timed operation with neutral MTV500ER
- 1 4-channel transmitter for pushbuttons E4BPP

SMART LIGHTING KIT (REF. 1054/5)
Automation kit with Yokis Hub for light control through smartphone and tablet. Kit content:
- 2 2000W relay with optional timed operation MTR2000ERP
- 2 500W dimmer with optional timed operation with neutral MTV500ER
- 1 YOKIS HUB

BASE SYSTEM KIT (REF. 1054/6)
Radio automation kit for a building automation system, light and automation control. Kit content:
- 4 window shutter module MVR500ERP
- 2 2000W relay with optional timed operation MTR2000ERP
- 2 500W dimmer with optional timed operation with neutral MTV500ER
- 1 4-pushbutton table remote control GALET4TP

YPRO KIT (REF. 5454497)
Professional programming kit for configuration and validation of Yokis radio systems. Automatic creation and optimisation of Radio Bus. System configuration directly from tablet with Yokey and Yokis Pro application. Project saving and sharing with staff on Yokis Cloud with the utmost security. YPRO kit and Yokis Pro facilitates: automatic detection of radio receivers (V5 and later versions); configuration of radio receivers and transmitters through graphic interface thanks to YOKIS Pro application; system testing with check of single receiver operation through the application; automatic creation and optimisation of Radio Bus; creation of centralised and area controls and of operation scenarios; saving of data and system configurations, and subsequent creation of final report

Radio modules item number table

DESCRIZIPTION	MODEL	ARTICLE CODE	RADIO	RADIO: TRANSMITTERS	RADIO: RECEIVERS
RADIO MODULES					
Yokey	YOKEY	5454491	●		
Yokis Hub	YOKISHUB	5454495	●		
Yokis Programmable Thermostat	YOKIS THERMO	5454489		●	●
Flush-mounted radio transmitter with 2 independent channels	E2BPP	5454413			
Flush-mounted radio transmitter with 2 independent channels with external aerial	E2BPPX	5454414		●	
Flush-mounted radio transmitter with 4 independent channels	E4BPP	5454427		●	
Flush-mounted radio transmitter with 4 independent channels with external aerial	E4BPPX	5454428		●	
Key ring transmitter with 8 independent pushbuttons	TLC8CP	5454423		●	
1-pushbutton power remote control, design line	TLC1TP	5454430		●	
2-pushbutton power remote control, design line	TLC2TP	5454431		●	
4-pushbutton power remote control, design line	TLC4TP	5454432		●	
4-pushbutton remote control flat, design line	GALET4TP	5454433		●	
Wall-mounted 1-pushbutton remote control	TLM1T45	5454417		●	
Wall-mounted 2-pushbutton remote control	TLM2T45	5454419		●	
Wall-mounted 4-pushbutton remote control	TLM4T45	5454421		●	
2000W relay with optional timed operation	MTR2000ERP	5454462			●
2000W relay with optional timed operation with external aerial	MTR2000ERPX	5454463			●
2000W relay with optional timed operation	MTR2000MRP	5454464			●
2000W relay with optional timed operation with external aerial	MTR2000MRPX	5454465			●
500W window shutter module	MVR500ERP	5454467			●
500W window shutter module with external aerial	MVR500ERPX	5454468			●
500W window shutter module	MVR500MRP	5454469			●
500W window shutter module with external aerial	MVR500MRPX	5454470			●
500W dimmer with optional timed operation with neutral	MTV500ERP	5454457			●
Gate automation module	MAU500ERP	5454475			●
Gate automation module with external antenna	MAU500ERPX	5454476			●

Module function table

FUNCTIONS	500W LIGHTING					2000W LIGHTING				WINDOW SHUTTERS		AUTOMATION
	MTR 500	MTM 500	MTC 500E	MTV 500	MTV 500ERP RADIO	MTR 2000	MTM 2000	MTR 2000 RADIO	MEP 2000	MVR 500E	MVR 500 RADIO	MAU500 RADIO
Soft start / Soft stop	●	●	●	●	●							
Pilot wire centralisation	●	●	●	●		●	●	●		●	●	
Radio bus centralisation					●			●			●	●
Consumption reduced based on light intensity				●	●							

TIMING FUNCTIONS	MTR 500	MTM 500	MTC 500E	MTV 500	MTV 500ERP RADIO	MTR 2000	MTM 2000	MTR 2000 RADIO	MEP 2000	MVR 500E	MVR 500 RADIO	MAU500 RADIO
Timer from 2 seconds to 4 hours	●	●		●	●	●	●	●				●
Possible unlimited duration	●	●		●	●	●	●	●				●
12-hour long duration				●		●	●	●				
1-hour long duration	●	●										
Switch-off notification						●	●	●				
Warning with gradual switch-off	●	●		●	●							

DIMMER FUNCTIONS	MTR 500	MTM 500	MTC 500E	MTV 500	MTV 500ERP RADIO	MTR 2000	MTM 2000	MTR 2000 RADIO	MEP 2000	MVR 500E	MVR 500 RADIO	MAU500 RADIO
Variation				●	●							
Last switch-on memory				●	●							
Preset memory				●	●							
Minimum brightness configuration				●	●							

OTHER FUNCTIONS	MTR 500	MTM 500	MTC 500E	MTV 500	MTV 500ERP RADIO	MTR 2000	MTM 2000	MTR 2000 RADIO	MEP 2000	MVR 500E	MVR 500 RADIO	MAU500 RADIO
Anti-jam function		●				●						
Configuration block	●	●	●	●	●	●	●	●	●	●	●	●
Daily scheduler						●				●	●	
Presence simulation				●								
Children's room night light				●	●							
Blinking mode			●					●				

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Wired intrusion alarms

Systems and components for enhanced security

Solutions for all environments; residential, small businesses, medium enterprises and services

Urmet's **intrusion detection** systems are professional, they guarantee high safety performance and are suitable for different protection needs in a residential, tertiary or industrial environment.

Wired range includes control units, accessories and peripherals to make installations **safe** and **complete**. Urmet has also developed some **Apps** the alert system management simple and user friendly.

1061 System

1067+ System

Volumetric detectors

Outdoor detectors

Barriers

Perimeter detectors

Sounders

Actuators

Apps

1061 intrusion alarm system

System 1061 features an advanced yet easy-to-use technology. It communicates over bus line, can manage **4 freely** associable zones, includes **6 inputs** for alarm detectors and **4 outputs** for actuators. It can be activated and controlled using code by means of keyboards, electronic or proximity keys and, even easier, with an **APP.** It is suitable for residential environments and small-sized business activities. The system is **EN50131** certified.

THE APPLICATION ALLOWS YOU TO

> Acquire the control unit automatically
  or via QR code
> Associate CCTV devices with
  alarm system zones
> Activate, deactivate and split the system
> Display images after an alarm event
  has taken place
> Display information on the status of: alarms,
  zones (open/closed/excluded), tampering,
  fault, malfunction, activation/deactivation.
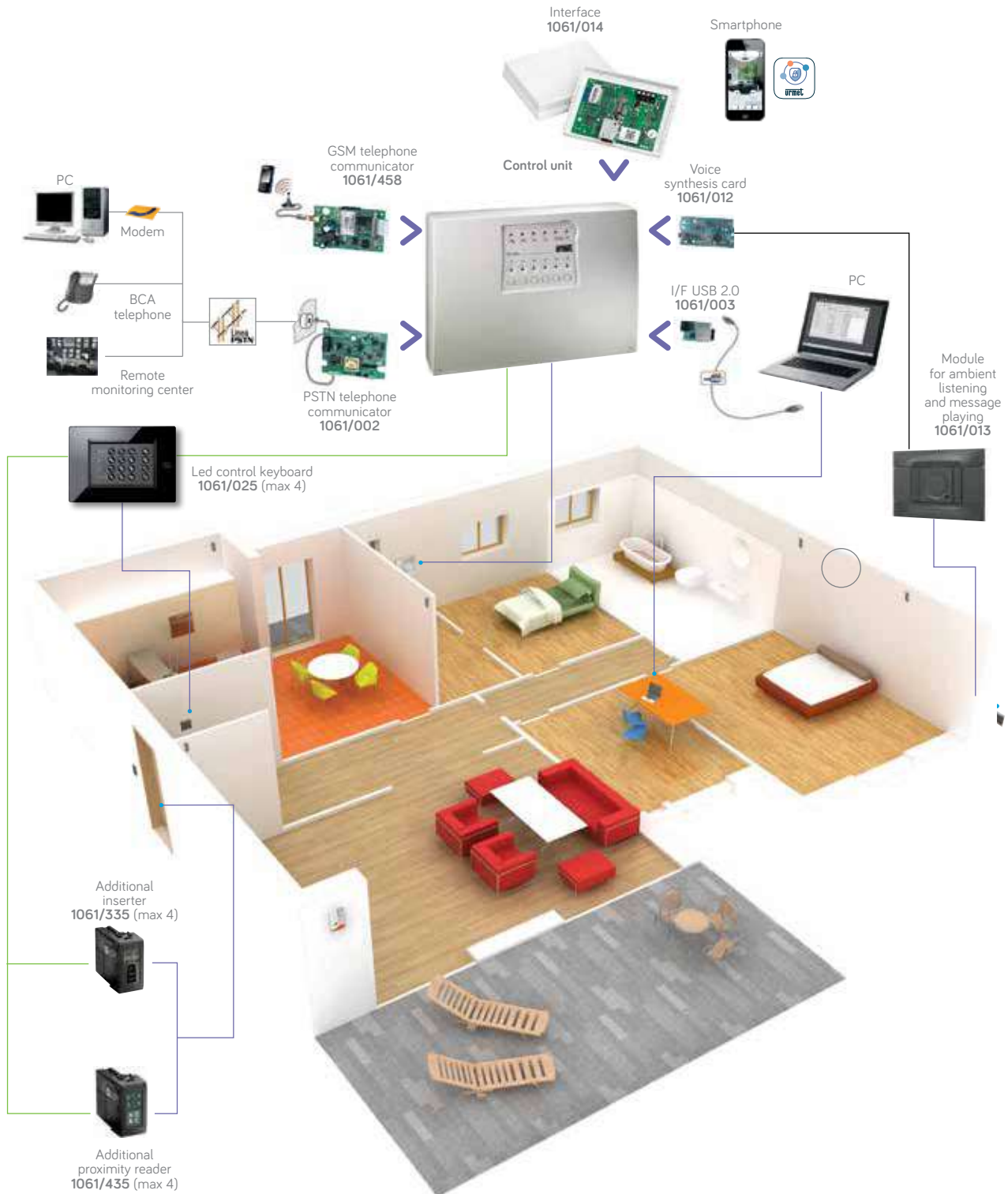> Manage event push notifications
> Geolocation

URMET SECURE
The **new free APP** allows **controlling your alarm system** in a simple and user-friendly way via **smartphone or tablet.** It is possible to display the status of the system and activate or deactivate it totally or partially. **Not only intrusion alarm, but also video surveillance.**

GET IT ON Google Play   Download on the App Store

1061/006A application diagram

Interface
1061/014

Smartphone

GSM telephone
communicator
1061/458

Control unit

Voice
synthesis card
1061/012

PC

Modem

BCA
telephone

I/F USB 2.0
1061/003

PC

Remote
monitoring center

PSTN telephone
communicator
1061/002

Module
for ambient
listening
and message
playing
1061/013

Led control keyboard
1061/025 (max 4)

Additional
inserter
1061/335 (max 4)

Additional
proximity reader
1061/435 (max 4)

> Robbery alarm, panic alarm and technological
  alarm management
> Ambient Listening
> PSTN and GSM communicators
> Communicating over bus line
> Remote system status enquiry

> Sending alarm signals through numerical
  protocol
> Fast inputs (for direct connection of roller
  shutter contact)
> Programmable both locally and remotely via PC
> EN50131 GR certification. 1

1061 intrusion alarm system

CONTROL UNITS

1061/006A　　　6-LINE MULTIFUNCTIONAL CONTROL UNIT. EN50131

1061/006A MAIN FEATURES

> Number of inputs	6	> Automatic input disabling	After 8 alarm events or upon arming
> Number of outputs	4	> USB interface	Optional
> Number of freely splittable zones	4	> Remote management	YES, through SW
> Ingressi selezionabili	NC – balanced – fast selectable inputs (for direct connection of roller shutter contact)	> PSTN telephone dialler	Optional
> Control devices: max.	8 (4 control panels + 4 arming systems/tags)	> Optional GSM telephone dialler	Optional
> Sabotage	1 input 24H	> PSTN/GSM priority selection	YES
> Max. number of keys	10	> Telemanagement	Remote management of event query and system ON/OFF through DTMF controls
> Max. number of codes	10 (from 4 to 6 digits)	> Remote configuration	Assistance and change of system parameters
> Inputs can be freely associated with zones	YES	> Remote monitoring	Sending of alarm through numerical protocol IDP - ADF - SIA
> Robbery alarm function (only with control panel)	YES	> Supply voltage	220 Vca - 240 Vca
> Management of a technological alarm	YES	> Battery to be housed	1 pz da 12V@7A
> Management of panic alarm	YES	> Container	Material ABS (V0)
> IN/OUT times	Selectable	> Protection class	IP30
> Delayed inputs	1 (priority)	> Weight (without battery)	1,450 Kg

CONTROL DEVICES

1061/025	LED CONTROL KEYBOARD > Max. number of codes: 10 (4 to 6 digits) > 4-wire connection on bus > Anti-robbery function with programmable code typing > Surface wall mount installation > Recessed installation on 3 modules with Simon Urmet civil series of Nea series > System splitting on 4 zones > Signalling of zone status on dedicated LEDs with storage of alarms and fault notifications > Internal buzzer > Colour: anthracite > Protection class: IP40 > Dimensions (W x H x D): 125 x 91 x 34 mm - 4.92 x 3.58 x 1.33 in
1061/026	LED CONTROL KEYBOARD Same characteristics as article 1061/025 but in white

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1061/335	**ADDITIONAL INSERTER** This module allows activating/deactivating the system through an electronic key. > 4-wire connection on bus > Colour: anthracite > Supplied: 1 Simon Urmet adapter of Nea series	
1061/336	**ADDITIONAL INSERTER** Same features as ref. 1061/335 but in white.	
1067/332	**ADDITIONAL KEY KIT** The Kit includes: > 3 electronic keys to be programmed, suitable for systems 1061 and 1067	
1061/435	**ADDITIONAL PROXIMITY READER** This module allows activating/deactivating the system through a proximity key. > 4-wire connection on bus > Colour: anthracite > Supplied: 1 Simon Urmet adapter of Nea series	
1061/436	**ADDITIONAL PROXIMITY READER** Same features as ref. 1061/435 but in white.	
1056/032	**ADDITIONAL PROXIMITY KEY KIT** The Kit includes: > 3 proximity keys to be programmed, suitable for systems 1061 and 1067	

ACCESSORIES

1061/002	**PSTN TELEPHONE COMMUNICATOR** Through an encoded digital dialogue, this interface allows transmitting information concerning the system's status and alarms to dedicated Surveillance Centres. When combined to a voice synthesis card, it allows sending voice messages through telephone calls. Its use allows for remote enquiry through DTMF commands. The communicator can be programmed with the function keys of the control unit or via PC..	
1061/458	**GSM TELEPHONE COMMUNICATOR** > GSM Dual Band module with supplied antenna. > It allows for the transmission of a voice alarm message or an SMS and for remote enquiry through DTMF commands. > The module can be programmed with the function keys of the control unit or via PC	
1061/012	**VOICE SYNTHESIS CARD** > It allows recording the alarm message. > To be combined with PSTN telephone communicator or with GSM module	
1061/014 **NEW**	**IP INTERFACE FOR CONTROL UNITS 1061** The new IP interface allows control units 1061/006A to be managed via the new APP Urmet Secure (integrated management of intrusion alarm and CCTV). The interface is connected on bus, is equipped with dip-switch for the address and is connected to the local network via Wi-Fi or Ethernet cable..	
1061/001	**MANAGEMENT SOFTWARE** Programming and remote assistance software for control units 1061	
1061/003	**USB 2.0 INTERFACE** The USB interface allows connecting a personal computer to control units 1061.	
1061/013	**MODULE FOR AMBIENT LISTENING AND MESSAGE PLAYING** This module allows for ambient listening trough telephone call (only in combination with 1061/002) and local message playing..	

1067+ intrusion alarm system

1067+ system is Urmet's anti-intrusion line that includes **3 control** units expandable up to 128 inputs and up to 16 splittable zones, that can be integrated with **wireless devices** and with devices allowing **smart-home** functions. Ideal for medium-sized systems in residential, tertiary and industrial environments with high safety requirements.

Furthermore, the user can control the system either via the **My 1067+ App** (vertical app with video verification and integrated home automation system) or via the new App URMET SECURE allowing for the management of several intrusion alarm systems at a time, even if they are different from one another, and for video surveillance.

THE APPLICATION ALLOWS YOU TO

> Display the status of the devices in the system
> Manage event push notifications
> Send e-mails with picture attachments
> Create scenarios associating YOKIS smart-home devices
> Consult the image history associated with the intrusion alarm before and after the alarm event has occurred.
> Activate, deactivate and split the system
> Display images after an alarm event has taken place
> Display information on the status of: alarms, zones (open/closed/excluded), tampering, fault, malfunction, activation/deactivation.
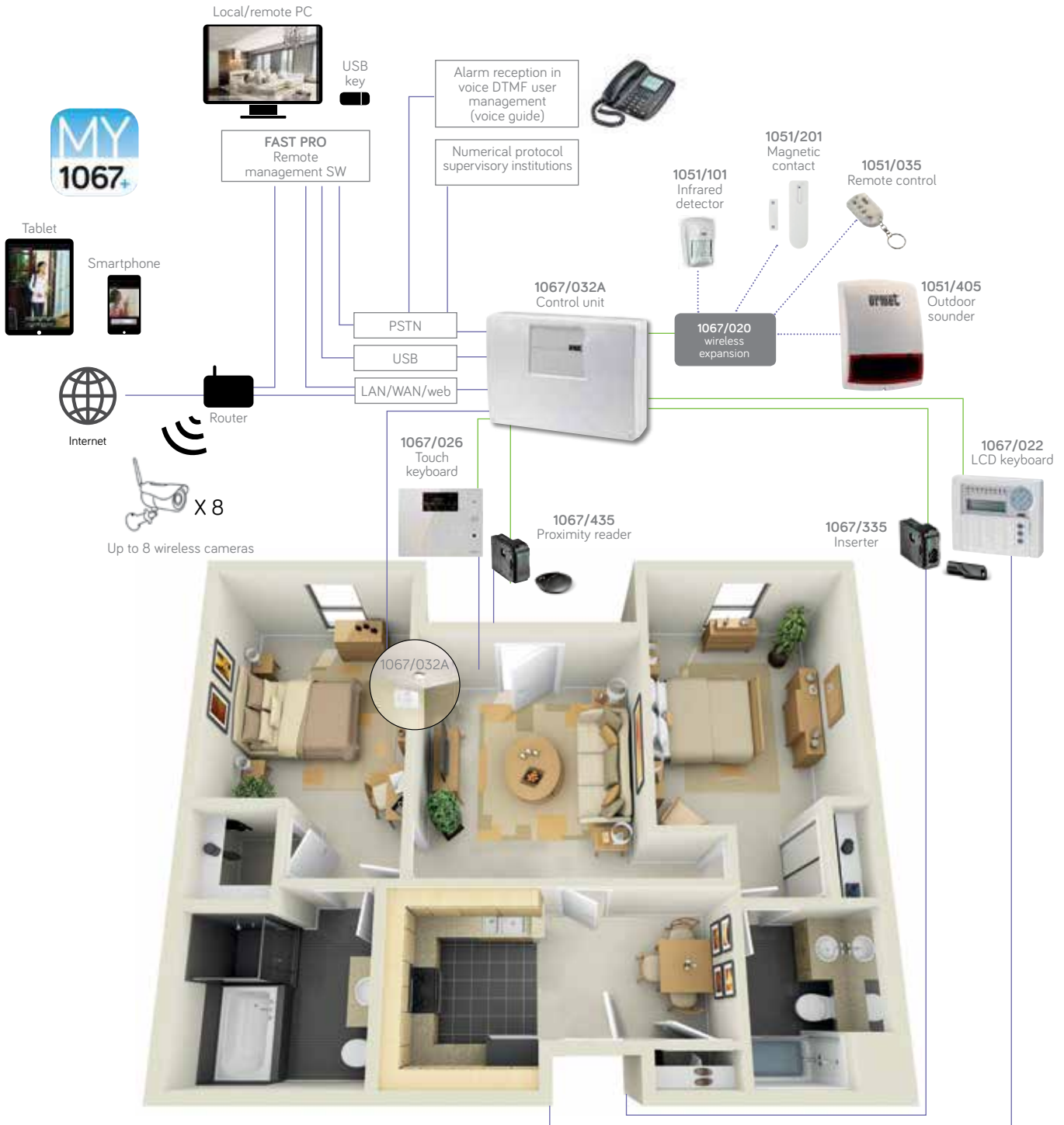
MY1067+
The **free APP** allows **controlling your alarm system** in a simple and user-friendly way via **smartphone or tablet**. It is possible to display the status of the system and activate or deactivate it totally or partially. **Not only intrusion alarm, but also video surveillance and home automation.**

GET IT ON Google Play — Download on the App Store

1067+ application diagram MY1067+ app

Local/remote PC

USB key

Alarm reception in voice DTMF user management (voice guide)

Numerical protocol supervisory institutions

1051/201
Magnetic contact

1051/035
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1051/101
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FAST PRO
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1067/032A
Control unit

1067/020
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1051/405
Outdoor sounder

Internet

Router

X 8

Up to 8 wireless cameras

1067/026
Touch keyboard

1067/435
Proximity reader

1067/032A

1067/022
LCD keyboard

1067/335
Inserter

> Free APP for the user
> Web server
> Integrated smart-home system
> Remote management
> Video verification
> Access control

> Wireless expandability
> Technological functions
> System status enquiry
> Sending remote commands
  (boiler ignition, irrigation, lights, gate)
> EN50131 GR.3 certification

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CONTROL UNITS

1067/024	BUS CONTROL UNIT WITH 4 INPUTS EXPANDABLE UP TO 32. ABS container and 1.5A power supply unit
1067/032A	BUS CONTROL UNIT WITH 8 INPUTS EXPANDABLE UP TO 64. ABS container and 1.5A power supply unit
1067/052A	BUS CONTROL UNIT WITH 8 INPUTS EXPANDABLE UP TO 128. Metal container and 3.4A power supply unit

MAIN FEATURES

	1067/024	1067/032A	1067/052A
> Language:	IT – EN – FR - ES – SL - PL – PT – RO		
> Supply voltage	220 - 24 Vac		
> Max. load supplied	1,5A	1,5A	3,4A
> Battery to be housed	1 pz da 12V@7A	1 pz da 12V@7A	1 pz da 12V@15A
> Container	ABS	ABS	Metallic ABS
> Basic input number	4	8	8
> Max. number of inputs.	32	64	128
> Max. number of zones	4	8	16
> Max. number of sectors	2	4	4
> Inputs can be freely associated with zones	YES		
> Free pairing of zones to sectors	YES		
> Input programming	Anti-intrusion, technological, fire, panic, robbery, tampering, fault, key, pre-alarm		
> Selectable inputs	Instantaneous, delayed, 24h, silent		
> Alarm count for input	YES		
> Installer Code	YES		
> User code	YES		
> Management of max. number of devices on bus	11	31	39
> Management of max. number of access codes	16	32	64
> Event log	1.000		
> Access control function	Integrated		
> Bidirectional 868 MHz radio interface	Optional		
> Optional KNX NO interface	NO	Optional	Optional
> Web server management	Optional		
> Remote management through PC	YES, through SW app		
> Video surveillance function	Optional		
> Optional PSTN telephone dialler	Optional		
> GSM/ GSM telephone dialler	Optional		
> USB interface	Data/configuration saving		
> Configuration	Remote Assistance and change of system parameters		
> Remote monitoring	Sending of alarm signals through numerical protocol		
> Dimensions (W x H x D)	340 x 240 x 80 mm - 13.38 x 9.44 x 3.14 in		

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1067/022	**CONTROL KEYBOARD WITH LCD DISPLAY** > Backlit alphanumerical LCD display > 1 input for connecting detectors > 1 input for ambient listening > Alphanumerical keyboard with 19 backlit keys, 3 of which are used to recall information and 4 to scroll through the menu > LED for summary displays > Tamper function > Logic addressing in programming mode > Power supply: 12Vdc (via bus) > Protection class: IP40 > Dimensions (W x H x D): 140 x 116 x 34 mm - 5.51 x 4.56 x 1.33 in > The keyboard is compatible only with control units 1067/024 - 1067/032A and 1067/052A
1067/026	**SOFT TOUCH KEYBOARD WITH OLED DISPLAY AND PROXIMITY READER** > OLED-technology graphic display with brightness adjustment > Front panel in tempered glass > Backlit capacitive keys > Signalling through graphic icons > Integrated proximity reader for key 1056/032 > 2 integrated programmable auxiliary inputs > Approach sensor > Power supply: 12Vdc (via bus) > Protection class: IP40 > Dimensions (W x H x D): 130 x 160 x 23.5 mm - 5.11 x 6.29 x 0.92 in > The keyboard is compatible only with control units 1067/024 - 1067/032A and 1067/052A
1067/332	**ADDITIONAL KEY KIT** This The Kit includes: > 3 electronic keys to be programmed, suitable for systems 1061 and 1067
1067/335	**ADDITIONAL INSERTER** This module allows activating/deactivating the system through an electronic key. > 4-wire connection on bus > Colour: anthracite > Supplied: 1 Simon Urmet adapter of Nea series
1067/336	**ADDITIONAL INSERTER** Same characteristics as article 1067/335 but in white
1067/435	**ADDITIONAL PROXIMITY READER** This module allows activating/deactivating the system through a proximity key. > 4-wire connection on bus > Colour: anthracite > Supplied: 1 Simon Urmet adapter of Nea series.
1067/436	**ADDITIONAL PROXIMITY READER** Same characteristics as article 1067/435 but in white.
1056/032	**ADDITIONAL PROXIMITY KEY KIT** The kit includes: > 3 proximity keys to be programmed, suitable for systems 1061 and 1067

1067+ intrusion alarm system

ACCESSORIES

1067/008A	**WIRED ADD-ON WITH 8 INPUTS AND 3 OUTPUTS** > Management of 8 inputs > 1 relay output + 2 open collector outputs > 1 tampering input > Fully programmable inputs/outputs (NC/balanced) > Logic addressing in programming mode > Dialogue via bus > Power supply: 12 Vdc (via bus) > Dimensions (W x H x D): 89 x 75 x 14 mm - 3.5 x 2.95 x 0.55 in
1067/018	**CONTAINER FOR INTERFACE 167/008A** > Dimensions (W x H x D): 109 x 92 x 20 mm - 4.29 x 3.62 x 0.78 in
1067/020 NEW	**WIRELESS INTERFACE ON BUS** The new bus interface ref. 1067/020 is a wireless add-on of systems 1067. It can manage a radio two-directional communication at 868 MHz with the radio devices of ZENO family associated with it. Its highest configuration level allows managing up to 16 sensors, 2 sounders, 8 remote controls and 8 keyboards. It is connected to control units 1067 through the 4-wired bus line, allowing the latter to jointly manage wired and radio devices. The devices that can be managed through the interface are the following: > 1051/101 passive infrared detector > 1051/102 passive infrared detector with Pet Immunity > 1051/103 double technology detector > 1051/105 outdoor double infrared detector > 1051/107 indoor blind-effect infrared detector > 1051/108 double technology outdoor blind-effect detector > 1051/201 white magnetic contact > 1051/202 brown magnetic contact > 1051/203 contact for shutters > 1051/405 outdoor sounder > 1051/035 remote control > 1051/025 LED keyboard > Supply voltage: 13.8 Vdc (taken via bus) > Operating voltage: 9 – 15Vdc > Max. current absorption at 12V: 35 mA > Max. connection length on bus: 400 m > 868 MHz radio communication > Radio range: 2 km in free range > MW frequency: 24GHz > Operating temperature: - 5° + 40°C > Anti-opening protection Anti-tamper > Dimensions (W x H x D): 180 x 139 x 45 mm - 7.1 x 5.47 x 1.77 in
1067/002A	**PSTN TELEPHONE COMMUNICATOR** Telephone interface for PSTN line with built-in modem/communicator. Through an encoded digital dialogue, this device allows transmitting information concerning the system's status and alarms to dedicated Surveillance Centres. It allows managing Remote Assistance (remote programming and control of the control unit) when it is connected to a remote station equipped with a PC with relevant application software. When combined to a voice synthesis card, it allows sending voice messages through telephone calls.
1067/012A	**VOICE SYNTHESIS MODULE. LANGUAGES I – F -GB** It allows recording the alarm message. To be combined with PSTN telephone communicator 1067/002A and with GSM telephone communicator 1067/458. Supplied headset kit.

REFERENCES

ACCESSORIES

1067/012B	**VOICE SYNTHESIS MODULE. LANGUAGES D – E - SL** Same performance as reference 1067/012A. Change language.
1067/458	**GSM TELEPHONE COMMUNICATOR** Telephone interface for GSM line with built-in modem/communicator. Through an encoded digital dialogue, this device allows transmitting information concerning the system's status and alarms to dedicated Surveillance Centres. It allows managing Remote Assistance (remote programming and control of the control unit) when it is connected to a remote station equipped with a PC with relevant application software. When combined to a voice synthesis card, it allows sending voice messages through telephone calls.
1067/004	**WEB SERVER INTERFACE** Web server interface allows managing system 1067 remotely or locally, on mobile devices or PC, via browser. It can manage the following functions: > Intrusion alarm mode: system status view, ON/OFF activation and system splitting, log display, ON/OFF exclusion of inputs, data and time settings, time programmer enabling ON/OFF, enabling/disabling of keys, modification of telephone numbers and SMS with event association, system check (diagnostics of control unit's essential parts) > Smart-home mode: only with the switching of the control unit's outputs that can be switched remotely > Video mode: visualisation of up to 8 cameras, e-mail sending with picture attachments, display of "event log" frames associated with intrusion alarms > The interface is compatible only with control units 1067/024 - 1067/032A and 1067/052A
1067/003	**USB INTERFACE** USB interface allows connecting a PC to control units 1067 for programming and/or a USB key to save and move the system's configuration
1067/001	**FAST - PRO MANAGEMENT SOFTWARE** Programming and remote assistance software for control units 1067
1067/007	**LAN INTERFACE** Interface pre-set for connection to a LAN network or to an ADSL modem. Communication vector for remote management through sw application 1067/001
1067/092	**ADDITIONAL POWER UNIT WITH BUS SIGNAL REPEATER AND EXPANSION CARD** Additional power unit with bus signal repeater and expansion card. The additional power unit is an optional device of control unit 1067/052A. It is equipped with an electronic card that includes a 1067/ 008A add-on directly connected to the control unit BUS, a Repeater module for expanding and isolating the range of the control unit BUS and an additional power unit for powering the devices connected to the system. The additional power unit can also be used as additional power unit for control units 1067/024 and 1067/032A. > 8 programmable inputs > 3 programmable outputs > 2 outputs for auxiliary power units > 1 power unit output for self-powered devices > Connectors for battery and power unit > Button and LEDs for acquisition > Metal container > Allocable battery: 12Vdc 17Ah > Switching power unit: 3.4 A > Dimensions (W x H x D): 490 x 350 x 145 mm - 19.29 x 13.77 x 5.7 in
1067/014	**GSM ANTENNA WITH 5 M CABLE** It is suitable for control units 1067/024 and 1067/032A
1067/015	**GSM ANTENNA WITH CABLE AND PIGTAIL CONNECTOR** It is suitable for control units 1067/052A

1067+ intrusion alarm system

ACCESSORIES

1067/011 NEW

IP INTERFACE FOR CONTROL UNITS 1067
The new IP interface allows control units 1067/024 and 1067/032A to be managed via the new APP URMET SECURE (integrated management of intrusion alarm and CCTV). The interface is connected on bus, is equipped with dip-switch for the address and is connected to the local network via Wi-Fi or Ethernet cable. The following functions can be exported from the alarm control unit through the IP interface and then managed through the APP Urmet Secure:
> Total and/or partial activation of the alarm system through password
> Excluding/restoring one or more zones (sections)
> Excluding/restoring one or more individual lines
> Displaying control unit's information, such as: inputs excluded, presence of alarms, presence of faults/malfunctions or tampering, presence of open inputs, system status (reset/not reset/partially reset)
> "Follow me" function: When the "Follow me" function is enabled, the system can detect when the user moves closer to/away from the house thanks to the smartphone's geolocation system.
> Thanks to the notification system, the user will receive the request for the activation/deactivation of the intrusion alarm system through the App.
> Excluding/restoring one or more inputs
> Display the event log
> Voluntary activation of an input set as controllable
> Customised names of controllable inputs

The new **APP URMET SECURE** allows you **to control your alarm system** in a simple and user-friendly way via **smartphone or tablet.**

The APP's main functions are the following ones:
• Acquisition of the devices on the network, automatically or via QR code
• Association of CCTV devices with alarm system zones
• Activation / deactivation and splitting of the system
• Display of LIVE images after an alarm event
• Management of event push notifications
• Geolocation scenarios
• Automatic login
• Display of status, alarm and tampering events

1067 application diagram
Urmet Secure App
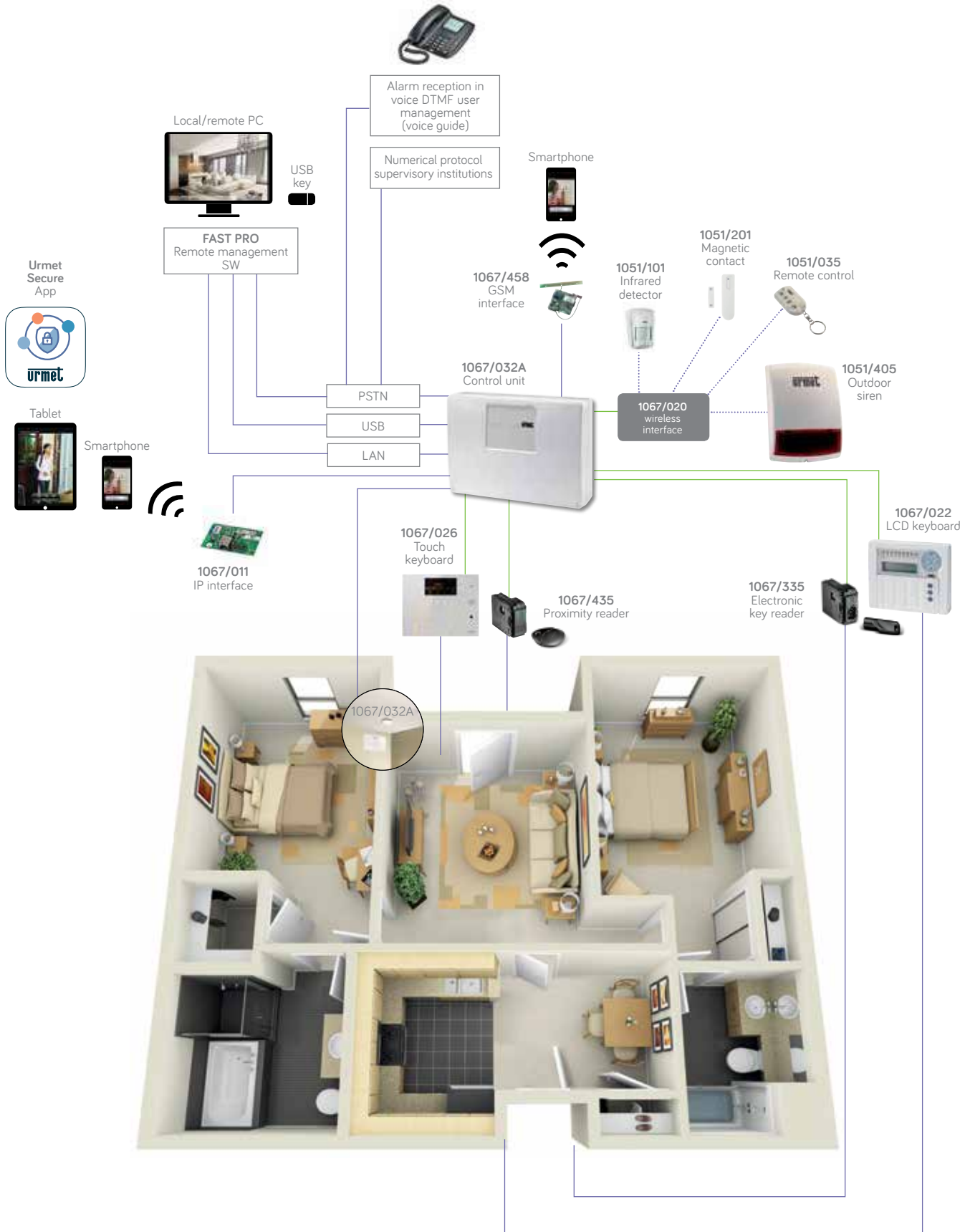
Alarm reception in voice DTMF user management (voice guide)

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USB key

Numerical protocol supervisory institutions

Smartphone

Urmet Secure App

FAST PRO
Remote management SW

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Indoor volumetric detectors

Volumetric detectors with **different technology** and performance: passive infrared, double technology, Antimasking and Pet Immunity. They are preset **to avoid** **false alarms.** Ideal for residential and tertiary environments, they can adapt to different security needs.

PASSIVE INFRARED

1033/012	**PASSIVE INFRARED DETECTOR** Indoor infrared passive volumetric detector. This product is distinguished by its compact dimensions and exclusive design. It is suitable for all residential applications. Its operating principle is always based on the variation of human body's heat. > Power supply: 12V +/- 3V > Max. absorption: 17 mA > Two levels of sensitivity/range, preset and selectable (H/L) > Max range 15 m > Opening angle 90° > 18-beam Fresnel lens on 4 layers + low proximity beam > Wall or corner mounting > Ball joint for wall or ceiling mounting (optional item no. 1033/119) > Dimensions (W x H x D): 60 x 60 x 45 mm - 2.36 x 2.36 x 1.77 in
1033/013	**PASSIVE INFRARED DETECTOR WITH PET IMMUNITY FUNCTION** Pet immunity detector is suitable for all residential applications where there is the need to differentiate a pet weighing up to 20 Kg > Max. settable range: 12 m > Two settable thresholds for Pet Immunity function: 12 kg or 20 kg > Opening angle: 90° > Wall or corner mounting > Rated power supply voltage: 12V +/- 3V > Absorption at 12 V: max. 17 mA > Alarm relay: 100mA / 24V > Tampering relay: 100 mA / 30V > Weight: 65 g > Ball joint for wall or ceiling mounting (optional item no. 1033/119) > Dimensions (W x H x D): 60 x 60 x 45 mm - 2.36 x 2.36 x 1.77 in

DOUBLE TECHNOLOGY

1033/119	**JOINT FOR INDOOR VOLUMETRIC DETECTORS** It is suitable for infrared sensors mod. 1033/012 and 1033/013 and for double technology sensors mod. 1033/130 - 1033/132 and 1033/133.
1033/125	**CEILING PASSIVE INFRARED DETECTOR** Suitable for all applications in small tertiary buildings (offices, shops, etc.). Ideal for installation in false-ceiling panels. > Power supply: 9 - 15 Vdc > Max. absorption: 20 mA > Height recommended for installation: from 2.2 m to 5 m > Alarm relay: NC 100 mA@24V > Tampering device: YES > Weight: 90 g > Dimensions (Ø x D): 120 x 32 mm - 4.72 x 1.25 in
1033/127 NEW	**DOUBLE TECHNOLOGY COMPACT BLIND-EFFECT DETECTOR** Suitable for all application in tertiary and residential small buildings (offices, shops, apartments, houses, etc.) > It combines the IR and microwave technologies (10,525 Ghz) > Range: 6 m > Temperature balancing > Settable display LED > Dimensions (W x H x D): 32 x 87 x 28 mm - 1.25 x 3.42 x 1.1 in

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DOUBLE TECHNOLOGY

1033/126 NEW

CEILING DOUBLE TECHNOLOGY DETECTOR
Suitable for all applications in small tertiary buildings (offices, shops, etc.). Ideal
for installation in false-ceiling panels.
> It combines the IR and microwave technologies (10,525Ghz)
> ECO function: automatic microwave switch-off system (with system disabled)
> Anti-masking of IR section and MW section
> Temperature balancing
> Settable display LED
> Max. height 3 m
> Max range: 3 x 6 m
> Dimensions (Ø x D): 150 x 45 mm - 5.9 x 1.77 in

1033/130

DOUBLE TECHNOLOGY DETECTOR WITH PET IMMUNITY FUNCTION
The detector 1033/130 is suitable for all residential applications where there is the
need to differentiate a pet weighing up to 20 Kg.

1033/132

STANDARD DOUBLE TECHNOLOGY DETECTOR
The use of 2 different technologies (infrared and microwave) allows a high
immunity to false alarms under risk conditions, without compromising protection
function reliability.

1033/133

ANTI-MASKING DOUBLE TECHNOLOGY DETECTOR
The Anti-masking function makes it more difficult to knock out the system.
If a thief identifies the sensor, he/she may try to cover the lens using varnish,
tape, paint, paper, etc. But the anti-masking function immediately detects the
malfunction of the sensor and, after acknowledging that it stopped working, issues
a special alarm signal.

MAIN FEATURES

	1033/130	1033/132	1033/133
> Power supply	12V + - 3V		
> Max. absorption at 12V	22 mA	22 mA	34 mA
> Max. range	15 m		
> Microwave (MW) sensitivity	Adjustable through trimmer		
> Antimasking function	NO	NO	YES (enabled through dip switch)
> Pet Immunity function	Two threshold settable to 12 or 20 kg	NO	NO
> Frequency	10,525 GHz		
> Power emitted	8 dBm		
> Microwave (MW) coverage	90° horizontal - 36° vertical		
> Infrared (IR) coverage)	90°		
> Sensitive area	18 out of 4 surfaces with creep zone		
> Alarm relay	100mA/24V		
> Tamper	100mA/30V		
> Masking relay	NO	NO	100mA/24V
> Environmental humidity	-10°C + - 55°C		
> Weight	110 g		
> Dimensions (W x H x D):	61.5 x 107 x 43.5 mm - 2.42 x 4.21 x 1.71 in		
> Performance level	(EN50131-2-4.) Grado 2, Classe II		

Outdoor volumetric detectors

Volumetric detectors with **different technology**: passive infrared, Pet Immunity, double technology, Antimasking, **blind-effect**. They are preset **to avoid false alarms.** Ideal for residential and tertiary environments to protect the building from outside, they can adapt to different security needs.

OUTDOOR DETECTORS

1033/016	**DOUBLE TECHNOLOGY OUTDOOR BLIND-EFFECT DETECTOR** Suitable for perimeter protection of your house. We recommend installation with the proper accessories 1033/018 and 1033/019. > Power supply: 12 Vdc > Range: 8 m > MW & PIR double technology > Absorption: 20 mA > Micro-wave: 24 GHz > Infrared lens anti-masking > Crossing function > AND operation > Temperature balancing > Response time: 3 sec. > Operating temperature: -10 ° + 55°C > Tampering: 100 mA@30V > Protection class: IP61 > Dimensions (W x H x D): 44 x 110 x 46 mm - 1.73 x 4.33 x 1.81 in > EN50131-2-4 certified
1033/018	**90° BRACKET FOR DETECTOR 1033/016** Rigid bracket for assembly from both sides (LH or RH)
1033/019	**JOINT FOR DETECTOR 1033/016** It allows corner and ceiling installation and the orientation adjustment option.

REFERENCES

OUTDOOR DETECTORS

1033/146 NEW

ANTI-MASKING DOUBLE TECHNOLOGY OUTDOOR DETECTOR WITH PET IMMUNITY FUNCTION

The detector is suitable for outdoor installation and is equipped with Anti-masking and Pet immunity function. It has a range of 10 m and its detection logic is based on the advanced analysis of the activation sequence of the micro-wave movement sensor and of the two independent infrared sensors that compose it. The three sensors have to be activated at the same time within a determined time window in order to issue an alarm. Using this type of working logic enhances the detector's immunity to environmental disturbances.

> Dual-frame IR and micro-wave MW 10.525GHz
> Power supply: 12Vcc
> Max. consumption: 20 mA
> Anti-masking
> Pet immunity
> Range: 15 m
> Polycarbonate casing
> Tampering alarm
> Temperature digital compensation
> Protection class: IP65
> Dimensions (W x H x D): 70 x 165 x 55 mm - 2.75 x 6.49 x 2.16 in
> EN50131 class 2 certification
> Optional joint

1033/149

OUTDOOR DOUBLE ELEMENT PYROELECTRIC INFRARED DETECTOR

Suitable for perimeter protection of your house. Double asymmetric cover of 12 m each side.

> Power supply: 10-28 Vdc
> Range: 24 m (12 m each side)
> Absorption: 28 mA
> Detection zones: 4 (2 zones per side)
> Relay output: Yes
> Acoustic output: 70 dB at 1 m
> Test mode: ON/OFF
> Protection class: IP55
> Dimensions (W x H x D): 55 x 23 x 69 mm - 2.16 x 0.9 x 2.71 in

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Outdoor perimeter barriers

Perimeter barriers consist of an infrared modulated light **transmitter** and a receiver: when the infrared ray **emitted** by the transmitter is interrupted, an alarm is issued. Synchronised barriers are used for installation with more than 2 active infrared beams.

Ideal for protecting skylights, terraces, courtyards, perimeter fences, buildings' outer perimeters.

MULTIPLEXED BARRIERS

Active infrared barriers with several internal synchronised beams. Suitable for the protection of several doors, windows or skylights.

1033/282	MULTIPLEXED BARRIERS WITH 2 BEAMS. HEIGHT 0.5 M. IMQA
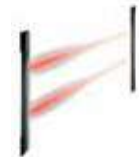
1033/283	MULTIPLEXED BARRIERS WITH 4 BEAMS. HEIGHT 1 M. IMQA
1033/284	MULTIPLEXED BARRIERS WITH 6 BEAMS. HEIGHT 1.5 M. IMQA
1033/285	MULTIPLEXED BARRIERS WITH 8 BEAMS. HEIGHT 2 M. IMQA

MAIN FEATURES

	1033/282	1033/283	1033/284	1033/285
> Power supply	12 Vcc			
> Internal range (m)	20			
> External range (m)	10			
> Tx absorption in alarm	47 mA	73 mA	99 mA	127 mA
> Rx absorption in alarm	18 mA	24 mA	30 mA	36 mA
> Coverage	2 beams	4 beams	6 beams	8 beams
> Alarm relay output	100 mA@24Vcc			
> Tamper output	50 mA@12Vcc			
> Operating temperature	-25°C + 55°C			
> Weight (g)	250	500	750	1.000
> Dimensions (W x H x D)	25 x 540 x 23 mm 0.98 x 21.25 x 0.9 in	25 x 1.030 x 23 mm 0.98 x 40.55 x 0.9 in	25 x 1.520 x 23 mm 0.98 x 59.84 x 0.9 in	25 x 2.020 x 23 mm 0.98 x 79.52 x 0.9 in

REFERENZE

ACTIVE INFRARED

Suitable for outdoor protections, it is installed in die-cast aluminium columns or in places protected from bad weather.

1033/392	SYNCHRONISED ACTIVE DOUBLE BEAM INFRARED, 60 M RANGE

1033/393	SYNCHRONISED ACTIVE DOUBLE BEAM INFRARED, 120 M RANGE

MAIN FEATURES

	1033/392	1033/393
> Power supply	10–30 Vcc	10–30 Vcc
> Range (m)	60 m	120 m
> Absorption	90 mA (pair)	90 mA (pair)
> Detection system	Modulated infrared beams	Modulated infrared beams
> Alarm relay output	NC contact	NC contact
> Tamper output	NC contact	NC contact
> Fog disqualification	YES with open collector output	YES with open collector output
> Operating temperature	-25°(with heater) +65°C	-25°(with heater) +65°C
> Protection class	IP65	IP65
> Dimensions (W x H x D)	80 x 180 x 75 mm 3.14 x 7.1 x 2.95 in	80 x 180 x 75 mm 3.14 x 7.1 x 2.95 in

COLUMNS AND ACCESSORIES

Columns for infrared perimeter barriers are made of a black anodized aluminium profile and a polycarbonate casing. Using the dedicated accessories, they can be installed on the wall or on the floor. Columns are compatible with barrier models 1033/392 and 1033/393.

1033/290	**ALUMINIUM COLUMN KIT H=1.5 M** The column kit includes: > 1 anodized aluminium, 1 polycarbonate, 2 covers, 1 upper tampering device, 1 mounting kit, 1 thermostat, 1 resistor and one anti-intrusion module.

1033/291	**ALUMINIUM COLUMN KIT H=2 M** The column kit includes: > 1 anodized aluminium, 1 polycarbonate, 2 covers, 1 upper tampering device, 1 mounting kit, 1 thermostat, 1 resistor and one anti-intrusion module.

1033/295	BASE TO BE CEMENTED. PACKAGE OF 2 PCS
1033/296	FLOOR MOUNTING BRACKET. PACKAGE OF 2 PCS
1033/297	WALL MOUNTING BRACKET. PACKAGE OF 2 PCS
1033/298	MICRO-CONTACT (TAMPERING DEVICE) FOR LOWER PLUG
1033/299	HEATING RESISTOR

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Outdoor micro-wave barriers

Used for **indoor and outdoor environmental protection**, the barrier consists of 2 transmitting and receiving units (TX/RX). Each receiver is equipped with a **selective filter** that can select only the frequency of its own channel and discard the others. The transmitter and the receiver can be tuned to the **same frequency** through the

dip switches that allow encoding 5 different channels. This **prevents interferences** when several pairs of barriers are installed simultaneously. The tropicalized resin finishing ensures a **high resistance** to bad weather.

MICRO-WAVE BARRIERS

1033/390	**OUTDOOR MICRO-WAVE BARRIER, 60 M RANGE** > Rated power supply voltage: 12 Vdc > Min./max. operating voltage: 11.5 ÷ 15 Vdc > Absorption at rest: TX 31mA / RX 70 mA > Alarm absorption: TX 31mA / RX 70 mA > Transmission frequency: 10.525 GHz (+/- 20 MHz) > Alarm relay block: signal on dedicated input > Alarm relay: NC 500 mA 12 Vdc > Disabling signalling: electric output > Modulation: 5 selectable channels > Anti-tampering protection: anti-opening micro-switch > Operating temperature (optional heating kit): -20°C + - 55°C > Housing protection rating: IP34 > Dimensions (W x H x D): 176 x 230 x 133 mm - 6.92 x 9 x 5.23 in
1033/391	**OUTDOOR MICRO-WAVE BARRIER, 120 M RANGE** Same characteristics as article 1033/390 but with 120 m range.
1033/395	**GALVANISED POLE FOR FLOOR INSTALLATIONS** > Length: 120 cm - 47.27 in
1033/396	**GALVANISED POLE FOR UNDERGROUND INSTALLATIONSE** > Length: 130 cm - 51.18 in
1033/397	**WALL MOUNTING BRACKET** > Length: 58 cm - 22.83 in
1033/398	**THERMOSTATTING KIT** > (thermostat + resistor)

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Perimeter detectors

Devices that trigger an alarm when an event occurs on windows' glasses or shutters (breakage, opening, impact). They are available in different modules: **Magnetic contacts,** based on magnetic induction.
Electromechanical contacts, made of a single element (button or micro-switch) that, through the mechanical

activation of a contact, signal the alarm status.
Piezoceramic sensors, made of a piezoceramic plate that, subjected to vibration, autonomously generates electric pulses.

MAGNETIC CONTACTS

1033/701	IMQA MAGNETIC CONTACT > White thermoplastic material > Surface mounting > 2 alarm wires > 2 anti-tampering wires > Suitable for wooden doors > Dimensions (W x H x D): 40 x 13 x 7.5 mm - 1.57 x 0.51 x 0.29 in	
1033/702	MAGNETIC CONTACT WITH TERMINALS > White thermoplastic material > Surface mounting > Possibility of 2 internal connections > Suitable for wooden doors > Dimensions (W x H x D): 40 x 13 x 17 mm - 1.57 x 0.51 x 0.66 in	
1033/703	BRASS MAGNETIC CONTACT FOR RECESSED INSTALLATION. IMQA > Machined brass material > Recessed installation > 2 alarm wires > 2 anti-tampering wires > Suitable for wooden doors > Mounting hole: Ø 8 mm - 0.31 in > Length: 33 mm - 1.29 in	
1033/704	MAGNETIC CONTACT FOR RECESSED INSTALLATION FOR ARMOURED DOORS > White thermoplastic material with nickel plated phosphor-bronze springs > Recessed installation > 4 wires of which two are for anti-intrusion > Suitable for armoured doors > Mounting hole: Ø 20 mm - 0.78 in > Length: 18 mm - 0.70 in	
1033/705	MAGNETIC CONTACT FOR SWINGING DOORS. IMQA > Polished die-cast aluminium material (resistant to the passage of heavy duty trucks' wheels) > Cable with 4 wires of which 2 protect the protective sheath from tampering > 1 m long output cable in rubber coated steel > Contact dimensions (W x H x D): 30 x 42 x 15 mm - 1.18 x 1.65 x 0.59 in > Magnet dimensions (W x H x D): 98 x 30 x 25 mm - 3.85 x 1.18 x 0.98 in	
1033/706	MAGNETIC POWER CONTACT FOR IRON FRAMES > Polished die-cast aluminium material > Surface mounting > 2 alarm wires > 2 anti-tampering wires > Anti-loosening plug > Rubber cable gland > Dimensions (W x H x D): 80 x 18 x 18 mm - 3.14 x 0.7 x 0.7 in	
1033/716	MAGNETIC ULTRA-FLAT CONTACT FOR FRAMES > White thermoplastic material > Surface mounting > 2 alarm wires > Dimensions (W x H x D): 60 x 15 x 5 mm - 2.36 x 0.59 x 0.19 in	

Perimeter detectors

MAGNETIC CONTACTS

1033/801

RIPLE BALANCING MAGNETIC CONTACT. IMQA
> Die-cast aluminium material
> Suitable for frames of any material
> Protection against casing opening
> Surface mounting
> Operating temperature range: -25°+70°C
> Protection class: IP65
> Dimensions (W x H x D): 125 x 38 x 28 mm - 4.92 x 1.49 x 1.1 in

1033/802

DOUBLE BALANCING MAGNETIC CONTACT. IMQA
> Die-cast aluminium material
> Suitable for frames of any material
> Clamp connection
> Surface mounting
> Operating temperature range: -25°+70°C
> Protection class: IP65
> Dimensions (W x H x D): 125 x 38 x 28 mm - 4.92 x 1.49 x 1.1 in

1033/803

TRIPLE BALANCING MAGNETIC CONTACT. IMQA
> Die-cast aluminium material
> Suitable for frames of any material
> Protection against casing opening and tearing
> Clamp connection
> Surface mounting
> Operating temperature range: -25°+70°C
> Protection class: IP65
> Dimensions (W x H x D): 125 x 38 x 28 mm - 4.92 x 1.49 x 1.1 in

LIQUID PRESENCE DETECTORS

1033/255 `NEW`

LIQUID PRESENCE DETECTORS
Electronic (non-flammable) liquid presence detector. The detection of water presence is carried out by means of 4 gold-plated support feet, which cause detector's alarm condition by making a relay switch inside it.
> Container's material: white thermoplastic
> Operating voltage: from 12 to -27 Vdc
> Average absorption: 3.5 A at 27 Vdc
> Operating temperature: from +5 to +50 °C
> Dimensions (W x H x D): 64 x 96 x 30 mm - 2.51 x 3.77 x 1.18 in

1033/256 `NEW`

PROBE FOR LIQUID PRESENCE DETECTOR
External probe that can be connected to sensor 1033/255. Max. 10 probes per detector.

ROLLING SHUTTER CONTACTS

1033/207

ROLLING SHUTTER WIRED CONTACT
It detects when rollers shutters are lifted, torn or cut. It is installed inside the shutter box. The shutter box can be stopped at any point. For control units that do not manage fast inputs, it must be used in combinations with the analysis card 1033/209.
> Beige thermoplastic material
> Connection: 2 10-cm wires
> Sec. 0.35 sq.mm

REFERENCES

ROLLING SHUTTER CONTACTS

1033/209

ANALYSIS CARD FOR 1033/207
> It allows setting the number of pulses before the alarm triggering
> Max. 6 contacts 1033/207 per card
> Power supply: 10 ÷ 15 Vdc
> Maximum absorption at rest: 22 mA@12 Vdc
> Maximum absorption in alarm: 7 mA@12 Vdc
> Sensitivity adjustment: through trimmer
> Alarm pulse duration: 1.5 s ± 0.5
> Fail-safe exchange relay NC and NO contact
> Max. applicable voltage: 24 Vdc
> Max. applicable current: 1 A with resistive load

INERTIAL CONTACTS

1033/351

SEISMIC DETECTOR
Device with internal analysis card, suitable for protecting any frame.
> Power supply: 12 Vdc
> Anti-tampering protection
> Sensitivity adjustment
> Consumption: 15 mA
> Alarm memory LED
> Screw terminals
> Dimensions (W x H x D): 80 x 25 x 21 mm - 3.14 x 0.98 x 0.82 in

1033/352

GLASS-BREAK DETECTOR
The device allows detecting the breakage of glass.
> Coverage range: 2 m
> Surface mounting
> Supplied bi-adhesive pad
> Protection class: IP67
> Dimensions (W x H x D): 37 x 19 x 12 mm - 1.45 x 0.74 x 0.47 in

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Actuators and accessories

The range of Urmet actuators offers a **series of self-powered** sounders, protected and highly resistant, as well as **sequence switches**, suitable for all systems that can send pre-recorded messages over any telephone line, including GSM.

SOUNDERS

1033/414	**OUTDOOR SELF-POWERED SOUNDER WITH FLASHER** The new self-powered sounder is suitable for outdoor use and equipped with flasher and double protection against opening and removal from the wall. It is suitable also to be used as a signalling device on scaffoldings. > Operating voltage (min. – max.) 9 ÷ 15 Vdc > Absorption at rest: 7 mA > Max. absorption in alarm: 1600 mA average > Sound pressure: 107 dB (A) @ 1 m > Scaffolding function > Alarm count programming > Sound time programming > Input stopping voltage (NC to positive) > Low battery threshold: 11.5 Vdc > Sounder tamper contact: 1A at 24V > Operating temperature: -25 °C ÷ +70°C > Housing protection rating: IP44 > Material: Self-extinguishing PC-ABS > Allocable battery: 12V – from 1.9 to 2.2 Ah > Dimensions (W x H x D): 203 x 253 x 87 mm - 7.99 x 9.96 x 3.42 in > Ensured performance level (EN50131-4): Class 2
1033/417	**PROTECTIVE GRILLE FOR SOUNDER 1033/414** The grille is an optional protective element for sounder 1033/414. It is made of 8/10 galvanized sheet metal..
1033/409	**PROTECTIVE MODULE FOR SOUNDER 1033/414** The additional protection module is managed by a microprocessor that can detect attempts at tampering with foam and thermal attacks. > Protection module absorption: 5 mA

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SOUNDERS

1033/426

ADDITIONAL INDOOR SOUNDER
> Rated power supply voltage: 12 or 24 V-
> Operating voltage: 10.5 ÷ 30 V-
> Max. absorption in alarm: 260 mA
> Frequency (dual tone): 3500 - 3700 Hz
> Sound pressure: 110 dB(A)@1m
> Sound pressure in alarm: 110 dB(A)@1m
> Anti-opening micro-switch: 1A@24V
> Operating temperature: -10°C ÷ + 55°C
> Housing protection rating: IP41
> Dimensions (W x H x D): 145 x 100 x 42 mm - 5.7 x 3.93 x 1.65 in

1033/428

ADDITIONAL INDOOR SELF-POWERED SOUNDER
Same characteristics as sounder 1033/426 but with presetting for back-up 9V alkaline or rechargeable Ni-Mh battery

SEQUENCE SWITCHES

1033/462A

4-CHANNEL GSM SEQUENCE SWITCH (IT LANGUAGE)
The sequence switch manages 4 alarm inputs and 2 outputs, constantly monitors and shows, through the LCD display, the status of inputs and outputs, the battery voltage, the field signal strength and manages a periodic test to check live presence
> Supply voltage: 13.8V
> Minimum operating voltage: 10.5V
> Absorption at rest at 13.8V: 140mA
> Absorption during telephone cycle at 13.8V: 270mA
> Operating temperature: +5°C + 45°C
> Voice synthesis phone transmission: 120 seconds per 12 messages
> Installer Code: 1
> User Code / Surveillance code: 1
> Output activation code: 2
> SMS messages: transmission and reception
> Telephone numbers: 16 of 24 characters
> Test telephone number: 1 of 24 characters
> Provider telephone number: 1 of 24 characters
> Inputs delayable from 0 to 60 sec. and from 0 to 90 min: 4
> Control input (lock): 1
> Controllable outputs: 2
> Event log 99 events
> Display: LCD 16x2
> Keyboard: 18 Keys
> Dimensions (W x H x D): 131 x 121 x 31 mm - 5.15 x 4.76 x 1.22 in

BATTERIES

1033/600

12V 1.9A BATTERY
Lead-acid rechargeable back-up battery. Load voltage: 13.8 Vdc
Suitable for outdoor sounder 1033/414

1033/601

12V 7A BATTERY
Lead-acid rechargeable back-up battery. Load voltage: 13.8 Vdc
Suitable for control units in plastic container 1061/006A- 1067/024 – 1067/032A

1033/602

12V 15A BATTERY
Lead-acid rechargeable back-up battery. Load voltage: 13.8 Vdc
Suitable for control units and power units in metal container. 1067/052A-1067/092

SPARE POWER UNIT

1061/515

SPARE POWER UNIT FOR CONTROL UNITS 1061 AND 1067
12Vcc@1.5A spare power unit for power units present in control units 1061/006A, 1067/024 and 1067/032A

Wireless
intrusion alarms

Wireless security: two-directional and integrated

Wireless intrusion detection systems are the ideal solution for installations in environments where it's not necessary to restructure or undertake masonry works

Urmet's wireless alarm system is equipped with two-directional technology to **guarantee security** as reliable as a wire plant.

Zeno

Security at your fingertips

1059 system

Efficient and flexible solution

App

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ZENO 1051 wireless system

Zeno alarm system features advanced technology, refined design and minimal dimensions. Zeno is two-directional: peripheral devices constantly dialogue with the control unit to confirm the accuracy of transmitted data.
It allows a flexible use with 3 splittable zones, 50 freely associable radio devices, 20 settable users (through codes and remote controls). It is therefore suitable for residential environments of small and medium size and for small business activities. It is recommended for installations where renovation works are not desired. A plus for the user: remote management with the App My Zeno and video verification of images of the alarm event.

THE APPLICATION ALLOWS YOU TO

> Activate, deactivate and split the system
> Display the status of the devices in the system
> Display the images of an alarm event or on request
> Exclude and/or restore single devices
> Display the event log
> Change passwords
> Change users' codes

MYZENO
The **new free APP** allows controlling your alarm system in a simple and user-friendly way via **smartphone or tablet.** It is possible to display the status of the system and activate or deactivate it totally or partially. **Not only intrusion alarm, but also video surveillance.**

GET IT ON Google Play   Download on the App Store

ZENO 1051 application diagram

1051/035
Remote control

1051/405
Outdoor
sounder

1051/019
Control unit

1051/105
Outdoor
detector

1051/201
Magnetic
contact

1051/104
Infrared detector
with camera

1051/203
Shutters
magnetic
contact

1051/201
Magnetic
contact

1051/101
Infrared
detector

> EN50131 certification
> Double two-directional communication:
  RF 868 MHZ and ZIGBEE 2.4 GHZ
> Built-in 3G communicator

> Supervision
> Free management APP
> Video verification

ZENO 1051 wireless system

CONTROL UNITS

1051/019

CONTROL UNIT WITH DISPLAY AND BUILT-IN 3G COMMUNICATOR
> Language: Italian
> Two-directional radio frequency communication with all devices, ZigBee HA 1.2 - 868 MHz narrow brand connections
> Power supply: 230Vca
> Range: 2 km in free range (without reflections and attenuations)
> Internal rechargeable backup battery: 6V Ni-Mh, 1100 mAH
> Backup battery duration: 15 hours average
> Radio frequency connection for up to 50 devices
> Connection of up to 6 IR detectors with camera for alarm check
> Management of 3 splitting + total areas
> Maximum 20 configurable users (codes and remote controls)
> Maximum of 10 configurable activation/deactivation/splitting codes
> Ability to save up to 200 events
> Recording of 3 or 6 photos upon each alarm event
> Activations/deactivations through remote controls, keyboards, smartphones, tablets
> Sending of alarms/images, e-mails, text messages, push notifications, CID and SIA protocols
> Remote control through (iOS and Android) APP
> Wireless and 3G signal measurement
> Supervision of all devices except for remote control and keyboard
> Detection of radio frequency interferences (Anti-jamming)
> Built-in sounder
> Noise level of internal sounder: 95dB @ 1m
> Operating temperature: from -10° to +45°C
> Weight: 600 g
> Dimensions (W x H x D): 260 x 176 x 30 mm - 10.23 x 6.92 x 1.18 in
> Compliant with EN 50131 certifications. Grade 2, Class II

1051/016 NEW

CONTROL UNIT WITH DISPLAY AND BUILT-IN 3G COMMUNICATOR
Same specification as Ref. 1051/019 but in German language.
Power supply 230Vca

1051/017 NEW

CONTROL UNIT WITH DISPLAY AND BUILT-IN 3G COMMUNICATOR.
Same specification as Ref. 1051/019 but in English language.
Power supply 230Vca

1051/018 NEW

CONTROL UNIT WITH DISPLAY AND BUILT-IN 3G COMMUNICATOR.
Same specification as Ref. 1051/019 but in French language.
Power supply 230Vca

1051/901

WIRELESS KIT WITH BUILT-IN 3G COMMUNICATOR
The kit includes:
> n. 1 - 1051/019 management control unit. Italian language
> n. 1 - 1051/201 magnetic contact
> n. 1 - 1051/101 passive infrared detector
> n. 1 - 1051/035 remote control

1051/906 NEW

WIRELESS KIT WITH BUILT-IN 3G COMMUNICATOR
Same composition as Ref. 1051/901 but in German language.

1051/907 NEW

WIRELESS KIT WITH BUILT-IN 3G COMMUNICATOR
Same composition as Ref. 1051/901 but in English language.

1051/908 NEW

WIRELESS KIT WITH BUILT-IN 3G COMMUNICATOR
Same composition as Ref. 1051/901 but in French language.

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CONTROL AND SIGNALLING DEVICES

1051/003 NEW

SYSTEM STATUS SIGNALLING LED
> The device allows displaying the system status (whether it is enabled or disabled) and the alarm memory.
> State display by LEDs
 1. Off: the system is deactivated.
 2. One green flash every 4 seconds: indicates the total or partial activation status.
 3. One red flash every 3 seconds: indicates the current or saved alarm. The signal disappears when the system is deactivated.
> Supervision
> Lithium batteries CR123A 3V supplied
> Duration: 2 years
> Dimensions (W x H x D): 73.9 x 45.8 x 22 mm - 2.9 x 18 x 0.86 in

1051/035

4-KEY REMOTE CONTROL
> Radio communication mode: two-directional
> Frequencies: 868WF
> Total and partial programmable ON/OFF activation control devices
> Panic alarm
> System status report LED
> Control receiving feedback LED
> Power supply: 1 lithium battery CR2032 3V
> Battery duration: 3 years (typical value, may vary depending on specific use)
> Operating temperature: -10°C + 45°C
> Weight: 60 g
> Dimensions (W x H x D): 50 x 33 x 14.5 mm - 1.96 x 1.29 x 5.7 in
> Compliant with EN 50131 certifications. Grade 2, Class II

1051/025

ADDITIONAL CONTROL KEYBOARD
> Radio communication mode: two-directional
> Frequencies: 868WF
> Total and partial programmable ON/OFF activation control devices
> Panic alarm
> System status report LED
> Power supply: 1 lithium battery EL 123AP
> Battery duration: 3 years (typical value, may vary depending on specific use)
> Operating temperature: -10°C + 45°C
> Weight: 100 g
> Dimensions (W x H x D): 80 x 116 x 20.5 mm - 3.14 x 4.56 x 8 in
> Compliant with EN 50131 certifications. Grade 2, Class II

DETECTORS

1051/101

PASSIVE INFRARED DETECTOR
> Radio communication mode: two-directional
> Frequencies: 868WF
> White light protection
> Automatic temperature offsetting
> Test mode
> Two levels of sensitivity available
> Acquisition button
> Supervision
> Power supply: 1 battery CR123A 3V
> Battery duration: 3 years (typical value, may vary depending on specific use)
> Operating temperature: -10°C to +45°C
> Weight: 300 g
> Dimensions (W x H x D): 53.2 x 67 x 89.2 mm - 2.1 x 2.63 x 3.51 in
> Compliant with EN 50131 certifications. Grade 2, Class II

ZENO 1051 wireless system

DETECTORS

1051/102

PASSIVE INFRARED DETECTOR WITH PET IMMUNITY
> Radio communication mode: two-directional
> Frequencies: 868WF
> White light protection
> Automatic temperature offsetting
> Animal differentiation up to 27 kg
> Two levels of sensitivity available
> Acquisition button
> Supervision
> Power supply: 1 battery CR123A 3V
> Battery duration: 3 years (typical value, may vary depending on specific use)
> Operating temperature: -10°C to +45°C
> Weight: 300 g
> Dimensions (W x H x D): 53.2 x 67 x 89.2 mm - 2.1 x 2.63 x 3.51 in

1051/103 NEW

INDOOR DOUBLE TECHNOLOGY DETECTOR
> Radio communication mode: two-directional
> It combines the IR and microwave technologies (10,525Ghz)
> High RFI/EMI protection
> Settable detection range: max. 12 metres
> Supervision
> Automatic temperature offsetting sensor
> May be wall or corner mounted using a bracket
> Tampering device
> State display by three LEDs
> Lithium batteries CR123A 3V supplied
> Battery duration: 4 years (typical value, may vary depending on specific use)
> Operating temperature: -10°C to +45°C
> Weight: 100 g
> Dimensions (W x H x D): 63.3 x 112.5 x 62 mm - 2.49 x 4.42 x 2.44 in

1051/104

INDOOR PASSIVE INFRARED DETECTOR WITH CAMERA
The detector is a passive infrared (PIR) movement sensor with incorporated camera. When it detects a movement, it sends alarm signals and images to the control unit.
> Radio communication mode: two-directional
> Frequencies: 2.4 GHz
> Three options to process the image in case of alarm: 3 images with a resolution of 640 x 480 pixels, 6 images with a resolution of 340 x 240 pixels
> Manual image acquisition through a remote control (APP)
> Acquisition button
> Supervision
> Power supply: 2 lithium batteries AA 1.5V
> Battery duration: 2 years (typical value, may vary depending on specific use)
> Infrared range: max. 10 m with 100° angle
> Camera: VGA CMOS with 60° horizontal angle
> Operating temperature: -10°C to +45°C
> Weight: 200 g
> Dimensions (W x H x D): 99 x 48 x 43.3 mm - 3.89 x 1.88 x 1.7 in
> Compliant with EN 50131 certifications. Grade 2, Class II

REFERENCES

DETECTORS

1051/105	**OUTDOOR PASSIVE DOUBLE INFRARED DETECTOR WITH PET IMMUNITY FUNCTION** The detector is a double element (PIR) movement sensor for outdoor use, that reduces the risks of false alarms caused by small animals, vehicles or other outdoor disturbances, making its use easy and practical. > Radio communication mode: two-directional > Frequencies: 868WF > Supervision > Pet Immunity sensitivity programmable on four levels: low (75 cm/60 kg), medium (60 cm/40 kg), high (45 cm/30 kg) and higher (30 cm/20 kg) > Acquisition button > Supervision > Tampering device > Power supply: 2 lithium batteries AA, 3.6 V > Battery duration: 3 years (typical value, may vary depending on specific use) > Operating temperature: -10°C + 45°C > Protection class: IP66 > Weight: 400 g > Dimensions (W x H x D): 68 x 148 x 50 mm - 2.67 x 5.82 x 1.96 in
1051/106	**OUTDOOR PASSIVE DOUBLE INFRARED DETECTOR WITH PET IMMUNITY FUNCTION AND CAMERA** The detector is a double element (PIR) movement sensor with built-in camera. When it detects a movement, it sends alarm signals and images to the control unit. The detector features configurable settings that may be adjusted according to the surrounding environment to avoid false alarms and provide excellent outdoor performance. > Radio communication mode: two-directional > Frequencies: 2.4 GHz > Three options to process the image in case of alarm: 3 images with a resolution of 640 x 480 pixels, 6 images with a resolution of 340 x 240 pixels > Pet Immunity sensitivity programmable on four levels: low (75 cm/60 kg), medium (60 cm/40 kg), high (45 cm/30 kg) and higher (30 cm/20 kg) > Acquisition button > Supervision > Power supply: 2 lithium batteries AA 1.5V > Battery duration: 2 years (typical value, may vary depending on specific use) > Infrared range: max. 12 m with 90° angle > Installation height: 2.3 m > Tampering device > Camera: VGA CMOS with 102° horizontal angle > Camera lighting range: up to 6 m > Operating temperature: from -10°C to +45°C > Protection class: IP66 > Weight: 800 g > Dimensions (W x H x D): 67.84 x 163 x 77 mm - 2.67 x 6.41 x 3 in
1051/107	**DOUBLE TECHNOLOGY OUTDOOR BLIND-EFFECT DETECTOR** The double technology outdoor detector is particularly suitable for access protection, such as doors and windows; it creates a real insurmountable barrier with a range of up to 8 m. > Radio communication mode: two-directional > Frequencies: 868WF > Power supply: 1 CR-123A (3V lithium battery) > Battery duration: 3 years > Camera lighting range: up to 8 m > Anti-masking function selectable via jumper > Opening protection > Selectable MW range > Operating temperature range: -10 ° C to 45 °C > Pre-installed battery with energy saving mode > Supervision > Protection class: IP55 > Dimensions (W x H x D): 44 x 110 x 42 mm - 1.73 x 4.33 x 1.65 in

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ZENO 1051 wireless system

DETECTORS

1051/108	**INDOOR PASSIVE INFRARED BLIND-EFFECT DETECTOR** The passive infrared blind-effect sensor, ideal for indoor applications, is designed to protect windows, skylights, corridors, balcony doors, and wall-to-wall windows. Its compact size and design allow its easy installation with reduced aesthetic impact. > Radio communication mode: two-directional > Frequencies: 868WF > Power supply: 1 CR-123A (3V lithium battery) > Battery duration: 3 years > IR range: max. 8 m with 110° angle > Opening protection > LED feedback and test button > Microprocessor control with ADSP algorithm > Operating temperature range: -10 ° C to 45 °C > Supervision > Dimensions (W x H x D): 56 x 76 x 43 mm - 2.2 x 2.99 x 1.69 in
1051/201	**WHITE MAGNETIC CONTACT** > Radio communication mode: two-directional > Frequencies: 868WF > Power supply: 1 lithium battery 3V type CR2 > Battery duration: 5 years (typical value, may vary depending on specific use) > Acquisition button > Supervision > Opening protection > Colour: white > Operating temperature: -10°C + 45°C > Weight: 100 g > Dimensions (W x H x D): 85 x 25 x 20 mm - 3.34 x 0.98 x 0.78 in > Compliant with EN 50131 certifications. Grade 2, Class II
1051/202	**BROWN MAGNETIC CONTACT** Same specification as Ref. 1051/201 but in brown colour
1051/203	**CONTACT FOR ROLLING SHUTTERS** The 1051/203 magnetic contacts are also provided with wired inputs that can be used to connect the NC (Normally Closed) contact of a wired device or of a rolling shutter opening detector (we recommend using 1033/207 wire contacts) > Radio communication mode: two-directional > Frequencies: 868WF > Power supply: 1 lithium battery 3V type CR2 > Battery duration: 5 years (typical value, may vary depending on specific use) > Acquisition button > Supervision > Opening protection > Input mode selection: through jumper > Operating temperature: -10°C to +45°C > Weight: 100 g > Dimensions (W x H x D): 107 x 32 x 22 mm - 4.21 x 1.25 x 0.86 in > Compliant with EN 50131 certifications. Grade 2, Class II

REFERENCES

SOUNDERS

1051/405	**OUTDOOR SOUNDER WITH FLASHER** > Radio communication mode: two-directional > Frequencies: 868WF > Programmable sound cycle time: 3, 5 or 10 minutes, 1 second (test use) > Programmable sound emission volume: low, medium and high > Alarm memory feedback > System status indications > Supervision > Opening protection > Power supply: 4 alkaline batteries 1.5V type D > Battery duration: 5 years (typical value, may vary depending on specific use) > Output noise level: 110dB @ 1 metre > Operating temperature: -10°C + 45°C > Protection class: IP56 > Weight: 1.87 Kg > Dimensions (W x H x D): 83.5 x 205 x 316.8 mm - 3.28 x 8 x 12.47 in

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1059 wireless system

The 1059 alarm system is an efficient and flexible wireless solution for residential anti-intrusion protection. It manages up to 30 devices, offers plug-and-play configuration functions and is easy to install and program.
It features the free app MY1059 to control it with smartphone and tablet.

It is a system with integrated GPRS communicator and equipped with teach-in system. It allows renaming each device and sending numerical protocols to security surveillance companies.

THE APPLICATION ALLOWS YOU TO

> Activate, deactivate and split the system
> Change users' codes
> Configure control unit parameters
> Set the telephone numbers for alarm notifications
> Manage push notifications and the system's basic information

Main features
> Teach-in system
> Management of 30 devices
> Built-in GPRS communicator
> Supervision
> Free App

MY1059
The application allows you to check your alarm system using your smartphone sending commands via SMS through a simple and intuitive interface. It is possible to activate and deactivate it and to program codes and configure alarms.

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1059 application diagram

MY 1059

1059/035
Remote control

1059/019
Control unit

1059/101
Indoor passive
infrared detector

1059/101
Indoor passive
infrared detector

1059/203
Shutters
magnetic
contact

1059/203
Shutters
magnetic
contact

1059/101
Indoor passive
infrared detector

1059/105
Outdoor
double
infrared
detector

1059/201
Magnetic
contact

1059/405
Outdoor
sounder

1059 wireless system

CONTROL UNITS

1059/012	**CONTROL UNIT WITH DISPLAY, KEYBOARD, VOICE SYNTHESIS AND BUILT-IN GPRS COMMUNICATOR** > Language: IT – EN – FR > 868 MHz radio frequency communication > Management of 30 devices from communicator > Built-in GPRS telephone communicator > 6 programmable telephone numbers > Communication protocol CID over IP or SIA DC-09. > Voice messages can be directly recorded (max. time of 20 sec) > Backlit LCD display with 16 x 2 characters for event display > 2 splittable sections (perimeter and total one) > System supervision > Max. number of configurable remote controls: 20 > Max. number of configurable keyboards: 20 > Protection tampering device: anti-removal and anti-opening > Built-in sounder: 104 dBA > Max. range of devices: 200 m > Power supply: AC adapter, 6x 4.8 Vdc 600 mAh Ni-mh rechargeable > Battery duration: 8 hours > Low battery indication > Casing material: ABS > Dimensions (W x H x D): 185 x 120 x 26 mm - 7.28 x 4.72 x 1 in
1059/903	**WIRELESS KIT WITH BUILT-IN GPRS COMMUNICATOR** > no. 1 - 1059/012 Management control unit > no. 1 - 1059/201 Magnetic contact > no. 1 - 1059/101 Passive infrared detector > no. 1 - 1059/045 Remote control

CONTROL DEVICES

1059/045	**REMOTE CONTROL** > Radio communication: FM > Frequency: 868 MHz > Field range: 100m > Batteries: 230 mA lithium battery CR2032 > Battery duration: 2 years > Low battery indication in the control unit > Controls (keys): Total or Partial Activation / Deactivation / Anti-panic > Signal: red LED > Operating temperature range: -10°C to +45°C > Casing material: ABS707 > Dimensions (W x H x D): 65 x 38 x 15 mm - 2.55 x 1.49 x 0.59 in

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CONTROL DEVICES

1059/025

ADDITIONAL KEYBOARDS
> Radio communication: FM
> Frequency: 868 MHz
> Field range: 100m
> Batteries: 1 x lithium CR2450
> Battery duration: 2 years
> Low battery alarm: LED display
> Protections: anti-removal, anti-opening
> Operating temperature range: -10°C to +45°C
> Casing material: ABS707
> Dimensions (W x H x D): 103 x 72 x 18 mm - 4 x 2.83 x 0.7 in

VOLUMETRIC DETECTORS

1059/101

INDOOR PASSIVE INFRARED DETECTOR
> Radio communication: FM
> Frequency: 868 MHz
> Field range: 200 m
> Batteries: 2 x 1.5 V AA alkaline
> Battery duration: 2 years
> Low battery indication in the control unit
> IR range: 12 m to 2 m from the ground
> Zone sensitivity: High (11 sections), Medium (8 sections), Low (5 sections)
> Protection: anti-opening
> Operating temperature range: -10°C to +45°C
> Supervision interval: 30-50 min.
> Casing material: ABS707
> Dimensions (W x H x D): 120 x 74 x 55 mm - 4.72 x 2.91 x 2.16 in

1059/105

OUTDOOR DOUBLE INFRARED DETECTOR
> Radio communication: FM
> Frequency: 868 MHz
> Field range: 200 m
> Batteries: 2 x 3.6 V AA lithium
> Battery duration: 2 years
> Low battery indication in the control unit
> IR range: 11 m to 2.3 m from the ground
> Zone sensitivity: Upper - High (10 sections), Medium (9 sections), Low (10 sections). Lower - far (10 sections)
> Protection: anti-opening
> Operating temperature range: -10°C to +45°C
> Supervision interval: 30-50 min.
> Casing material: ABS978B
> Dimensions (W x H x D): 68 x 148 x 50 mm - 2.67 x 5.82 x 1.96 in

1059 wireless system

PERIMETER DETECTORS

1059/201	**WHITE MAGNETIC CONTACT** > Radio communication: FM > Frequency: 868 MHz > Field range: 200 m > Batteries: 2 x 1.5 V AA alkaline > Battery duration: 2 years > Low battery indication in the control unit > Auxiliary wired inputs: 1 > Maximum length of perimeter contact connection cables: 5 m > Maximum distance between magnet and contact: 30 mm > Protections: anti-opening and anti-removal > Operating temperature range: -10°C to +45°C > Supervision interval: 30-50 min. > Casing material: ABS707 > Casing colour: white > Dimensions (W x H x D): 135 x 33 x 22 mm - 5.31 x 1.29 x 0.86 in
1059/202	**BROWN MAGNETIC CONTACT** Same features as 1059/201 detector
1059/203	**MULTIFUNCTION MAGNETIC CONTACT FOR ROLLING SHUTTERS** > Radio communication: FM > Frequency: 868 MHz > Field range: 200 m > Batteries: 1 lithium battery 3V type CR2 > Battery duration: 2 years > Low battery indication in the control unit > Auxiliary input: 1 programmable as pulse input (rolling shutters) or NC (contact) > Maximum distance between magnet and contact: 30 mm > Anti-opening and anti-removal protection > Operating temperature range: -10°C to +45°C > Casing material: ABS707 > Dimensions (W x H x D): 107 x 32 x 22 mm - 4.21 x 1.25 x 0.86 in

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SOUNDERS	
1059/405	**OUTDOOR SOUNDER WITH FLASHER** > Radio communication: FM > Frequency: 868 MHz > Field range: 200 m > Batteries: 4 x D-cell alkaline > Battery duration: 2 years > Low battery indication: intermittent alarm sound > Sound pressure: 104 dBA at 1 m > Audio mode: continuous or with pulses > Light alarm device: LEDs > Alarm time: 1 sec/3/5/10 min. > Signalled local events: anti-interference > Protections: anti-removal and anti-opening > Operating temperature range: -10°C to +45°C > Casing material: ABS707 (cover), ABS757 (casing) > Dimensions (W x H x D): 257 x 220 x 69 mm - 10.11 x 8.66 x 2.71 in

Fire detection

Systems and components for enhanced security

Urmet fire protection systems are the ideal solution for all environments, conventional systems for service sector and special systems, digital systems for the service sector, special systems with high management requirements.

The **Urmet solution** is indeed **wide**, innovative and always in step with **European certifications**. Inside the catalog, you can find the most suitable devices and accessories to achieve system solutions suitable for different users.

500 Digital System

400 Conventional System

Wireless stand alone system

Gas detection system

Intake smoke detector system

Accessories

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Digital system

The digital fire system of the **500 series** features a platform for the connection of several control unit models in the network, ensuring excellent performance levels and ease of use, programming and management. The system is modular, flexible and includes **3 models** of control unit. The system manages: **480 zones**, each of them configurable for a specific operation type (fire alarm system, technological system, etc.); **240 groups of sensors**, each of them freely associable with different zones, in order to ensure a high level of cross-checking ; the "threshold" of each detector; identification of device, communication modules and zone; event log (up to 1,000 events); hotel function; day/night

function. Each configuration type can be easily programmed via control unit keyboard, PC (USB) and PC keyboard (PS2). All control units are prearranged for communicating within the network through a **LAN TCP/IP** interface, a communication port for Master/Slave functions, a printer connection port, an optically isolated RS485 port for interfacing repeater panels, a USB port for downloading data and system configuration via PC. The new configuration software and graphic maps enrich the system's local and remote management of information.

500 System diagram

SW Configuration
1043/541

USB port

LAN interface

Control Unit
1043/560

Power supply
1043/191

Electromagnetic
stop
1043/084

I/O Multifuncitonal
module
1043/533

I/O Multifunctionale
module
1043/532

Linear detector
1043/210

I/F loop line
1043/531
(max 128 punti)

Somke
detector
1043/501

One side
optical acoustic panel
1043/255A

RS232/RS405
interface
1043/536

Printer
interface

PS2 Keyboard

Printer

Master/Slave
Control Unit

Remote panels
1043/534

Outdoor optical
repeater
1043/135

Heat
detector
1043/503

Glass-break
push button
1043/506

PC

PC

PC

> From 1 to 12 loops
> 3 connection modes: closed loop, in/out open loop, open loop with parallel connection
> Hotel function
> Day/night mode
> Identification of detector, device and communication modules of the system

> Software for remote control, signalling and transmission of data
> Up to 480 splittable zones
> Up to 240 groups of sensors
> 1,000 events in the log
> Up to a distance of 2 Km from the line with cable having a cross-section of 0.75 sq.m

Digital control units

DIGITAL CONTROL UNITS

1043/550	**MICROPROCESSOR BASED CONTROL UNIT WITH 1 LOOP LINE** Control unit compliant with EN54 standard parts 2-4. Certification no.: 0051-CPD-0243
1043/560	**MICROPROCESSOR BASED CONTROL UNIT WITH 2 LOOP LINES EXPANDABLE UP TO 4** Control unit compliant with EN54 standard parts 2-4. Certification no.: 0051-CPD-0242
1043/570	**MICROPROCESSOR BASED CONTROL UNIT WITH 4 LOOP LINES EXPANDABLE UP TO 12** Control unit compliant with EN54 standard parts 2-4. Certification no.: 0051-CPD-0241

MAIN FEATURES
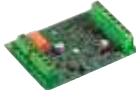
	1043/550	1043/560	1043/570
> Language:	IT – EN – FR - ES – SL - PL – PT – RO		
> Basic configuration	1 loop line	2 loop lines	4 loop lines
> Max. configuration.	1 loop line	4 loop lines	12 loop lines
> No. of zones	480		
> Max. number of points	128	512	1.536
> Max. number of units	240		
> Setting of Self	Learning point		
> Info display	Backlit 4 x 40 display		
> Log	1.000		
> History	On display		
> Password	10		
> USB port	YES		
> Printer connection port	YES		
> Communication port for LAN/TCP/IP	YES		
> RS485 port for repeaters	Max. 16		
> RS485 port for Master/Slave	Max. 32		
> Communication port for PSTN/GSM tel.	PSTN/GSM		
> Non-volatile memory	YES		
> Real time clock	YES		
> Programmable alarm threshold	YES		
> Max. load supplied	2A		
> Housing of batteries	2 pcs 12 A@12Vdc		
> Dimensions (W x H x P):	490 x 355 x 135 mm 19.29 x 13.97 x 5.31	490 x 355 x 135 mm 19.29 x 13.97 x 5.31	490 x 355 x 135 mm 19.29 x 13.97 x 5.31

1043/531	**1-LOOP ADD-ON MODULE** The expansion card allows expanding the control unit with 1 loop line or 2 open lines with the possibility of connecting up to 128 points (detectors, buttons, interfaces, etc.). The module, to be directly installed on the control unit backplane, enables the acquisition and control of the connected devices. Connection with devices can be implemented with closed loop line or with open loop line. Configuration is made during programming.

REFERENCES

CONTROL UNIT ACCESSORIES

1043/532	**1 INPUT/1 OUTPUT MULTIFUNCTIONAL MODULE** The module allows interfacing stable conventional detectors of 500 series with dry contacts (NC/NO) on the digital system, connecting probes or other pulse-actuated devices. Furthermore, the same interface can control actuators (panels, electromagnetic stops, sounders or other). Each input/output can be programmed. > Power supply: 10 ÷ 24Vcc > Absorption: 250 µA (micro ampere) @24Vdc > Relay output: 1A, 30Vdc, resistive load > Alarm repetition output: 12mA max > Operating temperature: -5 ÷ 50 °C > Relative humidity: 95% max. non condensing > Dimensions (W x H x D): 110 x 29 x 92 mm - 4.33 x 1.14 x 3.62 in
1043/533	**4 INPUT/4 OUTPUT MULTIFUNCTIONAL MODULE** The interface has the same characteristics of I/O module 1043/532 module and allows connecting stable conventional detectors with dry contacts (NC/NO), probes or other pulse-actuated devices, and to control actuators (panels, electromagnetic stops, sounders or other), but it is equipped with 4 inputs and 4 different programmable outputs. > Power supply: 10 ÷ 24Vcc > Absorption: 250 µA (micro ampere) @24Vdc > Relay output: 1A, 30Vdc, resistive load > Alarm repetition output: 12mA max. > Operating temperature: -5 ÷ 50 °C > Relative humidity: 95% max. non condensing > Dimensions (W x H x D): 180 x 45 x 139 mm - 7.1 x 1.77 x 5.47 in
1043/534	**REPEATING PANEL** The repeating panel enables active and constant monitoring of every event. Control units 1043/550, 1043/560 e 1043/570 can manage up to 16 remote panels; connection to the control unit and to other panels (if any) is made via optional card 1043/536. Panel identification address is made via on board switch. Information is displayed on a backlit display with 4 lines x 40 characters. Power supply, exclusions/reset, alarms and malfunctions are indicated by a number LEDs. A keypad with specific keys for commands to and from the control unit is available for the user.
1043/535	**PRINTER INTERFACE** The device 1043/535 connected via "RS485" bus to fire alarm control units 1043 of 500 series, allows reporting the following information: events and log. The device must be properly powered up by an additional power unit. > Supply voltage: 11÷29 Vdc > Absorption at 12 Vdc: ~90 mA > Absorption at 24 Vdc: ~45 mA
1043/536	**RS323/RS485 COMMUNICATION INTERFACE** This interface allows enabling 2 ports to which it is possible to connect up to 16 units of repeating panels 1043/534 and 32 units of control unit of 500 series (1043/550, 1043/560 and 1043/570).
1043/537	**4-20 MA INTERFACE FOR GAS DETECTORS OF 700 SERIES** The interface is used to connect a 4-20mA gas detector. Module operation is of multiple threshold type and alarm thresholds can be either selected via micro switches or programmed through the control unit. The interface can be set at alarm condition generation for excessive or insufficient gas presence.

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1043/538	**CONCENTRATOR MODULE** The concentrator module is equipped with short circuit isolator and allows the connection of conventional detectors on the digital system of 500 family. The module 1043/538 is equipped with: > A conventional detection line on which it is possible to connect up to 32 detectors. > Supervised sounder output on which it is possible to connect an alarm signaller directly controlled by the module that switches into alarm mode. The module can be programmed, through control unit, to operate with single or double enabling signal. In the first operating mode, when a detector switches to alarm condition, the module reports this to the control unit and activates automatically its sounder output; in the second mode, instead, the sounder output is activated when the second detector switches to alarm condition. The sounder output, when active, can be switched off or on directly by the control unit. For its correct operation, the module has to be powered up by an external source at 24Vdc.	
1043/539	**BATHROOM PULL CORD INTERFACE** The bathroom pull cord interface can connect a button to a pull cord, present in all hotel bathrooms, and identify it with a unique address on the 500 series digital smoke detection system	
1043/541	**SOFTWARE CONFIGURATION** Through this software, which runs in Windows environment, it is possible to set, activate and program the control unit and all the elements connected to it, both locally and remotely.	
1043/542	**REMOTE MANAGEMENT SW AND GRAPHIC MAPS** The software allows for the full management of one or more networked control units. It is possible to manage and service the system both remotely and locally.	
1043/547	**LAN/TCP/LAN INTERFACE** LAN interface 1043/547 allows connecting a PC to control units 1043 of 500 series through IEEE 802.3 LAN (Ethernet). > Power supply: 5 V > Absorption: 150 mA > Speed: 10/100 Mbit/s self-configuring > Standard: IEEE 802.3	

DIGITAL PUSH-BUTTONS

1043/506	**GLASS-BREAK PUSH-BUTTON** Glass-break push-button, complete with teach-in circuit and short-circuit isolator. Fire alarm push-buttons are used for signalling an alarm manually. To use the glass-break push-button model, just press the glass in the middle in order for it to break and activate an internal switch. These push-buttons are provided with a tool to be used to perform the TEST, open the cover and replace the glass. The alarm status is indicated by the switching on of a red LED. > Dimensions (W x H x D): 110 x 100 x 40 mm - 4.33 x 3.93 x 1.57 in > Compliant with EN54 standards part 11 > Certification number: 1293-CPD-0146	
1043/507	**MANUAL RESET PUSH-BUTTON** Manual reset push-button, complete with teach-in circuit and short-circuit isolator. Same functions as the previous one. To use the manual reset push-button model, just press the glass in the middle in order to push it inwards, thereby operating the switch. These push-buttons are provided with a tool to be used to perform the TEST and reset the glass. The alarm status is indicated by the switching on of a red LED. > Dimensions (W x H x D): 110 x 100 x 40 mm - 4.33 x 3.93 x 1.57 in > Compliant with EN54 standards part 11 > Certification number: 1293-CPD-0147	

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DIGITAL DETECTORS

1043/501

LOW-PROFILE PHOTO-OPTICAL SMOKE DETECTOR, COMPLETE WITH TEACH-IN CIRCUIT AND SHORT-CIRCUIT ISOLATOR
Smoke detectors work according to the light scattering principle caused by smoke particles present in the air. The smoke detector features an automatic gain control function; a microcontroller calculates reading compensation to keep constant sensitivity and corrects any level increase due to dust depositing into the analysis cell. Smoke detectors should be installed in places protected against draughts which may divert the flow of combustion particles and in places where the activities usually performed do not cause the combustion of gases.
> Compliant with EN 54 standards part 7
> Certification number: 1293 - CPD – 0090

1043/502

LOW-PROFILE THERMO-VELOCIMETRIC DETECTOR, COMPLETE WITH TEACH-IN CIRCUIT AND SHORT-CIRCUIT ISOLATOR
Thermo-velocimetric heat detectors control the temperature increase inside the area where they are installed. A micro controller analyses and compares the signal received from a precision heat sensor of the NTC type, and activates the alarm if the temperature increases by more than 5°C per minute.
> Compliant with EN 54 standards part 5 class A1R
> Certification number: 1293 - CPD – 0091

1043/503

LOW-PROFILE HEAT DETECTOR, COMPLETE WITH TEACH-IN CIRCUIT AND SHORT-CIRCUIT ISOLATOR
Heat detectors control the temperature inside the area where they are installed. A micro controller analyses and compares the signal received from a precision heat sensor of the NTC type, and activates the alarm if the temperature goes over 58°C.
> Compliant with EN 54 standards part 5 class A1S
> Certification number: 1293 - CPD – 0092

1043/504

LOW-PROFILE OPTICAL HEAT DETECTOR, COMPLETE WITH TEACH-IN CIRCUIT AND SHORT-CIRCUIT ISOLATOR
Dual-technology detectors (smoke-heat) work according to the light scattering principle caused by smoke particles present in the air (TYNDALL effect) and on temperature monitoring within the area where they are installed. A micro controller analyses and compares the signal received from a precision heat sensor of the NTC type, and activates the alarm if the temperature goes over 58°C. The smoke detector features an automatic gain control function; a micro-controller calculates reading compensation to keep constant sensitivity.
> Compliant with EN 54 standards part 7 and part 5 class A1
> Certification number: 1293 - CPD – 0093

MAIN FEATURES

	1043/501	1043/502	1043/503	1043/504
> Supply voltage (modulated from -15% to +10%)	20Vcc			
> Absorption at rest	25 mA@20Vcc			
> Alarm absorption	2 mA@20Vcc			
> Short circuit isolator	Integrated			
> Two-colour LED: red = alarm: green = normal	YES			
> Static alarm threshold	NO	58°C	58°C	58°C
> Relative humidity max.	93%			
> Weight (g):	70			
> Dimensions (O x H):	90 x 31 mm 3.54 x 1.22 in	90 x 40 mm 3.54 x 1.57 in	90 x 40 mm 3.54 x 1.57 in	90 x 40 mm 3.54 x 1.57 in

Conventional system

The range of **conventional control units by Urmet** is distinguished by an extreme flexibility: it is possible to choose between control units with **2 or 4** zones or to use one of the modular control units with a wider management, including **4 to 20 zones.**
Lines can be activated or deactivated with a command directly from the front keyboard of the control unit. Each line corresponds to a zone; to each one of them it is possible to connect **32 conventional** detectors (Standard ref., UNI 9795) and each inputs can be individually excluded. It is possible to set an alarm threshold for each zone (single or double/multiple enabling signal criterion).

400 system diagram

Smoke detector
1043/401

Heat detector
1043/403

Thermo-velocimetric
smoke detector
1043/402

Microprocessor based
control unit
1043/424

One-side optical
acoustic panel
1043/255A

Outdoor sounder
1043/256

Glass-break push-button
1043/143

Electromagnetic stop
with release button
1043/084
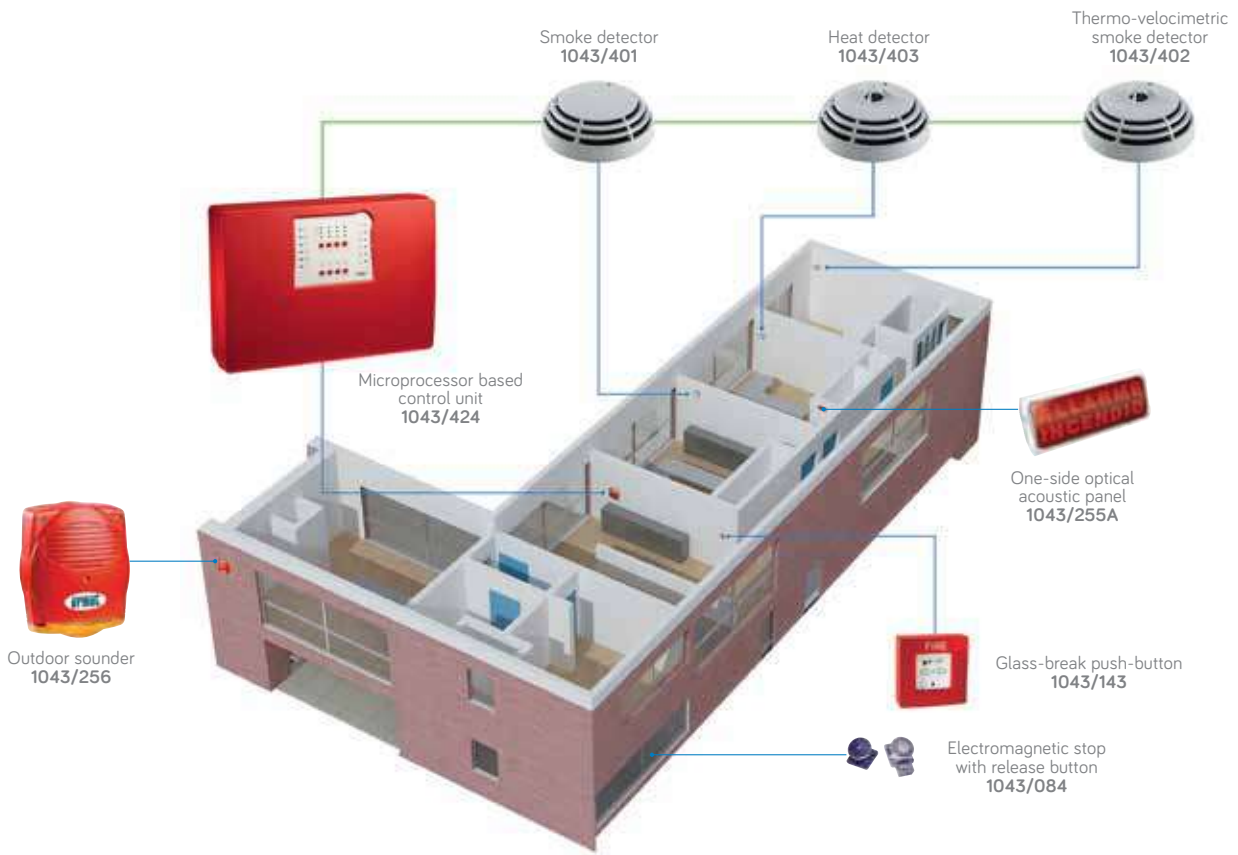
> Solutions from 2 to 20 zones
> Non-volatile memory
> Alarm threshold programming
> Management of 32 conventional detectors
  per line

> Relay outputs: one for general alarm, one
  for fault alarm and one for switch-off alarm
> Other 2/3 relay outputs can be program-
  med freely

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CONTROL UNITS

1043/422	**2-ZONE MICROPROCESSOR BASED CONTROL UNIT** Certification number: 0051-CPD-0340	
1043/424	**4-ZONE MICROPROCESSOR BASED CONTROL UNIT** Certification number: 0051-CPD-0339 Control units allow controlling two to four independent zones, with a maximum of 32 devices per zone. Each line is considered as a zone and can be either activated or deactivated via a command from keyboard. The control unit features two outputs: one for general alarm sounder and one for general fault. General alarm sounder output can be either activated or deactivated via keypad. Other relay outputs, for general alarm and zone alarm, are available on optional relay card. It is possible, for each single zone independently, to decide whether alarm notification is to be obtained with one alarmed device only (single consensus) or with at least two alarmed devices (double consensus). Compliant with EN54 standards parts 2-4.	
1043/428	**4-ZONE MICROPROCESSOR BASED CONTROL UNIT EXPANDABLE TO 8, 12, 16 AND 20 ZONES** Certification number: 0051-CPD-0381 The conventional control unit is modular and can control from 4 (standard configuration) up to 20 lines (with optional modules 1043/429), to which it is possible to connect up to 512 devices. Each line corresponds to a zone, to which it is possible to connect up to 32 points or conventional devices, while the overall number of devices that can be managed by the control unit is 512. Each zone is associated to a relay that is activated when the zone enters an alarm condition. The control unit also features the following relay outputs: one alarm output, one sounder output, one fault output, one programmable output for activation in case of power failure or exclusions, one supervised sounder output. Four more supervised sounder outputs can be added with the optional module 1043/431. Each of these outputs can be associated independently to one or more zones. The control unit features an alphanumeric 4x40 display and a 12-key keyboard. It is also possible to connect a PS2 keyboard for easier user input during the programming phase. The control unit features an event log that can store up to 1.000 events. Furthermore, there is a clock with back-up battery to keep data and time settings even when the control unit is not powered. Compliant with EN54 standards parts 2-4.	

REFERENCES

MAIN FEATURES

	1043/422	1043/424	1043/428
> Number of zones	2	4	4 expandable up to 20
> Power supply	2	4	4 expandable up to 20
> Maximum current	1,9 A	1,9 A	4 A
> Maximum external load	1,6 A	1,6 A	3 A
> Pre-alarm absorption (single consensus)	20 mA		
> Alarm absorption (double consensus)	40 mA		
> Supervised sounder output	24Vcc@500 mA		
> Range output	24Vcc@500 mA	24Vcc@500 mA	24Vcc@1A
> Fault relay output	24Vcc@1A	24Vcc@1A	30Vcc@1A
> Non-volatile memory	YES		
> Exclusion of single lines	YES		
> LED info display	LED	LED	LED through 40x4 LCD display
> Housing of batteries	2 (da 12V@7A)	2 (da 12V@7A)	2 (da 12V@12A)
> Material	ABS	ABS	Cover ABS – Paintedmetallic bottom
> Dimensions (W x H x D)	340 x 240 x 96 mm - 13.38 x 9.44 x 3.77 in		

CONTROL UNIT ACCESSORIES

1043/423	OPTIONAL CARD EQUIPPED WITH 2 RELAY OUTPUTS FOR CONTROL UNIT 1043/422
1043/425	OPTIONAL CARD EQUIPPED WITH 4 RELAY OUTPUTS FOR CONTROL UNIT 1043/424 Optional cards have 2 and 4 dry contact relay outputs, respectively, allowing to differentiate alarm notifications from each zone. Relays in each zone are activated: > In the alarm status of one single device (zone programmed to single enabling signal) > Contact type: dry contact exchange > Power supply: 26.4 Vdc > Maximum current: 1A with resistive load
1043/429	4 INPUT/4 OUTPUT RELAY ADD-ON MODULE FOR CONTROL UNIT 1043/428 > Contact type: NO/NC dry contact, selectable via jumper > Maximum applicable voltage: 30Vcc > Maximum current: 1A resistive load
1043/431	4 OUTPUT RELAY ADD-ON MODULE FOR CONTROL UNIT 1043/428 Output voltage: 24 Vdc > Line end resistor: 3300Ω > Max. output current: 250mA > Internal protection circuit - resettable

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CONVENTIONAL DETECTORS

1043/401	**LOW-PROFILE SMOKE DETECTOR** Smoke detectors work according to the light scattering principle caused by smoke particles present in the air. The smoke detector features an automatic gain control function; a microcontroller calculates reading compensation to keep constant sensitivity and corrects any level increase due to dust depositing into the analysis cell. Smoke detectors should be installed in places protected against draughts which may divert the flow of combustion particles and in places where the activities usually performed do not cause the combustion of gases. > Compliant with EN54 standards part 7 > Certification number: 1293-CPD-0190
1043/402	**LOW-PROFILE THERMO-VELOCIMETRIC SMOKE DETECTOR** Thermo-velocimetric heat detectors control the temperature increase inside the area where they are installed. A micro controller analyses and compares the signal received from a precision heat sensor of the NTC type, and activates the alarm if the temperature increases by more than 5°C per minute. > Compliant with EN 54 standards part 5 > Certification number: 1293 - CPD – 0181
1043/403	**LOW-PROFILE HEAT DETECTOR** Heat detectors control the temperature inside the area where they are installed. A micro controller analyses and compares the signal received from a precision heat sensor of the NTC type, and activates the alarm if the temperature goes over 58°C. > Compliant with EN 54 standards part 5 > Certification number: 1293 - CPD – 0182
1043/404	**LOW-PROFILE OPTICAL HEAT DETECTOR** Dual-technology detectors (smoke-heat) work according to the light scattering principle caused by smoke particles present in the air (TYNDALL effect) and on temperature monitoring within the area where they are installed. A micro controller analyses and compares the signal received from a precision heat sensor of the NTC type, and activates the alarm if the temperature goes over 58°C. The smoke detector features an automatic gain control function; a micro-controller calculates reading compensation to keep constant sensitivity. > Compliant with EN 54 standards part 7 and part 5 > Certification number: 1293 - CPD – 0183

MAIN FEATURES

	1043/401	1043/402	1043/403	1043/404
> Supply voltage	11 - 29 Vdc			
> Average absorption at rest	65mA@20Vcc	40mA@20Vcc	40mA@20Vcc	65mA@20Vcc
> Average absorption in alarm	23mA@20Vcc			
> NO alarm threshold	NO	dT > 5°C/min	58° C ± 5%	58° C ± 5%
> Material	ABS V0			
> LED display	3-colour			
> Dimensions (Ø x H)	90 x 31 mm 3.54 x 1.22 in	90 x 40 mm 3.54 x 1.57 in	90 x 40 mm 3.54 x 1.57 in	90 x 40 mm 3.54 x 1.57 in

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CONVENTIONAL PUSH BUTTONS

1043/143	GLASS-BREAK PUSH-BUTTON Certification number: 1293-CPD-0170

1043/144 — MANUAL RESET PUSH-BUTTON
Certification number: 1293-CPD-0171
Fire alarm push-buttons are used for signalling an alarm manually. To use the glass-break model 1043/143, just press the glass in the middle in order for it to break and activate an internal switch. To reset, replace the glass (spare part no. 1043/247). Model 1043/144 can be reset: just press the glass in the middle in order to push it inwards, thereby operating the switch. The push-button is provided with a tool to be used to perform the TEST and reset the glass. The alarm status is indicated by the switching on of a red LED for both push-buttons.
> Compliant with EN 54 standards part 11
> Common features
> Supply voltage: 11 ÷ 29Vdc
> Alarm absorption: 50 mA@24Vcc
> Weight: 150 G
> Dimensions (W x H x D): 110 x 100 x 40 mm - 4.33 x 3.93 x 1.57 in

1043/146 NEW — IP66 MANUAL RESET PUSH-BUTTON
> Power supply: 9 ÷ 30 Vdc
> Max current: 3 A
> Contacts: 1 exchange
> Material: ABS V0
> Operating temperature: -25°C ÷ +70°C (75% RH)
> Supplied: recovery key
> Protection class: IP66
> Dimensions (W x H x D): 110 x 110 x 53 mm - 4.33 x 4.33 x 2.1 in
> EN54 certified, part 11

PUSH-BUTTON ACCESSORIES

1043/247	SPARE GLASS Spare glass for glass-break push-buttons mod. 1043/143 and 1043/506

DETECTOR ACCESSORIES

1043/500 — STANDARD BASE FOR DIGITAL DETECTORS OF 500 SERIES AND FOR CONVENTIONAL DETECTORS OF 400 SERIES
The base is common to all conventional detectors of 400 series and for all digital detectors of 500 series.
> Material: ABS
> Dimensions: Ø 90 mm - 3.54 in

1043/510 — STANDARD BASE WITH RELAY OUTPUT FOR DIGITAL DETECTORS OF 500 STANDARD BASE WITH ALARM REPETITION FOR DIGITAL DETECTORS OF 500 SERIES
The base is common to all digital detectors of 500 series, through its alarm repetition function it is possible to control an outdoor flashing dome.
> Material: ABS
> Dimensions: Ø 90 mm - 3.54 in

1043/511 — STANDARD BASE WITH RELAY OUTPUT FOR DIGITAL DETECTORS OF 500 SERIES AND FOR CONVENTIONAL DETECTORS OF 400 SERIES
The base is common to all conventional detectors of 400 series and to all digital detectors of 500 series, through its relay output it is possible to control an outdoor flashing dome (through auxiliary power supply).
> Dry contact relay output: 1A@30V
> Material: ABS
> Dimensions: Ø 90 mm - 3.54 in

1043/515 — COUNTER-BASE FOR DIGITAL DETECTORS OF 500 SERIES AND FOR CONVENTIONAL DETECTORS OF 400 SERIES

Conventional control units

GAS DETECTORS

1043/408	**METHANE GAS DETECTOR COMPLETE WITH BASE** Detectors 1043/408 allow signalling the presence of methane gas with a concentration level lower than the lower explosive limit (L.E.L.), namely 10%, long before an explosive mixture is formed. The detector features a relay alarm output with exchange contact (NO and NC), an optically isolated NC contact fault output and two terminals for the connection of a current absorption line for conventional control units.
1043/409	**LGP GAS DETECTOR COMPLETE WITH BASE** Detectors 1043/409 allow signalling the presence of LGP gas with a concentration level lower than the lower explosive limit (L.E.L.), namely 10%, long before an explosive mixture is formed. The detector features a relay alarm output with exchange contact (NO and NC), an optically isolated NC contact fault output and two terminals for the connection of a current absorption line for conventional control units. COMMON FEATURES > Supply voltage: 11 ÷ 29Vdc > Absorption at rest: 60mA @12Vdc - 30mA @24Vdc > Alarm absorption: 70mA @12Vdc - 40mA @24Vdc > Line absorption in alarm: 50mA at 24Vcc > Delay for alarm: 20 seconds > Delay for alarm reset: 30 seconds > Alarm threshold for detection: 10% LEL – 0.50% in volume > Alarm relay output: (NO-NC) 1A, 30 VDC resistive load > Fault output: optically isolated NC contact 20mA, 30Vdc > Operating temperature: 0 ÷ 40°C (max* -15 ÷ 55°C) > Moisture: 30 ÷ 95% (max* 0 ÷ 95%) > Weight: 110 g > White ABS container > Protection class: IP30 > Dimensions (Ø x H): 90 x 48 mm - 3.54 x 1.88 in (base included)

LINEAR SMOKE DETECTOR ACCESSORIES

1043/211	**REFLECTOR MAX. RANGE 20 METRES** > Dimensions (W x H): 10 x 10 cm - 3.93 x 3.93 in
1043/212	**REFLECTOR MAX. RANGE 50 METRES** > Dimensions (W x H): 20 x 20 cm - 7.87 x 7.87 in
1043/213	**REFLECTOR MAX. RANGE 100 METRES** > Dimensions (W x H): 30 x 30 cm - 11.81 x 11.81 in

REFERENCES

LINEAR SMOKE DETECTORS

1043/209

REFLECTION LINEAR SMOKE DETECTOR, MAX. RANGE 100 M
Linear smoke detector 1043/209 is particularly suitable for installations in the field of protections for cultural property, such as: museums, churches, historical buildings, art exhibitions, etc. Its operating principle is based on the interaction between the smoke present inside a room, originated by an incipient fire, and an infrared emitted and reflected by a special optical reflector. In particular, the Rx receiver processes an electric signal proportionally to the received light intensity, through the notification of an alarm or fault condition if the signal drops continuously below an alarm or fault threshold for a pre-set time period.
The detector is equipped with three LED indicators and two 7-segment displays to report various kinds of information to the installer/ operator. It is also equipped with a fault relay and 2 relays for pre-alarm and alarm condition signalling; the device features a connection to a conventional fire detection line to send the alarm condition signal to the control unit.
EN54 certified part 12, 1293-CPR-0409

1043/210

TX + RX LINEAR SMOKE DETECTOR, MAX. RANGE 150 M
Linear smoke detector 1043/ 210 is mainly suitable for office building applications. Its operating principle is based on the interaction between the smoke present inside a room originated by an incipient fire and an infra-red emitted by a transmission unit (Tx) and received and duly processed by a receiving unit (Rx).
In particular, the Rx receiver processes an electric signal proportionally to the received light intensity, through the notification of an alarm or fault condition if the signal drops continuously below an alarm or fault threshold for a pre-set time period. The detector is equipped with three LED indicators and two 7-segment displays to report various kinds of information to the installer/ operator. It is also equipped with a fault relay and 2 relays for pre-alarm and alarm condition signalling; the device features a connection to a conventional fire detection line to send the alarm condition signal to the control unit.
Certification number: 1293-CPR-0408

COMMON FEATURES
> Supply voltage: 10.8 ÷ 26.8 Vdc
> Consumption in stand-by mode @24Vdc: 55mA
> Consumption in stand-by mode @12Vdc: 45mA
> Consumption in alarm conditions @24Vdc: 60mA (1043/210) - 50mA (1043/209)
> Consumption in alarm conditions @12Vdc: 50mA (1043/210) - 40mA (1043/209)
> Consumption in fault conditions @24Vdc: 45mA (1043/210) - 35mA (1043/209)
> Consumption in fault conditions @12Vdc: 40mA (1043/210) - 30mA (1043/209)
> Pre-alarm shading thresholds: 20%, 25%, 30%, 35%
> Alarm shading threshold: 35%
> Minimum operating distance: 5m
> Maximum operating distance: 150m (1043/210) – 100m (1043/209)
> Transmitter beam wavelength: 890 mm
> Beam misalignment tolerance: ±1°
> 1A pre-alarm relay, 30Vdc resistive load - NO/NC contact selectable via jumper
> 1A alarm relay, 30Vdc resistive load - NO/NC contact selectable via jumper
> 1A fault relay, 30Vdc resistive load - NO/NC contact selectable via jumper
> Conventional line - input voltage range: 10 ÷ 20Vdc
> Conventional line - absorption in pre-alarm conditions: 20mA at 20Vdc
> Conventional line - absorption in alarm conditions: 40mA at 20Vdc
> Conventional line - reset pulse duration: 200mS
> Operating temperature range: (-10 ± 3) °C ÷ (55 ± 2) °C
> Relative humidity: (93 ± 3) %
> Protection class: IP55
> Weight: 900 g
> Dimensions (W x H x D): 248 x 122 x 120 mm - 976 x 4.8 x 4.72 in

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Wireless stand-alone system

The system is suitable for all those installations where laying the sensor connection cables is difficult or too much expensive. **Wireless technology** is based on a two-directional communication at
868 MHz and ensures maximum reliability and high response speed. The range of wireless devices includes: add-on modules, smoke optical detectors, temperature detectors, optical/heat detectors, alarm push-buttons and sounders.
The system is EN54 certified, part 25.

MAIN FEATURES

> Two-way communication
> Extension of existing plants
> 7 frequency channels
> EN54 certification

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CONTROL UNIT

1043/350

CONTROL UNIT MODULE
1043/350 module is a device allowing to interface a wireless fire detection sub-system with a conventional or digital fire detection system. The module requires the wired connection to the control unit and the radio connection to all the field radio devices. The module can be connected to the conventional detection control unit directly through the absorption line and to the digital system through module 1043/538. The radio communication between module 1043/350 and its accessories occurs through two-directional protocol. The module can be easily configured by exclusively using a personal computer with "WirelEx Fire" software through an RS232 serial connection.
> Distance of radio-communication with radio devices: 200 m (in free range)
> Operating frequency: 868 MHz
> Modulation frequency: FSK
> Operating frequency channels: 7
> Radiated power emitted 5 dBm: (3mW)
> Supply voltage: 9 Vdc ÷ 30 Vdc (typical 12 Vdc)
> Minimum voltage threshold for power supply malfunction signal: 9 Vdc
> Applied voltage to conventional line of control unit: equal to the device's supply voltage
> Maximum voltage of alarm signalling line: 27 Vdc
> Maximum current consumption: 60 mA at 12 VDC (in alarm condition)
> Operating temperature: -30°C to +50°C
> Weight: 330 g
> Dimensions with antenna (W x H x D): 190 x 230 x 50 mm - 7.48 x 9 x 1.96 in
> Dimensions without antenna (W x H x D): 120 x 160 x 50 mm - 4.72 x 6.29 x 1.96 in
> Protection class: IP51C
> Software required for "Wirelex-Fire" system configuration, 5.0 revision or later
> Compliant with EN54 standard part 25 and part 18

Wireless stand-alone system

1043/351

ADD-ON MODULE

Add-on module 1043/351 allows expanding the radio coverage of the fire detection system via radio. The module is connected via radio to the module of system 1043/ 350 and, if necessary, to other add-on modules 1043/351, in order to ensure a proper radio coverage with the field sensors. The communication of data between modules 1043/350, 1043/351 and field devices (detectors, push-buttons, sounders, etc.) is carried out via radio through two-directional protocol. The module can be easily configured by exclusively using a personal computer with "WirelEx Fire" software through an RS232 serial connection. The add-on module is not powered by battery but requires an external power supply.

> Radio communication distance with control unit module 1043/350 or other add-on modules 1043/351: 600 m (in free range)
> Distance of radio-communication with field devices: 200 m (in free range)
> Maximum number of modules 1043/351 that can be connected to a control unit 1043/350: 7
> Operating frequency: 868 MHz
> Operating channels: 7
> Power emitted: 5 dBm (3mW)
> Supply voltage: 9 VDC - 30 VDC
> Minimum voltage threshold for power supply malfunction signal)main and secondary power supply): 11 VDC (± 0.5 VDC)
> Current consumption: 15 mA at 24 VDC - 30 mA at 12 VDC
> Operating temperature: -30°C to +50°C
> Weight: 300 g
> Dimensions with antenna (W x H x D): 190 x 230 x 50 mm - 7.48 x 9 x 1.96 in
> Dimensions without antenna: 120 x 160 x 50 mm - 4.72 x 6.29 x 1.96 in
> Protection class: IP51C
> Compliant with EN54 standard part 25 and part 18

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DETECTORS

1043/301A NEW

SMOKE DETECTOR WITH BASE
The smoke detector constantly detects the air present in the protected area in order to promptly trigger the fire alarm if necessary and, at the same time, offers a high protection level against false alarms. The alarm condition occurs when the smoke level inside the optical chamber exceeds the alarm threshold; in this case, an alarm message is sent to module 1043/350, which reports it to the fire detection control unit connected to the latter. The alarm signal can reach module 1043/350 directly or through one or more add-on modules 1043/351. The state-of-the-art smoke inlet openings of the optical chambers ensure excellent protection level against dust penetration, thus extending service intervals. The communication occurs in radio mode through a two-directional protocol.
> Distance of radio-communication with radio devices: 200 m (in free range)
> Operating frequency: 868 MHz
> Modulation type FSK
> Operating channels: 7
> Power emitted: 5 dBm (3mW) - Typical value
> Message transmission period: 60 sec - Default value
> Main battery: CR123A (3 Vdc) type
> Battery duration: 3 years in standard working condition
> Secondary battery: CR123A (3 Vdc) type
> Average duration: 2 months
> Weight: 130g - Mounting base included
> Protection class: IP21C
> Maximum humidity: 95% RH - Non condensing
> Operating temperature: -10°C to +55°C
> Dimensions (W x H): 110 x 65 mm - 4.33 x 2.55 in. Mounting base included
> Compliant with EN54 standard part 7 and part 25

1043/302A NEW

HEAT DETECTOR WITH BASE
The heat detector detects the temperature in the protected area to promptly trigger the fire alarm if necessary and, at the same time, offers a high protection level against false alarms. The alarm condition occurs when the temperature or the thermal variation within a certain time frame exceeds the alarm threshold; in this case, an alarm message is sent to module 1043/350, which reports it to the fire detection control unit connected to the latter. The alarm signal can reach module 1043/350 directly or through one or more add-on modules 1043/351. The communication occurs in radio mode through a two-directional protocol.
> Distance of radio-communication with radio devices: 200 m (in free range)
> Operating frequency: 868 MHz
> Modulation type: FSK
> Operating channels: 7
> Power emitted: 5 dBm (3mW) - Typical value
> Message transmission period: 60 sec - Default value
> Main battery: CR123A (3 Vdc) type
> Battery duration: 3 years in standard working condition
> Secondary battery: CR123A (3 Vdc) type
> Average duration: 2 months
> Weight: 130g - Mounting base included
> Protection class: IP21C
> Maximum humidity: 95% RH - Non condensing
> Operating temperature: -10°C to +55°C
> Dimensions (W x H): 110 x 65 mm - 4.33 x 2.55 in. Mounting base included
> Compliant with EN54 standard part 5 and part 25

Wireless stand-alone system

DETECTORS

1043/304A NEW

OPTICAL HEAT DETECTOR WITH BASE

The optical heat detector analyses air and temperature in the protected area to promptly trigger the fire alarm if necessary and, at the same time, offers a high protection level against false alarms. The alarm condition occurs when:
> The smoke quantity in the optical chamber exceeds the alarm threshold
> The temperature or the thermal variation within a certain time frame exceeds the alarm threshold

When one of these conditions occurs, an alarm message is sent to module 1043/350, which reports it to the fire detection control unit connected to the latter. The alarm signal can reach module 1043/350 directly or through one or more add-on modules 1043/351. The state-of-the-art smoke inlet openings of the optical chambers ensure excellent protection level against dust penetration, thus extending service intervals. The communication occurs in radio mode through a two-directional protocol.
> Distance of radio-communication with radio devices: 200 m (in free range)
> Operating frequency: 868 MHz
> Modulation type: FSK
> Operating channels: 7
> Power emitted: 5 dBm (3mW) - Typical value
> Message transmission period: 60 sec - Default value
> Main battery: CR123A (3 Vdc) type
> Battery duration: 3 years in standard working condition
> Secondary battery: CR123A (3 VDC) type.
> Average duration: 2 months
> Weight: 130g - Mounting base included
> Protection class: IP21C
> Maximum humidity: 95% RH - Non condensing
> Operating temperature: -10°C to +55°C
> Dimensions (W x H): 110 x 65 mm - 4.33 x 2.55 in. Mounting base included
> Compliant with EN54 standards part 7, part 5 and part 25

REFERENCES

PUSH-BUTTONS

1043/306

MANUAL RESET PUSH-BUTTON

The manual reset push-button is a device that allows generating an alarm condition after pressing on the front panel of the device. Such pressure causes the transmission of an alarm message to module 1043/350, which reports it to the fire detection control unit connected to the latter. The alarm signal can reach module 1043/350 directly or through one or more add-on modules 1043/351. The communication occurs in radio mode through a two-directional protocol. The push-button is resettable and can be reset after its activation just by using the special supplied key.

> Distance of radio-communication with radio devices: 200 m (in free range)
> Operating frequency: 868 MHz
> Modulation type: FSK
> Operating channels: 7
> Power emitted: 5 dBm (3mW) - Typical value
> Main battery: CR123A (3 Vdc) type
> Battery duration: 3 years in standard working condition
> Secondary battery: CR123A (3 Vdc) type
> Average duration: 2 months
> Approved voltage range: 2.75 VDC - 3.20 VDC
> Weight 186g - Without batteries
> Operating temperature: -10°C to +55°C
> Dimensions (W x H x D): 86 x 86 x 59 mm - 3.38 x 3.38 x 2.32 in
> Compliant with EN54 standard part 11 and part 25

ACTUATORS

1043/315

SOUNDER

The sounder is a sound-emitting device that is activated by the central station in case of a fire. The activation signal provided by the control unit passes through module 1043/350 and through add-on modules 1043/351 (if any), which ensure the system's wireless coverage. The communication is carried out in MEDWTA radio mode: during installation, the installer can program both the tone required and the acoustic emission volume

> Distance of radio-communication with radio devices: 200 m (in free range)
> Operating frequency: 868 MHz
> Modulation type: FSK
> Operating channels: 7
> Main and secondary battery: Type CR123A (3Vdc)
> Duration: 3 years in standard working condition
> Certified voltage variation: 2.75 ÷ 3.20 Vdc
> Current in alarm: 70mA
> Operating temperature: -10°C to +55°C
> Maximum humidity: 95% RH - Non condensing
> Protection class: IP21C
> Acoustic intensity generated (adjustable): maximum acoustic intensity from 78dB to 94dB depending on the angle and on the selected tone
> Compliant with EN54 standard part 3 and part 25

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Gas detection systems

Gas leak detection control units by Urmet offer great flexibility in terms of installation, programming and management of protected areas. They are extremely safe control units, also thanks to an accurate system for self-diagnosis and fault check. Manufactured in compliance with **ATEX** Directives.

MAIN FEATURES

	1043/824	1043/830
> Basic configuration	4 zones	8 zones
> Max. configuration.	8 zones	104 zones
> No. of max. outputsx.	5+16	4+64
> Connection	4-20mA	
> Max. current supplied	1,5A@220Vca	3,5A@220Vca
> Info display	16-character backlit LCD Display	32-character backlit LCD Display
> Log	NO	800
> Parallel port	NO	Centronics
> Serial port	NO	RS232 + RS485
> Housing of batteries	1 7A@12Vdc piece	
> Dimensions (W x H x D)	360 x 225 x 110 mm 14.17 x 8.85 x 4.33 in	430 x 410 x 140 mm 16.92 x 16.14 x 5.51 in

REFERENCES

GAS DETECTION CONTROL UNITS

1043/824	**MICROPROCESSOR BASED CONTROL UNIT WITH 4 ZONES EXPANDABLE UP TO 8** Control unit 1043/824 has been designed to allow maximum flexibility in small systems. It allows connecting up to 4 flammable gas, toxic gas and oxygen detectors with 4-20 mA proportional output in basic configuration and up to 8 detectors when an add-on module 1043/825 is added. For each input it is possible to set both the detector type and the measuring field, as well as calibration values. Functions are programmed by simply using the 2 buttons and the 3-position key present on the front panel of the control unit. The measured concentration values are shown on a backlit liquid crystal display, while alarm and fault statuses, including LED signals, are shown on the front panel of the control unit. The local acoustic alarm is equipped with a high-efficiency internal buzzer. The control unit features 5 relay outputs and a 12Vdc/1.5A power unit. By adding the expansion card, 16 open collector outputs are added to the 4 zones.
1043/830	**MULTISCAN MICROPROCESSOR BASED CONTROL UNIT WITH 8 ZONES EXPANDABLE UP TO 104** Multiscan control unit has been designed to allow maximum flexibility and expandability of systems. It allows connecting flammable gas, toxic gas or oxygen detectors. It can manage up to 104 detectors with 4-20 mA proportional output. The connection is carried out by means of remote concentrators (1043/831) placed on an RS485 serial line. The control unit features 4 freely associable relay outputs, expandable up to 68 through optional card 1043/832. The control unit can be configured with devices different from one another both in terms of detected gas and activation thresholds. It features an even log with buffer that can store up to 800 events. The configuration of the system and of the control unit's specifications is carried out by means of the backlit graphic LCD display (resolution 256 x 64 pixels) and of the membrane keyboard placed on the front panel of the control unit. The display allows also viewing the status of the control unit and of detectors during normal operation. It features also an RS232 serial line for interfacing to a personal computer with a suitable management software.

Gas detection systems

CONTROL UNIT ACCESSORIES	
1043/825	EXPANSION CARD FOR CONTROL UNIT 1043/824 4-zone add-on module
1043/831	EXPANSION CARD FOR CONTROL UNIT 1043/830 8-zone add-on module
1043/832	OUTPUT CARD FOR CONTROL UNIT 1043/830 Remote module with 16 programmable open collector outputs

Gas detectors

CATALYTIC

Their sensor consists of a **platinum coil** covered by a **catalyst**. During the movement the coil reaches a temperature higher than **400°C** due to the effect of an electric current. Sensor operation is based on the **electrocatalysis** principle. When the mixture of combustion air and gas or vapours gets into contact with the catalyst, the temperature of the platinum filament increases due to oxidation, and since it has a high positive coefficient, the value of its resistance increases proportionally with the gas concentration. To avoid the environmental conditions (temperature and humidity) to seriously altering the measurement, a second detector, identical to the first one, is used as compensator in the measurement circuit, where the catalyst is inhibited. Therefore, the twin sensor does not react to the gases and vapours, but only to the environmental conditions (temperature and humidity) and offsets the drifts of the measurement sensor.

ELECTROCHEMICAL

The sensor is based on **fuel cell technology**. It is basically made up of a **metallic anode**, an **electrolyte** and a **cathode**. The latter is exposed to the air by means of a capillary diffusion barrier. When the gas is diffused through the diffusion barrier and gets into contact with the electrolyte, a current proportional to the gas concentration is created. The electrical signal follows a linear trend with a deviation error that, in the worst case scenarios, is lower than 0.5%. The sensor is very reliable and has excellent performance. Furthermore, it features great resistance to corrosion and is not affected by temperature and humidity variations. Therefore, the probe is sensitive for long periods of time. This type of sensor has excellent technical performance, in particular the sensitivity, the value repeatability and the optimum gas selectivity.

NOTES: The catalytic sensor offers optimal linearity up to 100% of LIE and its average life is of 4 years (standard alarm cycles), except in those cases where there are substances such as: silicone, tetraethyl lead, hydrogen sulphide, carbon tetrachloride or similar that may poison or inhibit the sensor itself. The average life of an electrochemical cell sensor used to detect toxic gases is of 2 years. For a correct maintenance, perform period checks at least twice a year for the catalytic model and four times a year for the electrochemical cell model.

REFERENCES

GAS DETECTORS OF EX II 2GD TYPE

1043/721	**4-20 MA METHANE GAS DETECTOR, 0-100% LEL** Catalytic sensor: Nemoto. Absorption: 140mA@12Vcc	
1043/722	**4-20 MA PETROL VAPOUR DETECTOR, 0-100% LEL** Catalytic sensor: Nemoto. Absorption: 140mA@12Vcc	
1043/723	**4-20 MA LGP GAS DETECTOR, 0-100% LEL** Catalytic sensor: Nemoto. Absorption: 140mA@12Vcc	
1043/726	**4-20 MA CARBON MONOXIDE DETECTOR, 0-500 PPM** Electrochemical cell sensor. Absorption: 30mA@12Vcc	

GAS DETECTORS OF EX II 3GD TYPE

1043/701	**4-20 MA METHANE GAS DETECTOR, 0-100% LEL** Catalytic sensor: Nemoto. Absorption: 140mA@12Vcc	
1043/702	**4-20 MA PETROL VAPOUR DETECTOR, 0-100% LEL** Catalytic sensor: Nemoto. Absorption: 90mA@12Vcc	
1043/703	**4-20 MA LGP GAS DETECTOR, 0-100% LEL** Catalytic sensor: Nemoto. Absorption: 140mA@12Vcc	
1043/704	**4-20 MA PROPANE GAS DETECTOR, 0-100% LEL** Catalytic sensor: Nemoto. Absorption: 140mA@12Vcc	
1043/705	**4-20 MA BUTANE GAS DETECTOR, 0-100% LEL** Catalytic sensor: Nemoto. Absorption: 140mA@12Vcc	
1043/706	**4-20 MA CARBON MONOXIDE DETECTOR, 0-500 PPM** Electrochemical cell sensor. Absorption: 40mA@12Vcc	

MAIN FEATURES

	EX II 2GD	EX II 3GD
> Power supply	12 – 24Vcc – 20% + 15%	
> Autozero procedure	Offset of zero drifts	
> Flashing	LED LIGHT SIGNALS	
> Precision	± 10% of reading	
> Pre-heating time	5 minutes	
> Stabilisation time	‹ 2 minutes	
> Response time	‹ 15 sec. T50; ‹ 25 sec. T90 (version for flammable gas)	
> Air speed	‹ di 6 mS	
> Digital Filter	Mobile averages on acquired values	
> Resolution	1.024 points	
> Protection class	IP55	IP65
> Weight	350 g	950 g
> Dimensions (W x H x D)	106 x 170 x 65 mm - 4.17 x 6.69 x 2.55 in	110 x 135 x 80 mm - 4.33 x 5.31 x 3.14 in
> Reference regulations	EN50014 EN50018 EN50021 (essential safety requirements EEx-n) /EN61779-1/4 (performance)	
> Atex CE marking	CE 722 Ex II 2GD Ex d IIC Ex tD A21 IP65 T85°C	

Intake smoke detector systems

Intake smoke detection is based on the continuous suction of air from the room to be protected. The air is suctioned through a **piping network** and then analysed through a **high-sensitivity unit** that can detect even the smallest quantity of smoke

Urmet offers 2 solutions

INTAKE SMOKE DETECTOR WITH 1 OR 2 CHANNELS WITH HIGH-SENSITIVITY SMOKE SENSOR

The solution features a detection system that takes air from the protected area through pipes where sampling holes are present.
The pipe maximum length is:
> No. 1 pipe of max. 100m for the item 1043/601
> No. 2 pipes of max. 100m each for the item 1043/602
Both models use a highly performing **exhauster** and **flow control circuits** able to signal the clogging of the holes or the loss of seal of the intake pipe. Here the air is sampled and analysed by the **detectors** present in the analysis chamber. The alarm levels (no.3 per each channel) are displayed through LED, the smoke concentration value is displayed on a 10-element display and fault LEDs signal any flow anomalies.

LASER INTAKE SMOKE DETECTION

The solution consists of constantly taking a sample of air from the environment to protect, through a network of pipes. The air taken from the intake network is sent to a cylindrical analysis chamber. A laser beam crosses the chamber radially and illuminates any smoke particle that is on its path. The light caused by the distortion of the laser beam that detects the smoke particle is "captured" by the walls of the analysis chamber, analysing the quantity of distorted light and comparing it to the initial emission. A particle that causes a distortion of **0.01%** of darkening/metre, is already detectable. The upper limit is instead 20% of darkening/metre. Should the detected distorted light be higher than the threshold alarm, it will cause the activation of the digital outputs and the transmission of the information to the serial line towards the control system (control unit for fire **detection**).

TYPICAL APPLICATIONS

> Automatic storages and deposits with high stacking levels
> False-ceilings
> Cold stores
> Waste treatment and collection centres

> Biomass treatment and collection centres
> Environments with normal presence of humidity or suspended particles
> Calculation centres, hospitals, cleanrooms, libraries, museums, important historical-architectural buildings

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ILS INTAKE DETECTORS

ILS system is an intake detector that uses a sampling piping network to convey air into a high-sensitivity point-contact detector housed inside the control unit. Using a piping network allows protecting a wider area with respect to traditional point-contact detectors. They can be configured with up to three alarm levels depending on the specific application. A high-efficiency suction system and a set of flow sensors ensure the proper air flow. The amount of suctioned air can be viewed on a graphic bar with 10 LEDs indicating also the thresholds for low or too high air flow. ILS is an autonomous device that can signal fault and alarm events through a relay with voltage-free contacts. Such contacts can be then moved to a control and signalling unit.

1043/601	**1-CHANNEL ILS1 INTAKE DETECTOR** > High-sensitivity smoke detector integrated into the control unit > 1 Alarm zone > 1 x 100 m sampling pipes with ¾" or 25 mm diameter > Sensitivity settable from 0.06÷6% Obs/m > Mechanical inspectionable and interchangeable filter > One flow air sensor per pipe > Power supply: 24Vdc@300mA (typical) > Relay for pre-alarm, alarm, fault on each pipe (SPDT) > LED display for indicating the smoke concentration in each pipe > Key for quick start (programming software not required) > Operating temperature range: -10° - +50°C > Protection class: IP55 > CPD EN54-20 certification with relevant classes > Possibility to operate in class A, B, C
1043/602	**TWO-CHANNEL ILS2 INTAKE DETECTOR** > High-sensitivity smoke detectors integrated into the control unit > 2 alarm zones > 2 x 100 m sampling pipes with ¾" or 25mm diameter > Sensitivity settable from 0.06÷6% Obs/m > Mechanical inspectionable and interchangeable filter > One flow air sensor per pipe > Power supply: 24Vdc@300mA (typical) > Relay for pre-alarm, alarm, fault on each pipe (SPDT) > LED display for indicating the smoke concentration in each pipe > Key for quick start (programming software not required) > Operating temperature range: -10° - +50°C > Protection class: IP55 > CPD EN54-20 certification with relevant classes > Possibility to operate in class A, B, C

Intake smoke detector systems

CONTROL UNIT

1043/603	**2-CHANNEL IFT-PT LASER INTAKE DETECTOR** IFT-PT intake detector is a sampling detector with an alarm sensitivity range from 0.001% to 20% obscuration per metre. This system is classified as smoke detector and can quickly and reliably detect an incipient fire during the initial phase over a surface of 1600 sq.m. > 1 alarm zone > 2 x 100 m sampling pipes with ¾" or 25mm diameter > Measurement of the mass of smoke particles with nephelometric principle, Laser sensor > Detection field: 0.01% ÷ 20% Obs/m > Reading resolution: 0.01% > 4 Freely programmable alarm thresholds (Alert, Action, Fire1, Fire2) > Event log (20,000 events of FIFO type) > One flow air sensor per channel > Flow sensor inside the Laser chamber > Mechanical inspectionable and interchangeable filter > Power supply: 24 Vdc > Calibration and monitoring of sampling flows > Programmable intervention delays > Optional clean air reference channel compensation > RS232 communication > RTU Modbus protocol RS485 communication > TCP/IP communication > Digital outputs: 1 common fault relay (SPDT), 4 relays per programmable threshold: Alert, Action, Fire1, Fire2 (SPDT) > Remote display panel option > 4-relay expansion card (SPDT) > Dimensions: 254(L) x 180(h) x 165(D) mm > Vds, UL, FM approval > CPD EN54-20 certification, classes A, B, C

ACCESSORIES

1043/621	ABS PIPE - 25 mm diameter, red, supplied with 3M Bars
1043/622	ABS SLEEVE - 25 mm diameter, red
1043/623	ABS 90° ELBOW - 25 mm diameter, red
1043/624	ABS 45° ELBOW - 25 mm diameter, red
1043/625	ABS PIPE CLOSING PLUG - 25 mm diameter, red
1043/626	ABS T-SHAPED SLEEVE - 25 mm diameter, red
1043/627	MOUNTING BRACKET FOR ABS PIPE Red
1043/628	THREADED PIPE UNION Inspectionable sleeve: 25 mm diameter, red
1043/629	500ML GLUE JAR FOR ABS PIPES
1043/630	ADHESIVE LABELS Sampling point: package of 100 pieces

Actuators and accessories

Range of products to complete fire alarm system: acoustic and light devices addressed on loop, self-powered sounders, electronic bells, optical repeaters, telephone communicators.

ACOUSTIC AND SOUND SIGNALLING DEVICES

1043/255A	**SINGLE SIDE OPTICAL ACOUSTIC PANEL** > Rated power supply voltage: 24 Vdc > Fuse: Rapid - 300 mA > Acoustic frequency: 2.9 KHz +- 0.5KHz > Max absorption: 2.4W (100mA at 24Vdc) > Flashing rate: 1Hz > Operating temperature: -10°C - +55°C > Protection class: IP21C > Casing material: Self-extinguishing ABS V0 > Casing colour: RAL 9003 > Transparent front panel: polycarbonate > Supplied pictograms: fire alarm > Dimensions (W x H x P): 360 x 150 x 70 mm - 14.17 x 5.9 x 2.75 in > Certification in compliance with EN54 part 3: DoP 0051-CPR-0446

Actuators and accessories

ACOUSTIC AND SOUND SIGNALLING DEVICES

1043/253

EN54 PART 3 AND 23 ADDRESSED OPTICAL ACOUSTIC PANEL
The panel is a signalling optical fire alarm device, compatible with all Urmet's fire detection control units.
> Device suitable for installation on surface
> Power supply: 24 Vdc
> Absorption: 130 mA
> Sound power at 1 m: 70dB
> Continuous or pulsing sound (1 Hz)
> Flasher: selection between 0.2s ON–1.1s OFF
> Protection from power supply inversion
> 1.5 mm terminals
> Fuse for power supply line protection
> EN54 certified, part 3 and part 23.

1043/254

EN54 PART 3 ADDRESSED OPTICAL ACOUSTIC PANEL
The panel is a sound and optical fire alarm device. It is compatible with the control units of digital line of series 500 (Item no. 1043/550/560/570), it can be directly connected on loop and does not require external power sources. Takes an address.
> Operating voltage: 20Vdc (-15%, +10%) modulated – detection line
> Absorption at rest: 250 microA @20Vdc
> Alarm absorption: 2.5 mA @20Vdc
> Sound power from 1 m: 78 dB
> Integrated insulating module
> Selectable acoustic tones
> Selectable acoustic emission volume
> Configuration from control unit or through dip-switch
> Dimensions (W x H x D): 360 x 150 x 70 mm - 14.17 x 5.9 x 2.75 in
> Certification in compliance with EN54 part 3: 0051-CPR-0470

1043/512

ADDRESSED BASE ON LOOP WITH SOUNDER AND INTEGRATED FLASHER
The device consists of a base with sounder and integrated flasher. It can be used both with as independent actuator device or with a digital line detector of the 500 series (item no. 1043/501/502 /503 /504). If connected to an addressed control unit, the base connects directly to the loop (does not require any external power supply) and takes an address. The base 1043/512 is equipped with high sound pressure sounder and a powerful LED flasher. As for all Urmet digital devices, it is equipped with an integrated insulating module. Visual and acoustic synchronisation with other bases installed on the same detection line is implemented in the base.
> Operating voltage: 20Vdc (-15%, +10%) modulated – detection line
> Absorption at rest: 250 microA @20Vdc
> Alarm absorption: 2.5 mA @20Vdc
> Sound power from 1 m: 78 dB
> Integrated insulating module
> Selectable acoustic tones
> Selectable acoustic emission volume
> Cover supplied with the product
> Configuration from control unit or through dip-switch
> Protection class: IP21C
> Max. number of bases in alarm per line: 20 on a base of 64 Ohm (the number varies according to the cable resistance)
> Dimensions: Ø 114 mm - 4.48 in
> Certification in compliance with EN54 part 3: DoP number 1293-CPR-0535

REFERENCES

OPTICAL REPEATERS

1043/135

OUDOOR OPTICAL REPEATER WITH BUZZER
Outdoor optical repeater with attractive design, suitable to connect a digital detector of 500 series to the base 1043/510 (power supply directly provided from the loop) and a conventional detector of 400 series to the base 1043/511 (power supply provided from auxiliary power unit).
> Power supply: 11– 24Vdc
> Absorption: 11 mA
> Clamp connection: Yes
> Protection class: IP40
> Visual signal: 2 high-efficiency red LEDs
> Operating temperature: -10°C - +55°C
> Steady/flashing light: selectable
> Material: ABS class V0
> Protection class: IP40
> Weight: 30 g
> Dimensions (W x H x D): 65 x 60 x 23 mm - 2.55 x 2.36 x 0.9 in

OUTDOOR SOUNDER

1043/256

OUTDOOR SELF-POWERED SOUNDER
> Sound inhibition at first supply
> Rated power supply voltage: 24 Vdc
> Minimum operating voltage: 18 Vdc
> Minimum operating voltage: 30 Vdc
> Absorption at rest: 24 mA (typical)
> Max. battery charge absorption: 650 mA
> Alarm absorption: 1A at rated voltage
> Incandescent lamp power: 10W
> Certified casing protection degree (CEI 70.1): IP33
> Casing protection degree declared by the manufacturer: IP43
> Degree of mechanical resistance IK (CEI 70.3 standards): IK08
> Operating frequency: 2400÷2800 Hz
> Allocable battery: 12V 1.9Ah, 12V 2Ah, 12V 2.1Ah
> Certified operating temperature: -25°C ÷ +70°C
> Range of line end check R relay: 6A@24 Vdc
> Dimensions (W x H x D): 254 x 314 x 108 mm - 10 x 12.36 x 4.25 in
> Certification in compliance with EN54 part 3: Number: 0051-CPD-0385

INDOOR SOUNDER

1043/041

ELECTRONIC BELL
Easy-to-install medium-size fire alarm bell, offering high sound quality and low current consumption.
> Absorption: 24 Vdc /25 mA
> Hood: steel
> Body: thermoplastic
> Weight: 150 g
> Dimensions (Ø x D) 50 x 60 mm - 1.96 x 2.36 in

Actuators and accessories
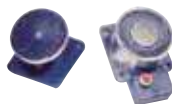
ADDITIONAL POWER UNITS

1043/191	ADDITIONAL 24V@2.5A PERIPHERAL POWER UNIT > Power supply: 230Vca > Output current: 1.8 A (load) 0,7A (battery) > Allocable batteries: two 12V@7A batteries, art. 1033/606 > Certification in compliance with EN54 part 4: Certification number: 1293 – CPD - 0061
1043/192	ADDITIONAL 24V@4A PERIPHERAL POWER UNIT > Power supply: 230Vca > Output current: 3.3 A (load) 0,7A (battery) > Allocable batteries: two 12V@15A batteries, art. 1033/602 > Certification in compliance with EN54 part 4: Certification number: 1293 – CPD - 0061

POWER SUPPLY MAIN FEATURES

> Load output voltage	27,9 Vcc ± 1%
> Battery output voltage	27,6 Vcc ± 0,5%
> LED info display	LED
> Battery status check	YES
> Protection against short circuit	YES
> Charge voltage according to temperature	YES
> Operating temperature	- 5°C + 40°C
> Dimensions (W x H x D)	435 x 320 x 90 mm 17.12 x 12.59 x 3.54 in

ELECTROMAGNETIC STOPS

1043/083	ELECTROMAGNETIC STOP WITH RELEASE BUTTON FOR 50 KG DOORS Steel electromagnet designed to keep fire doors open and automatically release them in case of fire. Supplied complete with counter-plates in thermoplastic material. Equipped with release button.
1043/084	ELECTROMAGNETIC STOP WITH RELEASE BUTTON FOR 100 KG DOORS Steel electromagnet designed to keep fire doors open and automatically release them in case of fire. Supplied complete with counter-plates in thermoplastic material. Equipped with release button.

MAIN FEATURES

	1043/083	1043/084
> Supply voltage	24 Vcc	
> Absorption	60 mA	100 mA
> Material	nickel-plated steel	
> Weight	650 g	
> Dimensions (W x H x D)	65 x 65 x30 mm - 2.55 x 2.55 x 1.18 in	

2020 GENERAL CATALOGUE   **urmet**

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VARIOUS ACCESSORIES

1043/058	**24V/12V INTERFACE** The interface allows connecting alarm devices, such as sequence switches or outdoor sounders operating at 12V, to a fire alarm control unit using a voltage of 24V. The module, designed to be interfaced with Urmet's fire alarm system control units, also allows controlling the control line of the equipment connected to it.
1043/093	**RELAY MODULE** 24V@5A relay with double exchange
1043/109	**DUCT BOX** Container in thermoplastic material equipped with two PVC probes for smoke suction.

Video surveillance

High-definition video surveillance systems

All the advantages of a complete and modular solution, which can constantly be updated and integrated with the evolution of system requirements.

All video management solutions include local and remote operation, with interchange between systems.

Residential

Products and solutions that are easy to install, simple to use and able to combine convenience with professionalism.

Retail

A wide selection of devices that allows the complete realization of systems suitable for the retail segment, small offices and tertiary.

Large systems

Digital products and solutions, dedicated to large system architectures, such as large shopping centers, stadiums, museums and city videocontrol.

A wide and professional range

AHD range

AHD means **Analogue High Definition** and identifies a technology based on **high-definition video transmission through coaxial cable**.
The **AHD Urmet range** is **suitable for all applications**; there's just one software platform and app for management and supervision; the range also includes Hybrid DVR to manage analogue video and AHD streams at the same time through the network.

The **Urmet range** is wide and it includes camera units, with manual and motorised lens, and HVRs. it is suitable for revamping old systems. the P2P and DDNS functions makes the configuration easy for the installer.
AHD technology is **suitable for small and medium systems**. HVRs always include 1TB HD and are compatible also with all IP Urmet cameras

IP range

A **wide range of products** that can be **constantly updated and integrated** as the system's use requirements change. A wide choice of devices **ideal for building systems with a medium or high level of complexity (residential or tertiary)**: cameras with 1080P resolution and 5M pixels dual codec H.264/H.265 and NVR with 4K resolution and 2TB HD included.
All video management solutions allow both **local and remote management**, with interchange between different systems. Installation is quick and easy: the entire system is wired using a UTP cable, and the existing network infrastructure can be used.
The IP technology presents the great advantage of ensuring **superior image quality**, **ideal for any common residential installation and also for high-risk or sensitive areas**.
An IP system has the great advantage of being scalable and expandable in size and devices at any time. If new security needs arise, new cameras and new recording and storage devices can be added. The system **does not need additional cables** but can be connected to the nearest network node.

Urmet Video surveillance: the value of experience

Market knowledge, attention to the customer, constant technological updating: Urmet brings all the strength and experience of a group into play to offer you a complete range in which the products are integrated, to build real solutions dedicated to individuals application needs.

Choose the products and solutions most suitable for your needs

Download our professional CCTV catalogue

Video surveillance apps

A range of apps for the end user to get the
maximum performance from video surveillance systems

iUVS plus
Professional
management

iUVS pro
Professional
management and
advanced functions

NEW

V-Stream
Smart WiFi
cameras
management

Urmet Secure
Integrated management
of intrusion detection
and CCTV

AVAILABLE FOR   GET IT ON Google Play   Download on the App Store

Security kits

IP Wi-Fi
video surveillance kit

Everything you need to create a base system

A kit suitable for all applications: **Wi-Fi 4-channel NVR** and
a **4 mm lens Wi-Fi bullet camera**.

CCTV KIT

1090/800	**CCTV KIT WITH WI-FI 4-CHANNEL NVR** no. 1 Wi-Fi double antenna 4-channel NVR no. 2 1099/205 Wi-Fi 1080P bullet camera with 4 mm fixed lens no . 2 1092/801 Power supply 230 Vca 12 Vcc – 1.200 mA	
1099/205	**WI-FI 1080P BULLET CAMERA WITH 4 MM FIXED LENS** > Sensor: 1/2.7" Progressive 2M CMOS > Codec: H.264 > Min. Lighting: Colour 1 lux @ F2.0; IR ON > Lens: 4 mm H.FOV: 102° > Directly compatible with UVS > Main Stream Resolution: 1080P(1920x1080)@1~15 fps Sub Stream resolution: QVGA(640x360)@1~15 fps > 3D DNR - BLC > Network interface: RJ45 10M / 100M Ethernet Interface	

IUVS PLUS
iUVS plus is the Urmet video surveillance free app, available for iOS and Android systems, smartphones and tablets, **compatible with all Urmet devices**, both IPCam (Codec H265) and DVR/NVR/HVR (all codecs).

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1061 wired intrusion kit: free to choose

Urmet has developed an ideal anti-intrusion system for residential and small business applications

The **1061 system** is simple to use and powerful in performance. The system is certified EN50131. Dial on BUS line and can handle **4 freely associable areas**. It can be activated and managed through keyboards with code, electronic keys or proximity and even more easily with the APP. Arranged with a simple user interface and equipped with voice and digital communicators for the transmission of alarm information towards users and institutions of Supervision. It also handles advanced features such as anti-theft, rescue and technological alarm. Thanks to PC connectivity it can be programmed both locally and remotely. It's possible to query the status using **DTMF commands**.

THE APPLICATION ALLOWS YOU TO

> Acquire the control unit automatically or via QR code
> Associate CCTV devices with alarm system zones
> Activate, deactivate and split the system
> Display images after an alarm event has taken place
> Display information on the status of: alarms, zones (open/closed/excluded), tampering, fault, malfunction, activation/deactivation.
> Manage event push notifications
> Geolocation

URMET SECURE
The **new free APP** allows you **to control your alarm system** in a simple and user-friendly way via **smartphone or tablet.** It is possible to display the status of the system and activate or deactivate it totally or partially. **Not only intrusion alarm, but also video surveillance.**

GET IT ON Google Play · Download on the App Store

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1061 kit application diagram

Smartphone

Interface **1061/014**

Gsm telephone communicator **1061/458**

Control unit **1061/006A**

Voice synthesis card **1061/012**

PC

Modem

BCA telephone

Remote monitoring center

PSTN telephone communicator **1061/002**

I/F USB 2.0 **1061/003**

PC

Module for ambient listening and message playing **1061/013**

Led control keyboard **1061/025** (max 4)

Additional inserter **1061/334-335** (max 4)

Additional proximity reader **1061/434-435** (max 4)

1061/904 INTRUSION PLUS KIT
> no. 1 - 1061/006A 6-line multifunctional control unit
> no. 1 - 1061/334 Electronic key kit
> no. 1 - 1056/337 Adapters kit
> no. 5 - 1033/132 Double technology detectors
> no. 1 - 1033/702 Magnetic contact
> no. 1 - 1033/414 Outdoor self-powered sounder

1067 wired intrusion kit: advanced performances

The new 1067 system is a product with higher performance born from Urmet technological research

8 expandable inputs up to 32 with wide possibilities of partitions and configurations, access control and video surveillance. The control panel can be set up to carry out fire-fighting, anti-gas, anti-flood and home automation

services. Multimedia, programmable and manageable totally remotely, the system has great versatility of dialogue: it is in fact compatible with all carriers of communication (PSTN / GSM / GPRS).

THE APPLICATION ALLOWS YOU TO

> Display the status of the devices in the system
> Manage event push notifications
> Send e-mails with picture attachments
> Create scenarios associating YOKIS smart-home devices
> Consult the image history associated with the intrusion alarm before and after the alarm event has occurred.
> Activate, deactivate and split the system
> Display images after an alarm event has taken place
> Display information on the status of: alarms, zones (open/closed/excluded), tampering, fault, malfunction, activation/deactivation.

MY1067+
The **free APP** allows you **to control your alarm system** in a simple and user-friendly way via **smartphone or tablet**. It is possible to display the status of the system and activate or deactivate it totally or partially. **Not only intrusion alarm, but also video surveillance and home automation.**

1067 kit application diagram

Local/remote PC

USB key

MY **1067+**

Tablet

Smartphone

FAST PRO
Remote
management SW

Alarm reception in
voice DTMF user
management
(voice guide)

Numerical protocol
supervisory institutions

1051/201
Magnetic
contact

1051/101
Infrared
detector

1051/035
Remote control

1067/032A
Control unit

1067/020
wireless
expansion

1051/405
Outdoor
sounder

PSTN

USB

LAN/WAN/web

Router

Internet

X 8

Up to 8 wireless cameras

1067/026
Touch
keyboard

1067/435
Proximity reader

1067/335
Inserter

1067/022
LCD keyboard

1067/032A

1067/912 HOME BASIC KIT
> no. 1 - 1067/024 4-line expandable
  to 32 control unit
> no. 1 - 1067/022 LDC display
  command keyboard
> no. 3 - 1033/132 Double
  technology detectors
> no. 1 - 1033/414 Outdoor
  self-powered sounder

1067/916 INTRUSION PRO KIT
> no. 1 - 1067/032A Control unit
> no. 1 - 1067/022 Command keyboard

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Zeno intrusion kit: security at your fingertips

The new **Zeno intrusion system** is the ideal choice for all residential environments. Technology and minimalistic design are at the forefront of the concept of this new product Urmet brings to the market. No trace on the walls! Zeno is completely **bi-directional**, the devices communicate constantly with the control panel always verifying that the transmitted data is correct. Video verification and management via smartphone are among the most popular features with the user. The **MY ZENO app** is free and downloadable from the Google Play stores (for Android) and App store (for IOS).

THE APPLICATION ALLOWS YOU TO

> Activate, deactivate and split the system
> Display the status of the devices in the system
> Display the images of an alarm event or on request
> Exclude and/or restore single devices
> Display the event log
> Change passwords
> Change users' codes

MYZENO
The **new free APP** allows you to control your alarm system in a simple and user-friendly way via **smartphone or tablet**. It is possible to display the status of the system and activate or deactivate it totally or partially. **Not only intrusion alarm, but also video surveillance.**

Zeno application diagram

1051/035
Remote control

1051/405
Outdoor sounder

1051/019
Control unit

1051/105
Outdoor
detector

1051/201
Magnetic
contact

1051/104
Infrared detector
with camera

1051/203
Shutters
magnetic
contact

1051/201
Magnetic
contact

1051/101
Infrared
detector
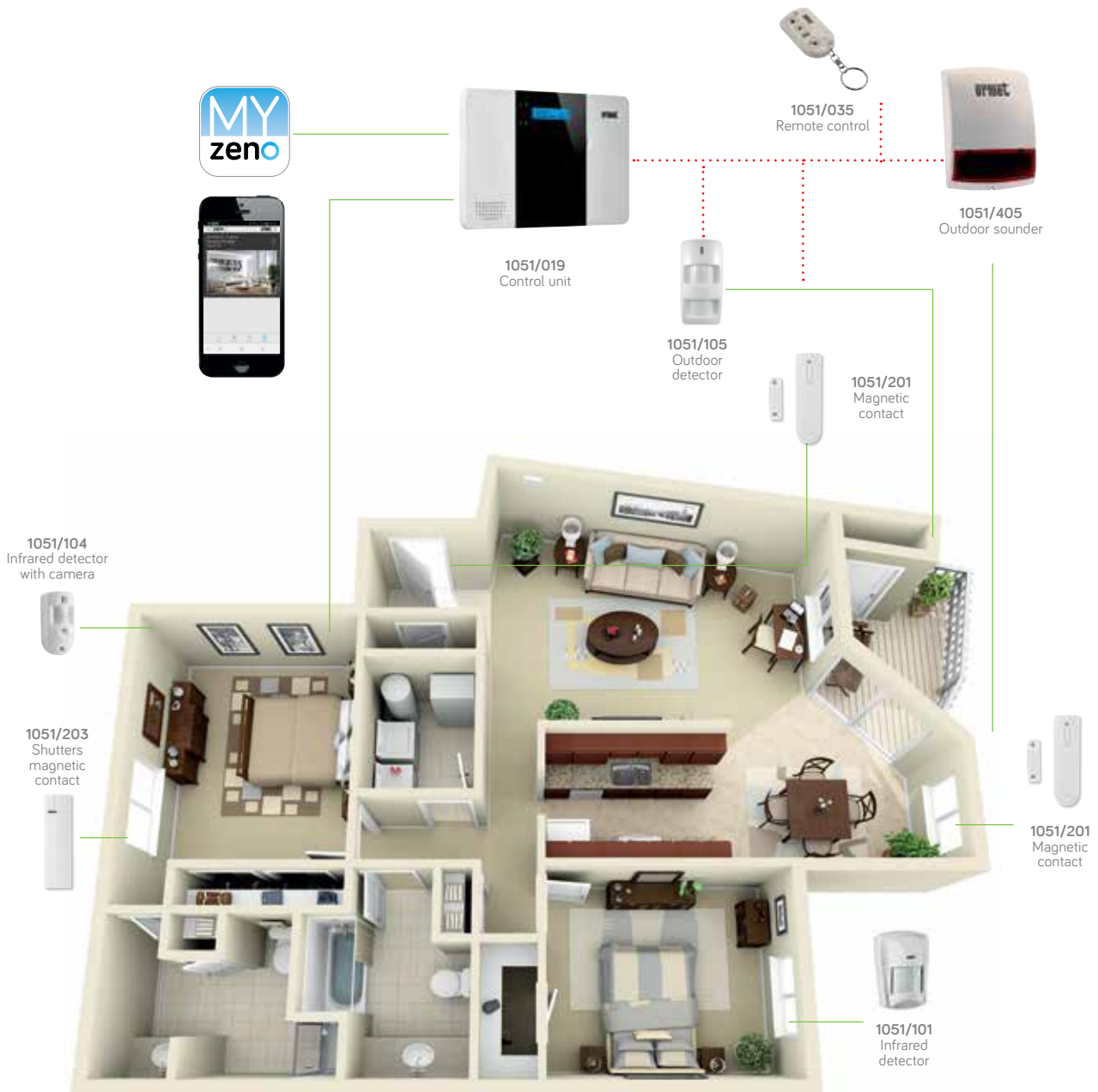
FEATURES

> EN50131 certification
> Double two-directional communication:
  RF 868 MHZ and ZIGBEE 2.4 GHZ
> Built-in 3G communicator
> Supervision
> Free management APP
> **Video verification**

1051/901
WIRELESS KIT WITH BUILT-IN 3G COMMUNICATOR
The kit includes:
> no. 1 - 1051/019 Control unit
> no. 1 - 1051/201 Magnetic contact
> no. 1 - 1051/101 Infrared detector
> no. 1 - 1051/035 Remote control

1059 wireless system kit

The 1059 alarm system is an efficient and flexible wireless solution for residential anti-intrusion protection. It manages up to 30 devices, offers plug-and-play configuration functions and is easy to install and program.
It features the free app MY1059 to control it with smartphone and tablet.

It is a system with integrated GPRS communicator and equipped with teach-in system. It allows the user to rename each device and send numerical protocols to security surveillance companies.

THE APPLICATION ALLOWS YOU TO

> Activate, deactivate and split the system
> Change users' codes
> Configure control unit parameters
> Set the telephone numbers for alarm notifications
> Manage push notifications and the system's basic information

Main features
> Teach-in system
> Management of 30 devices
> Built-in GPRS communicator
> Supervision
> Free App

MY1059
The application allows you to check your alarm system using your smartphone sending commands via SMS through a simple and intuitive interface. It is possible to activate and deactivate it and to program codes and configure alarms.

GET IT ON Google Play   Download on the App Store

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1059 application diagram

1059/035
Remote control

MY 1059

1059/019
Control unit

1059/101
Indoor passive
infrared detector

1059/101
Indoor passive
infrared detector

1059/203
Shutters
magnetic
contact

1059/203
Shutters
magnetic
contact

1059/101
Indoor passive
infrared detector

1059/105
Outdoor
double
infrared
detector

1059/201
Magnetic
contact

1059/405
Outdoor
sounder

1059/903 WIRELESS KIT WITH BUILT-IN GPRS
COMMUNICATOR
> no. 1 - 1059/012 Management control unit
> no. 1 - 1059/201 Magnetic contact
> no. 1 - 1059/101 Passive infrared detector
> no. 1 - 1059/045 Remote control

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For assistance and information about Urmet products and systems you can scan this QR code with your smartphone or visit **www.urmet.com >> Contacts >> Export Sales Network**

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