



GENERAL CATALOGUE  
2010-2011

VIDEO DOOR PHONE  
BUILDING AUTOMATION  
TELEPHONY  
ROOM CONTROL  
WIRELESS BURGLAR ALARM  
CCTV



URMET IS IN YOUR LIFE



# urmet

## IS IN YOUR LIFE

Urmet Domus S.p.A. products are designed, developed and made in compliance with **UNI EN ISO 9001:2000** standards. This prestigious international recognition qualifies all steps of all activities, confirming Urmet Domus as leader in the audio and video door phone system sectors and fully guarantees the quality and supplied services.



All Urmet Domus are CE marked.

2Voice, Ago, Aiko, Arco, Atlantico, Duo, Easyvoice, Elekta, Folio, Imago, IPervoice, Modo, Scaitel, Semplice, Signo, Sintesi, Smyle, Utopia, are Urmet Domus S.p.A. registered trademarks.

[www.urmetdomus.com](http://www.urmetdomus.com)  
[info@urmetdomus.it](mailto:info@urmetdomus.it)

# SERVICES

Urmec Domus:  
because  
our customer  
is the centre  
of our system



Customer service

## Commercial organisation

Timeliness is important:  
specialized Urmec Domus personnel  
is available to be contacted for advice  
and explanations in real time.



## Web and software Domus Draw

An automatic estimating system with a user-friendly  
interface for displaying and selecting system  
components and obtaining an estimate  
with a simple click. A handy, useful tool which  
is always up-to-date.



## Web and software [www.urmetdomus.com](http://www.urmetdomus.com)

The Urmet Domus address customers directly: installers, electrical material retailers, designers and architects will all find there own dedicated area, containing plenty of useful information for work.



## Manuals Technical manuals

Technical data, systems and installations: a collection of all the indispensable data you need for your work. A valid support for studying and gaining a deeper insight.

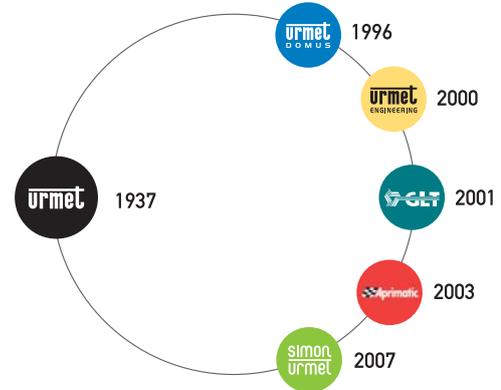


## Training Courses

New product presentation meetings, course on new systems and products: occasions for developing a direct contact with the customer and answering needs.

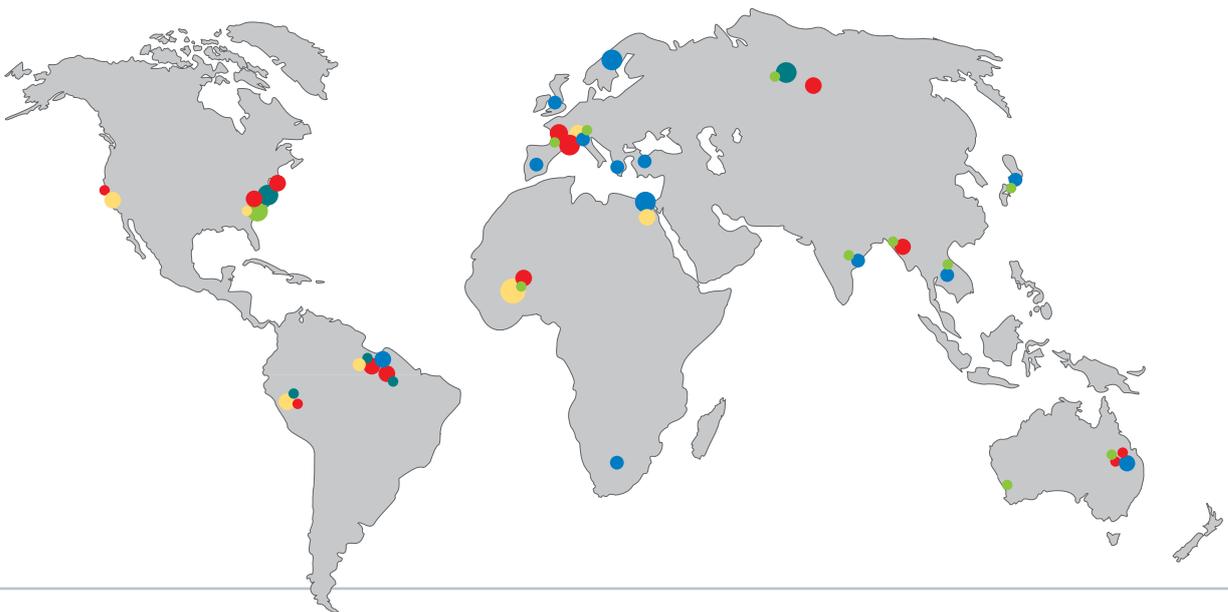
# THE GROUP

A Group with a capillary consolidated presence worldwide; a Group with skills in all building automation sectors and specialized brands, make Urmet the most reliable, complete solution for all building needs - from homes to shopping centres, airports, hotels and hospitals. A Group in constant contact with customers, thanks to a worldwide retail and service centre network.



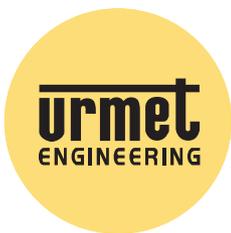
## Milestones

- 1937 U.R.M.E.T. (Utilizzazione e Recupero Materiale Elettro-Telefonico) was established in Turin
- 1958 URMET enters the residential and tertiary communication sector and starts the production of door phones
- 1967 URMET is one of the first in the world to design a video door phone system
- 1996 URMET splits the Video Door Phone branch and the new URMET Domus company is established
- 2000 The URMET Domus Group counts more than 50 subsidiaries and distributors worldwide
- 2005 The URMET Domus safety catalogue is completed with the addition of new professional, integrated anti-intrusion, fire alarm and CCTV systems
- 2007 Antonio Citterio designs the first Simon Urmet wiring system
- 2009 Style and design: URMET Domus launches the new video door phone range: Signo, Imago and Arco
- 2010 URMET Domus launches IPervoice, a UTP standard wiring system, TCP IP and 2Voice, the two non-polarised wire system





Established in 1996 as the video door phone division of **Urmet S.p.A.**, we are today acknowledged as leaders in the video door phone and telephone sector and major player on the building automation and security market. Our constant investments in technological research and customer management are making us able to offer integrated domotic and security products. We are based in Turin.



At **Urmet Engineering**, we have top-level specific competence in Research & Development, design, engineering, industrialisation and systematic integration of high-security products and technologies. We develop video surveillance systems, detection and tracking systems, digital video recording and anti-terrorism solutions. We are based in Turin.



**Simon and Urmet** have formed a joint venture and a new, major company. Our objective is to consolidate a strong presence on the Italian wiring market in time by investing on the creation of innovative, reliable, stylish products marketed by the Urmet Domus sales network. We are based in Turin.



**Aprimatic** is an international leader specialized in the production of automatic systems for gates, doors and windows. With a decade of experience in the domestic automation system and the sound backing of the Urmet Group, we are today the ideal interface for structuring building automation systems. We are based in Bologna.



Specialized in the hotel and hospital automation sector, **GLT** makes and sells automatic room control systems, room presence and access management systems, climate control systems and lighting systems.

**Building automation:**



**Domotic systems**

**Building communications:**



**Audio and video door phone systems**



**Switchboards**

**Climate and environment control:**



**Thermostat timers and gas systems**

**Access automation:**



**Access control**



**Opening systems**

**Wiring systems:**



**Devices and system for wiring installations**

**Security:**



**CCTV**



**Intrusion alarms**



**Fire alarms**

# HOME INTEGRATION



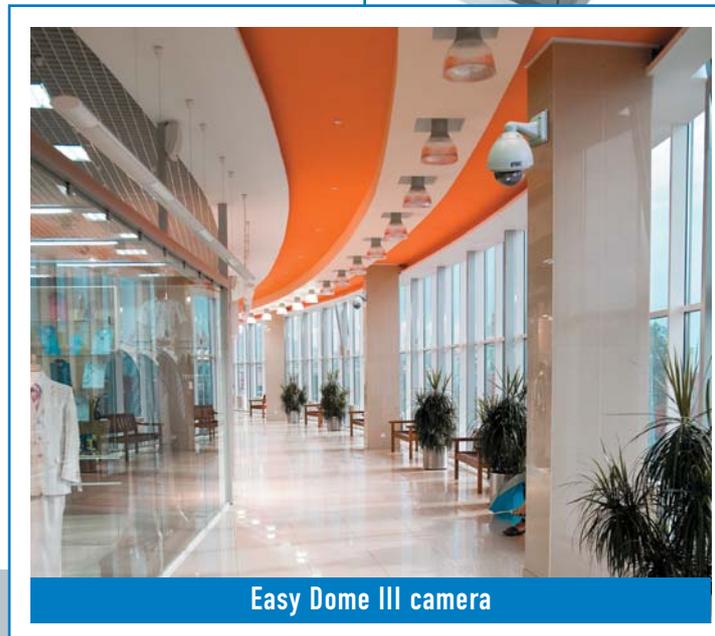
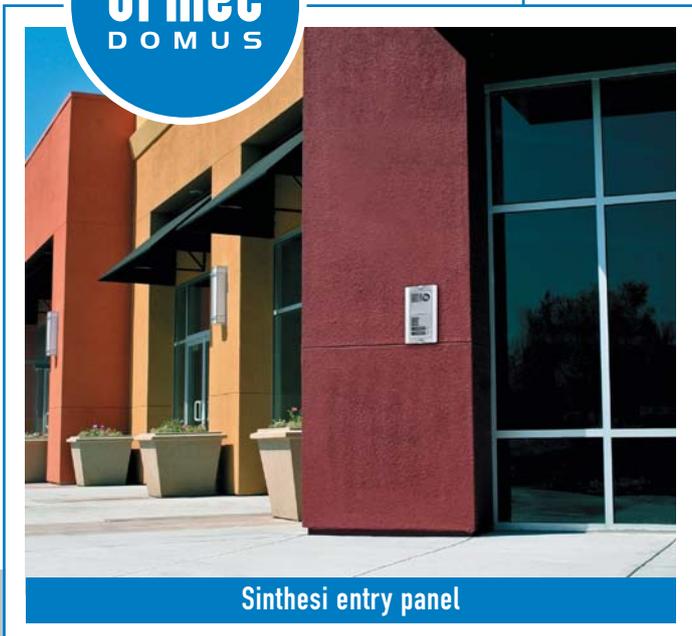
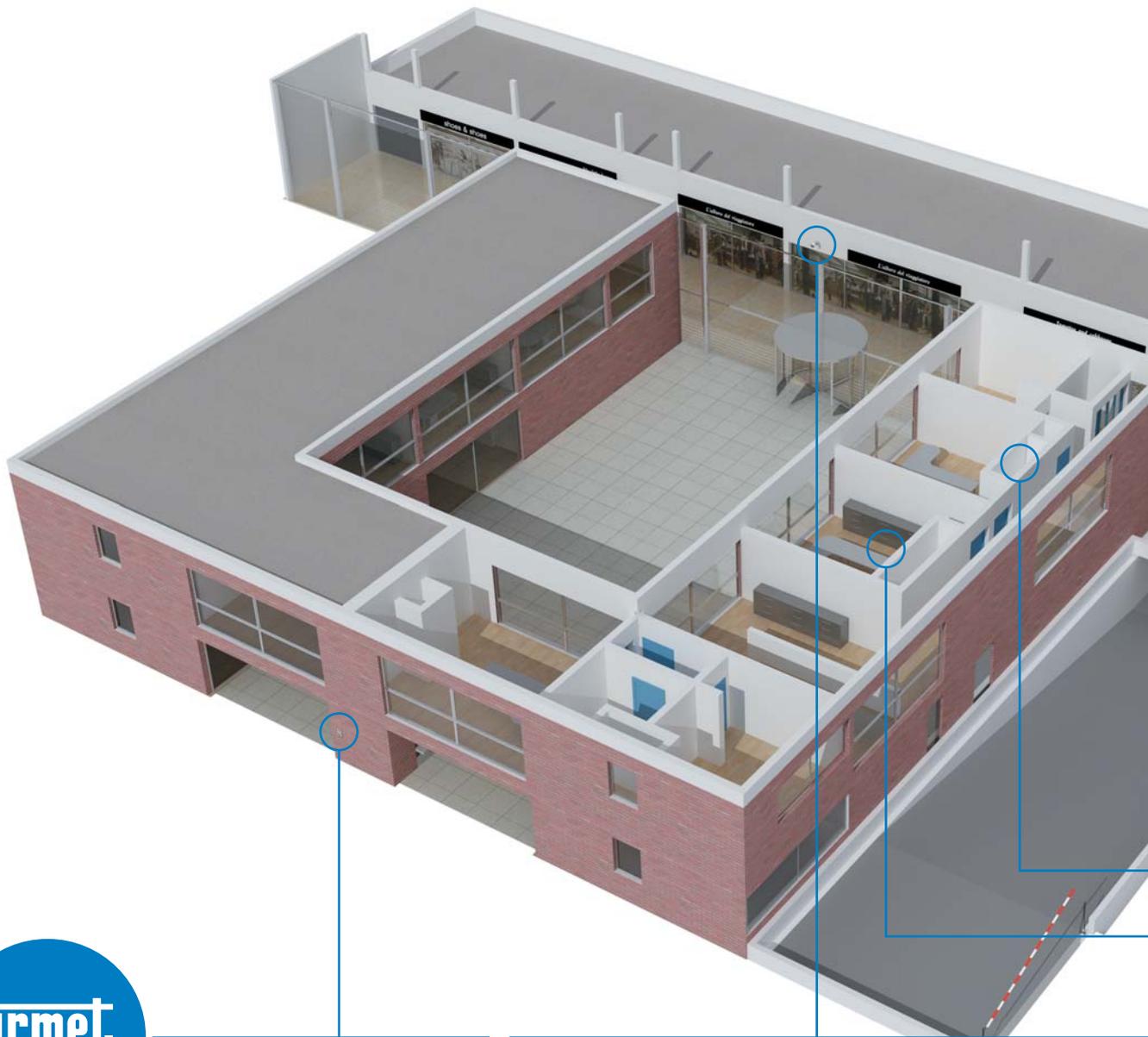
Sinthesi video door phone entry panel

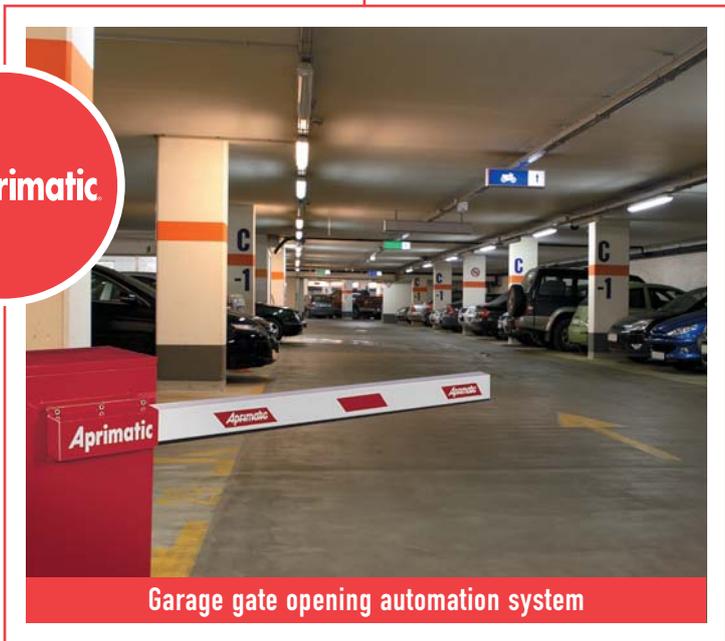


1061 intrusion alarm system

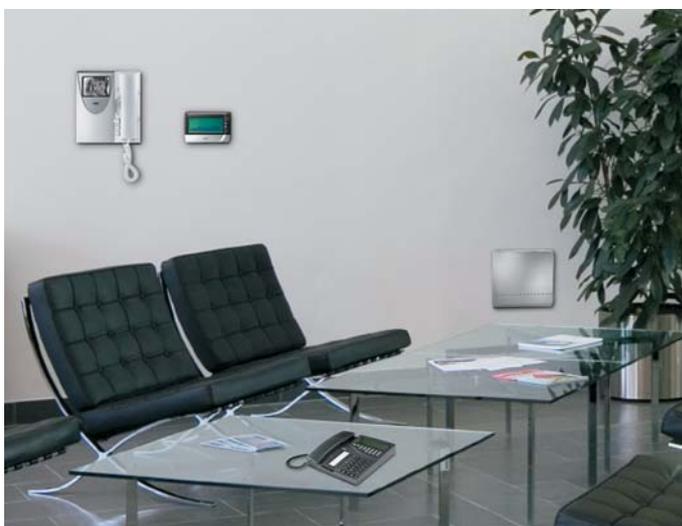


# TERTIARY INTEGRATION





Garage gate opening automation system

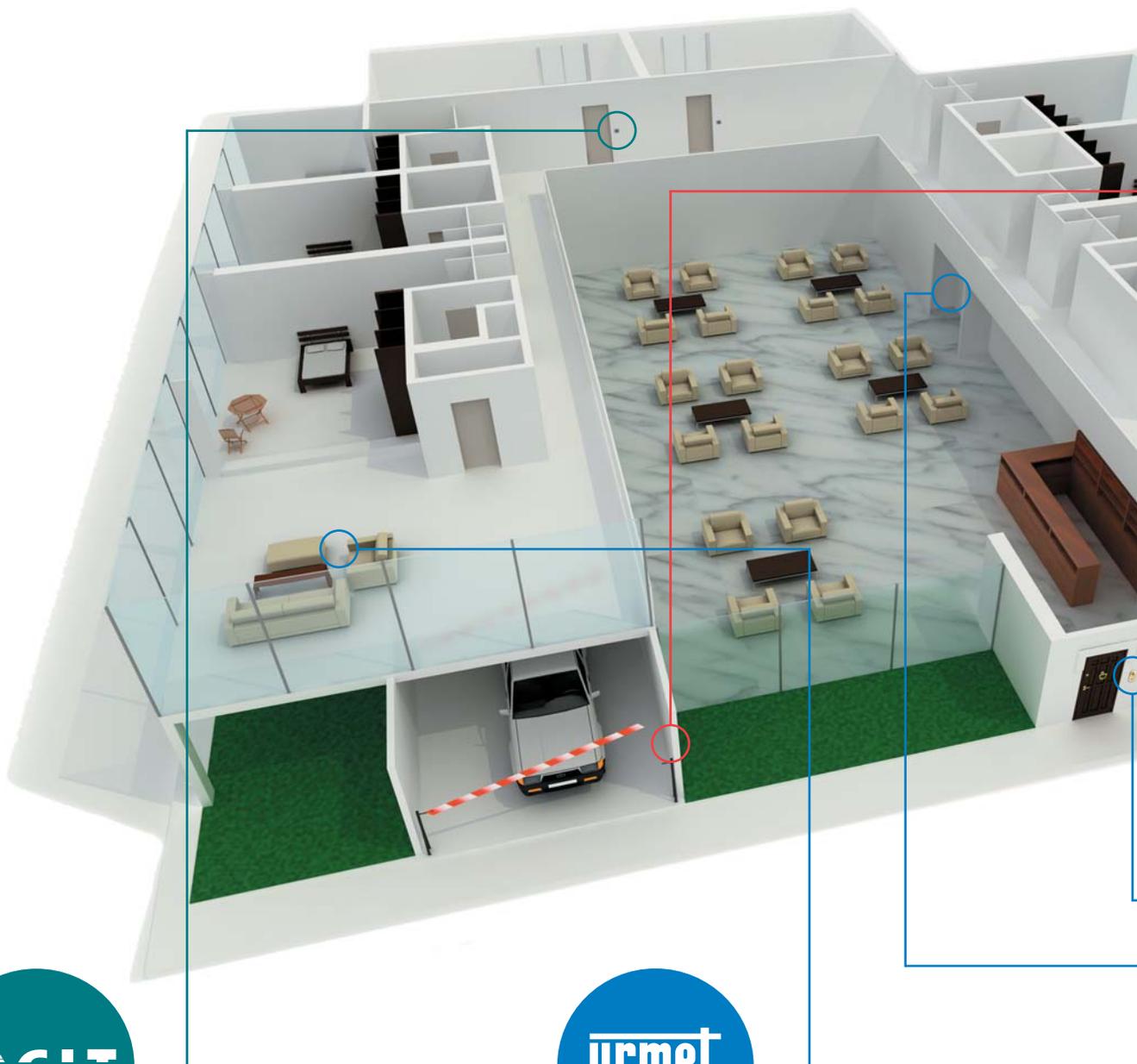


Arco video door phone, Agorà 6 switchboard with dedicated telephone, Klimat Zoom thermostat timer



1067 intrusion alarm system and 1043 fire alarm system

# HOTEL INTEGRATION



Perseo hotel automation system



Signo colour video door phone



1067 intrusion alarm system and 1043 fire alarm system



Exigo polished brass-plated entry panel and Thera mini speed-dome

## Versatility in a system 2Voice: everything, with only two wires

A new two-wire system, reliable and full of advantages for installers and users. Connections using only two wires **THROUGHOUT**, programming using dip switches and smartphone, live system maintenance: everything is designed to make the installer's work quick and easy. Idea for villas, block of flats and even large residential compounds because with 2Voice two-wire connections reach high numbers: up to 128 users per riser column, 32 risers with 4 main entrances, a total of 4096 users.

The advantages of advanced functions, such as free intercom configurations, video surveillance, one switchboard and much more, are for everyone. Making new systems and implementing a modern touch in restorations is easier with 2Voice because the existing wires can be used. No replacements are needed.



Two wires throughout  
Advantages always



For villas: standard equipment intercom and video surveillance.



For blocks of flats and residential compounds: 4096 users with only two wires.



For modernisations: the performance of 2Voice without replacing the wires.

## Image according to Urmet. The touch innovation

Aiko, Modo, Folio, Elekta: four new products, four shapes that interpret the soft-touch technology (Aiko, Folio and Elekta) and fit a touch screen (Modo). Streamline design puts the accent on quality materials and highlights style to provide top-notch performance in minimum dimensions.



**ELEKTA**  
mod. 1039/13



**MODO 7"**  
mod. 1717

**FOLIO 3,5"**  
mod. 1706



Coordinated  
with Simon Urmet  
Nea Kàdra  
wiring systems



**AIKO 4,3"**  
mod. 1716  
Wall-mounted or flushed,  
with dedicated frame and box.

## Design in online

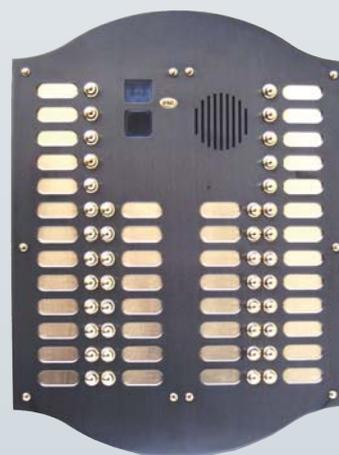
The new Egeo video door phone and telephone: ergonomic shape, adjustable screen, for communications that combine style and functionality.



EGEO  
mod. 4099/45

## Customisation is the key

The customisation possibilities of Exigo, the brass-plated entry panel with a classy, elegant style, are boosted. With the new Exigo Special Series, Urmet is offering made-to-measure solutions, configurable on demand, with the quality and robustness has always been a feature of the range.



EXIGO SPECIAL

## Professional safety

Urmet CCTV is ahead of market needs offering *up-to-date* solutions capable of combining cost-effectiveness and professionalism. Results are the new Smart Line and Pro Line ranges of flexible products for diverse application contexts and the new DVR Hybrid series, for creating modular systems combining conventional and IP technology. Not to mention megapixel cameras and advanced control software. The portfolio includes anti-intrusion systems, new products and practical solutions, such as the 1067 system for top-level residential needs and tertiary applications. The Ago kit contains all the advantages and security of a two-way wireless anti-intrusion system in a handy box.



**AGO KIT**  
mod. 1057/903



**THERA 5**  
mod. 1092/602



**MEGAPIXEL  
CAMERA**  
mod. 1093/181M11

# THE URMET DOMUS PORTFOLIO

A complete catalogue at the service of buildings

## The systems

Comprehensive solutions for digitalised systems:

- 2Voice
- IPervice
- Bibus VOP
- Digivoice
- **Traditional systems:** coax video door phone systems, 5 wires, 4+n and 1+n

## Products and ranges

- **Loudspeaking units:** entry panels
- **Apartment stations:** a full range audio and video door phone systems
- **All in a pack:** villa kits and expandable kits
- **Communications and switchboards:** telephony
- **Environment control:** thermostats, thermostat timer and gas and methane detectors

## Security

A portfolio for all security needs: at home, at the office, for the tertiary sector and for public areas.

The Urmet Domus catalogue contains many new solutions:

- CCTV
- Wired intrusion alarms
- Wireless intrusion alarms
- Fire alarms



 Product shown in photographs in the grey band by the side of the page.

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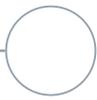
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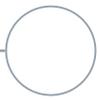
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# SYSTEM GUIDE

## SYSTEMS WITH A LOW NUMBER OF WIRES

### IPvoice page 18

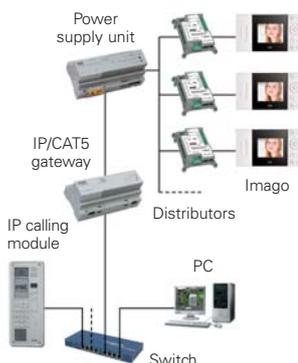
#### Advantages and applications:

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.



### 2Voice page 28

**new**

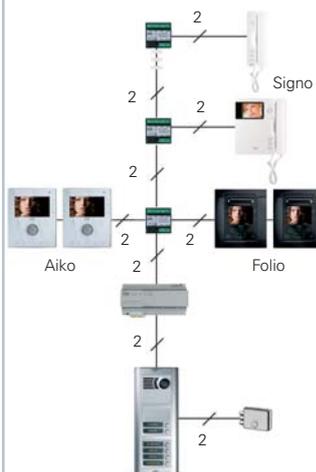
#### Advantages and applications:

Two non-polarised wires THROUGHOUT for quick and easy installation.

Ideal for villas and large residential complexes alike:

4 main entrances, 32 risers, 128 users per riser column for a total of 4096 users.

Free intercom function with four monitors in parallel, integral video surveillance, second entrance management.

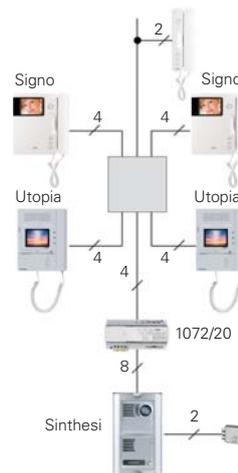


### Bibus VOP page 38

#### Advantages and applications:

VOP technology for creating door phone systems with up to 250 users, 12 calling stations and distances of up to 600 metres between calling station and apartment station.

Easy creation of mixed audio and video door phone systems.



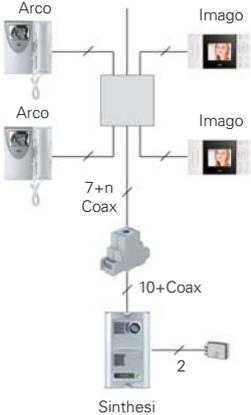
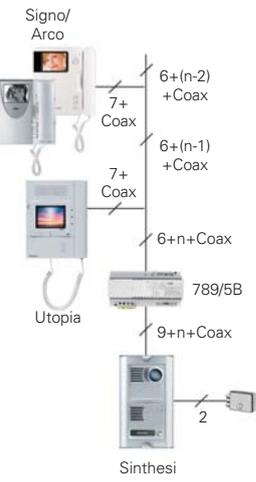
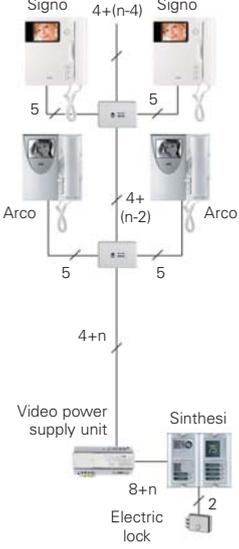
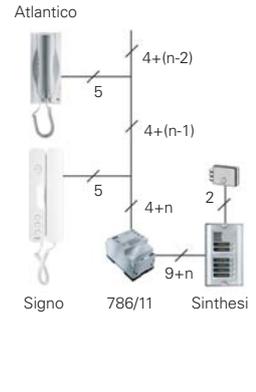
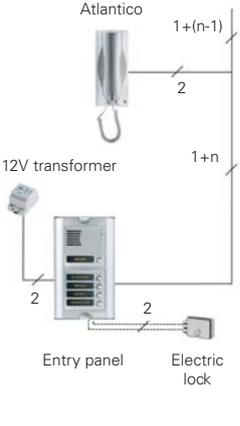
## COMPARISON TABLE

	IPvoice	2Voice	Bibus VOP
No. of users	No limit	4096	256
Distance between call module and apartment station	No limit	600 m	600 m
Mixed audio/video	●	●	●
Conversation privacy	●	●	—
Intercom function	●	●	●
Main/secondary doors	No limit	4 main + 64 secondary	12 o 2 +10 sec.
Access control integration	●	●	●
Connection options Scaitel telephone switchboard	● (future)	—	●
Compatibility with video surveillance system	●	●	—
Technological alarm compatibility	●	—	—
Switchboard	● (No limit)	● (1)	● (1)
Use of existing wiring	—	●	●
Wire	1039/90 (not mandatory)	1083/90 (not mandatory)	1074/90 (not mandatory)
Kit	—	1783 series	—

## APPLICATIONS

Application	IPvoice	2Voice	Bibus VOP
Small systems	—	●	—
Medium systems	●	●	●
Large systems	●	●	● (with limits)

● Yes.

	ANALOGICAL VIDEO SYSTEMS		ANALOGICAL AUDIO SYSTEMS	
Digivoice page 44	Coax page 50	5-wire page 50	4+n page 50	1+n page 50
<p><b>Advantages and applications:</b></p> <p>Only five wires to create systems for serving building compounds with over 3000 users and distanced between calling station and apartment station of up to 3500 metres.</p> <p>Up to 5 concierge switchboards.</p> <p>Two conversations at the same time from two main stations.</p> 	<p><b>Advantages and applications:</b></p> <p>Large distances between camera and monitors.</p> <p>4+n door phone with electronic call are used.</p> <p>Very high number of configurations with b/w and colour video door phones.</p> 	<p><b>Advantages and applications:</b></p> <p>Derived from the 1+n audio system for transforming 4+n audio system into video systems without adding a coaxial cable.</p> 	<p><b>Advantages and applications:</b></p> <p>Traditional and electronic call door phone are used.</p> <p>Systems with intercom service and conversation privacy function to door unit and systems with several automatically switching entrances can be made.</p> 	<p><b>Advantages and applications:</b></p> <p>Ideal for transforming a typical door bell system into complete door phone system without needing to add wires to the riser column.</p> <p>Conversation privacy guaranteed between apartments.</p> 
3200	20	20	20	20
3500 m	300 m	200 m	300 m	200 m
●	●	●	—	—
●	—	●	—	●
●	●	—	●	—
999	4 main or 1 main + No. secondary	4 main	4 main or 1 main + No. secondary	4 main
●	●	●	●	●
●	●	●	●	●
●	—	—	—	—
—	—	—	—	—
● (5)	—	—	—	—
—	●	●	●	●
—	Coax Rg59	—	—	—
—	1715 series	1715 series	1133 series	—
—	●	●	●	●
●	●	●	●	●
●	—	—	—	—

# COMPATIBILITY TABLE

## APARTMENT STATIONS

		SYSTEMS WITH A LOW NUMBER OF WIRES			
		IPvoice	2Voice	Bibus VOP	Digivoice
MODO mod. 1717		•	–	–	–
AIKO mod. 1716		–	•	–	–
FOLIO mod. 1706		•	•	–	–
IMAGO mod. 1707		•	–	–	•
SIGNO mod. 1740-1140		•	•	•	–
UTOPIA mod. 1703		–	–	•	•
UTOPIA viva-voce mod. 1703		–	–	•	•
ARCO mod. 1715		–	–	•	•
ATLANTICO mod. 1133		–	•	•	•
MOD. 1130		–	–	–	–

	ANALOGICAL VIDEO SYSTEMS		ANALOGICAL AUDIO SYSTEMS	
	Coax	5 Wires	4+n	1+n
	-	-	-	-
	-	-	-	-
	-	-	-	-
	•	-	-	-
	•	•	•	-
	•	•	-	-
	•	-	-	-
	•	•	-	-
	•*	•*	•	•
	-	-	•	-

\* May be used as additional door phone.

# COMPATIBILITY TABLE

## ENTRY PANELS

		SYSTEMS WITH A LOW NUMBER OF WIRES			
		IPvoice	2Voice	Bibus VOP	Digivoice
EXIGO mod. 1121-1721 1143-1743		-	•	•	•
SINTHESI mod. 1145-1745		•	•	•	•
K-STEEL mod. 1155-1755		-	-	•	•
MOD. 725		-	-	•	•
ELEKTA STEEL mod. 1039/14		•	-	-	-
ELEKTA mod. 1039/13		-	•	-	-

	ANALOGICAL VIDEO SYSTEMS		ANALOGICAL AUDIO SYSTEMS	
	Coax	5 Wires	4+n	1+n
	•	•	•	•
	•	•	•	•
	•	•	•	•
	•	•	•	•
	-	-	-	-
	-	-	-	-



# IPer voice

## new



Advice for use:

**Large residential compounds  
with a high level of users**

- No limit to the number of users, riser columns, switchboards and conversations
- Optical-fibre-ready
- Integration with access control systems, switchboards, anti-intrusion systems, video surveillance and intercom systems
- Self-diagnostic system for checking system state
- Elekta dedicated entry panels: state-of-the-art communication functions and two variants: vandal-proof and soft-touch

IPervoice is the first digital, all-CAT5 system, with IP-compatible external wiring and dedicated riser protocol.

With unlimited extension and number of riser columns, IPervoice is the ideal system for simplifying installation in residential compounds with a high number of users. Needs may also extremely varied in such large systems, and IPervoice has all the answers. Extremely versatile, it manages integrated access control, technological systems (CCTV, intrusion alarms, fire alarms) and many other functions, all from the video door phone system. IPervoice: Urmet research and innovation brings you a solution just waiting to be discovered. IPervoice CAT5 wiring means that a single cable is used for the entire backbone. By exploiting IP technology, several audio and video communications can be established at the same time.

### COMPATIBILITY TABLE: STYLE

Multifunctional call module Elekta Steel and Elekta	Modo	Imago	Folio	Signo

Refer to the pages describing the various single products for technical details on the apartment station styles and on the entry panels which can be used in the system.



New features:

**New soft-touch entry panel with TFT 3.5" colour display for versatile, innovative, high-performing communication**

**Fundamental or recommended elements**

Outdoor IP wire 1039/90 • Gateway IP/CAT5 1039/50  
IP system server 1039/1, 4 doors switches + 2 doors with 1039/45 power supply unit

**Distance between entry panel and video door phone**

Unlimited by using optical fibre

**The numbers of the system**

- Distance up to 900 metres from each building riser
- 1080 users in each building
- Up to 16 intercom devices in each apartment
- No limit to riser columns
- No limit to the number of switchboards
- No limit to the number of users
- No limit to the number of conversations at the same time
- No extension limit



New features:

**The new touch-screen monitor conquers images: 7" colour display**



New features:

**Can be combined with the new Signo anthracite and platinum monitors using an IPervice dedicated bracket.**

## VERY WIDE EXTENSION

IPervoice: single type of wiring for residential compounds with many buildings (each of which with its one garage door and pedestrian entrance), several concierge desks, common guarded areas with which audio/video communications can be established (garage, park, pool).



### Optical-fibre-ready

Optical fibre can be used for special situations (distance higher than 100 metres or passage in conduits with power cables) in the IPervoice system: this make system extension virtually unlimited.

### Self-diagnostic functions

IPervoice constantly monitors the state of all system peripherals: the switchboard is immediately signalled in case of faults. The signals can be sent to a remote destination, for calling - for example - assistance and providing a more effective, punctual service.



**Access control with evolved functions**



**Lift monitor**



**Intrusion alarm**



**Video surveillance**



**Switchboard and IP stations**



**Self-diagnostic functions**



**Once key for all functions**

### Access control

The system integrates access control with event memory for monitoring all movements at all entrances.

### Switchboards

With IPervoice the concierge desk is turned into a service centre connected to all the buildings and apartments.

### Intrusion alarm

The intrusion alarm of each apartment interfaces with the system for better monitoring and continuous surveillance of the concierge.

### Video surveillance

No limit of installable cameras, which can be monitored at all times from each apartment to supervise safety of the compound.

### Intercom function

Top quality communications inside and outside the apartment:  
 - up to 16 devices in each apartment, constantly interfacing, without using the riser column  
 - possibility of communicating with all other users in the system and with the various manned stations in common areas.

### Video door phone mailbox

Each user can exploit the audio/video mailbox containing messages left by visitors when they were away.

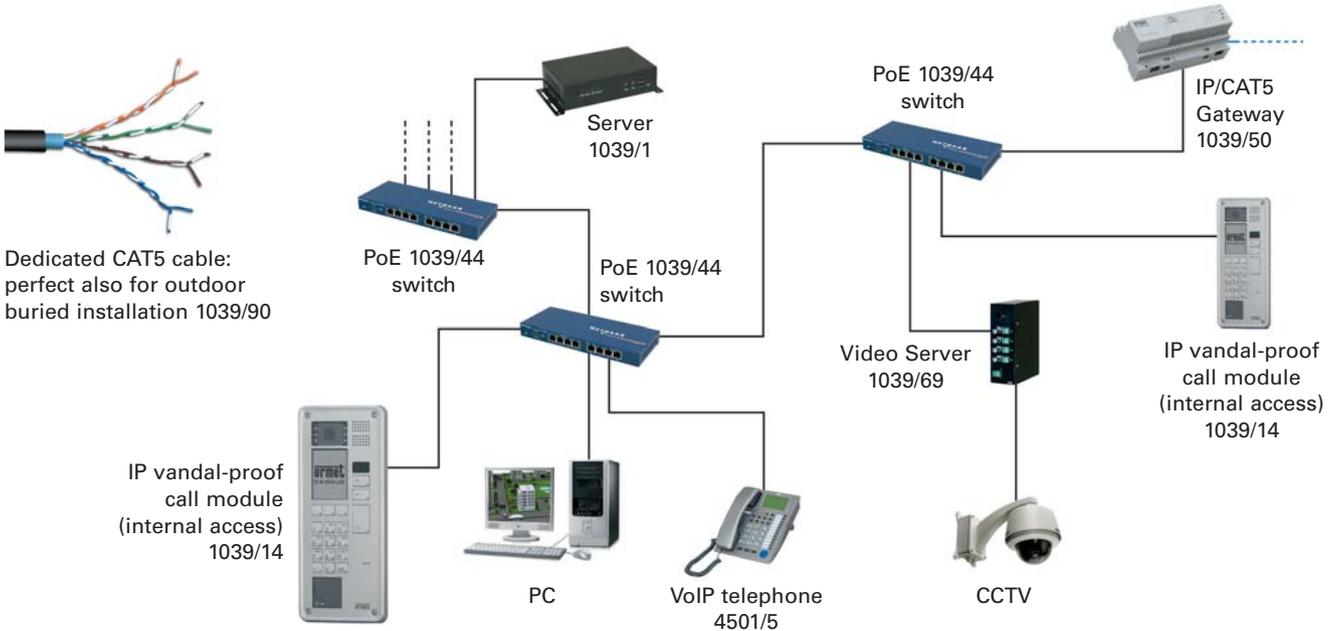


# EXTERNAL WIRING

## Simplified installation

One wire for the entire system, the practicality of PoE switches for distribution, and IP technology: these elements allow installers to supply a very high-tech product to their customers, ensuring easy installation and optimised installation times and costs.

The extreme linearity and simplicity of the Ethernet wiring allow to satisfy all possible installation requests, turning the residential compound into a totally communicating area favouring function interoperability.



# PC SWITCHBOARD AND VOIP TELEPHONE

## From concierge to control centre

Ensuring supervision in contact with users and the system is key in large-sized residential compounds. The switchboard in an IPvoice system can receive all system information: the PC can be used to monitor functions (including video surveillance) and to receive system state indications. Furthermore, the switchboard may be associated to a group of users or to all users: communication with users and apartments is constant and mobile, with the possibility of transferring calls to a cordless handset or a Bluetooth device.

In addition to calls, the switchboard can receive alarms from apartments (intrusion alarms, panic alarms, etc.) and be turned into a state-of-the-art safety tool. Furthermore, the switchboard may use a VoIP telephone for calling and being called by everyone, activate typical switchboard operations (such as opening the door) and combining all traditional telephone functions at the same time.



# INTERNAL WIRING

## A dedicated, high-performance protocol

At the bottom of each building/staircase, a gateway translates IP language into a protocol capable of connecting up to 1080 users at a distance which can reach 900 metres. All floor distributors allow to carry signals towards apartments.

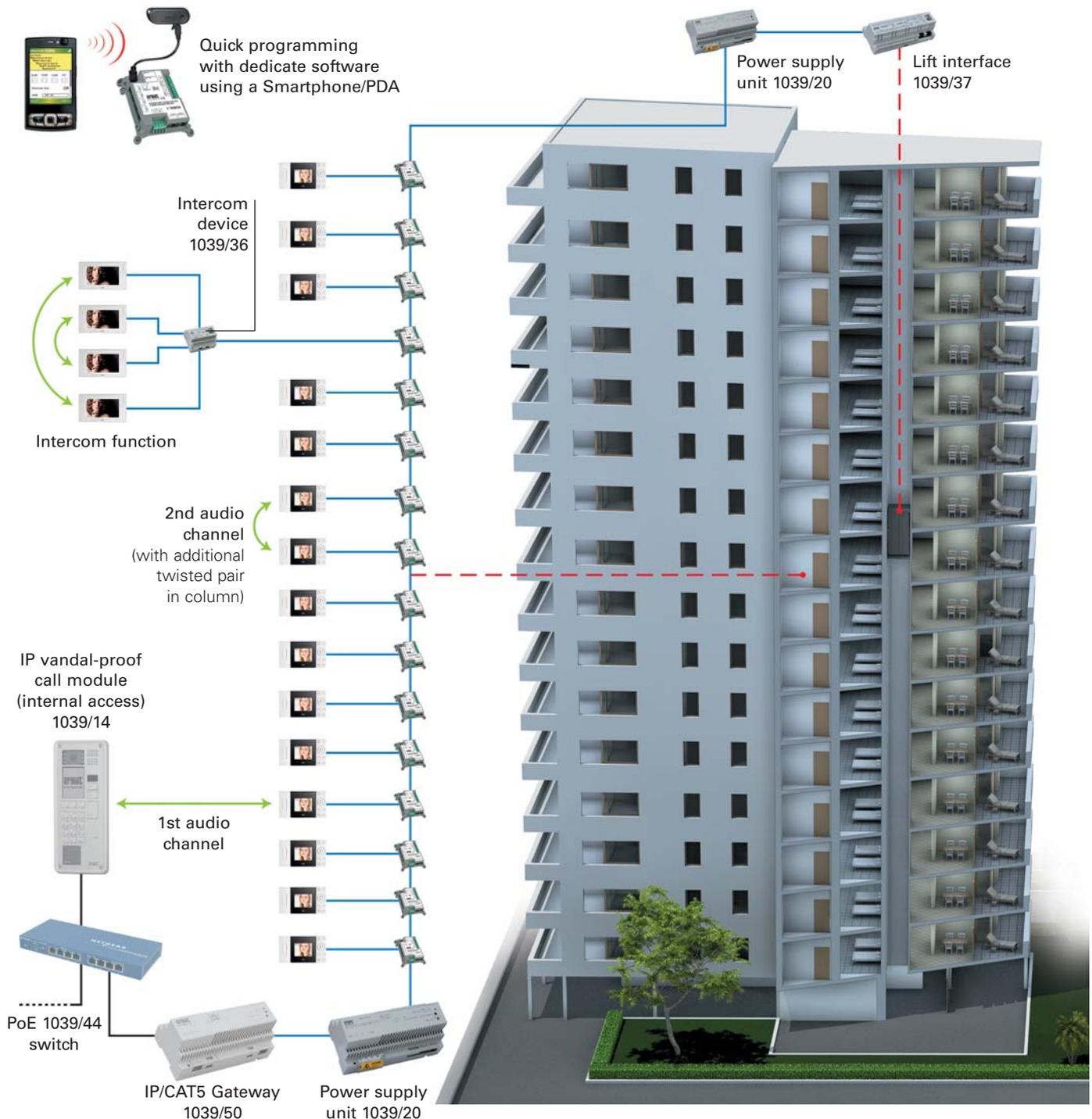
The entire installation, in column and apartment, is entirely made using a CAT5 cable. The number of risers is unlimited: your installation is served.

## Intercom inside, never busy outside!

Even single apartments can enjoy the benefits of remarkable versatility.

Up to 16 devices can be installed, all fully intercommunicating without engaging the column audio lines.

Never busy: simply add a AWG24 twisted pair to the column to allow two audio communications at the same time.

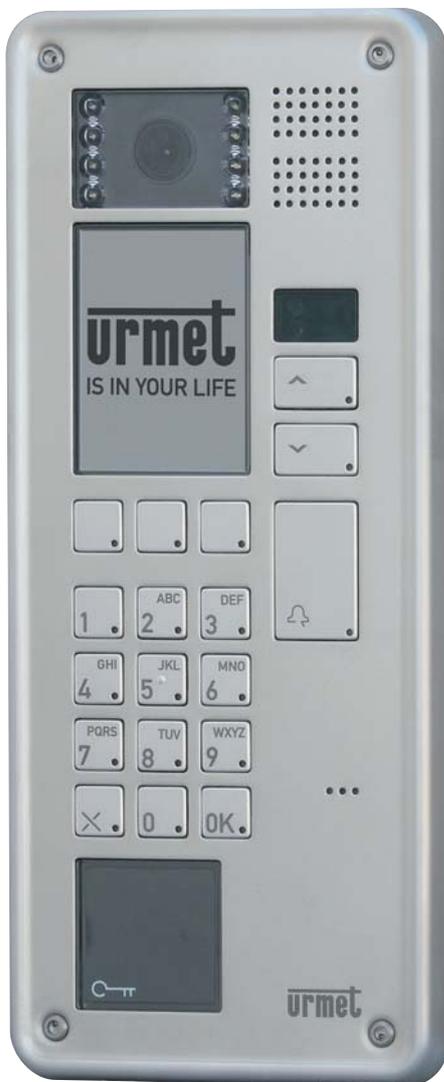




# MORE POWER TO COMMUNICATIONS, MORE CHOICES OF DESIGN

Elekta is the dedicated IPervice video door phone calling module line. Fully digital and with a single-block structure, Elekta is available in two versions. Elekta steel: linear, pure satin steel surface for top-level robustness and to guarantee the best vandal-proof performance. Elekta. Shapes, materials and treatments speak of technology, and are the ideal combination with IPervice: this entry panel is characterised by modern finish, with a black mirror surface and touch button commands. Two designs, the same reliability.

This state-of-the art entry panel range can manage the various IPervice system functions, adding important utilities such as displaying the route for reaching the called user (a very convenient function in complex multiple building residential compounds) or the possibility of combining logos and images to names. Many features to be appreciated, all easy to manage.



**elekta**  
steel



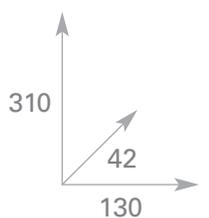
**elekta**

# MULTIFUNCTIONAL CALL MODULE

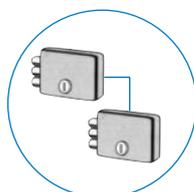
## Versatile character, high functionality

Elekta and Elekta Steel offer top level functions and communications. This calling module – with two soft-touch and vandal-proof versions – manages two locks (for managing, for example a pedestrian entrance and a garage door) and is provided with integrated access control. It works with proximity key or code and has open door detection function. Elekta is also provided with a duress warning system allowing to open the door with a code and at the same time send a duress signal to the concierge.

The colour camera and light is standard. The alphanumeric keypad is simple and sophisticated, allowing for instance to leave messages if the called person is away. The calling module has an extra function for easier use by handicapped users: the call is sent to the concierge if several buttons are pressed at the same time. No calls are lost in this way. The entry panel can be installed flushed and on the wall. It can manage the various IPervoice system functions, adding important utilities such as displaying the route for reaching the called user (a very convenient function in complex multiple building residential compounds) or the possibility of combining logos and images to names. Many features to be appreciated, all easy to manage.



Compact dimensions (H x W x D) mm (16 mm protruding)



Two locks can be managed (garage door and pedestrian door, for example)



TFT 3.5" colour, with operation messages and guide for use. The display can also be used to leave audio/video messages if the called user is away and showing a map indicating how to reach the required building

Door opening with proximity key or code

Standard wide-angle colour camera with presence detector

3.5" colour TFT display

Flush-mounted

Alphanumeric panel



**Integrated special needs help (DDA)**



**Voice messages for operations in progress**



**Absence indication and audio/video message recording**



**Door open detection**



**Duress alarm**



Vandal-proof steel entry panel





1039/1



1039/20



1039/34



1039/36



1039/37



1039/41



1039/45

**BASIC ELEMENTS**

 <b>1039/1</b>	<b>IP system server</b> Intel Pentium 1GHz processor. With RJ45 port and two USB ports. Ready for mounted on wall and on DIN bar. With 2.5" HDD. Dimensions: 172 (width) x 55 (height) x 114 (depth). On/off button and LED, reset button. Power supply unit included.
<b>1039/100</b>	<b>Set of 20 RJ45 connectors IP side</b> Set of 20 RJ45 connectors with "URMET" print for connecting compatible IP devices.
<b>1039/101</b>	<b>Set of 20 RJ45 connectors column side</b> Set of 20 RJ45 connectors with "NO LAN" print for connecting IP IPervoice column devices.
 <b>1039/20</b>	<b>CAT5 column power supply unit</b> 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).
 <b>1039/34</b>	<b>CAT5 four-user distributor</b> 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.
 <b>1039/36</b>	<b>CAT5 intercom device</b> For connecting four apartment devices (audio or video door phones) allowing intercom functions. Up to four devices in a cascade for a total of 16 devices in parallel and intercommunicating in the same apartment. DIN bar (6 modules). Local power supply with 1039/20.
 <b>1039/37</b>	<b>CAT5 lift interface</b> 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.
 <b>1039/41</b>	<b>PC concierge switchboard</b> Atlantico door phone with USB connector and A/V plug for connection to PC. Provides audio door phone connection to concierge switchboard application.
<b>1039/44</b>	<b>4 ports + 4PoE switch</b> Switch with 8 ports, of which four PoE. 110-230 Vac/50-60 Hz power supply unit.
 <b>1039/45</b>	<b>4PoE + 2 ports switch with power supply unit</b> Switch with 6 ports, of which four PoE. Operations with extended temperature range (-40° +75°C). 100-240 Vac/50-60 Hz power supply unit provided. Arranged for assembly on DIN bar.



1039/50



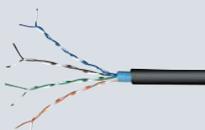
1039/56



1039/69



1039/88



1039/90



1039/13



1039/14

**BASIC ELEMENTS**

1039/50	<b>IP/CAT5 gateway</b> For interfacing IP backbone with riser column. DIN bar (10 modules).
1039/56	<b>Bluetooth programming device</b> Interface for programming column devices using mobile phone or PDA. Provided with adapter cable.
1039/61	<b>Apartment alarm interface</b> Interface board to be arranged inside URMET units 1061/004 and 1061/006.
1039/69	<b>IPervoice Video Server</b> For connecting 4 traditional cameras. The images are conveyed to IP bus and displayed on devices in the system (monitor, switchboards).
1039/80	<b>IP special decoder</b> For activating/deactivating loads or other functions on IP backbone.
1039/88	<b>Sinthesi IP reading head</b> IP bus proximity key reader.
1039/90	<b>IP outdoor cable</b> CAT5 for buried installation. For use on common backbone. 100 metre reel.

**LOUDSPEAKING UNIT**

Code	With keypad	With buttons	Panel type	Number of modules	Number of integrated buttons	Notes
1039/13 <b>new</b>	●	-	Elekta Soft Touch	2	-	Digital panel, IP protocol, soft-touch front. With 3.5" colour display, alphanumeric keypad, arrow buttons for scrolling the name directory, colour camera and light, audio unit and proximity key reader.
1039/14	-	●	Elekta Steel	2	2	Digital panel, IP protocol, vandal-proof front. With 3.5" colour display, alphanumeric keypad, arrow buttons for scrolling the name directory, colour camera and light, audio unit and proximity key reader.
1039/72	-	●	Elekta	2	2	Integrated audio unit, colour camera and LED light, two door opening outputs, hall door button, two door indicator, two inputs for additional surveillance cameras.

● Yes.



### VIDEO APARTMENT STATION

Code	Door phone system	Bracket	Video door phone or monitor + bracket kit	Model	Audio type	N. of buttons in addition to door opener button	Notes
1139/2	•	-	-	Signo	With receiver	3	With door opening button and three additional service buttons (garage door, message inbox, call to switchboard, activations, intercom). Adjustable calling volume.
1740/95	-	•	-	Signo	With receiver	-	Bracket for Signo monitor b/w1740/1 and colour 1740/40 -/41 -/42. Connection using UTPCAT5/5e/6 cable and RJ45 connector. Ready for floor call connection. Panic button input.
1707/95	-	•	-	Imago	Hands-free	-	Bracket for Imago colour hands-free monitor 1707/1. Connection using UTP CAT5/5e/6 cable and RJ45 connector. Floor call ready. Panic button input.
1717/1 <b>new</b>	-	-	•	Modo	Hands-free	-	7" touch-screen colour monitor. Connection to Ipervoice riser column with UTPCAT5/5e/6 and RJ45 connector. Floor call ready. Panic button input. Allows to all any system user by means of a virtual keypad on screen. No separate bracket needed.
1706/7 <b>new</b>	-	-	•	Folio Black	Hands-free	-	Hands-free monitor with 3.5" TFT colour display. No bracket needed. 31 intercom calls, hands-free audio, additional services, door opener, adjustable call volume with mute and LED indication.
<b>new</b> 1706/8	-	-	•	Folio White	Hands-free	-	Hands-free monitor with 3.5" TFT colour display. No bracket needed. 31 intercom calls, hands-free audio, additional services, door opener, adjustable call volume with mute and LED indication.

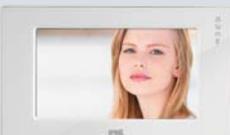
See the dedicated section for more information on loudspeaking units.

### ACCESSORIES

1145/53	Sinthesi flush-mounting box, 3 modules, for entry panel 1039/13
1158/43	Flush-mounting box, three metallic modules for 1039/14 entry panel
4501/5	VoIP telephone



1707/95



1717/1



1706/7



4501/5

Colour. Yes.



# 2VOICE **new**



Advice for use:

**Villas and villa compounds |  
Blocks of flats | Restoration |  
Residential compounds**

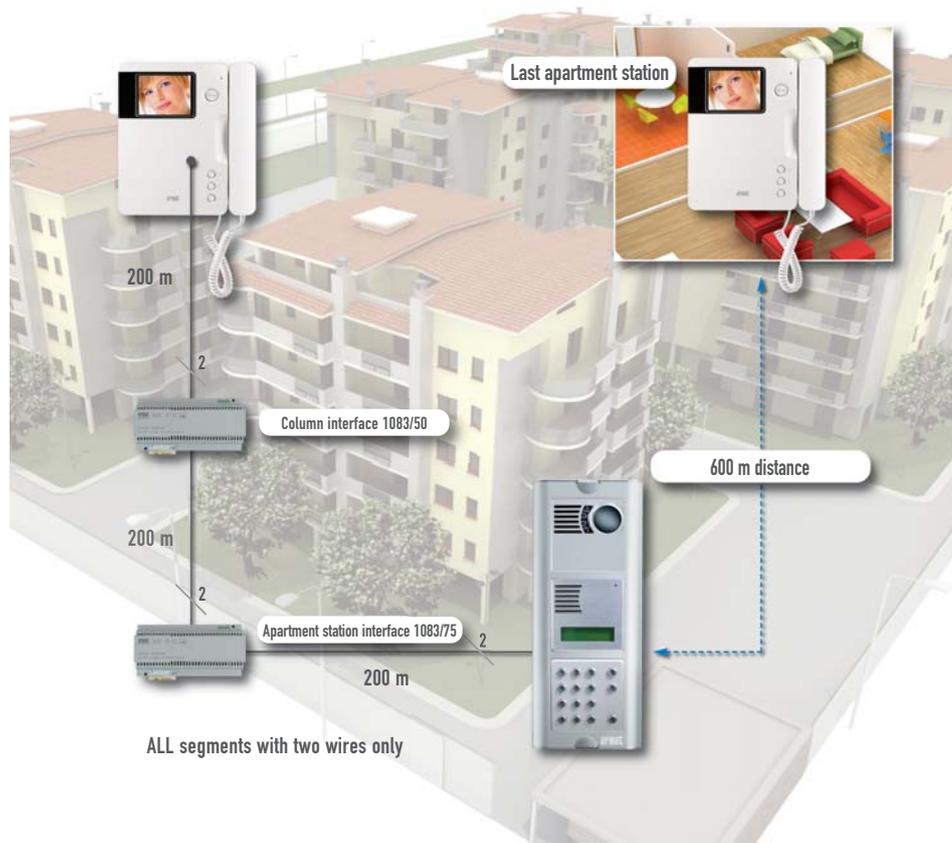
- **Two wires throughout for quick and easy installation**
- **Restoration using existing wires**
- **Maximum flexibility: from villas to residential compounds with two wires**
- **One concierge switchboard**
- **Free intercom function**
- **Double entrance door lock operation from any device**
- **Standard open door detector**
- **Integrated video surveillance**
- **Adjustable call volume with Mute and selectable tones**

2Voice is the new two non-polarised wire system for top functions in total ease. 2Voice was designed with installers and their work in mind. It translates customer needs into innovation and advantages. Only two wires, from the entry panel to the apartment station. Up to 4096 users, quick and easy live system dip switch programming. Free intercom function and two CCTV cameras without add-on modules. Building restoration installation without needing to replace the existing wires and a wide, renewed range of monitors and entry panels. These are only some of the advantages of the system which brings something more to the market, with flexible solutions, ideal for applications spanning from villas and blocks of flats, to residential compounds.

2Voice adds the advantage of total reliability to function versatility: entirely designed and made in Italy, the system is developed by applying strict standards and processes monitored by a meticulous quality control system.

New features:

**Technology and style:**  
the new soft-touch  
monitor range.



<b>Recommended elements</b>
Wire 1083/90 or 1083/92
<b>Distance between entry panel and video door phone</b>
600 m

<b>The numbers of the system</b>
- 2 wires THROUGHOUT
- 128 users per riser column
- 2 entry panels per riser column
- 32 risers
- 4096 users
- 4 common main entrances
- Up to 600 metres between entry panel and apartment station
- 200 metres from power supply to entry panel
- 1600 metres of extension in common part
- 800 metres of extension on each riser column
- 4 monitors and/or door phones in parallel
- 5 surveillance cameras for each entry panel
- 2 entrances managed from a single entry panel

**COMPATIBILITY TABLE: STYLE**

Sinthesi	Aiko	Folio	Signo	Atlantico

Refer to the pages describing the various single products for technical details on the apartment station styles and on the entry panels which can be used in the system.

**COMBINATION KITS**

<b>1783/601</b>	<b>1783/602</b>	<b>1783/621</b>	<b>1783/622</b>
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See page 124 for details on kits.

## INSTALLATION AND FUNCTIONS

### The advantages of quick and simple installation

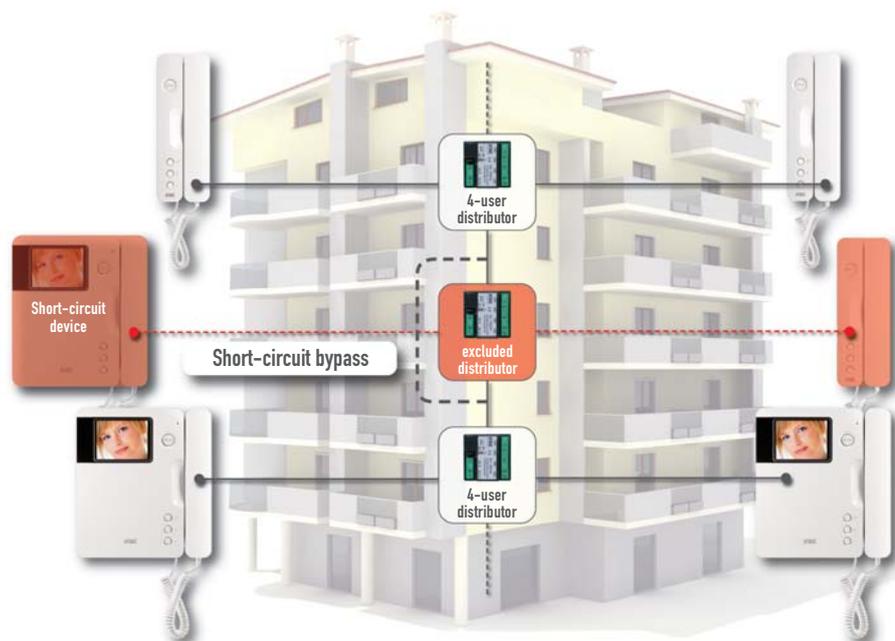
Only two wires. Throughout. Two wires from the entry panel to the power unit. Two wires also for equipping the system with important advanced functions: supplementary activations, intercom, switchboard. In restorations, the system can be renewed easily without needing to replace wires.

Also in programming, 2Voice allows to optimise times and maximise gains: the system is configured by means of dip switches or by means of a PC or transmitted directly using a smartphone keypad with Bluetooth connection.

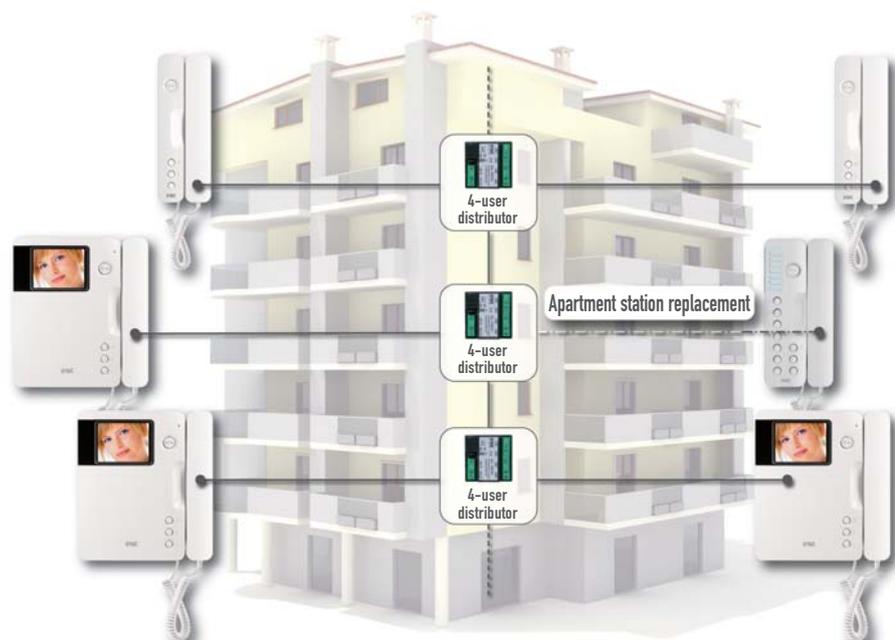
2Voice offers the best guarantees even after installation. All maintenance operations are simplified: devices can be added or replaced with the system live – this saves time and is convenient for users.

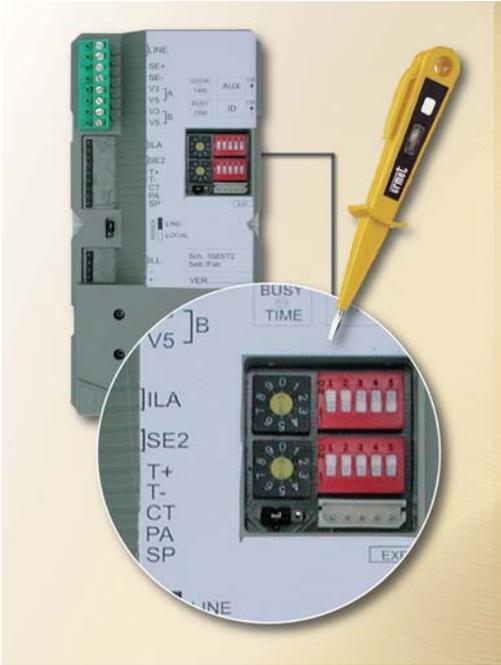
Furthermore, only 2Voice has a short-circuit protection system which bypasses a distributor associated to the faulty device. In this manner, all functions remain active for the users not concerned by the fault: this is an advantage for users and allows installers to locate the origin of the fault at ease.

The system is always up and running even in presence of a short-circuit in an apartment. Safety is guaranteed and faults can be quickly located.



Devices can be replaced with the system live: uninterrupted service for users, easier procedures for installers with the advantage of shorter working times and guaranteed top level security.





Faster and easier dip switch programming.

## Functionality to the advantage of communications and safety

Communications in apartments and between apartments are unlimited with 2Voice: maximum freedom in connecting to any apartment in the compound. Three call buttons are standard on all audio and video door phone models, extendable to nine buttons on Signo with the button add-on and up to 32 if the Folio and Aiko models are chosen. Without needing any additional devices, one supplementary service can be activated (for example, for turning the lights on in the staircase or garden). Other functions can be implemented by adding relays.

Furthermore, standard system safety features include open door detector and second entrance management to open the garage door or a second pedestrian gate directly from the apartment unit by using the on-board relay: a facilitated opening system for users requiring no additional work for installers.

Above all, 2Voice integrates video surveillance: two cameras can be directly connected to the entry panel without additions and up to five can be connecting using a cyclic switch for each entry panel for complete control of concerned areas. CCTV management is simple and practical: each camera can be called up using cyclic selection from the video door phone apartment station. Accessible monitoring for everyone at all times.



Easy name addition: using spreadsheet and sending data using a smartphone with Bluetooth connection (already fitted inside the entry panel).



With 2Voice convenience is standard and users can be associated without constraints.

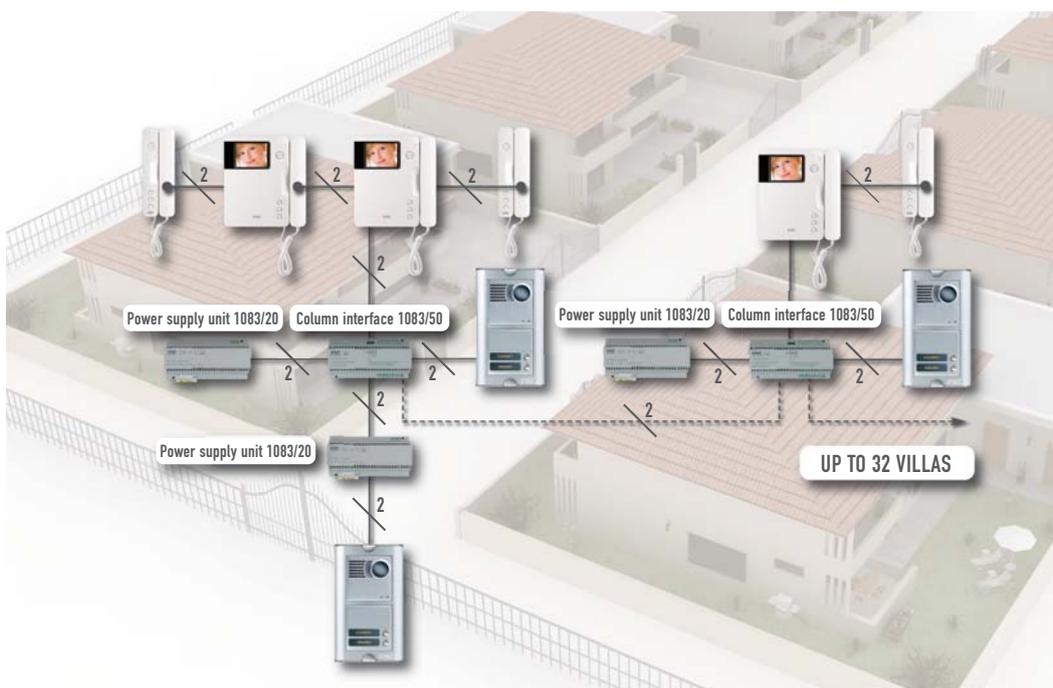
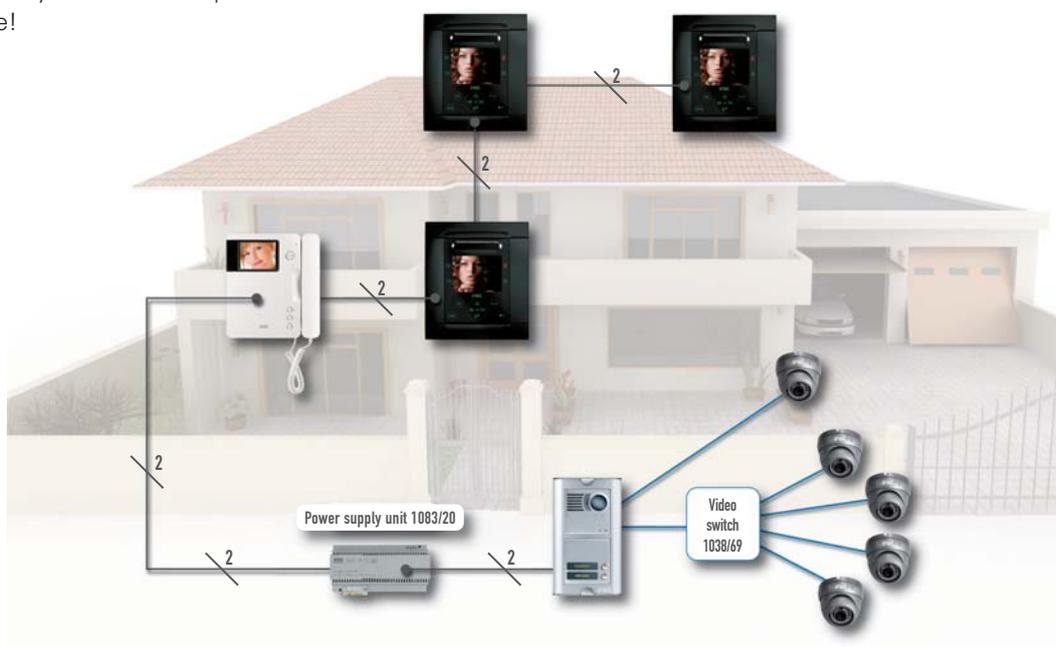


Two cameras can be immediately implemented in the system and up to five can be installed with the addition of a single cyclic switch.

# ONE SOLUTION FOR ALL NEEDS

## Villas

With 2Voice, effective, practical solutions systems with a low number of users demanding high performance requirements are available. In this way, villas and villa compounds can benefit from a system with integrated video surveillance on monitor, cyclic camera selection function, double entrance management (pedestrian and garage), intercom functions, additional service activation, such as water sprinklers and staircase lights. And what about villa compounds? With the same ease, simply by multiplying the elements according to the number of buildings. Here is a system which is quick to install and easy to estimate!





## Blocks of flats and renewal

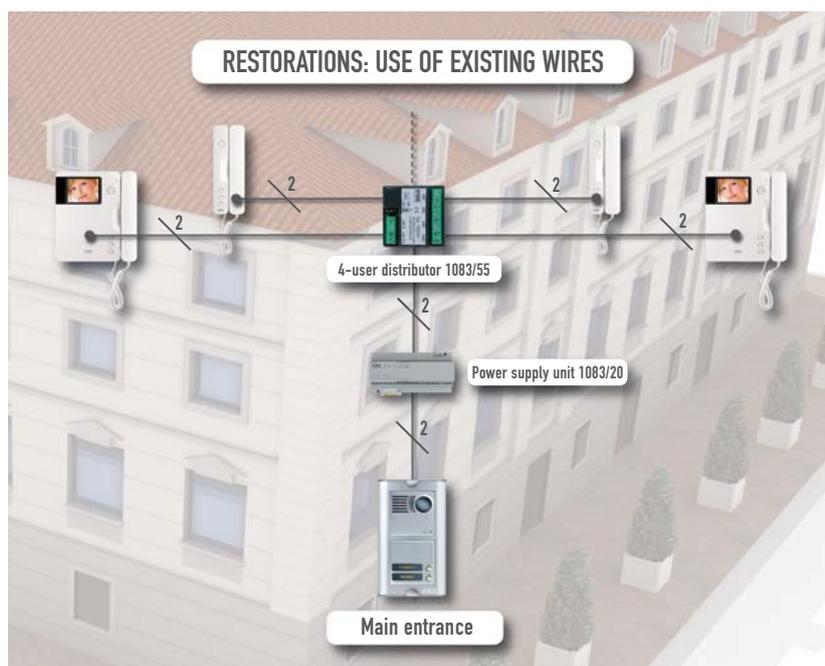
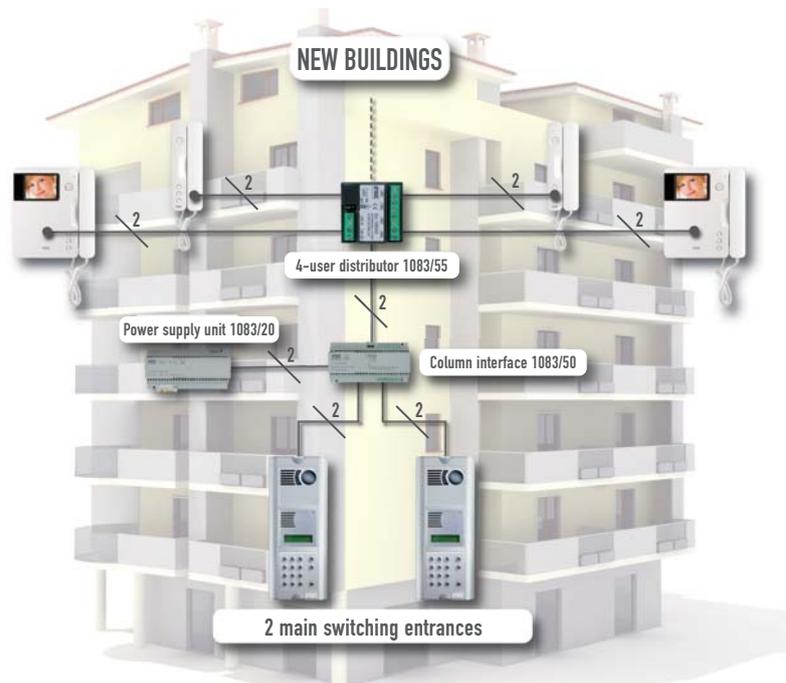
2Voice can be used to easily convert nearly all the solutions on the Italian market.

No wire replacements are needed in restoration jobs, so common in everyday assignments. This means that new performance and modern functions can be implemented using the existing wires.

In new buildings, making systems with up to 128 users is extremely easy. According to needs, four-users distributors can be fitted

in the wiring system in in-out mode (up to 32 video or 128 audio users) or alternatively in mixed mode.

Devices not necessarily in the same apartment can be combined in parallel: e.g. apartment, loft and basement belonging to the same user can all be called at the same time for receiving door calls from visitors and intercom calls. In this way, the devices are physically installed in three different zones and no additional wires are needed.



**NOTE:** See the wire compatibility table on page 35 for extensions, distances and number of users.

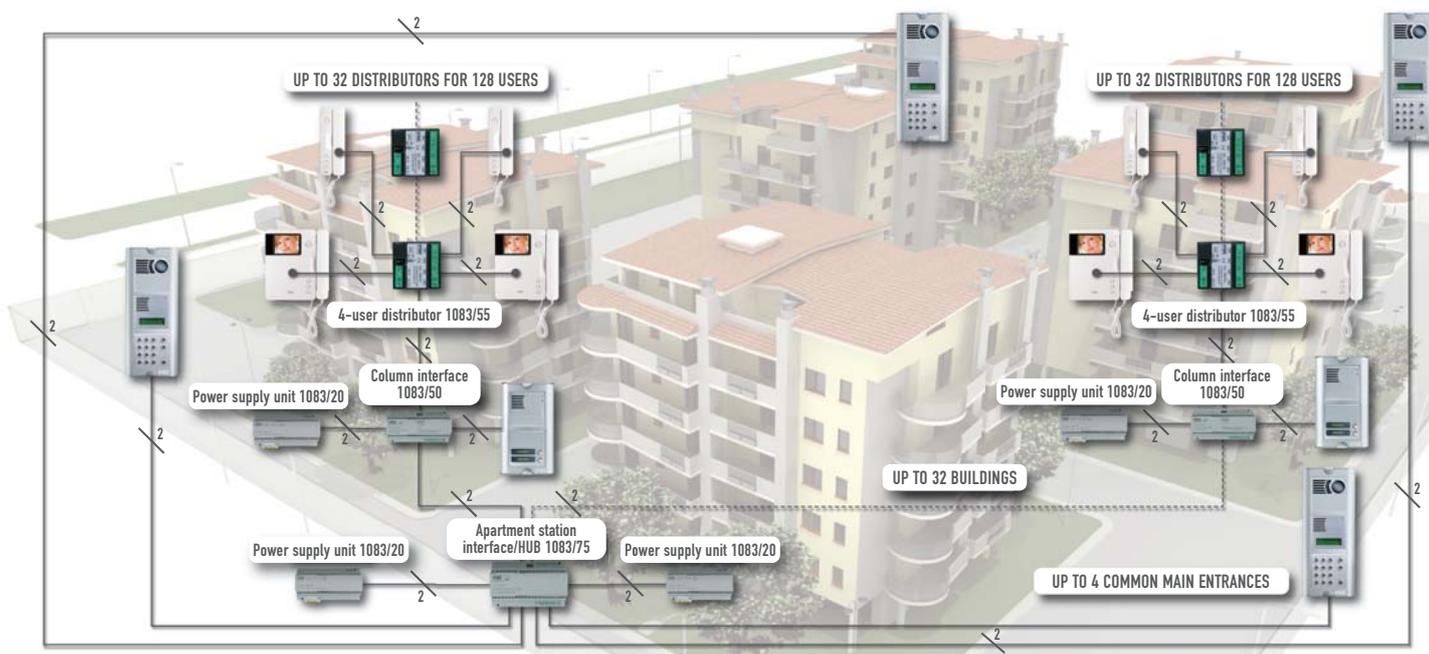
## Residential compound

2Voice is the only system capable of satisfying the needs of building compounds with up to 4096 users and 27,200 metres of total wiring with ONLY two wires in each segment.

Up to four common entrances may be present in the compound and each building may have two secondary switching entrances in turn.

A concierge switchboard can be installed to further expand the advantages of the system.

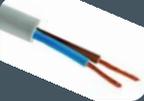
All maintaining cyclic control on external cameras and supplementary function activation (garden lane lights, watering sprinkler systems, staircase lights, etc.).



**NOTE:** See the wire compatibility table on page 35 for extensions, distances and number of users.



# WIRE COMPATIBILITY TABLE

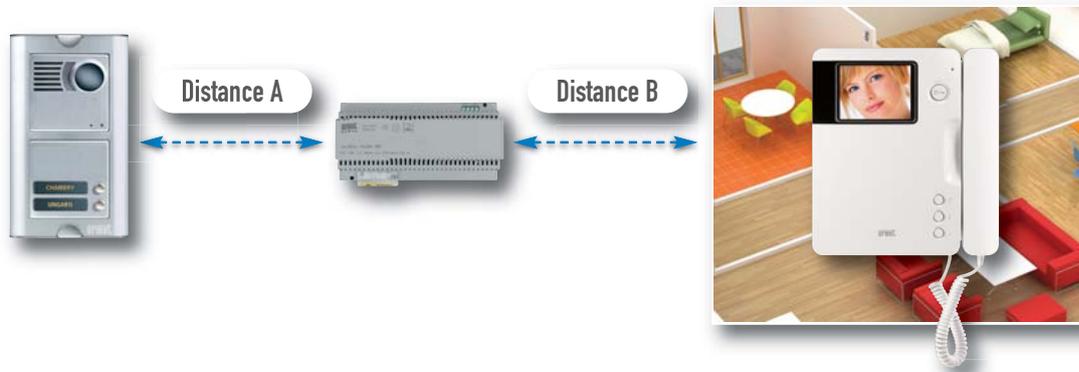
	WIRES	MAX. USERS	MONITORS	A M. BETWEEN ENTRY PANEL AND POWER SUPPLY UNIT	B M. BETWEEN POWER SUPPLY UNIT AND MONITOR	Extension M*
	2Voice wire	128	Colour	200	200	800
			B/W	200	200	800
	White/red double diameter 0.6 m without sheath	64	Colour	100	150	600
			B/W	100	125	600
	CAT5 UTP (1 twisted pair)	64	Colour	100	125	800
			B/W	100	75	800
	HVV05-F rubber covered 1.5 mm <sup>2</sup>	128	Colour	50	125	300
			B/W	50	125	300
	Urmet wire 7057/235 blue/red	64	Colour	50	125	300
			B/W	50	125	300
	Single wire cross-section area 1 mm <sup>2</sup> **	32	Colour	50	75	150
			B/W	50	75	150

Contact the sales and/or assistance network for further indications on using existing wires.

When using multipolar cables, NEVER short-circuit several conductors to increase the wire cross-section area.

\* Extension is the sum of all cabled segments both in apartment and in riser column to the entry panel.

\*\* Single cables must be installed in tube with maximum diameter of 32 mm.





1083/20



1083/50



1083/55



1083/75



1083/92



1083/40



1083/96

## BASIC ELEMENTS **new**

-  **1083/20** **System power supply unit**  
Used for 2Voice system. Assembly on DIN bar (10 modules).  
230Vac 50-60Hz. Output 48Vdc
-  **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 45 x 45 x 16 mm (WxHxD)
-  **1083/75** **Entry panel interface**  
Device used to connect several main entry panels in 2Voice systems.  
Ready for assembly on DIN bar (10 modules).
- 1083/90** **2Voice wire. 100 metre reel**  
2Voice system wire. 2x1 mm<sup>2</sup>. External diameter 6.5 mm. 100 metre reel.
-  **1083/92** **2Voice wire. 200 metre reel**  
2Voice system wire. 2x1 mm<sup>2</sup>. External diameter 6.5 mm. 200 metre reel.
-  **1083/40\*** **Concierge switchboard**  
Provided with alphanumeric keypad, display and receiver.  
Provides typical concierge functions. Day/night mode operation.  
Allows to combine a colour video module 1732/41 with corresponding  
bracket 1732/91.

## ONE- AND TWO-FAMILY KITS **new**

- 1783/601** **2Voice one-family kit with Sinthesi and Signo b/w**  
Consisting of Sinthesi entry panel 1083/72, two-module frame and flush-mounting  
box, Signo monitor 1740/1, wall assembly bracket 1740/83 and power supply unit  
1083/20.
- 1783/602** **Sinthesi Signo b/w two-family kit**  
Consisting of Sinthesi entry panel 1083/72, two-module frame and flush-mounting  
box, 2 Signo monitors 1740/1, 2 wall assembly brackets 1740/83 and power supply  
unit 1083/20 and 4-user distributor 1083/55.
- 1783/621**  **Sinthesi Signo colour one-family kit**  
Consisting of Sinthesi entry panel 1083/72, two-module frame and flush-mounting  
box, Signo colour monitor 1740/40, wall assembly bracket 1740/83 and power  
supply unit 1083/20.
- 1783/622**  **Sinthesi Signo colour two-family kit**  
Consisting of Sinthesi entry panel 1083/72, two-module frame and flush-mounting  
box, 2 Signo colour monitors 1740/40, 2 wall assembly brackets 1740/83 and  
power supply unit 1083/20 and 4-user distributor 1083/55.

## ACCESSORIES **new**

-  **1083/96** **Button add-on for Signo monitor**  
Provided with 6 buttons for intercom calls or special functions, 1 button and 2  
LEDs for automatic door opening function management and signalling, door open  
indication.
- 1083/80\*** **2Voice special decoder**  
Ready for assembly on DIN bar (6 modules). Allows users to activate loads  
by pressing a button or following an event.

 Colour.  Yes. \*To be released soon.



1083/72



1183/2



1183/3



1740/753



1706/5



1716/2

**LOUDSPEAKING UNITS new**

Code	With keypad	With buttons	Panel type	Number of modules	Number of integrated buttons	N. of directly connectable buttons	Notes
1083/13*	●	-	Sinthesi	2	-	-	Backlit keypad, LCD, integrated audio unit.
1083/72	-	●	Sinthesi	2	2	-	Integrated audio unit ,colour camera with LED lighting, 2 door opener outputs, hall button, open door indicator input, 2 additional surveillance camera inputs.
1083/7	-	●	Sinthesi	2	2	-	Integrated audio unit, 2 door opener outputs, hall button, door open indicator, 1 input for external camera connected to calls and 1 input for additional surveillance camera.
1083/8*	-	-	Exigo	-	-	-	To be used in combination with 1038/17 module (1 x 16 users).

**APARTMENT STATIONS new**

Code	Door phone system	Bracket	Video door phone or monitor + bracket kit	Model	Audio type	N. of buttons in addition to door opener button	Notes
1183/1	●	-	-	Atlantico	With receiver	1	Button for opening door and second garage electric lock. Switchboard call.
1183/2	●	-	-	Signo	With receiver	3	3 buttons for auxiliary functions (call to switchboard, intercom, additional service activation). Call volume adjustment. Mute with visual indication. Opening of 2 locks related to the same door phone entrance (pedestrian or garage).
1183/3	●	-	-	Signo	With receiver	10	Allows up to 9 intercom calls.
<b>new</b> 1740/83	-	●	-	Signo	-	-	2Voice bracket for Signo monitor. Compatible with b/w monitor 1740/1 and colour monitor 1740/40 -/41 -/42; ready floor call connection and supplementary ringer.
1740/713	-	-	●	Signo	With receiver	-	Formed by 1 Signo b/w monitor 1740/1 and one bracket 1740/83.
1740/753	-	-	●	Signo	With receiver	-	Formed by 1 Signo colour monitor 1740/40 and one bracket 1740/83.
<b>new</b> 1706/5*	-	-	●	Folio Black	Hands-free	-	Hands-free monitor with 3.5" TFT colour display. Soft touch commands. No bracket needed. 31 intercom calls, hands-free audio, additional services, door opener, adjustable call volume with mute and LED indication.
<b>new</b> 1706/6*	-	-	●	Folio White	Hands-free	-	Hands-free monitor with 3.5" TFT colour display. Soft touch commands. No bracket needed. 31 intercom calls, hands-free audio, additional services, door opener, adjustable call volume with mute and LED indication.
<b>new</b> 1716/1*	-	-	●	Aiko Black	Hands-free	-	Hands-free monitor with 4,3" TFT colour display. Soft touch commands. No bracket needed. 31 intercom calls, hands-free audio, additional services, door opener, adjustable call volume with mute and LED indication.
<b>new</b> 1716/2*	-	-	●	Aiko White	Hands-free	-	Hands-free monitor with 4,3" TFT colour display. Soft touch commands. No bracket needed. 31 intercom calls, hands-free audio, additional services, door opener, adjustable call volume with mute and LED indication.

See the dedicated section for more information on apartment stations. \*To be released soon.



# BIBUS VOP



Advice for use:

**Large blocks of flats  
with switchboard  
and mixed mainly audio systems**

- **Ideal for door phone systems  
with up to 250 users**
- **VOP technology**
- **Easy creation of mixed audio  
and video door phone systems**
- **Concierge switchboard function**

VOP technology is used to create door phone systems with up to 250 users, 12 calling stations and distances of up to 600 metres between calling station and apartment station simply by using two non-polarised wires.

Numbers speak for themselves!

Ideal for simple blocks of flats with a single entrance door and one rising column, Bibus VOP is the answer also for complex compounds with several buildings and several staircases, in which common entry panels and secondary entry panels for each staircase are needed.

The flexibility of the system is demonstrated by its functions: a concierge switchboard capable of storing up to 100 calls can be installed.

The switchboard can intercept calls, and the day/night switching function increase system flexibility.

Furthermore, by using special decoders and apartments station add-on modules, a variety of supplementary functions can be implemented in each system (such as switching the staircase lights on, opening the garage door and many, many more) without needing to add wires

- Distance between entry panel and video door phone**  
Up to 600 m.
- The numbers of the system**
- Up to 12 calling stations
  - Up to 3 apartment stations in parallel
  - Switchboard with possibility of storing 100 calls



to the column, to adapt the system to the needs of each user. The system is compatible with the entire Urmet catalogue range. Each apartment station can be chosen according to requirements and up to three apartment stations can be installed in parallel.

Maximum freedom also in entry panel style: traditional panels and digital panels are available.

**COMPATIBILITY TABLE: STYLE**

Imago	Signo	Utopia	Arco	Atlantico
Exigo	Sinthesi	K-steel	Mod. 725	

Refer to the pages describing the various single products for technical details on the apartment station styles and on the entry panels which can be used in the system.



# BIBUS VOP mod. 1072

## BASIC ELEMENTS FOR AUDIO AND VIDEO LOUDSPEAKING UNIT COMPATIBILITY



1742/13A



1072/42

<b>1074/54</b>	<b>VOP floor video distributor, 4 users</b> For use in systems with floor distribution No dedicated power supply is needed. Dimensions: 95 (W) x 64 (H) x 28 (D) mm. Wall mounted.
<b>1795/40</b>	<b>DE video distributor</b> For distribution of video signal between primary and secondary in VOP systems.
 <b>1742/13A</b>	<b>Coax to 5-wire camera adapter device</b> Adapter device for coax to 5-wire video signal for VOP video systems.
<b>1074/20</b>	<b>VOP Bibus power unit. Installation on 10 DIN module bar</b> To power a video door phone column in VOP system. Arranged for assembly on DIN bar (10 modules). Dimensions: 180 (W) x 90 (H) x 75 (D) mm. Power: 50VA
<b>1072/24</b>	<b>Bus coupler with built-in power unit</b> Manages up to 50 apartment stations on one or two spines. Short-circuit spine cut-off to ensure operation of rest of system in event of failure in one spine (with LED failure indicator). Up to 12 couplers can be fitted in each system. With staircase light control relay. Dimensions: 216 (W) x 90 (H) x 75 (D) mm. (12 DIN modules) Power: 37 VA. Output voltage: 22Vdc
 <b>1072/42</b>	<b>Bibus switchboard. Ready for table-top or wall mounting</b> Suitable for use in Bibus VOP systems. Main features: call interception from calling stations, communication to and from all apartment stations, day/night service, electronic directory with tenants' names, missed call memory. With graphic display and backlit keypad. May be used in combination with colour video module 1732/41.



1072/13



1072/14



1072/7



1072/5



1172/50



1172/46



1705/954

**LOUDSPEAKING UNIT**

Code	With keypad	With buttons	Panel type	Number of modules	Number of integrated buttons	Directly connectable buttons	Notes
 1072/13	●	-	Sinthesi	2	-	-	Backlit keypad, LCD display, integrated audio unit
 1072/14	●	-	K-Steel	2	-	-	Backlit keypad, LCD display, integrated audio unit
 1072/7	-	●	Sinthesi	1	-	18	Integrated audio unit, audio level adjustment trimmer
 1072/5	-	●	K-Steel	1	2	8	Integrated audio unit, audio level adjustment trimmer
1072/19A	-	●	Exigo or 725	-	-	18	Integrated audio unit, audio level adjustment trimmer

**VIDEO APARTMENT STATION**

Code	Door phone system	Bracket for video door	Model	Audio type	N. of buttons in addition to door opener button	Notes
 1172/50	●	-	Signo	With receiver	2	Button for switchboard call and one auxiliary service. Connects to decoders 1038/34, 1038/35 and 1038/38.
1172/55	●	-	Signo	With receiver	3	Button for switchboard call and two auxiliary services. Connects to decoders 1038/34, 1038/35 and 1038/38.
1172/43	●	-	Utopia	Hands-free	2	Call volume adjustment. Mute with visual indication. Switchboard call button. Switching staircase lights on. Hand-free audio function.
 1172/46	●	-	Utopia	With receiver	3	Call volume adjustment. Mute with visual indication. Three additional service buttons: switchboard call, staircase lights, etc. Automatic door opening function after call.
1705/954	-	●	Arco	With receiver	-	For connection to VOP video distributor 1074/55. Ready for floor call connection.
1732/957	-	●	Scaitel	Hands-free	-	Bracket for colour video module 1732/42 in combination with concierge switchboard 1072/42.
1703/957	-	●	Utopia	With receiver	-	Bracket for monitor 1703/1
1703/958	-	●	Utopia	With receiver	-	Bracket for monitor 1703/17
1703/95	-	●	Utopia	With receiver	-	Bracket for monitor 1703/17
 1740/954	-	●	Signo	With receiver	-	For connection to VOP video distributor 1074/55. Ready for floor call connection.

See the dedicated section for more information on entry panels and loudspeaking units.

● Yes.

## ACCESSORIES

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<b>1074/90</b>	<b>VOP video system wire</b> 100 metre reel, consisting of one 1 mm <sup>2</sup> double wire and 0.75 mm <sup>2</sup> double wire. Impedance 100 ohm. Flameproof cable.
<b>1795/250</b>	<b>DE signal regenerator</b> Adapts the VOP video signal with several switching video loudspeaking units when one or more units are installed very much further away from the 1074/20 power supply unit.
<b>9000/230</b>	<b>12Vac transformer (230Vac 50Hz) Power: 230 Vac - 50 Hz</b> Power: 18 VA. Outputs on secondary: 12 Vac @ 1.3A. With PTC self-resetting protection in event of short-circuit. Dimensions: 54 (W) x 83 (H) x 58.5 (D) mm. Bar fitted, 3 DIN modules.
<b>1038/17</b>	<b>16-button expansion module for digital systems</b> For use with 1072/19A, 1038/62, 1038/5, 1038/7, 1072/5, 1072/7, 1082/72, 1082/7 loudspeaking units to expand the number of buttons in addition to those managed directly by the loudspeaking units themselves. For use with 1072/19A, 1072/5-7 loudspeaking units.
<b>1072/67</b>	<b>Bibus PABX interface</b> For using Scaitel Agorà PABX in Bibus systems and maintaining the original functions (door phone call and conversation, concierge switchboard call and conversation, door opening, special services, floor call). Wall-mounted installation.
<b>1072/80</b>	<b>Bibus special decoder</b> Allows to control electrical loads by means of relay (staircase lights, gates, etc.) with toggle or monostable operation. Controlled using button on door phone, concierge switchboard, digitised loudspeaking unit. Wall-mounted installation. Maximum relay switchable current: 5A. Max. voltage applicable on relay contact: 30 Vdc 250 Vac. Monostable and toggle operation.



1038/74



1038/73



1072/59

## ACCESSORIES

 <b>1038/74</b>	<b>Sinthesi alphabetic keypad</b> Combined to Ref. 1038/13 call modules for using alphanumeric codes. Backlit buttons. One Sinthesi module in size. Supplied without flush-mounting box, frame or module holder case.
 <b>1038/73</b>	<b>K-Steel add-on alphabetic keypad</b> Combined to Ref. 1038/16 call modules for using alphanumeric codes. Backlit buttons. One K-Steel module in size. Supplied without flush-mounting box, frame or module holder case.
 <b>1072/59</b>	<b>Three-tone supplementary ringer for Bibus system</b> Suitable for use with comfort door phones Ref. 1172/45 and Ref. 1172/46 only. Programmable call tone. Powered by 9 Vdc battery. Wall mounted. Dimensions: 80 (W) x 80 (H) x 32 (D) mm.
<b>1072/60</b>	<b>Programming adapte</b> Suitable for interfacing with keypad Ref. 1032/65 and programming various devices.
<b>1072/57</b>	<b>PC programming cable</b> Suitable for connecting PC to concierge switchboard Ref. 1072/40 or call module Ref. 1072/15 for programming B-Bus application software. Software may be downloaded free of charge from the web site.
<b>1072/58</b>	<b>Bibus programming kit</b> Programming kit consisting of Ref. 1072/60, Ref. 1072/57, Ref. 1032/65.

## SPARE PARTS

<b>1072/19A</b>	<b>Digitizer for 18 buttons with integrated loudspeaking unit</b> Suitable for various types of entry panels. Manages 18 basic buttons (expandable to 82) by means of optional Ref. 1038/17 modules. No programming terminal required in Bibus 2nd Edition systems with up to 3 main call stations. In installations with more than 3 main stations or secondary calling stations, use programming devices Ref. 1032/65 and Ref. 1072/60 or kit Ref. 1072/58. For 725 and Exigo entry panels.
<b>1072/113</b>	<b>Electronic base for 1072/13 call module</b>
<b>1072/130</b>	<b>Handset for door phone switchboards Ref. 1072/40, Ref. 826/18, Ref. 1032/41</b>



# DIGIVOICE



Advice for use:

**Large residential compounds  
with several entrances  
and stations with switchboard**

**Only five common wires  
for making large size building  
compound systems**

**Double conversation  
at the same time from two  
main stations**

Managing complex situations and large numbers with Digivoice is easy and very versatile, also with regards to style. Digivoice is the Urmet solution for large size audio and video door phone systems with several entrances and several switchboard stations.

Using only five common wires (with the addition of two wires and coax for video systems), systems for residential compounds with over 3000 users and distances of up to 3500 metres between calling station and apartment stations can be created.

Large compounds have more complex functional needs: for this reason, up to five concierge switchboards for controlling specific areas can be installed in the Digivoice system.

Calls are transferred from one to the other when the stations are unmanned.

**Distance between entry panel and video door phone**

Up to 3500 m

**The numbers of the system**

- More than 3000 users
- Up to 5 concierge switchboards
- Up to 99 main and/or secondary calling stations



A very high number of main and secondary calling stations can be fit in the system (up to 99), each of which can fit either a traditional panel or a digital panel with electronic directory containing the residents' names.

The digital panel may be used to open the door by entering the user's personal code.

In systems with several main and secondary

entrances, Digivoice offers the unique feature of allowing two conversations at the same time from two main stations. This cuts busy time and is a commonly felt requirement in system with a high flow of visitors and users. The entry panels and the apartment stations may be chosen the wide Urmet product range.

**COMPATIBILITY TABLE: STYLE**

Imago	Utopia	Arco	Atlantico
			
Exigo	Sinthesi	K-steel	Mod. 725
			

Refer to the pages describing the various single products for technical details on the apartment station styles and on the entry panels which can be used in the system.



# DIGIVOICE mod. 1038



1038/40

## BASIC ELEMENTS

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<b>1038/20</b>	<b>Basic power unit with circuit breaker</b> Powers the main audio line and the data line. In event of short-circuit, cuts off the faulty part allowing operation of the rest of the system. Bar fitted, 10 DIN modules. Dimensions: 180 (W) x 96 (D) x 75 (H) mm. Power 230 Vac - 50 VA.
<b>1038/25</b>	<b>Supplementary audio power unit</b> Needed in two-channel audio systems. 230/110 Vac power. Bar fitted, four DIN modules.
<b>1038/21</b>	<b>Emergency power backup. Installation on 10 DIN module bar</b> For powering a Ref. 1038/20 via a buffer battery (not included). Dimensions: 180 (W) x 96 (D) x 75 (H) mm. 230 Vac power.
 <b>1038/40</b>	<b>Table-top or wall door phone switchboard</b> With graphic display for operative indications and calling and called users codes. Stores up to 100 unanswered calls, day and night programming for managing interception of calls from loudspeaking units by users. Up to 5 switchboards may be installed in each system, assigning a specific zone of competence to each. Graphic display with five 20-character lines. 3-level programmable ringer volume. Backlit keypad with indication of audio state. Possibility of connecting a colour video module and connecting a printer for printing out traffic data. Dimensions: 260 (W) x 220 (H) x 70 (D) mm. Consumption: 450 mA
<b>1038/34</b>	<b>4-user decoder. For use in audio systems only</b> 4-user decoder module. For use in audio systems only. Accepts Digivoice 1138/3 and 1138/4 door phones on all outputs. Consumption 150mA (1.5 UL). Ready for wall mounting.
<b>1038/35</b>	<b>Four user decoder arranged for video, floor call and door open LED</b> 4-user decoder module. Suitable of audio and video systems. Accepts all Digivoice door phone and bracket outputs, except for those with single integrated decoder. With programming terminal + LED and programming button. Suitable of audio and video systems. Consumption: 170mA. Ready for wall mounting.
<b>1038/38</b>	<b>8-user decoder with video and door open led setup</b> Suitable for use in various Digivoice systems with floor deviation. May be used with electronic door phones 1138/3, 1138/4 and 1138/6 as well all video brackets. With relay contact which is activated following door opening. Relay contact switches up to 30Vdc with 2A on resistive load. Suitable for controlling lift units. Suitable of audio and video systems. Dimensions: 177 (W) x 75 (D) x 110 (H) mm, can be installed on DIN bar 10 modules or on wall.
<b>789/2</b>	<b>Local power unit (230Vac 50Hz)</b> Device used to switch on 2 video door phones following a call. May be positioned in modular unit with other devices. Suitable for replacing power unit 7073/5. Dimensions: 126 (W) x 75 (H) x 97 (D) mm. Bar fitted, 7 DIN modules. Power: 230 Vac - 50 Hz. Transformer power: 28 VA.

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1038/16



1038/5



1138/3



1138/4



1138/6



1705/92

### LOUDSPEAKING UNIT

Code	With keypad	With buttons	Panel type	Number of modules	Number of integrated buttons	Directly connectable buttons	Notes
1038/13	●	-	Sinthesi	2	-	-	Backlit keypad, LCD display, integrated audio unit
 1038/16	●	-	K-Steel	2	-	-	Backlit keypad, LCD display, integrated audio unit
1038/7	-	●	Sinthesi	1	-	8	Integrated audio unit, audio level adjustment trimmer
 1038/5	-	●	K-Steel	1	2	8	Integrated audio unit, audio level adjustment trimmer
1038/62	-	●	Kombi and 725	-	-	8	Integrated audio unit, audio level adjustment trimmer

### VIDEO APARTMENT STATION

Code	Door phone system	Bracket for video door	Model	Audio type	N. of buttons in addition to door opener button	Notes
 1138/3	●	-	Atlantico	With receiver	2	Button for switchboard call and one auxiliary service. Connects to decoders 1038/34, 1038/35 and 1038/38.
 1138/4	●	-	Utopia	With receiver	3	Button for switchboard call and two auxiliary services. Connects to decoders 1038/34, 1038/35 and 1038/38.
1138/31	●	-	Atlantico	With receiver	2	Button for switchboard call and one auxiliary service. With integrated single decoder.
1138/18	●	-	Scaitel	With receiver	Keypad	Button for switchboard call and one auxiliary service. With integrated single decoder. The keypad is used to all other users in the system.
 1138/6	●	-	Scaitel	Hands-free	2	Button for switchboard call and one auxiliary service. Connects to decoders 1038/35. Possibility of connecting hands-free device 1138/55.
 1705/92	-	●	Arco	With receiver	-	For use with Arco b/n monitor 1715/1
1732/92	-	●	Scaitel	-	-	For use with colour monitor 1732/42 on concierge switchboard
1703/92	-	●	Utopia	With receiver	-	For use with 4" colour monitor Utopia 1703/1
1703/94	-	●	Utopia	Hands-free	-	For use with 4" colour monitor Utopia 1703/2
1703/98	-	●	Utopia	Hands-free	-	For use with 4" colour monitor Utopia 1703/17
1707/94	-	●	Imago	Hands-free	-	For use with 4" colour monitor Imago 1707/1

See the dedicated section for more information on entry panels, loudspeaking units and apartment stations.



1038/74



1038/73



1038/56



1038/90

## ACCESSORIES

- 
-  **1038/74** **Sinthesi alphabetic keypad**  
 Combined to Ref. 1038/13 call modules for using alphanumeric codes. Backlit buttons. One Sinthesi module in size. Supplied without flush-mounting box, frame or module holder case.
- 
-  **1038/73** **K-Steel add-on alphabetic keypad**  
 Combined to Ref. 1038/16 call modules for using alphanumeric codes. Backlit buttons. One K-Steel module in size. Supplied without flush-mounting box, frame or module holder case.
- 
-  **1038/56** **Multilingual programming terminal**  
 With keypad and backlit 4 x 16 character LCD display. Suitable for programming digitizer and decoder control modules. Power by 9 Vdc alkaline battery or 12 Vdc from connection wire directly from the system.
- 
- 1038/17** **16-button expansion module for digital systems**  
 For use with 1072/19A, 1038/62, 1038/5, 1038/7, 1072/5, 1072/7, 1082/72, 1082/7 loudspeaking units to expand the number of buttons in addition to those managed directly by the loudspeaking units themselves. For use with 1038/62-5-7 loudspeaking units.
- 
-  **1038/90** **Passive socket on DIN bar. Bar fitted, 2 DIN modules**  
 Suitable for centralised programming of DIN call modules in system using programming terminal Ref. 1038/56.
- 
- 1038/67** **Digivoice/4+n voice adapter**  
 For using Agorà Urmet Domus telephone switchboard use in apartment. Manages 4+n type audio output. May be connected to telephone switchboards or use in a mixed Digivoice and 4+n system. Ready for wall mounting. Consumption: 2,5 mA
- 
- 1038/69** **Video switch 4 IN - 1 OUT Ready for wall mounting**  
 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. Dimensions: 120 x 120 x 55 mm. Consumption: 10 mA
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## ACCESSORIES

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<b>1038/70</b>	<b>Adapter between concierge switchboard and telephone interface or PABX</b> Allows to transfer calls from main loudspeaking units and extensions to the switchboard and to any telephone connected to a PABX or telephone interface. Board to be inserted in concierge switchboard Ref. 1038/40.
<b>1038/80</b>	<b>Special Digivoice decoder for supplementary activations</b> Suitable for activating supplementary functions (staircase lights, gate, etc.). Controlled from appropriately programmed apartment stations and entry panels. With NO or NC contact relay. May be controlled locally by means of a button. Contact may be monostable or toggle. Wall mounted. Consumption: 10 mA Timer: up to 60 minutes. Maximum switchable voltage: 30Vdc 250Vac. Maximum switchable current: 5A.
<b>1038/68</b>	<b>Relay device for Digivoice video systems</b> Optimises video applications in Digivoice installations, specifically on double video door phone channel. Synchronises audio and video signals. Wall-mounted.
<b>1032/9</b>	<b>Relay device for special systems</b> Video signal switching relay.
<b>1138/55</b>	<b>Optional hands-free circuit for speaker door phone 1138/6 and 1138/7</b> Board suitable for fitting in hands-free door phones 1138/6 and 1138/7 for activating free-hands conversation function.



# ANALOGUE SYSTEMS



Advice for use:

**Blocks of flats and condos**

Discover the Urmec range  
of traditional and wireless ringers  
page 59

Urmec analogue systems provide answers to all needs and any styles chosen the user for apartment stations and entry panels

## COMPATIBILITY TABLE: STYLE

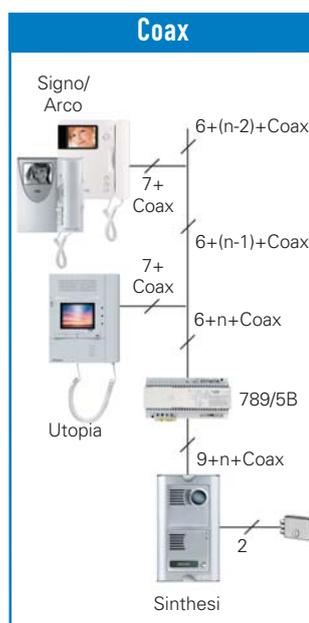
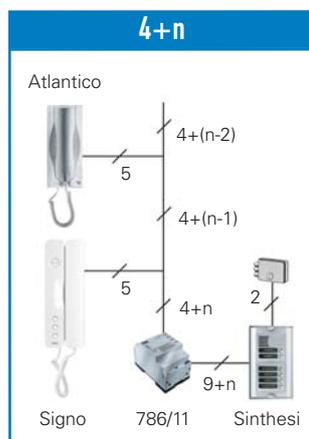
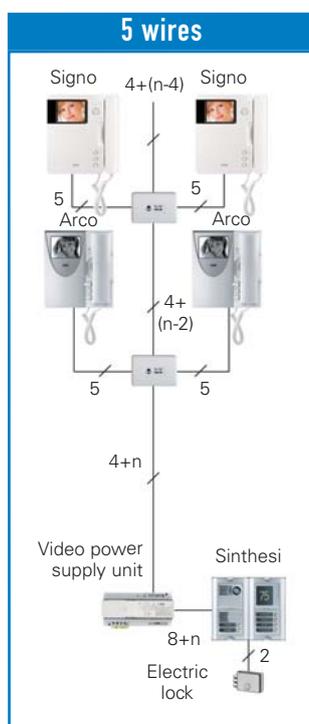
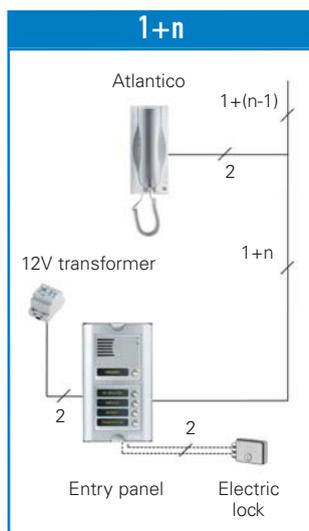
Imago	Signo	Utopia	Arco	Atlantico	1130
					
Exigo	Sinthesi	K-steel	Smyle	Mod. 725	
					

Refer to the pages describing the various single products for technical details on the apartment station styles and on the entry panels which can be used in the system.

## COMBINATION KITS

Video Coax	Video 5 wires	Audio 4+n
1715/621, 1715/622	1715/601, 1715/602	1133/301, 1133/302

For kit details, see pages 123 / 125.



## Audio systems

Audio systems offer the fundamental functions of a system (call, audio and door opening).

There are two installation types: 4+n and 1+n.

### 4+n

4+n systems have a riser column with 4 common wires plus n wires, where n is the number of calls to be managed.

Furthermore, door phones with traditional call (12 Vac buzzer) or electronic call (the speaker of the door phone itself is used to generate the call tone) may be used in 4+n systems. Systems may be created with intercom conversation privacy to the loudspeaking unit. Several automatically switching entrance doors may be catered for.

### 1+n

The 1+n audio system was created to transform a traditional bell system into a complete door phone system without needing to add wires to the column and ensuring conversation privacy between the various apartments.

## Video systems

Analogue video systems derive from the 4+n and 1+n audio systems and may be split into two types: coax systems and 5-wire systems.

### Coax video systems

4+n door phones with electronic call are used in coax systems. A very high number of combinations are possible, with both b/w and colour video door phones. The coax cable allows great distances between camera and monitors and allows to create the same system types as a 4+n audio system.

### 5-wire systems

The 5-wire system derives from the 1+n audio system and is suitable for transforming 4+n audio systems into video systems without adding a coax or other wires in the riser column.

The audio/video analogue systems are suitable for small to medium sized installations because one wire is needed in the riser column for each call.



# ANALOGUE SYSTEMS



Imago 1707/1



Signo 1740/40



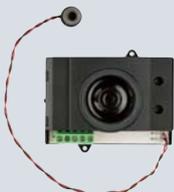
Utopia 1703/17



Arco 1715/1



824/500



1128/500

## BRACKET COMPATIBILITY AND SYSTEMS WITH VIDEO APARTMENT STATION

Monitor	5 wires	Coax
Imago	–	1707/90
Signo	1740/955	1740/90 - 1740/86 (with add-on)
Signo b/w	1740/955	1740/90 - 1740/86 (with add-on)
Utopia with handset	1703/955	1703/90
Utopia hands-free	–	1703/91
Arco	1705/955	1705/90

## DOOR PHONE - SYSTEM COMPATIBILITY

Door phone	1+n	4+n
Signo	–	1140/1 (white) - 1140/41 (anthracite) 1140/42 (platinum) - 1140/12 (white)
Atlantico	1133/35A	1133 (white) - 1133/1 (white)
Mod. 1130	–	1130/1 (ivory) 1130/50 (white) - 1130/55 (white)

## 4+N AUDIO LOUDSPEAKING UNITS

824/500	Slim audio loudspeaking unit for Exigo entry panel
1145/500	Audio loudspeaking unit for Sinthesi entry panel
1128/500	Audio loudspeaking unit for Mod. 725, Exigo e Smyle entry panels
1128/510	Audio loudspeaking unit for Mod. 725, Exigo e Smyle entry panels, 12 Vac power
5150/53	3-wire audio loudspeaking unit for Mod. 725 / Exigo entry panel
1155/20	Module with loudspeaking unit for K-steel entry panel
1155/21	Module with loudspeaking unit and one button for K-steel entry panel
1155/22A	Module with loudspeaking unit and two buttons for K-steel entry panel
1145/510 <b>new</b>	Sinthesi 12Vac audio entry panel

See the dedicated section for more information on entry panels, loudspeaking units and apartment stations.

● Colour.

## CAMERAS AND CAMERAS WITH LOUDSPEAKING UNIT FOR COAX VIDEO SYSTEMS

1810/40		Colour camera module for Exigo entry panel
1745/40		Colour camera with integrated loudspeaking unit for Smyle entry panel
1745/49		As 1745/40 but for 60 Hz systems
1745/41		Colour camera module with loudspeaking unit and one button for Sinthesi entry panel
1755/40		Colour camera module with loudspeaking unit and one button for K-steel entry panel
1755/41		Colour camera module with loudspeaking unit and one button for K-steel entry panel
1728/40**		Colour camera with integrated loudspeaking unit for Smyle entry panel
1810/70		B/W camera module for Exigo entry panel
1745/70		B/W camera module for Sinthesi entry panel
1745/79		As 1745/70 but with 60 Hz camera
1745/80		B/W camera module with loudspeaking unit for Sinthesi entry panel
1745/81		B/W camera module with loudspeaking unit and one button for Sinthesi entry panel
 1745/82		B/W camera module with loudspeaking unit and two buttons for Sinthesi entry panel
1755/70		CCD b/w manual pan and tilt camera with built-in light for coaxial systems, 50 Hz Dimensions (W x H): 125 x 106 mm.
1755/79		As 1755/70 but for 60 Hz systems Dimensions (W x H) 125 x 106 mm.
1755/80		B/W camera module with loudspeaking unit for K-steel entry panel
1755/81		B/W camera module with loudspeaking unit and one button for K-steel entry panel
 1728/80		B/W camera with integrated loudspeaking unit for Smyle entry panel
725/600		B/W camera module for Mod. 725 entry panel



1745/82



1728/80



1145/67



1035/67

## 1+n AUDIO LOUDSPEAKING UNITS

 1145/67		Audio loudspeaking unit for Sinthesi entry panel
 1035/67		Audio loudspeaking unit for Mod. 725 entry panel
1155/30**		Module with loudspeaking unit for K-steel entry panel
1155/31		Module with loudspeaking unit and one button for K-steel entry panel
1155/32A		Module with loudspeaking unit and two buttons for K-steel entry panel

## CAMERAS AND CAMERAS WITH LOUDSPEAKING UNIT FOR 5 WIRE VIDEO SYSTEMS

1810/40		Colour camera module for Exigo entry panel to be used in combination with 1742/13A board.
1745/40		Colour camera module for Sinthesi entry panel to be used in combination with 1742/13A board.
1755/45		Colour camera module for K-steel entry panel
1745/49		Colour camera module for Sinthesi entry panel to be used in combination with 1742/13A board, 60 Hz
1745/79		As 1745/70 but for 60 Hz systems to be used in combination with 1742/13A. Dimensions (W x H) 125 x 106 mm.
1810/70		B/W camera module for Exigo entry panel to be used in combination with 1742/13A board.

\*\* Contact the sales network for availability.  Colore.



1745/22



725/600



786/11



786/13



9000/230

**CAMERAS AND CAMERAS WITH LOUDSPEAKING UNIT FOR 5 WIRE VIDEO SYSTEMS**

1745/20	B/W camera module with loudspeaking unit for Sinthesi entry panel
1745/21	B/W camera module with loudspeaking unit and one button for Sinthesi entry panel
1745/22	B/W camera module with loudspeaking unit and two buttons for Sinthesi entry panel
1755/30A	B/W camera module for K-steel entry panel
1755/39A	As 1755/30A but for 60 Hz systems Dimensions (W x H) 125 x 106 mm.
1755/20**	B/W camera module with loudspeaking unit for K-steel entry panel
725/600	B/W camera module for Mod.725 entry panel to be used in combination with 1742/13A board.

**DOOR PHONE POWER SUPPLY UNIT**

Code	Dimensions (W x H x D) mm	DIN mod.	Electrical specifications	No. of devices called in parallel	Notes
786/11	61 x 54 x 90	3	Power: 230Vac Audio circuit: 6Vdc@0.12A Electric lock power 12Vdc@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	4 with electronic call 2 with traditional call	Device with call generator to be used in basic 4+n door phone systems. Use bracket kit 786/50 for fixing to the wall. Replaces 786/1, 786/14, 786/38 and 9006/1.
789/12	61 x 54 x 90	3	Power: 110Vac Audio circuit: 6Vdc@0.12A Electric lock power 12Vdc@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	4 with electronic call 2 with traditional call	Device with call generator to be used in basic 4+n door phone systems. Use bracket kit 786/50 for fixing to the wall. Replaces 786/14, 786/38.
786/13	61 x 90 x 108	6	Power: 230Vac Audio circuit: 6Vdc@0.12A Electric lock power 12Vdc@2.4A Tone generator: 8Vpp Intercom audio circuit: 3.5-6.5@0.12A Max. relay contact power: 5A @ 12Vac Power dissipated after one hour of work: 4.2 W Transformer power: 28VA	4 with electronic call 2 with traditional call	Device for 4+n audio systems provided with 2 call generators for differentiating calls from loudspeaking units. A timed relay (2-25s) is provided to control the electric lock in case of long distance between loudspeaking unit and apartment station. Replaces 786/1, 786/14, 786/38 and 9006/1.
786/15	61 x 90 x 108	6	Power: 230Vac Audio circuit: 6Vdc@0.12A Electric lock power 12Vdc@2.4A Tone generator: 8Vpp Intercom audio circuit: 3.5-6.5@0.12A Relay contact capacity (7-8-9): 5A @ 12Vac Relay contact cap. 1-2-3 and 4-5-6): 5A @ 12Vac Power dissipated after one hour of work: 4.2 W Transformer power: 28VA	4 with electronic call 2 with traditional call	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 units.
9000/230	54 x 83 x 58,5	3	Power: 230Vac Secondary output: 12Vac@1.3A Transformer power: 18 VA	2 with traditional call	Transformer provided with PTC self-resetting protection in event of short-circuit.
9000/110	54 x 83 x 58,5	3	Power: 110Vac Secondary output: 12Vac@1.3A Transformer power: 18 VA	2 with traditional call	Transformer provided with PTC self-resetting protection in event of short-circuit.

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

\*\* Contact the sales network for availability.

**VIDEO DOOR PHONE POWER SUPPLY UNITS**

Code	Dimensions (W x H x D) mm	DIN mod.	Electrical specifications	Functions	Notes
 <b>789/5B</b>	180 x 75 x 97	10	Power: 230Vac Audio circuit: 6Vdc@0.2A Electric lock power 12Vdc@2A Tone generator: 8Vpp Consumption: 200mA Timed output: 18Vdc@0.85A; 16Vdc@0.23Vac Timer: 45-180s Power dissipated after one hour of work: 5.7 W Transformer power: 38VA	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.	Used for powering video door phone systems with electronic call. Provided with self-resetting PTC protection, adjustable timer and call generator. Device 786/51 is needed in intercom systems.
<b>789/6B</b>	180 x 75 x 97	10	Power: 110Vac Audio circuit: 6Vdc@0.2A Electric lock power 12Vdc@2A Tone generator: 8Vpp Consumption: 200mA Timed output: 18Vdc@0.85A; 16Vdc@0.23Vac Timer: 45-180s Power dissipated after one hour of work: 5.7 W Transformer power: 38VA	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.	Used for powering video door phone systems with electronic call. Provided with self-resetting PTC protection, adjustable timer and call generator. Device 786/51 is needed in intercom systems.
<b>789/2</b>	126 x 75 x 97	7	Power: 230Vac Consumption: 150mA Timed output: 18Vdc@0.65A Power dissipated after one hour of work: 4.2 W Transformer power: 28VA	The device allows to switch on one video door phone only.	Used in combination with 789/5B with local power supply to switch on various video door phones at the same time. Replaces power supply unit 7073/5.
<b>789/4</b>	126 x 75 x 97	7	Power: 110Vac Consumption: 150mA Timed output: 18Vdc@0.65A Power dissipated after one hour of work: 4.2 W Transformer power: 28VA	The device allows to switch on one video door phone only.	Used in combination with 789/5B with local power supply to switch on various video door phones at the same time. Replaces power supply unit 7073/5.
 <b>789/3</b>	126 x 75 x 97	7	Power: 230Vac Consumption: 200mA Timed output: 18Vdc@ 1.35A Power dissipated after one hour of work: 5.7 W Transformer power: 38VA	The device is used to switch on two Arco monitors or three Imago/Signo/Utopia monitors at the same time.	Used in combination with 789/5B with local power supply to switch on various video door phones at the same time. Replaces power supply unit 7073/5.
 <b>789/1</b>	360 x 75 x 97	20	Power: 230/110 Vac. Audio circuit: 6Vdc@0.2A Electric lock power 12Vdc@2A Tone generator: 8Vpp Consumption: 250mA Timed output: 18Vdc@0.85A; 16Vdc@0.23Vac Timer: 45-180s Power dissipated after one hour of work: 7.5 W Transformer power: 50VA	The device allows to: - call up to 2 devices with electronic call - switch on only one monitor	Used for powering video door phone systems with electronic and traditional call. Provided with self-resetting PTC protection, adjustable timer and call generator. Replaces power units 7073/1 and 7073.
<b>1840/44</b>	36 x 75 x 103	2	Input voltage: 18-21Vdc Output voltage: 12Vdc Max. power: 3W	-	Voltage adapter to be used to power CCTV cameras at 12Vdc.

Type-approval: IMQ-CE- CEI EN 60065


**789/5B**

**789/3**

**789/1**

RELAY BOXES, TONE GENERATORS, TIMERS AND LINE PROTECTIONS



788/51



788/54



788/52



1032/81



787/1

Code	Dimensions (W x H x D) mm	DIN mod.	Electrical specifications	Notes
 788/51	108 x 90 x 55	6	Power: 12Vdc Consumption: 0.18A@12Vac Relay contact capacity (7-8-9): 5A@12Vac Max. contact power: 1A@12Vac	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	216 x 90 x 64	12	Power: 12Vdc Consumption: 0.18A@12Vac Max. relay contact power: 5A@30V Max. contact power: 2A@100V	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	108 x 90 x 55	6	Power: 12Vdc Consumption: 0.18A@12Vac Max. relay contact power: 5A@30V Max. contact power: 2A@100V	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	54 x 64 x 90	3	Power: 12Vac Consumption: 0.18A@12Vac Max. relay contact power: 5A@30V	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	47 x 58 x 15	-	Power: 12Vac Consumption: 200mA@12Vdc Max. relay contact power: 5A@12Vac Timer 1-30s	Relay used for repeating electronic/traditional calls. It is provided with an output and can be installed inside the doorphone.
 1032/81	72 x 90 x 75	4	Power: 12-24Vdc/Vac Consumption: 200mA@12Vdc Max. relay contact power: 5A@12Vac	Electric lock timer.
1038/69	120 x 120 x 55	-	Power: 12-24Vdc/Vac Consumption: 300mA	Video switch for cyclically switching up to 4 CCTV cameras to a single output.
789/51	36 x 75 x 103	2	Power: 6Vdc Consumption: 50mA	Electronic impedance to be used in combination with the 789/5B power supply unit with coaxial and intercom service.
 787/1	75 x 72 x 103	4	Power: 12Vac Consumption: 250mA@12Vac	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	75 x 72 x 103	4	Power: 12Vac Consumption: 250mA@12Vac	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.
1332/85	36 x 90 x 58	2	Max. load: 4000VA Max. current: 20A	230Vac power line protection device. To be used near the device to be protected.
1332/86	37 x 90 x 58	3	Max. load: 4000VA Max. current: 20A dB attenuation: 60dB@2MHz	Radiofrequency filter on 230Vac feeding line. To use in case of radiofrequency interference on the system.

## ACCESSORIES FOR 4+n AUDIO AND COAX VIDEO SYSTEMS

<b>786/50</b>	<b>Wall fastening bracket kit</b> Provided with DIN guide, 2 wall anchors and screws and 2 lids for fixing power supply unit 786/11 and relay box 788/52 to the wall outside the DIN module panel.
<b>1794/4A</b>	<b>4 output video distributor for coax systems</b> Distributes video signal to floor; power at 15-18Vdc. Dimensions: (W x H x D) 95 x 64 x 28 mm
<b>1131/4</b>	<b>10 diode box</b> For use in 4+n audio and coax systems with intercom function.
<b>7057/234</b>	<b>14 wire cable + coax</b> 100m reels, external diameter of cable 17 mm; sections: 2 x 0.8 mm <sup>2</sup> , 6 x 0.5 mm <sup>2</sup> , 6 x 0.35 mm <sup>2</sup>
<b>7057/235</b>	<b>8 wire cable + coax</b> 100m reels, external diameter of cable 15 mm; sections: 2 x 1 mm <sup>2</sup> , 2 x 0,8 mm <sup>2</sup> , 3 x 0,35 mm <sup>2</sup> , 1 x 0,5 mm <sup>2</sup>

## ACCESSORIES FOR 1+n AUDIO AND 5-WIRE VIDEO SYSTEMS

 <b>1742/13A</b>	<b>Camera adapter device</b> This is used to adapt a camera with video signal on coax cable in VOP systems.
<b>955/40</b>	<b>4 output video distributor for 5-wire systems</b> Distributes video signal to floor; power at 15-18Vdc. Dimensions: (W x H x D) 95 x 64 x 28 mm
<b>1145/74</b>	<b>Conversation privacy device for Sinthesi and K-steel entry panels</b> One every four users.
<b>1035/25</b>	<b>Conversation privacy device for Mod. 725 entry panels</b> One every four users.
<b>1110/74</b>	<b>Conversation privacy device for Exigo entry panels</b> One every four users.



1742/13A



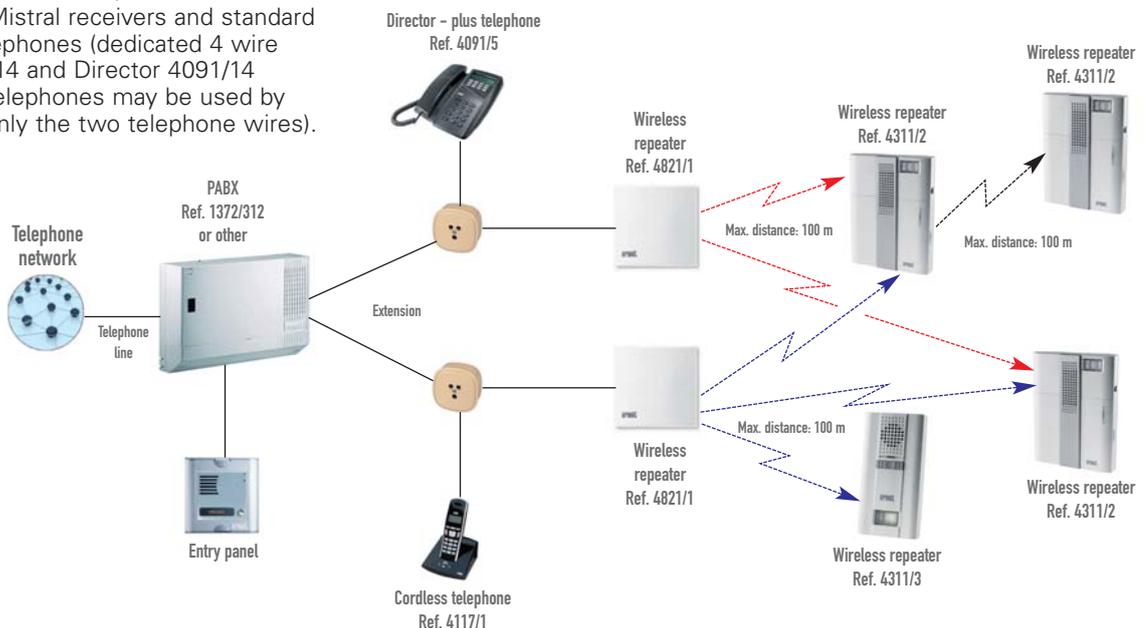
# RINGERS



Urmec 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.**  
**All wireless:** for installation convenience because no wire connections are needed, particularly appreciated when working on existing systems.

Furthermore, the wireless solution means that portable receivers can be used: these are particularly useful for villa or condo superintendents, convalescents and for convenient use.  
 The wireless ringer reception range reaches 150 or 200 metres according to the model.

Example of use of 4821/1 transmitter with PABX, Mistral receivers and standard analogue telephones (dedicated 4 wire Studio 4095/14 and Director 4091/14 and 1362/6 telephones may be used by connecting only the two telephone wires).





# RINGERS



9854/42



4311/701



4311/702



4311/2



4311/3



4821/1



4311/11

## TRADITIONAL RINGERS

Code	IPervoice	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n	Notes
9854/40	-	-	-	-	-	• (traditional call)	-	Consumption: 135mA@ 12Vac
9854/41	-	-	-	•	•	• (electronic call)	•	
☑ 9854/42	-	-	-	•	•	•	•	Emits a three-note tone and can be customised. 9Vdc battery needed.
1072/59	•	•	•	-	-	-	-	Emits a three-note tone and can be customised. 9Vdc battery needed.

Dimensions (W x H x D) 80 x 80 x 32 mm

## Mistral wireless ringers

The ring tone can be chosen. Repeater function: the distance between ringer and calling button can be increased by connecting a calling button on a second wireless ringer. By using a call repeater 4311/13, a call can be repeated to a Mistral ringer installed in any system. Transmission frequency: 868.35Mhz.

Alarm function: press the transmitted button for longer than 2s to generate an alarm signal which is different from the chosen sound.

☑ 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.

☑ 4311/702\*\* Mistral kit with call button and wireless ringer  
The kit consists of a repeater button 4311/11 and a ringer with a range of 100 m, flash function and three selectable ring tones.

4311/703\*\* Mistral kit with call button and wireless ringer  
The kit consists of a repeater button 4311/11 and a ringer 4311/3 with a range of 150 m, flash function and twenty selectable ring tones.

## RINGERS

☑ 4311/2 Mistral Wireless ringer, range 200 m  
Powered by 4 AA batteries 1.5V; 6 selectable ring tones and alarm function.

☑ 4311/3 Mistral Wireless ringer, range 150 m  
Power: 230Vac; 12 selectable ring tones and alarm function.

## TRANSMITTERS

☑ 4821/1 **new** Wireless telephone repeater  
The device recognises analogue line calls (local line or PABX extension) and sends a radio signal to a MISTRAL receiver UTD 4311/2 or 4311/3 located within the coverage field. The receiver emits the acoustic signal. The device may be powered by an internal battery or external adapter, such as UTD 1092/800 (12Vdc), also suitable for the receiver UTD 4311/2.  
- Open field range: 100 m.  
- Degree of protection: IP54.  
- Transmission frequency: 868.35 MHz.  
- Installation: wall mounted.  
- Power: 230Vac from adapter (12 Vdc) or battery 9V (not included)

☑ 4311/11\*\* Mistral transmitter button  
Provided with call LED can be fixed to the wall. Power 12 Vdc.

4311/13\*\* Mistral call repeater  
To be connected in parallel to the apartment station. 9Vdc power.

• Yes. \*\* Contact the sales network for availability.



# APARTMENT STATIONS

## Design and versatility

The Urmet apartment unit range is the most complete and flexible on the market, offering a wide variety of door phone styles and monitors, all compatible with analogue and digital systems.

Technology and design are key in the development of all new products: like the new Modo and Aiko hands-free devices and the new Folio soft-touch version, for technology suited to all styles.

### Urmet apartment stations: free to choose

Solutions for all styles:

-  **High class**
-  **Deluxe**
-  **Residential**



Technology and design are key in the development of all new products: like the new Modo and Aiko hands-free devices and the new Folio soft-touch version, for technology suited to all styles.

Ahead of European standards, Urmet has already developed a range of new products suitable for use in combination with hearing aids. Aiko, Folio and Signo can emit electromagnetic waves that are picked up by a hearing aid. Devices are compatible with all T compatible hearing aids (ETS 300381 and EN 60118).





**MODO new**  
Space for picture  
Page 62



**AIKO new**  
The elegant range  
Page 64



**FOLIO new**  
Style is soft-touch today  
Page 66



**IMAGO**  
Hands-free luxury  
Page 68



**UTOPIA**  
The two versions of style  
Page 74



**SIGNO**  
Streamline design  
Colour or b/w; three colour versions.  
Page 70



**ARCO**  
And you're home  
Page 78



**ATLANTICO**  
Ergonomics is at home  
Page 80



**1130**  
Classic  
Page 82



# MODO **new**

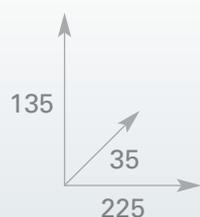


- **7" colour display with touch-screen menu**
- **Unlimited intercom calls from virtual keypad on screen**
- **Unlimited activations using virtual keypad**
- **Possibility of calling several switchboards or manned stations**
- **Management of two electric locks**
- **Selectable ring tones**
- **Surveillance camera scan cycle**
- **Mailbox query function**
- **Automatic door opener function**
- **Mute function with LED indicator**
- **Audio by means of two speakers**

Plenty of room for pictures with Modo. With a 7" colour display combined with the possibility of cyclically selecting the cameras to which the IPvoice can be connected, this monitor guarantees effective monitoring of all areas under video surveillance. Furthermore, the integrated video door phone mailbox system shows messages left by visitors who called the users while they were away. Modo is performance leader also for other video door phone functions: intercom calls, including calls to switchboard, have no limit and each name can be directly called up using the virtual keypad on screen, for additional practicality. Furthermore, audio feed to the outside can be cut off during hands-free communications for additional conversation privacy. Audio efficiency is optimal using two high power speakers. Audio management is free offering several ring tones to choose from. The ringer can be turned off using the mute function with LED indicator.

## MODO AND SYSTEM COMPATIBILITY TABLE

IPvoice



Dimensions  
(H x W x D) mm  
(9 mm protrusion  
from wall)

**modo**



There is more freedom and versatility: this monitor can autonomously manage two electric locks. Modo implements state-of-the-art technology in minimum design at home: only one frame, with smooth shapes and careful choice of materials.

Technology within hand's reach. Function management is simple with Modo. The touch-screen menu guides all operations. A user-friendly icon system facilitates command use with the same ease as a mobile phone.



**VIDEO DOOR PHONE new**

**1717/1**

7" touch-screen colour monitor. Connection to IPervoice riser column with UTP CAT5/5e/6 cable and RJ45 connector. Floor call ready. Panic button input. Allows to all any system user by means of a virtual keypad on screen. No separate bracket needed.

Colour.



# AIKO **new**



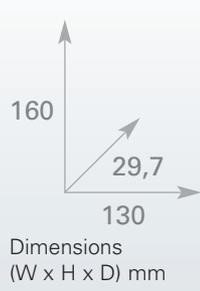
- 4.3" colour monitor OSD (On Screen Display) function with command display
- Soft-touch technology
- Management of up to 8 intercom calls with OSD menu
- Quality materials
- Wall mounted with flush-mounting options (using dedicated box)
- Integrated hearing aid setup



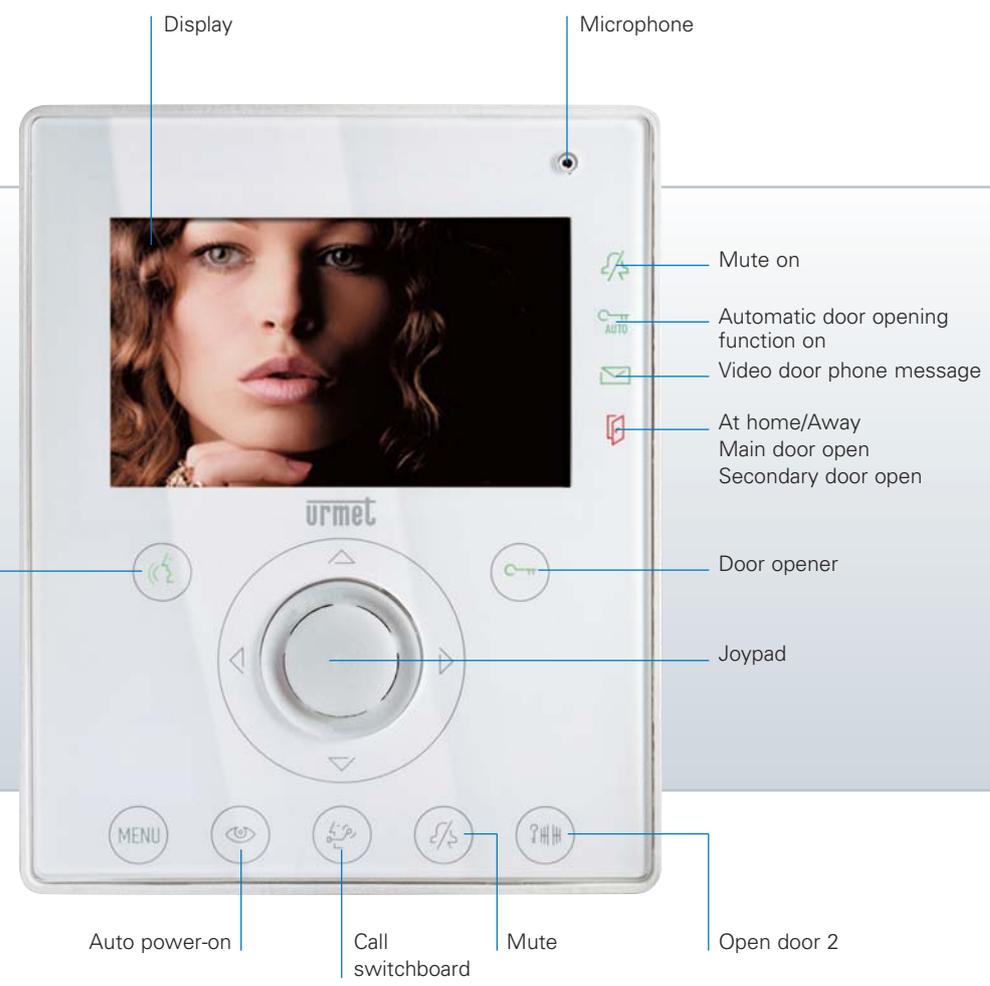
Quality materials, advanced functions, small dimensions. The new Aiko hands-free video door phone is available in two colours, black and white, for all market needs. It has a striking clean-cut, minimalist design. Each command is managed simply by tapping on the front: this is the benefit of soft-touch technology which leaves lines unchanged and activates call functions, audio, door opener and other supplementary services, such as differential floor calls, door open indication, second electric gate opener and staircase light switch functions. The 4.3" colour OSD ensures excellent viewing from all angles. The menu is easy to use with user-friendly icons: the menu can be accessed at any time, even during calls, to adjust the audio volume, contrast, colour and brightness.

## AIKO AND SYSTEM COMPATIBILITY TABLE

2Voice



**aiko**



**Audio button**  
Press this button after receiving a call to establish a hands-free conversation with the entry panel. Hold this button pressed for at least two seconds to activate PTT (Push to Talk) mode and switch from full-duplex to half-duplex (walkie-talkie) mode. The function is activated automatically when loud external noises prevent hearing the door phone conversation in progress properly.



**COLOUR VIDEO DOOR PHONE new**

- 1716/1\* Aiko hands-free colour video door phone with 4.3" OSD  
Black front panel.

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- 1716/2\* Aiko hands-free colour video door phone with 4.3" OSD  
White front panel.

**ACCESSORIES new**

- 1716/60\* Flush-mounting box with one white frame and one black frame

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- 1716/50\* Table-top stand

Colour. \* To be released soon: contact the sales network for availability.



# FOLIO



- 3.5" colour display with all controls on OSD
- Deluxe design, two colours (black and white), shiny high-tech finish
- Customisation display colours and tones
- Adjustable by means of joy pad
- Minimum protrusion from the wall
- Soft-touch technology **new**
- Integrated hearing aid setup



The Folio hands-free video door phone is a monitor where technology and design meet. A small luxury object for high performance designed with care for details. Resulting from the collaboration between the Urmet Engineering Office and Antonio Citterio, Folio is the answer for who is looking for a stylish modern design, new materials (such as the shiny polycarbonate screen, in two colours black or white) and concrete, up-to-date solutions. Like the control mode: all functions are controlled using soft-touch technology. Furthermore, each command is shown on the display using graphic icons. Folio can manage simple video door phone functions and the typical features of the modern systems with which it interfaces. Communication with other system users is easy and flexible using a 32 name directory.

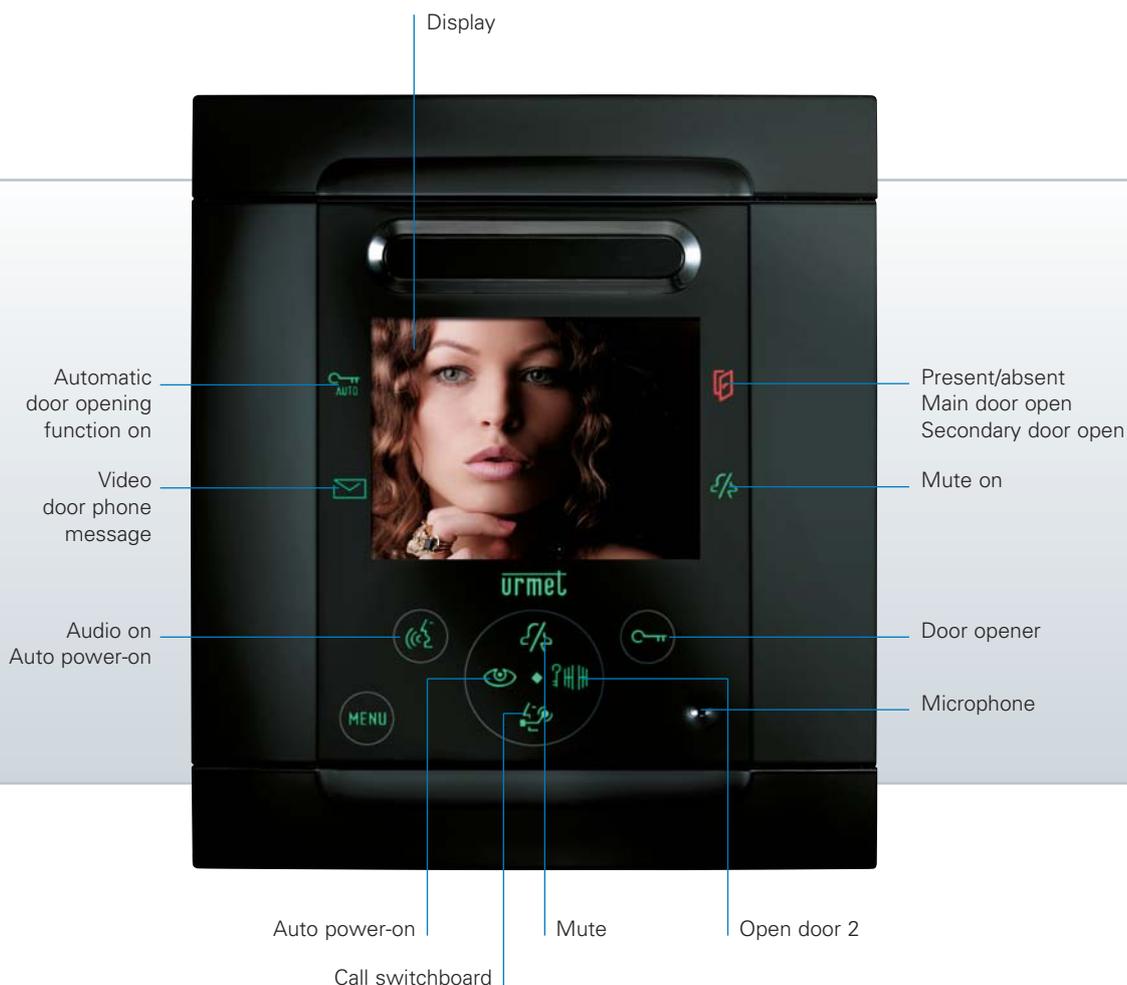
## FOLIO AND SYSTEM COMPATIBILITY TABLE

2Voice

IPervice

170  
54  
148  
Dimensions  
(H x L x P) mm  
(9 mm protruding)

folio



## FOLIO SOFT-TOUCH COLOUR VIDEO DOOR PHONE SYSTEM - SYSTEM COMPATIBILITY

Code	2Voice	IPvoice	Colour	Notes
1706/5*  new	●	-	Black	Folio flush-mounted video door phone.
1706/6*  new	●	-	White	Folio flush-mounted video door phone.
1706/7  new	-	●	Black	Folio flush-mounted video door phone.
1706/8  new	-	●	White	Folio flush-mounted video door phone.

## ACCESSORIES

**1706/60** Flush-mounting box for Folio hands-free video door phone  
Black ABS plastic.  
Dimensions: 131 (W) x 129 (H) x 53 (D) mm.

**1706/61** Kit for installing Folio speaker monitor on plasterboard wall  
Consists of 2 brackets for fitting flush-mounting box 1706/60 on a plasterboard wall.

Colour. \* To be released soon

**NOTE:** All models in the table are provided with soft-touch technology and TFT 3.5" colour display.  
Dimensions (HxWxD) 170x148x54 mm with only 9 mm protrusion from wall.



1706/5 -/7



1706/6 -/8



# IMAGO

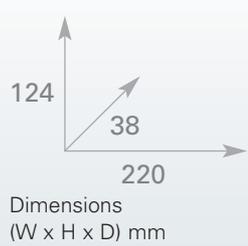


- Hands-free full duplex audio
- High-performance keypad control technology
- Top quality material for a black i-pod look
- Streamline, sharp design with OSD 4" colour display

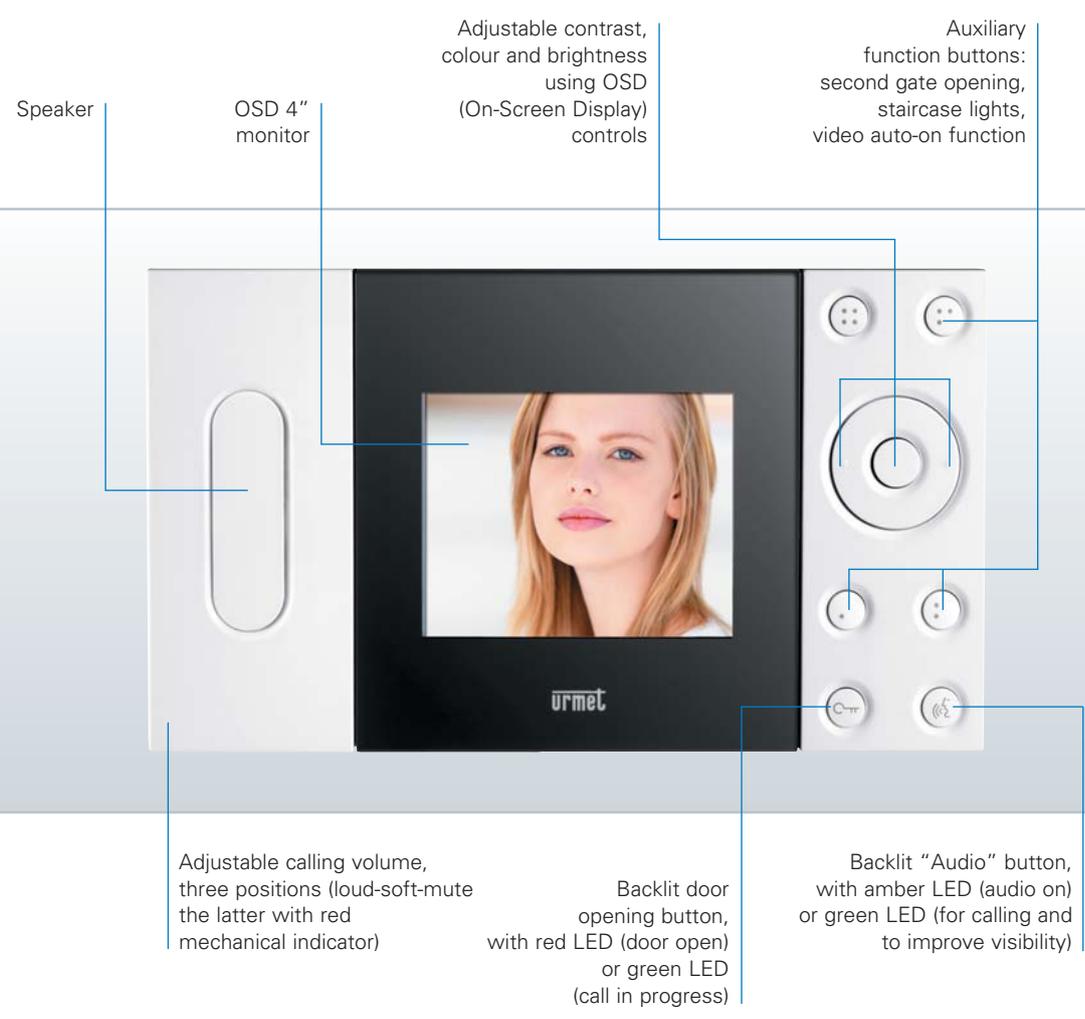
Imago is the new Urmet hands-free full-duplex video door phone provided with OSD 4" colour display for perfect viewing from all angles. Its clean-cut design and high gloss case are a technology - as well as style - statement. Ideal for an increasingly more demanding market, Imago has a keypad with a wide range of control options: in addition to the typical video door phone functions (calling, audio, opening the door), it can be used to manage various supplementary services, such as differentiated floor calls, open door indicator, opening a second electric gate opening or turning the staircase lights on. Some buttons are backlit and indicate the monitor state (e.g. if a call is in progress or audio is on) and faults (e.g. door open) for simplified use and at-a-glance control of all functions. Contrast, colour and brightness can be directly controlled on display using OSD functions.

## IMAGO AND SYSTEM COMPATIBILITY TABLE

IPervice	Digivoice	Coax
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# Imago



## VIDEO DOOR PHONE

1707/1 Imago colour video door phone (50-60 Hz.)

## SYSTEM BRACKETS

Code	IPvoice	Digivoice	Coax
1707/95	•	-	-
1707/94	-	•	-
1707/90	-	-	•

## ACCESSORIES FOR IMAGO VIDEO DOOR PHONE

- 1707/50 Table-top kit for door phones, white  
Provided with socket and 1.5 m long wire without bracket.
- 1707/60 Embedding box with frame for Imago video doorphone  
Dimensions: embedding box (L x H x D) 237 x 147 x 48 mm, frame (L x H) 250 x 154 mm.

Colour.





# SIGNO



- **High gloss finish (white version)**
- **Total flat minimum dimensions**
- **Versatile: b/w and colour versions, audio versions**
- **Three different colours: white, anthracite and platinum**
- **Integrated hearing aid setup**



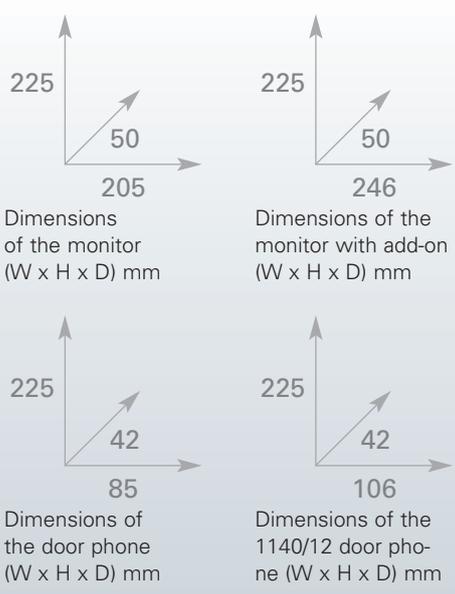
Minimal, stylish and extra-slim designed by Citterio. Signo audio and video door phones are the smallest their kind on the market: it is very compact and is only 5 cm thick.

Signo is ideal for all decors, thanks to its great style and versatile finish. Three colours are available: shiny white, anthracite and platinum.

The harmonious, perfectly flat surface has no sharp edges: profiles are rounded, like the user-friendly buttons (door opener plus 3 auxiliary buttons for operating secondary services, such as switching on the staircase lights, opening a secondary lock and intercom calls).

The Signo black and white or colour video door phone is the ideal combination of quality and convenience: the LCD display 4" in size (colour version) or 4.5" (black and white).

The Signo video door phone manages electronic calls through a dedicated speaker positioned under the microphone and is compatible with all the main Urmet video door phone systems.



# signo



Backlit door opening button with green LED

Colour or B/W version display

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

Call volume is adjustable by means of a three-position potentiometer (loud-soft-mute, the latter with mechanical red indicator). The key button has a green light. The button add-on with six buttons, a switch and two LEDs can be used to increase performance: the LEDs can be conveniently connected to indicate, for example, door open, call transfer, and so forth, while the switch is used to transfer the call towards another device. Signo can be installed on table top using a transparent support, harmonising the monitor design and allows to simply hang up the handset. Wiring is extremely simple and practical. Urmet brackets can be used to connect Signo to the most important analogue and digital systems. The apartment station is ready for operation with hearing aids capable of picking up the electromagnetic waves emitted by the apartment unit speaker.

**new** New versions: platinum and anthracite.



DOOR PHONE AND VIDEO DOOR PHONE SIGNO AND SYSTEM COMPATIBILITY TABLE						
2Voice	IPervice	Bibus VOP	Coax	5 wires	4+n	



# SIGNO mod. 1740 - 1140

## BRACKET-LESS VIDEO DOOR PHONES COMPATIBLE WITH ALL SYSTEMS

Code	Dimensions (W x H x D) mm	Colour	Version
1740/1	225 x 205 x 50	White	B/W
1740/18	225 x 205 x 50	White	B/W - As 1740/1 but for 60Hz
1740/40*	225 x 205 x 50	White	
1740/41* <b>new</b>	225 x 205 x 50	Anthracite	
1740/42* <b>new</b>	225 x 205 x 50	Platinum	

\* For 50 and 60 Hz systems.

## VIDEO DOOR PHONE WITH 2VOICE SYSTEM BRACKET

Code	Dimensions (W x H x D) mm	Colour	Version
1740/713 <b>new</b>	225 x 205 x 50	White	B/W
1740/753 <b>new</b>	225 x 205 x 50	White	

## SYSTEM BRACKETS

Code	2Voice	IPvoice	Bibus VOP	Coax	5 wires	Features
1740/954	-	-		-	-	
1740/95	-		-	-	-	
1740/90	-	-	-		-	
1740/955	-	-	-	-		
1740/86	-	-	-		-	Bracket with button add-on consisting of six buttons for intercom service and two LEDs for indicating system state: door open (red LED) and call transfer (green LED). White. Dimensions (W x H x D) mm 246 x 225 x 50.
1083/96		-	-	-	-	Add-on to be combined with the 2Voice bracket. For managing intercom calls. White.
1740/83 <b>new</b>		-	-	-	-	Ready for floor call connection.

Colour. Yes.



**DOOR PHONES FOR SYSTEMS**

Code	Dimensions (W x H x D) mm	2Voice	IPvoice	Bibus VOP	4+n	Features
 <b>1140/1</b>	225 x 85 x 42	-	-	-	•	Door phone set up with three supplementary buttons, of which one is already available. White.
 <b>1140/41 new</b>	225 x 85 x 42	-	-	-	•	Door phone with three supplementary buttons. Anthracite.
 <b>1140/42 new</b>	225 x 85 x 42	-	-	-	•	Door phone with three supplementary buttons. Platinum.
 <b>1140/12</b>	225 x 106 x 42	-	-	-	•	Door phone with 10 supplementary buttons for intercom calls. White.
<b>1139/2</b>	225 x 85 x 42	-	•	-	-	Provided with three supplementary buttons.
<b>1172/50</b>	225 x 85 x 42	-	-	•	-	Door phone with two supplementary buttons for calling the switchboard and switching on staircase lights. White.
<b>1172/55</b>	225 x 85 x 42	-	-	•	-	Door phone with three supplementary buttons, call adjustment, floor call, 6 selectable ring tones and LEDs for indicating door open conditions. White.
<b>1183/2 new</b>	225 x 85 x 42	•	-	-	-	Provided with door opener button and three supplementary buttons.

**SIGNO DOOR PHONE AND VIDEO DOOR PHONE ACCESSORIES**

 <b>1740/92</b>	<b>Transparent Plexiglas table stand kit for Signo video door phone</b> With socket and 1,5m long wire, for use with brackets without button add-on. Dimensions (W x H x D) mm 152 x 222 x 185.
<b>1740/93</b>	<b>Transparent Plexiglas table stand kit for Signo video door phone with add-on</b> With socket and 1,5m long wire, for use with brackets with button add-on. Dimensions (W x H x D) mm 152 x 222 x 190.
<b>1140/50</b>	<b>Transparent Plexiglas table stand kit for Signo video door phone with socket and 1.5 m wire</b> Provided with socket and 1.5m wire. Dimensions (W x H x D) mm 200 x 95 x 158.
 <b>1140/51</b>	<b>Transparent Plexiglas table stand kit for Signo door phone with button add-on 1140/12</b> Provided with socket and 1.5m wire. Dimensions (W x H x D) mm 200 x 110 x 158.
<b>1140/56</b>	<b>Mute button kit and two LEDs for door phone</b> This is used to transfer the call to a second device, to check if the entrance door is open and to automatically open a lock after receiving a call.
<b>1140/53</b>	<b>Adjustable calling volume kit for Signo door phone</b> Insert in door phone to adjust calling volume intensity to three positions: min, medium, max.
<b>1140/55</b>	<b>8-button add-on kit for door phone</b> For use with door phones ready for fitting supplementary buttons. White colour.
<b>9854/52</b>	<b>Supplementary electronic buzzer for Signo video door phone</b> Fitted on monitor bracket, can be used as supplementary ringer for differentiating calls. Power: 12Vcc; calling consumption 60mA.
<b>9854/55</b>	<b>Supplementary electronic buzzer for Signo door phone</b> Fitted inside the door phone, can be used as supplementary ringer for differentiating calls. Power: 12Vcc; calling consumption 60mA.


**1140/1**

**1140/41**

**1140/42**

**1140/12**

**1740/92**

**1140/12 - 1140/51**



# UTOPIA



- 4" colour TFT display
- Handset or hands-free version
- Hands-free version installable on wall or flush mounted
- 60 Hz version too
- Ready for use with hearing aids

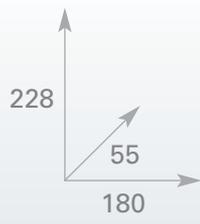


Utopia is a monitor with a character, intended for users with personality who like customising. This is stated in its style, its variants and its transformation capacities. Handset or hands-free versions are available.

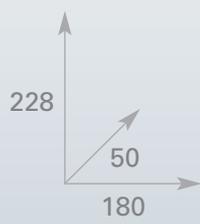
Its TFT 4" display guarantees bright, perfect pictures from all angles. The calling speaker is separated from the handset and calling volume is adjustable (mute function is indicated by a green LED on the front panel).

The main buttons are easy to access, while the colour, contrast and brightness controls are concealed under the flap to ensure a streamline appearance.

Model 1703/17 is hearing aid ready, while model 1703/37 (hands-free monitor) is compatible with the 1703/137 kit.



Dimensions (W x H x D) mm



Dimensions of the hands-free version (W x H x D) mm



Hands-free versions



Red LED for indicating when the door is left open

Volume controls under flap

Supplement service controls (three on handset version, two on hands-free version)

Mute ON

Back-lit door opening button

UTOPIA AND SYSTEM COMPATIBILITY TABLE			
Bibus VOP	Digivoice	Coax	5 wires



# UTOPIA mod. 1703



1703/17



1703/37



1172/43



1172/46

## VIDEO DOOR PHONES WITHOUT BRACKET

Code	Dimensions (W x H x D) mm	Model	Notes
 <b>1703/17</b> 	180 x 228 x 55	With handset	Compatible with European standard for use with hearing aid. White.
 <b>1703/37</b> 	143 x 225 x 53	Hands-free function	Video door phone can be flush-mounted using flush-mounting box 1703/60. Compatible with European standard for use with hearing aid with the addition of kit 1703/137. White.

## UTOPIA DOOR PHONE FOR BIBUS SYSTEM

Code	Dimensions (W x H x D) mm	Model	Notes
 <b>1172/43</b>	194 x 90 x 34	Hands-free function	Adjustable call volume kit. Full duplex button for staircase lights. White.
 <b>1172/46</b>	228 x 180 x 55	With handset	Call volume adjustment. Mute with visual indication. Three additional service buttons: switchboard call, staircase lights, etc. Automatic door opening function after call. White.
<b>1172/63</b>	194 x 90 x 34	Hands-free function	Like 1172/43 with floor callm the possibility to connect an additional chime.

 For hearing impaired.



1703/90



1703/955

## SYSTEM BRACKETS

Code	Compatible video door phone	Bibus VOP	Digivoice	Coax	5 wires
 1703/90 	1703/17 e /1	-	-	●	-
 1703/955 	1703/17 e /1	-	-	-	●
1703/92 	1703/17 e /1	-	●	-	-
1703/957	1703/17 e /1	●	-	-	-
1703/91 	1703/37 e /2	-	-	●	-
1703/94 	1703/37 e /2	-	●	-	-
1703/95	1703/37 e /2	●	-	-	-

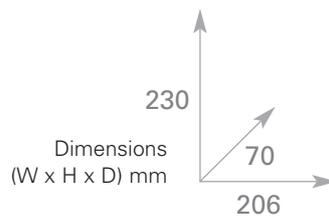
 Brackets provided with white and light grey support.

## ACCESSORIES

1703/60	Flush-mounting box for hands-free video door phone Dimensions: 155 W x 240 H x 55 D mm
1703/61	Kit for installing Utopia speaker video door phone on plasterboard wall
1703/137 	Microphone support for use with hearing aids For use in combination with Utopia hands-free video door phone 1703/37 for allowing hearing aid users to hear the telephone conversation.



# ARCO



Door opener button

Two service buttons

- Very easy to use
- Robust and ergonomic

Arco is the new Urmet b/w video door phone with 4.5" display. Simple style is combined with extreme simplicity: icons are arranged by the side of the buttons for user-friendly use. In addition to the door opener button there are two buttons for secondary services and the mute function is mechanically controlled and indicated by the red button which appears on the lever. Ideal for who wants to evolve a video door phone system containing costs and choosing an item with streamline, discreet design.

## ARCO AND SYSTEM COMPATIBILITY TABLE

Bibus VOP	Digivoice	Coax	5 wires
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# ARCO mod. 1715



1715/1

1715/1	Arco b/w video door phone Dimensions: 206 x 230 x 70 mm
1715/17	Arco b/w video door phone Compatible with european standard for use with hearing aid
1715/18	As 1705/17 but 60 Hz



1705/954

## SYSTEM BRACKETS

Code	Bibus VOP	Digivoice	Coax	5 wires
1705/954	•	-	-	-
1705/92	-	•	-	-
1705/90	-	-	•	-
1705/955	-	-	-	•



1715/50

## ACCESSORIES

1715/50	Table-top kit for door phones, transparent Plexiglas Provided with socket and 1.5 m long wire without bracket. Dimensions (W x H x D) 162 x 222 x 185 mm
9854/52	Supplementary electronic buzzer Fitted on monitor bracket or inside the door phone, can be used as supplementary ringer for differentiating calls. Power: 12Vcc; calling consumption 60mA.
9854/53	Floor call add-on device Fitted on monitor bracket or inside the door phone it can be used to manage floor calls. Provided with adjustable calling volume. Power: 12Vcc; calling consumption 60mA.
1705/100	Plastic support for retrofitting with Sentry For replacing a Sentry monitor, recover the electronic board from the bracket and replace it with the plastic support.



1704/20A

## SENTRY MONITOR

1704/20A	Sentry video door phone reflex retrofit version This is used to replace Sentinel, Explorer, Vidofono and Vedette coax video door phones. Supplied with bracket. Dimensions (W x H x D) 200 x 230 x 99 mm
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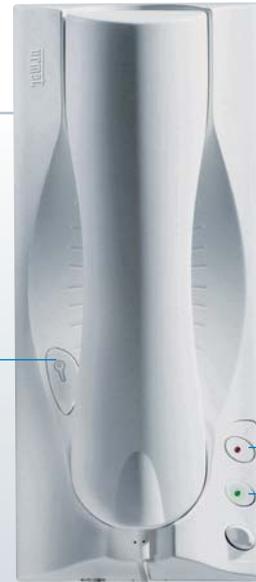
For Scaitel module please see at the dedicated section on page 137. • Yes.



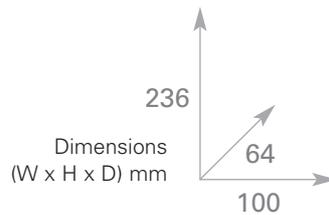
# ATLANTICO



Backlit door opening button



Backlit door opening button, with red LED (door open) or green LED (call in progress)



- Ergonomic handset
- Handset with telephone cable and connector

Atlantico is the (door phone) range designed by Michele De Lucchi: the door phone stands out for its ergonomic, delicate and curvy lines. Available in different colours, it can be either wall-mounted or positioned on a surface using the dedicated conversion kit.

Apart from the door-opening buttons, Atlantico is provided with two supplementary buttons for auxiliary functionalities

## ATLANTICO AND SYSTEM COMPATIBILITY TABLE

2Voice	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n
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# ATLANTICO mod. 1133

## DOOR PHONES FOR SYSTEMS

Code	2Voice	Bibus VOP	Digivoice	Coax/4+n	5 wires / 1+n	Features
1133	-	-	-	●	-	Basic door phone without supplementary buttons. White.
 1133/1	-	-	-	●	-	Door phone set up with three supplementary buttons, of which one is already available. White.
1133/10	-	-	-	●	-	Door phone with voice on button on handset. White.
 1133/20	-	-	-	●	-	Door phone with switch and two LEDs for indicating door open conditions (red LED and call diverter (green LED)). White.
1133/35A	-	-	-	-	●	Door phone set up with three supplementary buttons, of which one is already available. White.
1172/40	-	●	-	-	-	Door phone with two supplementary buttons for calling the switchboard and switching on staircase lights. White.
1172/45	-	●	-	-	-	Door phone with three supplementary buttons, call adjustment, floor call, 6 selectable ring tones and LEDs for indicating door open conditions. White.
1138/3	-	-	●	-	-	Door phone with two supplementary buttons for calling the switchboard and switching on staircase lights. White.
1183/1 <b>new</b>	●	-	-	-	-	Provided with door opener button and 1 supplementary button. Allows to open the garage door and to establish an intercom communication with another apartment. Five ring tones can be selected.



1133/1



1133/20

## ACCESSORIES

 1133/50	<b>Table-top kit for video door phones, white</b> Provided with socket and 1.5 m long wire.
1132/54	<b>Three-tone gong</b> Inserted on monitor bracket or inside door phone for transforming a normal calling tone into a three-tone chime. No external power needed; 12Vdc, consumption during call: 250mA.
1132/53	<b>Adjustable calling volume kit for door phone</b> Insert in door phone to adjust calling volume intensity to three positions: min, medium, max.
1133/55	<b>10-button add-on kit for door phone</b> For use with door phones ready for fitting supplementary buttons. White.
9854/52	<b>Supplementary electronic buzzer</b> Fitted on monitor bracket or inside the door phone, can be used as supplementary ringer for differentiating calls. Power: 12Vcc; calling consumption 60mA.
9854/54	<b>Additional speaker for door phone</b>
1131/7	<b>Adapter circuit for traditional door phone systems</b> For using electrical call Mod. 1133 door phones in systems with 12 Vac traditional call to buzzer. Compatible with 4+n audio system without conversation privacy.



1133/50

● Yes.

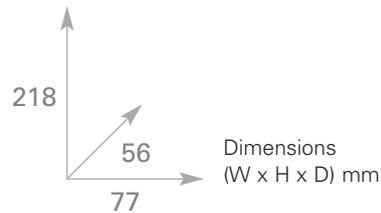


# MOD. 1130



Possible set-up for three supplementary service buttons

Door opening button with coloured indicator



- The pleasure of tradition
- Usable in traditional door phone systems with buzzer
- Available in white and ivory versions
- Suitable for replacing 1030, 930 and 730 models in existing system

The Mod. 1130 door phone designed by Giugiaro is a classic product for use in traditional door phone systems only with call to buzzer. Ivory or white, with spiral cord, can be installed either on wall or table-top using specific accessories. It is also ready for connecting to an electro-mechanical one-wire door phone switchboard. Very versatile and suitable for replacing door phones 'mod. 1030', 'mod. 930', 'mod. 730' in existing systems.

## MOD. 1130 AND SYSTEM COMPATIBILITY

4+n



# MOD. 1130



1130/1



1130/50

## DOOR PHONES FOR SYSTEMS

Code	Colour	System	Features
 1130/1	Ivory	Audio 4+n	Door phone set up with three supplementary buttons, of which one is already available. <b>Replaces model 1130.</b>
 1130/50	White	Audio 4+n	Basic door phone without supplementary buttons.
1130/55	White	Audio 4+n	Basic door phone with audio button on handset.

## ACCESSORIES

1130/120	Table-top kit and 12-wire cord White.
1130/100	10-button add-on kit for door phone For use with door phones ready for fitting supplementary buttons. Colour: ivory.
9854/52	Supplementary electronic buzzer Fitted on bracket inside the door phone, can be used as supplementary ringer for differentiating calls. Power: 12Vcc; calling consumption 60mA.



# DUO HANDS-FREE mod. 752 INTERCOM mod. 8202



**Duo:** two call-switching panels with conversation privacy function and wire in column

**Intercom:** communications run on the electric wire

Versatile solutions. **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.

**Intercom:** intercom power line communication device for establishing communications between devices.



752/33

## DUO APARTMENT STATIONS

### 752/33

**Utopia Duo hands-free mod. 752. Material: white ABS**

Provide 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 door phone 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: 88 (W) x 155 (H) x 40 (D) mm.

Flush-mounted installation, including frame: 128 (W) x 230 (H) x 13 (D) mm.

## Accessories

### 752/60

**Flush-mounting box with Utopia Duo wall frame**

This is used to install the Duo hands-free door phone Ref. 752 flushed with the wall. Flush-mounting box dimensions: 209 (W) x 104 (H) x 32 (D) mm

Frame dimensions: 128 x 230 (W x H) mm.

## Supplementary ringers

### 9854/42

**Additional three-tone ringer**

Suitable for use as supplementary ringer in electronic and traditional call systems.

No external power required because power is supplied by internal, non-rechargeable battery. Ringer is provided with 2 internal jumpers allowing to change the call rhythm. Dimensions: 80 (W) x 80 (H) x 32 (D) mm.

Consumption: 135 mA @ 12Vac Power: 9Vdc

### 9854/52

**Supplementary electronic buzzer**

Suitable for use as supplementary ringer in electronic and traditional call systems. Insert in door phone or in video door phone bracket.

Consumption: 60 mA @ 12Vac; 15 mA @ 12Vdc Power: 12Vdc or 12Vac



9854/42



788/51

## Relays

<b>788/52</b>	<b>Relay box with 2 switches</b> Provided with 2 switches for repeating the call to other devices or activating a secondary function. Replaces relay Ref. 788/30. Consumption: 0.18A @12Vac Relay contact power: 5A @ 12Vac
<b>788/51</b>	<b>Relay box for 2 audio/video functions</b> Relay used to manage up to 2 audio/video loudspeaking units or 1 audio/video loudspeaking unit.

## Power supply unit

<b>752/20</b>	<b>Power unit for Duo audio speaker door phone system</b> Provided with built-in call tone generator and Int-Ext audio signal amplifier. Suitable for use in Duo speaker door phones. May replace power unit 4340/20. Provided with built-in call tone generator and Int-Ext audio signal amplifier. Power: 110 - 230 Vac - 50/60 Hz. Transformer power: 28 VA. Dimensions: 9 DIN modules, 162 (W) x 108 (H) x 75 (D) mm
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## Microphone modules and speaker with loudspeaking unit

<b>1145/70</b>	<b>Sinthesi microphone module for Duo speakerphone audio system</b> For use in Duo speakerphone systems only with built-in microphone. Module dimensions: 90 (W) x 90 (H) mm. Degree of protection: IP42.
<b>1145/71</b>	<b>Sinthesi microphone module with one calling button for Duo speakerphone audio system</b> For use in Duo speakerphones only with built-in microphone and calling button. Even amber LED name tag lighting. Module dimensions: 90 (W) x 90 (H) mm. Degree of protection: IP42.
<b>1145/72</b>	<b>Sinthesi microphone module with two calling buttons for Duo speakerphone audio system</b> With even amber LED name tag lighting. Tag dimensions: 67 x 12,5 mm. Module dimensions: 90 (W) x 90 (H) mm. Degree of protection: IP42.
<b>1145/75</b>	<b>Sinthesi speaker module for Duo speakerphone audio system</b> For use in Duo speakerphone systems only with built-in speaker. Module dimensions: 90 (W) x 90 (H) mm. Degree of protection: IP42.



1145/72

## POWER LINE COMMUNICATION INTERCOM MOD. 8200

<b>8202/1</b>	<b>Two-channel Power Line Communication intercom, grey</b> 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: 230Vac - 50Hz Installation: table-top. Dimensions: 140 (W) x 140 (H) x 42 (D) mm. Weight: 450 g.
<b>8203/1</b>	<b>Three-channel Power Line Communication intercom, grey</b> 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: 230Vac - 50Hz Installation: table-top. Dimensions: 186 (W) x 130 (H) x 42 (D) mm. Weight: 450 g.



8202/1



8203/1



# ENTRY PANELS

## Technology, elegance, customisable features

The Urmet entry panels are simple and easy to install. They are compatible with all system types and have styles for all market needs.

Solutions for all styles:

- High-class
- Deluxe
- Residential





**EXIGO  
Classic**

Personality and  
customisable features  
Page 88

**EXIGO  
Special**  
new



Special solutions  
Page 90

**SINTHESI**  
Modular by nature  
Page 98



**K-STEEL**  
Strong by nature  
Page 106



**SMYLE**  
Smart and simple  
Page 110



**MOD. 725**  
Streamline tradition  
Page 112





# EXIGO CLASSIC



- Audio, video, analogue, digital
- Quality in time with standard PVD, anti-corrosion and anti-oxidation treatment
- Adaptable using Sinthesi flush-mounting box and Mod. 625 box.
- Polished and matte brass-plated versions.
- Special entry panels (see page 90)

Upper class districts and historical areas, where prestige is expressed by elegant shapes and top-quality material, are well represented by Exigo. Exigo is the brass-plated entry panel (polished or matte finish) offering all the customisation features, quality and technology of the Urmet trademark. Top-level weatherproofing with the PVD treatment. Unlike old-fashioned paint used by other suppliers, Physical Vapour Deposition technology allows to coat objects with electrochemical titanium which remains unaltered in time. Exigo is also very flexible from the system point of view: maximum compatibility with all main audio and video, analogue and digital systems.

## EXIGO AND SYSTEM COMPATIBILITY TABLE

2Voice	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n
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## ATTENTION TO DETAILS THAT MAKE THE DIFFERENCE

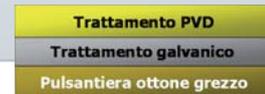
Example of non Urmet entry panel with painted front without PVD treatment



**Exigo**

Plate mounted on back for perfect results

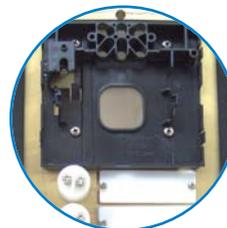
Maximum resistance in time with double electrochemical titanium PVD treatment and galvanic treatment



## Sales information

Exigo entry panels with 1 and 2 buttons (audio and video) are ready and on stock. All other models are available to order. The front panel is sold without flush-mounting box for retrofitting on existing systems. One version (suitable for Sinthesi box with spacer) has from 1 to 10 buttons; the other version (suitable for 625 audio box) has from 3 to 20 buttons. Contact an Urmet technician for entry panels with more than 20 buttons and special requests or point your browser to [www.prodel torino.it](http://www.prodel torino.it).

Easy to install, assembly and maintain



Electronic mounted on specific original pre-installed Urmet supports



Flush-mounted boxes with contacts on bottom. Simpler, faster



## Tradition dresses up with a new style

Changing the look of a traditional Urmet entry panel is quick and easy with dedicated models.

Like this:

### BRASS MODELS



Audio-video door phone models for mod. 625 box, 1, 2, 3, 4 rows up to 64 buttons

Audio-video door phone models for mod. 625 box, 1, 2, 3, 4 rows up to 64 buttons.

### PANEL FRONTS



Aluminium panel fronts mod. 725 already installed

### BRASS ENTRY PANELS FOR 2VOICE SYSTEM



## Elegance at the service of technology

Refined finish, classic style for implementing the functions of the most modern audio and video door phone systems. With Exigo special solutions you can made digital systems with high numbers. Furthermore, these customised models can be integrated with access control devices, proximity sensors, electronic directories and door opening systems.





# EXIGO CLASSIC

mod. 1121 - 1721 - 1143 - 1743

## SHINY BRASS-PLATED FRONT PANELS (AUDIO) FOR MOD. 1145 FLUSH-MOUNTING BOXES ♦

All front panels are made to order, except for 1 and 2 button panels



1143/1L with  
loudspeaking unit  
824/500



1143/2L with  
loudspeaking unit  
824/500



1143/101L



1143/107L

Code	No. of buttons	No. of buttons rows	Front panel dimensions (mm)	Flush-mounting box model	Flush mounting box dimensions (mm)	2Voice new	Bibus VOP	Digitvoice	Coax/4+n	5-wires/1+n
📺 1143/1L*	1	1	132 x 198	1145/51	118 x 114 x 45	-	-	-	●	-
📺 1143/2L*	2	1	132 x 198	1145/51	118 x 114 x 45	-	-	-	●	-
📺 1143/101L	1	1	136 x 270	1145/52 + 1145/60	118 x 204 x 55	●	●	●	●	●
1143/102L	2	1	136 x 270	1145/52 + 1145/60	118 x 204 x 55	●	●	●	●	●
1143/103L	3	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1143/104L	4	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1143/105L	5	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1143/106L	6	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
📺 1143/107L**	7	2	264 x 280	2 x (1145/52 + 1145/60)	244 x 204 x 55	●	●	●	●	●
1143/108L**	8	2	264 x 280	2 x (1145/52 + 1145/60)	244 x 204 x 55	●	●	●	●	●
1143/109L**	9	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●
1143/110L**	10	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●

Name tag dimensions (W x H x D): 47 x 17 x 2 (mm)

\*Uses 4+n loudspeaking unit 824/500.

\*\*The button arrangement is not symmetric.

♦ Flush-mounting box not included. ● Yes.



## MATTE BRASS-PLATED FRONT PANELS (AUDIO) FOR MOD. 1145 FLUSH-MOUNTING BOXES ♦

All front panels are made to order, except for 1 and 2 button panels



1143/1S with  
loudspeaking unit  
824/500



1143/1S  
(customised) with  
loudspeaking unit  
824/500

Code	No. of buttons	No. of buttons rows	Front panel dimensions (mm)	Flush-mounting box model	Flush mounting box dimensions (mm)	2Voice new	Bibus VOP	Digivoice	Coax/4+n	5-wires/1+n
1143/1S*	1	1	132 x 198	1145/51	118 x 114 x 45	-	-	-	●	-
1143/2S*	2	1	132 x 198	1145/51	118 x 114 x 45	-	-	-	●	-
1143/101S	1	1	136 x 270	1145/52 + 1145/60	118 x 204 x 55	●	●	●	●	●
1143/102S	2	1	136 x 270	1145/52 + 1145/60	118 x 204 x 55	●	●	●	●	●
1143/103S	3	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1143/104S	4	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1143/105S	5	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1143/106S	6	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1143/107S**	7	2	264 x 280	2 x (1145/52 + 1145/60)	244 x 204 x 55	●	●	●	●	●
1143/108S**	8	2	264 x 280	2 x (1145/52 + 1145/60)	244 x 204 x 55	●	●	●	●	●
1143/109S**	9	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●
1143/110S**	10	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●

Name tag dimensions (W x H x D): 47 x 17 x 2 (mm)

\*Uses 4+n loudspeaking unit 824/500.

\*\*The button arrangement is not symmetric.

♦ Flush-mounting box not included. ● Yes.



1743/2L  
(customised) with  
loudspeaking unit  
824/500



1743/2L with  
loudspeaking unit  
824/500



1743/106L



1743/102S



1743/109S

### SHINY BRASS-PLATED FRONT PANELS (VIDEO) FOR MOD. 1145 FLUSH-MOUNTING BOXES ♦

All front panels are made to order, except for 1 and 2 button panels

Code	No. of buttons	No. of buttons rows	Front panel dimensions (mm)	Flush-mounting box model	Flush mounting box dimensions (mm)	2Voice new	Bibus VOP	Digitvoice	Coax/4+n	5-wires/1+n
1743/1L*	1	1	136 x 270	1145/52	118 x 204 x 45	-	-	-	●	-
1743/2L*	2	1	136 x 270	1145/52	118 x 204 x 45	-	-	-	●	-
1743/101L	1	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1743/102L	2	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1743/103L	3	1	136 x 450	1145/54 + 1145/60	118 x 384 x 55	●	●	●	●	●
1743/104L	4	1	136 x 450	1145/54 + 1145/60	118 x 384 x 55	●	●	●	●	●
1743/105L	5	1	136 x 450	1145/54 + 1145/60	118 x 384 x 55	●	●	●	●	●
1743/106L	6	1	136 x 450	1145/54 + 1145/60	118 x 384 x 55	●	●	●	●	●
1743/107L**	7	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●
1743/108L**	8	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●
1743/109L**	9	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●
1743/110L**	10	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●

Name tag dimensions (W x H x D): 47 x 17 x 2 (mm)

\*Uses 4+n loudspeaking unit 824/500.

\*\*The button arrangement is not symmetric.

### MATTE BRASS-PLATED FRONT PANELS (VIDEO) FOR MOD. 1145 FLUSH-MOUNTING BOXES ♦

All front panels are made to order, except for 1 and 2 button panels

Code	No. of buttons	No. of buttons rows	Front panel dimensions (mm)	Flush-mounting box model	Flush mounting box dimensions (mm)	2Voice new	Bibus VOP	Digitvoice	Coax/4+n	5-wires/1+n
1743/1S*	1	1	136 x 270	1145/52	118 x 204 x 45	-	-	-	●	-
1743/2S*	2	1	136 x 270	1145/52	118 x 204 x 45	-	-	-	●	-
1743/101S	1	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1743/102S	2	1	136 x 360	1145/53 + 1145/60	118 x 294 x 55	●	●	●	●	●
1743/103S	3	1	136 x 450	1145/54 + 1145/60	118 x 384 x 55	●	●	●	●	●
1743/104S	4	1	136 x 450	1145/54 + 1145/60	118 x 384 x 55	●	●	●	●	●
1743/105S	5	1	136 x 450	1145/54 + 1145/60	118 x 384 x 55	●	●	●	●	●
1743/106S	6	1	136 x 450	1145/54 + 1145/60	118 x 384 x 55	●	●	●	●	●
1743/107S**	7	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●
1743/108S**	8	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●
1743/109S**	9	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●
1743/110S**	10	2	264 x 370	2 x (1145/53 + 1145/60)	244 x 294 x 55	●	●	●	●	●

Name tag dimensions (W x H x D): 47 x 17 x 2 (mm)

\*Uses 4+n loudspeaking unit 824/500.

\*\*The button arrangement is not symmetric.

♦ Flush-mounting box not included. ● Yes.



1121/216L

**SHINY BRASS-PLATED FRONT PANELS (AUDIO)  
FOR MOD. 625 FLUSH-MOUNTING BOXES ♦**

All front panels are made to order, except for 1 and 2 button panels

Code	No. of buttons	No. of buttons rows	Front panel dimensions (mm)	Flush-mounting box and frame	Flush mounting box dimensions (mm)	Bibus VOP	Digivoice	Coax	5-wires
1121/103L	3	1	326 x 130	1121/53	110 x 256 x 55	●	●	●	●
1121/104L	4	1	354 x 130	1121/54	110 x 284 x 55	●	●	●	●
1121/105L	5	1	382 x 130	1121/55	110 x 312 x 55	●	●	●	●
1121/106L	6	1	410 x 130	1121/56	110 x 340 x 55	●	●	●	●
1121/204L	4	2	308 x 206	1121/60	186 x 228 x 55	●	●	●	●
1121/206L	6	2	308 x 206	1121/60	186 x 228 x 55	●	●	●	●
1121/208L	8	2	364 x 206	1121/62	186 x 284 x 55	●	●	●	●
1121/210L	10	2	364 x 206	1121/62	186 x 284 x 55	●	●	●	●
1121/212L	12	2	392 x 206	1121/64	186 x 312 x 55	●	●	●	●
1121/214L	14	2	420 x 206	1121/65	186 x 340 x 55	●	●	●	●
 1121/216L	16	2	448 x 206	1121/66	186 x 368 x 55	●	●	●	●
1121/218L	18	2	476 x 206	1121/67	186 x 396 x 55	●	●	●	●
1121/220L	20	2	504 x 206	1121/68	186 x 424 x 55	●	●	●	●

Name tag dimensions (W x H x D): 47 x 17 x 2 (mm)

**MATTE BRASS-PLATED FRONT PANELS (AUDIO)  
FOR MOD. 625 FLUSH-MOUNTING BOXES ♦**

All front panels are made to order, except for 1 and 2 button panels

Code	No. of buttons	No. of buttons rows	Front panel dimensions (mm)	Flush-mounting box and frame	Flush mounting box dimensions (mm)	Bibus VOP	Digivoice	Coax	5-wires
1121/103S	3	1	326 x 130	1121/53	110 x 256 x 55	●	●	●	●
1121/104S	4	1	354 x 130	1121/54	110 x 284 x 55	●	●	●	●
1121/105S	5	1	382 x 130	1121/55	110 x 312 x 55	●	●	●	●
1121/106S	6	1	410 x 130	1121/56	110 x 340 x 55	●	●	●	●
1121/204S	4	2	308 x 206	1121/60	186 x 228 x 55	●	●	●	●
1121/206S	6	2	308 x 206	1121/60	186 x 228 x 55	●	●	●	●
1121/208S	8	2	364 x 206	1121/62	186 x 284 x 55	●	●	●	●
1121/210S	10	2	364 x 206	1121/62	186 x 284 x 55	●	●	●	●
1121/212S	12	2	392 x 206	1121/64	186 x 312 x 55	●	●	●	●
1121/214S	14	2	420 x 206	1121/65	186 x 340 x 55	●	●	●	●
1121/216S	16	2	448 x 206	1121/66	186 x 368 x 55	●	●	●	●
1121/218S	18	2	476 x 206	1121/67	186 x 396 x 55	●	●	●	●
1121/220S	20	2	504 x 206	1121/68	186 x 424 x 55	●	●	●	●

Name tag dimensions (W x H x D): 47 x 17 x 2 (mm)

♦ Flush-mounting box not included. ● Yes.

### SHINY BRASS-PLATED FRONT PANELS (VIDEO) FOR MOD. 625 FLUSH-MOUNTING BOXES ♦

All front panels are made to order, except for 1 and 2 button panels

Code	No. of buttons	No. of buttons rows	Front panel dimensions (mm)	Flush-mounting box and frame	Flush mounting box dimensions (mm)	Bibus VOP	Digitvoice	Coax	5-wires
1721/103L	3	1	410 x 130	1721/53	110 x 340 x 55	●	●	●	●
1721/104L	4	1	438 x 130	1721/54	110 x 368 x 55	●	●	●	●
1721/105L	5	1	466 x 130	1721/55	110 x 396 x 55	●	●	●	●
1721/106L	6	1	494 x 130	1721/56	110 x 424 x 55	●	●	●	●
1721/204L	4	2	392 x 206	1721/60	186 x 312 x 55	●	●	●	●
1721/206L	6	2	392 x 206	1721/61	186 x 312 x 55	●	●	●	●
1721/208L	8	2	420 x 206	1721/62	186 x 340 x 55	●	●	●	●
1721/210L	10	2	448 x 206	1721/63	186 x 368 x 55	●	●	●	●
1721/212L	12	2	476 x 206	1721/64	186 x 396 x 55	●	●	●	●
1721/214L	14	2	504 x 206	1721/65	186 x 424 x 55	●	●	●	●
1721/216L	16	2	532 x 206	1721/66	186 x 452 x 55	●	●	●	●
1721/218L	18	2	560 x 206	1721/67	186 x 480 x 55	●	●	●	●
1721/220L	20	2	588 x 206	1721/68	186 x 508 x 55	●	●	●	●

Name tag dimensions (W x H x D): 47 x 17 x 2 (mm)

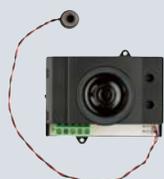
### MATTE BRASS-PLATED FRONT PANELS (VIDEO) FOR MOD. 625 FLUSH-MOUNTING BOXES ♦

All front panels are made to order, except for 1 and 2 button panels

Code	No. of buttons	No. of buttons rows	Front panel dimensions (mm)	Flush-mounting box and frame	Flush mounting box dimensions (mm)	Bibus VOP	Digitvoice	Coax	5-wires
1721/103S	3	1	410 x 130	1721/53	110 x 340 x 55	●	●	●	●
1721/104S	4	1	438 x 130	1721/54	110 x 368 x 55	●	●	●	●
1721/105S	5	1	466 x 130	1721/55	110 x 396 x 55	●	●	●	●
1721/106S	6	1	494 x 130	1721/56	110 x 424 x 55	●	●	●	●
1721/204S	4	2	392 x 206	1721/60	186 x 312 x 55	●	●	●	●
1721/206S	6	2	392 x 206	1721/61	186 x 312 x 55	●	●	●	●
1721/208S	8	2	420 x 206	1721/62	186 x 340 x 55	●	●	●	●
1721/210S	10	2	448 x 206	1721/63	186 x 368 x 55	●	●	●	●
1721/212S	12	2	476 x 206	1721/64	186 x 396 x 55	●	●	●	●
1721/214S	14	2	504 x 206	1721/65	186 x 424 x 55	●	●	●	●
1721/216S	16	2	532 x 206	1721/66	186 x 452 x 55	●	●	●	●
1721/218S	18	2	560 x 206	1721/67	186 x 480 x 55	●	●	●	●
1721/220S	20	2	588 x 206	1721/68	186 x 508 x 55	●	●	●	●

Name tag dimensions (W x H x D): 47 x 17 x 2 (mm)

♦ Flush-mounting box not included. ● Yes.



1128/500



1035/67



1072/28

## LOUDSPEAKING UNITS

<b>new 1083/8*</b>	Audio loudspeaking unit for 2Voice systems For use in combination with 1038/17 module (one for every 16 users).
<b>824/500</b>	Slim Audio loudspeaking unit for 4+n systems
 <b>1128/500</b>	Audio loudspeaking unit for 4+n systems (replaces loudspeaking unit 5150/500)
<b>1128/510</b>	Audio loudspeaking unit for 4+n systems with 12Vac power (replaces 5150/510 loudspeaking unit)
<b>5150/53</b>	Audio loudspeaking unit for 4+n systems with 3-wire operation
 <b>1035/67</b>	Audio loudspeaking unit for 1+n systems
<b>1038/62</b>	Audio loudspeaking unit for Digivoice systems Manages 8 buttons; 1038/17 module used to increase the number of buttons.
 <b>1072/28</b>	Audio loudspeaking unit for Bibus VOP systems For use in combination with 1038/17 module (one for every 16 users).

## FRONT PANELS FOR CAMERA AND CAMERAS

<b>1810/40</b> 	Colour camera for coax systems Device 1742/13A must be added In VOP and 5 wire systems.
<b>1810/70</b>	B/W camera for coax systems Device 1742/13A must be added In VOP and 5 wire systems.

## ACCESSORIES

<b>1110/74</b>	Conversation privacy device Use one for every 4 users in 1+n audio and 5-wire video systems.
<b>1742/13A</b>	Camera adapter device This is used to adapt a camera with video signal on coax cable in VOP systems.
<b>1038/17</b>	16 user expansion module for digital systems For use with loudspeaking units 1072/5 1038/62 1038/5 1038/7 1072/19A 1072/7 1082/72 1082/7 to expand the number of calling buttons.
<b>1143/51</b>	Set of 5 blue films For blue name tag backlighting.
<b>1143/52</b>	Set of 5 green films For green name tag backlighting.
<b>1143/60</b>	Spacer frame for flush-mounting box 1145 For use in combination with Mod. 1145 flush-mounting box with brass-plated panels series 1743-1143.

 Colour. \* To be released soon.



# SINTHESI



- Modularity is the key: square and compact, the modules may be arranged horizontally and vertically
- Very easy to install: modules are interconnected by means of pre-wired connections and sliding terminal boards
- Ideal for replacing old 625 units with adapters
- Postalbox version with built-in mailbox available
-  Access control
-  IP 42

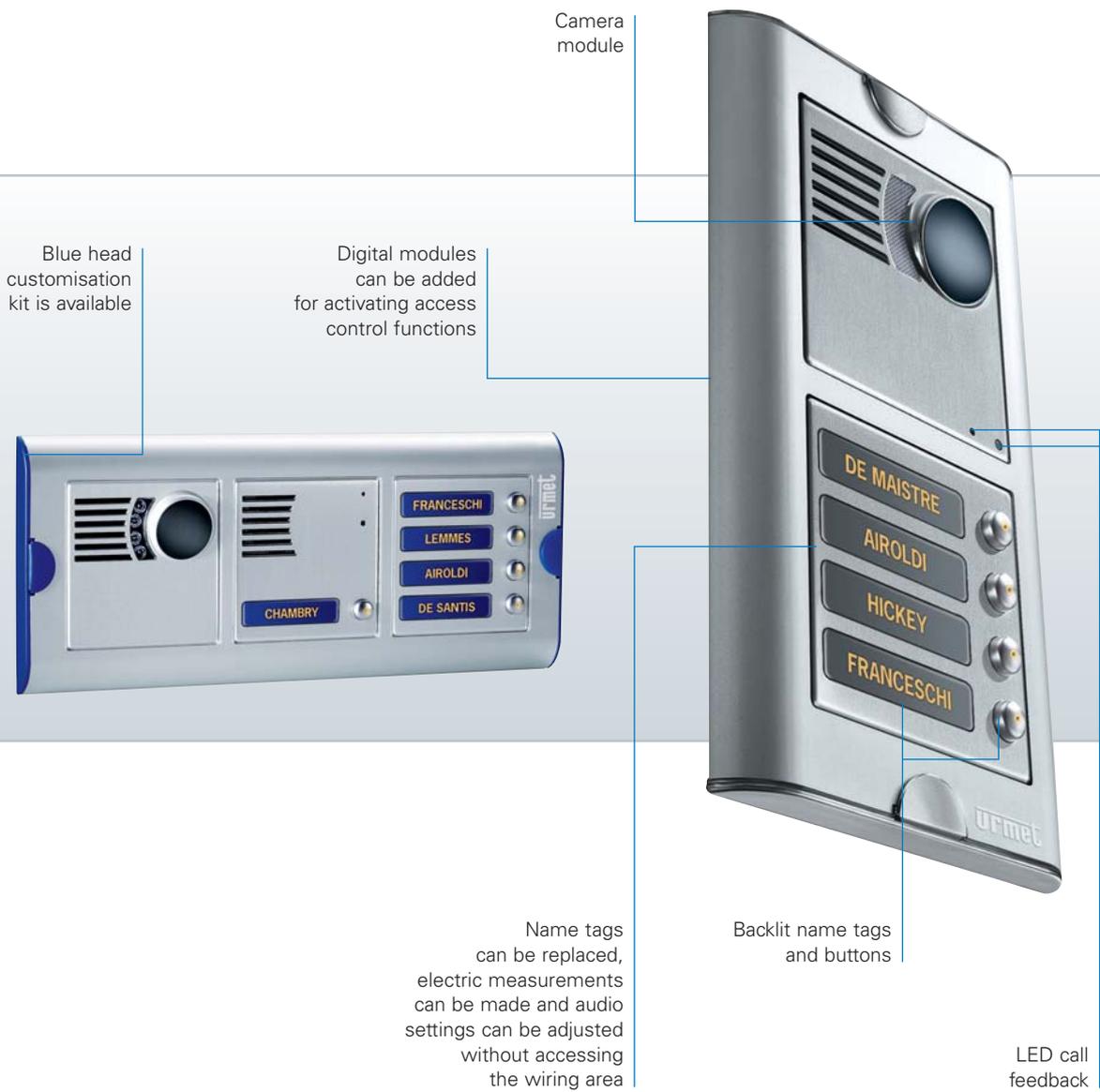


Door opening module 1103/2

Only with Sinthesi you can choose the system type and the right installation solution for all sizes and feature requirements. Sinthesi is the all modular entry panel which can be installed either vertically or horizontally. It has single or double name tags (for optimising space in buildings with many users). Access control and alphanumeric keypad may be integrated in large residential compounds. Design is clean and modern: the matte steel is framed by grey or blue trimming which matches the name tags. Assembly and maintenance is easy with pre-wired connections and directly accessible name tags. Electric measurements and adjustments are separate from the area of the wires. Ideal also for replacing 625 units: specifically designed adapters make work easy and finish off like a frame. Postalbox versions offer all the Sinthesi features: a practical combination of entry panel and mailbox.

## SINTHESI AND SYSTEM COMPATIBILITY TABLE

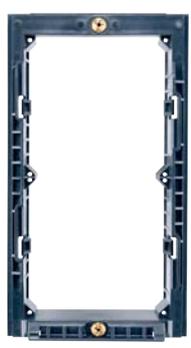
2Voice	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n
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### Example of arrangement: basic elements



Flush-mounting box



Frame



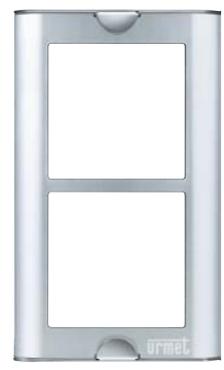
Loudspeaking unit module (audio or video)



Loudspeaking unit



Button module



Frame



# SINTHESI mod. 1145 - 1745

## BUTTON MODULES AND LOUDSPEAKING UNIT READY MODULES

Code	Description	No. of buttons	2Voice	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n
1145/20	Loudspeaking unit ready module	0	-	-	-	•	•	•	•
1145/21	Loudspeaking unit ready module	1	-	-	-	•	•	•	•
1145/22	Loudspeaking unit ready module	2	-	-	-	•	-	•	-
1145/32	Loudspeaking unit ready module	2	-	-	-	•	•	•	•
1145/34	Loudspeaking unit ready module	4	-	-	-	•	-	•	-
1145/11	Button module	1	•	•	•	•	•	•	•
1145/12	Button module	2	•	•	•	•	•	•	•
1145/13	Button module	3	•	•	•	•	•	•	•
1145/14	Button module	4	•	•	•	•	•	•	•
1145/18	Button module	8	•	•	•	•	-	•	-
1145/50	House number module	-	•	•	•	•	•	•	•
1145/59	Blank module	-	•	•	•	•	•	•	•

Module dimensions (H x W) 90 x 90 mm

Name tag dimensions (W x H) 67 x 12.5 mm, except for module with buttons on two rows, dimensions 40 x 12.5 mm and house number module 1145/50 dimensions 57 x 60 mm

## LOUDSPEAKING UNITS AND MODULES WITH INTEGRATED AUDIO LOUDSPEAKING UNIT

Code	Description	No. occupied modules	2Voice	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n	Notes
1145/500	Loudspeaking unit	-	-	-	-	•	-	•	-	To be combined with loudspeaking unit ready modules
1145/510	Loudspeaking unit	-	-	-	-	-	-	•	-	Combine with 1 door unit ready module 12 Vac
1145/67	Loudspeaking unit	-	-	-	-	-	•	-	•	To be combined with loudspeaking unit ready modules
1038/7	Loudspeaking unit module	1	-	-	•	-	-	-	-	Manages up to 8 buttons; use board 1038/17 to add more buttons
1072/7	Loudspeaking unit module	1	-	•	-	-	-	-	-	Manages up to 18 buttons; use board 1038/17 to add more buttons
1072/13	Digital calling module	2	-	•	-	-	-	-	-	Provided with graphic display, 2 lines, 16 characters. Used to open door by entering a code; activation time adjustable from 1 to 30 s.
1038/13	Digital calling module	2	-	-	•	-	-	-	-	Provided with graphic display, 2 lines, 16 characters. Used to open door by entering a code.
1083/13* <b>new</b>	Digital calling module	2	•	-	-	-	-	-	-	With 2-line, 16-character graphic display. Allows to call up to 4096 users and to associate a corresponding door opening code. Programming using Bluetooth interface and Windows Mobile or Symbian system.
1038/74	Modulo tast. alfanumerica	1	-	-	•	-	-	-	-	For managing alphanumeric codes.
1083/7 <b>new</b>	Loudspeaking unit module	1	•	-	-	-	-	-	-	

Analogue module dimensions (H x W) 90 x 90 mm

Digital modules dimension (W x H) 180 x 90 mm with numeric keypad

• Yes. \* To be released soon.



## AUDIO LOUDSPEAKING UNIT MODULES WITH INTEGRATED CAMERA

Code	Description	Type of camera	No. of occupied modules	No. of buttons	2Voice	Bibus VOP	Digivoice	Coax	5 wires	Notes
1083/72 <b>new</b>	Camera module with loudspeaking unit		2	2		-	-	-	-	
1745/40	Camera module		1	-	-				-	Use device 1742/13A in VOP systems
1745/49	Camera module		1	-	-				-	60 Hz Use device 1742/13A in VOP systems
1745/41	Camera module with loudspeaking unit		1	1	-	-	-		-	
1745/70	Camera module	B/W	1	-	-				-	Use device 1742/13A in VOP systems
1745/79	Camera module	B/W	1	-	-				-	60 Hz. Use device 1742/13A in VOP systems
1745/80	Camera module with loudspeaking unit	B/W	1	-	-	-	-		-	
1745/81	Camera module with loudspeaking unit	B/W	1	1	-	-	-		-	
1745/82	Camera module with loudspeaking unit	B/W	1	2	-	-	-		-	
1745/20	Camera module with loudspeaking unit	B/W	2	-	-	-	-	-		
1745/21	Camera module with loudspeaking unit	B/W	2	1	-	-	-	-		
1745/22	Camera module with loudspeaking unit	B/W	2	2	-	-	-	-		

Module dimensions (H x W) 90 x 90 mm

Dimensions of 1082/72 - 1745/20 - /21 - /22 are 180 x 90 mm

Dimensions of name tag (W x H) 67 x 12.5 mm



1083/72



1745/80



1745/81

## DOOR OPENING MODULE

Code	Description	No. of occupied modules	Notes
1103/2	Door opening module for proximity keys	1	Compatible with all systems. Manages up to 500 keys with possibility of expanding to 2000 by adding 1102/52 memory. 12Vac power
1105/3	Door opening module with keypad	1	Compatible with all systems. Used for storing up to 8 codes and opening 2 locks independently. Monostable or toggle operation. 12Vac power

Module dimensions (H x W) 90 x 90 mm

## DOOR OPENING MODULE ACCESSORIES

1102/52	Additional memory for proximity key modules 1103/2 and 1103/3
1125/50	Kit of 10 keys for proximity module 1103/2



1103/2



1105/3

Colour. Yes.



1145/41  
+ Sinthesi  
entry panel



1145/42  
+ Sinthesi  
entry panel



1145/62



1145/64



1145/713

## POSTALBOX

Code	Description	Dimensions (W x H x D) mm	2Voice	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n	Notes
1145/41	Wall-mounted Postalbox mail box with front flap for collecting mail	32 x 57 x 15	-	●	-	●	●*	●	●	Sinthesi entry panel arranged in horizontal position. Complies with: EN13724 IP 44
1145/42	Gate-mounted Postalbox mail box with front/rear flap for collecting mail	44 x 45 x 15	●	●	-	●	●	●	●	Sinthesi entry panel arranged in vertical position. Complies with: EN13725 IP 44

Ready for 2 modules.

\* Module 1145/32 needed for two-family version

## FLUSH-MOUNTING BOXES AND FRAMES

Code	Description	Dimensions (W x H x D) mm	Number of modules	Material
1145/51	Flush-mounting box	118 x 114 x 45	1	Plastic
1145/52	Flush-mounting box	118 x 204 x 45	2	Plastic
1145/53	Flush-mounting box	118 x 294 x 45	3	Plastic
1145/54	Flush-mounting box	118 x 384 x 45	4	Plastic
1145/61	Frame with module holder	125 x 119	1	Aluminium
1145/62	Frame with module holder	125 x 209	2	Aluminium
1145/63	Frame with module holder	125 x 299	3	Aluminium
1145/64	Frame with module holder	125 x 389	4	Aluminium

## WALL FRAMES

Code	Description	Dimensions (W x H x D) mm	Number of modules	Number of rows	Material
1145/711	Frame and wall cover	151 x 148 x 2,5	1	1	Aluminium
1145/712	Frame and wall cover	151 x 238 x 2,5	2	1	Aluminium
1145/713	Frame and wall cover	151 x 328 x 2,5	3	1	Aluminium
1145/714	Frame and wall cover	151 x 418 x 2,5	4	1	Aluminium
1145/724	Frame and wall cover	280 x 238 x 2,5	4	2	Aluminium
1145/726	Frame and wall cover	280 x 328 x 2,5	6	2	Aluminium
1145/728	Frame and wall cover	280 x 418 x 2,5	8	2	Aluminium
1145/739	Frame and wall cover	409 x 328 x 2,5	9	3	Aluminium
1145/732	Frame and wall cover	409 x 418 x 2,5	12	3	Aluminium

● Yes.



1145/613

### RAIN HOOD

Code	Description	Dimensions (W x H x D) mm	Number of modules	Number of rows	Material
1145/611	Rain hood	158 x 151 x 22	1	1	Aluminium
1145/612	Rain hood	158 x 241 x 22	2	1	Aluminium
 1145/613	Rain hood	158 x 331 x 22	3	1	Aluminium
1145/614	Rain hood	158 x 421 x 22	4	1	Aluminium
1145/624	Rain hood	287 x 241 x 22	4	2	Aluminium
1145/626	Rain hood	287 x 331 x 22	6	2	Aluminium
1145/628	Rain hood	287 x 421 x 22	8	2	Aluminium
1145/639	Rain hood	416 x 331 x 22	9	3	Aluminium
1145/632	Rain hood	416 x 421 x 22	12	3	Aluminium



1145/312

### WALL MOUNTING BOX WITH FRAME

Code	Description	Dimensions (W x H x D) mm	Number of modules	Number of rows	Material
1145/311	Wall mounting box with hood	157 x 151 x 59	1	1	Aluminium
 1145/312	Wall mounting box with hood	157 x 241 x 59	2	1	Aluminium
1145/313	Wall mounting box with hood	157 x 331 x 59	3	1	Aluminium
1145/314	Wall mounting box with hood	157 x 421 x 59	4	1	Aluminium
1145/324	Wall mounting box with hood	286 x 241 x 59	4	2	Aluminium
1145/326	Wall mounting box with hood	286 x 331 x 59	6	2	Aluminium
1145/328	Wall mounting box with hood	286 x 421 x 59	8	2	Aluminium
1145/339	Wall mounting box with hood	416 x 331 x 59	9	3	Aluminium
1145/332	Wall mounting box with hood	416 x 421 x 59	12	3	Aluminium
1145/342	Semi-flushed wall box with hood for 100 mm pole	98 x 215 x 60 outer part 87 x 198 x 16 flush-mounted part	2	1	Plastic



1045/803



Example of arrangement with 1145/846



1145/74



1742/13A

### 625 ENTRY PANEL ADAPTERS WITH FRAME

Code	Description	Dimensions (L x H) mm	625 panel to be replaced	No. of buttons	No. of rows of button on 625 panel	No. of Sinthesi modules	Material
1145/803	625 entry panel adapter	179 x 280	7701/3	3	1	2	Aluminium
1145/804	625 entry panel adapter	179 x 308	7701/4	4	1	2	Aluminium
1145/806	625 entry panel adapter	179 x 364	7701/6	6	1	3	Aluminium
1145/846	625 entry panel adapter	229 x 252	7702/4	4	2	2	Aluminium
1145/846	625 entry panel adapter	229 x 252	7702/6	6	2	2	Aluminium
1145/810	625 entry panel adapter	229 x 308	7702/8	8	2	2	Aluminium
1145/810	625 entry panel adapter	229 x 308	7702/10	10	2	2	Aluminium
1145/812	625 entry panel adapter	229 x 336	7702/12	12	2	2	Aluminium
1145/814	625 entry panel adapter	229 x 364	7702/14	14	2	3	Aluminium

### ACCESSORIES

1145/74	<p><b>Conversation privacy device</b> Use one for every 4 users in 1+n audio and 5-wire video systems.</p>
1742/13A	<p><b>Camera adapter device</b> This is used to adapt a camera with video signal on coax cable in VOP systems.</p>
1145/65	<p><b>Set of Sinthesi name tags and headers, blue</b></p>
1038/17	<p><b>16 user expansion module for digital systems</b> For use with loudspeaking units 1072/5 1038/62 1038/5 1038/7 1072/19A 1072/7 1082/72 1082/7 to expand the number of calling buttons.</p>

See price list for spare parts.

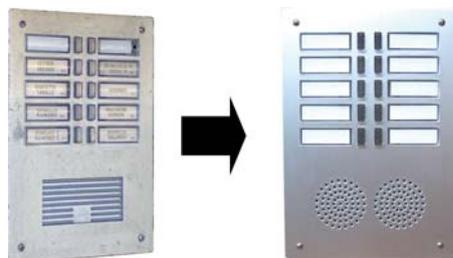


**ARRANGEMENT TABLE - SINTHESI FOR RETROFITTING 625 ENTRY PANELS IN "4+n" WIRE SYSTEMS** (all panels are made to order)

Sinthesi for 625 adapter code	Adapter size in mm (W x H)	625 entry panel replacement code	Type of 625 panel	Total no. of Sinthesi mod.	1145/500 "4+n" wire loudspeaking unit	1145/20 loudspeaking unit module without buttons	1145/21 loudspeaking unit module with 1 button	1145/22 loudspeaking unit module with 2 buttons on 1 row	1145/32 loudspeaking unit module with 2 buttons on 2 rows	1145/34 loudspeaking unit module with 4 buttons on 2 rows	1145/13 module with 3 buttons on 1 row	1145/14 module with 4 buttons on 1 row	1145/18 module with 8 buttons on 2 rows	1145/50 house number module
1145/803	179 x 280	7701/3	1 row 3 buttons	2	1	1	-	-	-	-	1	-	-	-
1145/804	179 x 308	7701/4	1 row 4 buttons	2	1	1	-	-	-	-	-	1	-	-
1145/806	179 x 364	7701/6	1 row 6 buttons	3	1	-	-	1	-	-	-	1	-	1
1145/846	229 x 252	7702/4	2 rows 4 buttons	2	1	1	-	-	-	-	-	1	-	-
1145/846	229 x 252	7702/6	2 rows 6 buttons	2	1	-	-	1	-	-	-	1	-	-
1145/810	229 x 308	7702/8	2 rows 8 buttons	2	1	1	-	-	-	-	-	-	1	-
1145/810	229 x 308	7708/6	2 rows 10 buttons	2	1	-	-	-	1	-	-	-	1	-
1145/812	229 x 336	7702/12	2 rows 12 buttons	2	1	-	-	-	-	1	-	-	1	-
1145/814	229 x 364	7702/14	2 rows 14 buttons	3	1	1	-	-	-	-	-	-	2	-

**SPARE FRONTS FOR MOD. 625**

How can you be traditional without renouncing to care for the new? Today, Urmet offers original spare fronts for Mod. 625 entry panels. From 1 to 4 rows, for traditional and two-channel systems, spare bottom contacts and name tag LEDs can also be ordered. Contact your Urmet sales agent or point your browser to [www.prodeltorino.it](http://www.prodeltorino.it).



**LONG-LASTING LEDs**  
 New LED lighting circuits: long-lasting, bright light, low consumption. All the advantages of modern technology at the service of the most traditional styles: no more light bulbs that burn out fast!



# K-STEEL



- Armoured entry panel, vandal resistant, waterproof
- Stainless steel front panel with super mirror effect finish
- Integrate access control features 
- IP 45

Door opening module 1103/3

K-steel is the armoured, vandal resistant, waterproof entry panel, IP 45 class, with a bold design. It is made of high-quality materials, such as the super mirror finish steel of the front. Ruggedness and modularity at the service of technology: K-steel is compatible with the main analogue and digital systems. Access control functions can be added implemented by adding a special module.

## Example of arrangement: basic elements



Flush-mounting box

or



Casing with hood



Module with camera unit



Calling module with electronic directory (alternative to the button module with name tag)



PVD Frame

## K-STEEL AND SYSTEM COMPATIBILITY TABLE

Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n
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# K-STEEL mod. 1155 - 1755



1155/21



1155/22A



1038/5



1072/5



1038/16



1038/73

## BUTTON MODULES WITH DIRECTORY

Code	Description	No. of buttons	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n
1155/11	Button module	1	●	●	●	●	●	●
1155/12A	Button module	2	●	●	●	●	●	●
1155/13A	Button module	3	●	●	●	●	●	●
1155/14A	Button module	4	●	●	●	●	●	●
1155/50	House number module	-	●	●	●	●	●	●
1155/59	Blank module	-	●	●	●	●	●	●

Name tag: 58 x 17 mm • Dimension of the module: 125 x 106 mm

## MODULES WITH INTEGRATED AUDIO LOUDSPEAKING UNIT

Code	Description	No. of occupied modules	No. of buttons	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n	Notes
1155/20	Module with loudspeaking unit	1	-	-	-	●	-	●	-	
📷 1155/21	Built-in loudspeaking module	1	1	-	-	●	-	●	-	
📷 1155/22A	Built-in loudspeaking module	1	2	-	-	●	-	●	-	
1155/30	Module with loudspeaking unit	1	-	-	-	-	●	-	●	
1155/31	Built-in loudspeaking module	1	1	-	-	-	●	-	●	
1155/32A	Built-in loudspeaking module	1	2	-	-	-	●	-	●	
📷 1038/5	Module with loudspeaking unit	1	2	-	●	-	-	-	-	Manages up to 8 users. Use board 1038/17 to add more buttons.
📷 1072/5	Module with loudspeaking unit	1	2	●	-	-	-	-	-	Manages up to 18 buttons; use board 1038/17 to add more buttons.
📷 1038/16	Digital calling module	2	numeric keypad	-	●	-	-	-	-	Provided with graphic display, 2 lines, 16 characters. Used to open door by entering a code.
📷 1038/73	Alphanumeric keypad module	1	keypad	-	●	-	-	-	-	For managing alphanumeric codes.

Dimensions of name tag (W x H) 58 x 17 mm (not present in digital calling modules)

Dimensions of module (W x H) 126 x 106 mm (254 x 106 mm for double modules)

● Yes.



1755/80



1755/81 + 1155/91



1755/20



1103/3



1156/10

### AUDIO LOUDSPEAKING UNIT MODULES WITH INTEGRATED CAMERA

Code	Description	Type of camera	No. of occupied modules	No. of buttons	Bibus VOP	Digivoice	Coax	5 wires
1755/40	Camera module		1	-	-			-
1755/49	Camera module 60 Hz		1	-	-			-
1755/41	Camera module with loudspeaking unit		1	1	-	-		-
1755/45	Camera module		1	-		-	-	
1755/70	Camera module	B/W	1	-	-			-
1755/79	Camera module 60 Hz	B/W	1	-	-			-
1755/80	Camera module with loudspeaking unit	B/W	1	-	-	-		-
1755/81	Camera module with loudspeaking unit	B/W	1	1	-	-		-
1755/30A	Camera module	B/W	1	-		-	-	
1755/39A	Camera module 60 Hz	B/W	1	-		-	-	
1755/20**	Camera module with loudspeaking unit	B/W	1	-	-	-	-	

Dimensions of name tag (W x H): 40 x 17 mm (present in calling modules with loudspeaking unit)

Dimension of the module (W x H): 125 x 106 mm

### DOOR OPENING MODULE

Code	Description	No. occupied modules	Notes
1103/3	Door opening module for proximity keys	1	Compatible with all systems. Manages up to 500 keys with possibility of expanding to 2000 by adding 1102/52 memory. 12Vac power
1156/10	Door opening module with keypad	1	Compatible with all systems. Used for storing up to 8 codes and opening 2 locks independently. Monostable or toggle operation. 12Vac power

Dimension of the module (W x H): 125 x 106 mm

### DOOR OPENING MODULE ACCESSORIES

1102/52	Additional memory for proximity key modules 1103/2 and 1103/3
1125/50	Kit of 10 keys for proximity module 1103/2

Colour. Yes. \*\* Contact the sales network for availability.



## FLUSH-MOUNTING BOXES AND FRAMES

Code	Description	Dimensions (W x H x D) mm	Number of modules	Material
1155/61	Flush-mounting box and frame	138 x 139 x 55	1	Metal
1155/62	Flush-mounting box and frame	138 x 256 x 55	2	Metal
1155/63	Flush-mounting box and frame	138 x 376 x 55	3	Metal
 1155/91	Frame	148 x 148 x 19	1	Shiny steel
1155/92	Frame	148 x 266 x 19	2	Shiny steel
1155/93	Frame	148 x 384 x 19	3	Shiny steel

## WALL MOUNTING BOX WITH MODULE HOLDER FRAME

Code	Description	Dimensions (W x H x D) mm	Number of modules	Number of rows	Material
1155/311	Wall mounting box with hood	153 x 152 x 104	1	1	Shiny steel
 1155/312	Wall mounting box with hood	153 x 269 x 104	2	1	Shiny steel
1155/313	Wall mounting box with hood	153 x 388 x 104	3	1	Shiny steel

Note: to be completed with modules and frames

## ACCESSORIES

 1145/74	<b>Conversation privacy device</b> Use one for every 4 users in 1+n audio and 5-wire video systems.
1742/13A	<b>Camera adapter device</b> This is used to adapt a camera with video signal on coax cable in VOP systems.
1155/54	<b>4 flush-mounted box union kit</b> The spacers allow to perfectly align 4 flush-mounting boxes.
1038/17	<b>16 user expansion module for digital systems</b> For use with loudspeaking units 1072/5 1038/62 1038/5 1038/7 1072/19A 1072/7 1082/72 1082/7 to expand the number of calling buttons.



1155/312



1145/74

See price list for spare parts.



# SMYLE



- Ideal for villa applications
- Only 99 mm wide, ideal for mounting on poles
- Two-size name tags and buttons: 15 x 60 and 30 x 60 mm
- Can be flush-mounted using the 1128/50 kit
- IP 44

Small, fun design for one and two-family villas. Smyle is ideal for villa applications and villa compounds as secondary entry panel in combination with Genya (positioned at main entrance). Available in door phone and video door phone versions (with semi pin-hole camera, adjustable by hand), Smyle has a smooth style minimum width to be installed on gate poles.

## SMYLE AND SYSTEM COMPATIBILITY TABLE

Coax

4+n



# SMYLE mod. 1129 - 1729



1129/1



1129/2



1729/1



1729/2



1729/6



1728/80

## SMYLE ENTRY PANEL

Code	Description	System	Notes
1129/1	One-family audio entry panel	Audio 4+n Video Coax	Green LED backlighting. Wall-mounted installation.
1129/6	One-family audio entry panel in metal version (Zama)	Audio 4+n Video Coax	Green LED backlighting. Wall-mounted installation.
1129/2	Two-family audio entry panel	Audio 4+n Video Coax	Green LED backlighting. Wall-mounted installation.
1729/1	One-family video entry panel	Audio 4+n Video coax Video 5 wires	Green LED backlighting. Wall-mounted installation.
1729/2	Two-family video entry panel	Audio 4+n Video Coax Video 5 wires	Green LED backlighting. Wall-mounted installation.
1729/6	Low-profile wall mounted one-family entry panel with shockproof front	Audio 4+n Video coax Video 5 wires	Green LED backlighting. Wall-mounted installation.

Dimensions (W x H x D) 99 x 180 x 35 mm

Name tag dimensions (W x H): 60 x 15 mm for 1729/2 and 1129/2

Name tag dimensions (W x H): 60 x 35 mm for 1729/1 and 1129/1

## ACCESSORIES

1129/50	<b>Flush-mounting box with aluminium rim and frame</b> Suitable for installing semi-flushed Smyle audio/video entry panel. Frame dimensions: W 131 x H 218 mm Dimensions of flush-mounting box: W 115 x H 209 x D 47 mm
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## LOUDSPEAKING UNITS/CAMERAS

Code	Description	Camera	System	Notes
1728/40**	Camera module with loudspeaking unit		Coax	
1728/80**	Camera module with loudspeaking unit	B/W	Coax	
956/123	Camera module with loudspeaking unit	B/W	5 wires	For use in Smyle entry panel for managing a second door in 956/41-42 kits.
956/129	Camera module with loudspeaking unit, 60 Hz.	B/W	5 wires	For use in Smyle entry panel for managing a second door in 956/41-42 kits.
1128/500	Loudspeaking unit	-	Audio 4+n	Provided with mechanical adapter for use in Exigo 725-625 entry panels. Replaces 5150/500.
1128/510	Loudspeaking unit	-	Audio 4+n	Provided with mechanical adapter for use in Exigo 725-625 entry panels. Replaces 5150/510. 12Vac power.

See price list for spare parts. Colour. \*\* Contact the sales network for availability.



# MOD. 725



- One-block entry panel suitable for flush or wall mounting
- Aluminium front panel
- Compact size
- IP 33

Simple installation and excellent quality-price ratio make this entry panel extremely competitive. Provided with a drawn aluminium front panel with plastic material headers, button holder frame with metal buttons and flush-mounting box. The entry panel is organised on blocks of one or two rows which can be arranged side by side to obtain arrangements of 3, 4, 5 and 6 rows. Furthermore, wall mounted installation is possible using specific casings for configurations up to 24 buttons.

## MOD. 725 AND SYSTEM COMPATIBILITY TABLE

Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n
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# MOD. 725

## LOUDSPEAKING UNIT READY AUDIO FRONT PANEL

Code	No. of buttons	No. of button rows	Front panel dimensions (W x H) mm	Flush mounting box dimensions (W x H x D) mm	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n
725/101	1	1	113 x 240	102 x 225 x 43	-	-	●	-	●	-
725/102	2	1	113 x 240	102 x 225 x 43	-	-	●	-	●	-
725/103	3	1	113 x 288	102 x 273 x 43	-	-	●	-	●	-
☑ 725/104	4	1	113 x 288	102 x 273 x 43	-	-	●	-	●	-
725/105	5	1	113 x 312	102 x 297 x 43	●	●	●	●	●	●
725/106	6	1	113 x 336	102 x 321 x 43	●	●	●	●	●	●
725/107	7	1	113 x 360	102 x 345 x 43	●	●	●	●	●	●
725/108	8	1	113 x 384	102 x 369 x 43	●	●	●	●	●	●
725/204	4	2	205 x 192	194 x 177 x 43	●	●	●	●	●	●
725/206	6	2	205 x 216	194 x 202 x 43	●	●	●	●	●	●
725/208	8	2	205 x 240	194 x 225 x 43	●	●	●	●	●	●
725/210	10	2	205 x 264	194 x 249 x 43	●	●	●	●	●	●
☑ 725/212	12	2	205 x 288	194 x 273 x 43	●	●	●	●	●	●
725/214	14	2	205 x 312	194 x 297 x 43	●	●	●	●	●	●
725/216	16	2	205 x 336	194 x 321 x 43	●	●	●	●	●	●
725/218	18	2	205 x 360	194 x 345 x 43	●	●	●	●	●	●
725/220	20	2	205 x 384	194 x 369 x 43	●	●	●	●	●	●
725/222	22	2	205 x 408	194 x 393 x 43	●	●	●	●	●	●
725/224	24	2	205 x 432	194 x 417 x 43	●	●	●	●	●	●
725/228**	28	2	205 x 480	194 x 465 x 43	●	●	●	●	●	●

Dimensions of name tag (H x W x D): 14.5 x 54.5 x 2 mm

## FRONT PANEL WITH BUTTONS ONLY

Code	No. of buttons	No. of button rows	Front panel dimensions (W x H) mm	Flush mounting box dimensions (W x H x D) mm	Bibus VOP	Digivoice	Coax	5 wires	4+n	1+n
☑ 725/020**	20	2	205 x 288	194 x 273 x 43	●	●	●	●	●	●
725/022**	22	2	205 x 312	194 x 297 x 43	●	●	●	●	●	●
725/024**	24	2	205 x 336	194 x 321 x 43	●	●	●	●	●	●
725/026**	26	2	205 x 360	194 x 345 x 43	●	●	●	●	●	●
725/028**	28	2	205 x 384	194 x 369 x 43	●	●	●	●	●	●
725/030**	30	2	205 x 408	194 x 393 x 43	●	●	●	●	●	●
725/032**	32	2	205 x 432	194 x 417 x 43	●	●	●	●	●	●
725/034**	34	2	205 x 456	194 x 441 x 43	●	●	●	●	●	●
725/036**	36	2	205 x 480	194 x 465 x 43	●	●	●	●	●	●

Dimensions of name tag (H x W x D): 14.5 x 54.5 x 2 mm

● Yes. \*\* Contact the sales network for availability.



1128/500



1035/67



725/600



725/601



1035/25

## LOUDSPEAKING UNITS

 1128/500	Audio loudspeaking unit for 4+n systems (replaces loudspeaking unit 5150/500)
1128/510	Audio loudspeaking unit for 4+n systems with 12Vac power (replaces 5150/510 loudspeaking unit)
5150/53	Audio loudspeaking unit for 4+n systems with 3-wire operation
 1035/67	Audio loudspeaking unit for 1+n systems
1038/62	Audio loudspeaking unit for Digivoice systems Manages 8 buttons; 1038/17 module used to increase the number of buttons.
1072/19A	Audio loudspeaking unit for Bibus/VOP systems Manages 18 buttons; 1038/17 module used to increase the number of buttons up to a maximum of 82 buttons.

## FRONT PANELS FOR CAMERA AND CAMERAS

 725/600	B/W camera for coax systems Device 1742/13A must be added in VOP and 5 wire systems.
725/79	B/W camera for coax systems 60 Hz Device 1742/13A must be added in VOP and 5 wire systems.
 725/601	Front panel on one row for camera 725/600 With flush-mounting box. Dimensions: 113 x 120 mm; dimensions of flush-mounting box: 102 x 102 x 53 mm
725/602	Front panel on two rows for camera 725/600 With flush-mounting box. Dimensions: 205 x 120 mm; dimensions of flush-mounting box: 194 x 102 x 53 mm

## ACCESSORIES

 1035/25	Conversation privacy device Use one for every 4 users in 1+n audio and 5-wire video systems.
1742/13A	Camera adapter device This is used to adapt a camera with video signal on coax cable in VOP systems.
1038/17	16 user expansion module for digital systems For use with loudspeaking units 1072/5 1038/62 1038/5 1038/7 1072/19A 1072/7 1082/72 1082/7 to expand the number of calling buttons.



725/711

**WALL MOUNTING BOX WITH FRAME**

Code	Description	Dimensions (W x H x D) mm	Compatible front panels	No. of rows	Material
725/710	Wall mounting box with hood	120 x 245 x 50 Depth including hood: 102 mm	725/101-102	1	Aluminium
 725/711	Wall mounting box with hood	120 x 245 x 50 Depth including hood: 102 mm Max. height 389 mm	725/103 104-105-106 107-108	1	Aluminium
725/721	Wall mounting box with hood	212 x 197 x 50 Depth including hood: 102 mm Max. height 269 mm	725/204 206-208-210	2	Aluminium
725/722	Wall mounting box with hood	212 x 197 x 50 Depth including hood: 102 mm Max. height 269 mm	725/212 214-216-218-220 222-224-226-228 725/020 022-024-026-028 030-032-034-036	2	Aluminium

**RAIN HOODS**

Code	Description	Compatible front panels	No. of rows	Material	Notes
725/701	Rain hood	725/601	1	Aluminium	For use in combination with video panels only.
725/702	Wall mounting box with hood	725/602	2	Aluminium	For use in combination with video panels only.



# KITS

## Practical, portable solutions

Handy packs contain everything you need for installing a door phone or video door phone systems, and are conveniently priced.

You can choose the style you want and find the perfect solution for all audio and video systems, either colour or black and white, in the Urmet kit range.

Solutions for all installations:



**Villas**



**Basic systems**





**SMYLE VILLA KIT**

Audio or video:  
the solution is in a box

Page 118



**EXPANDABLE  
SINTHESI KIT (new 2VOICE)**

Everything you need to install  
a basic system, all in one pack

Page 122



# VILLA KITS



- Door phone, video door phone, entry panel, transformer and power supply unit all in a handy pack
- Wide choice of styles

The Urmet one- and two-family villa kits have a Smyle entry panel in common: small, compact, easy to assembly, provided with adjustable camera (video version), this entry panel is the ideal solution for situations in which compact size is the key, such as application on gate poles. A wide range of styles may be chosen for the audio and video door phones, instead.

## AVAILABLE SYSTEMS

5 wires

2 integrated wires

4+n

## COMPATIBILITY TABLE: STYLE

Smyle



Arco



Utopia door phone



Atlantico door phone





# SMYLE KITS

## Audio kit

**NEEDS:** to transform a bell system into a door phone system with audio calling service and door opening function.

### RECOMMENDED KITS



1129/31



1129/61

1129/31	One-family 2 wire kit with UTOPIA door phone and SMYLE entry panel
1129/39	One-family 2 wire kit with UTOPIA door phone and SMYLE entry panel for 60Hz system
1129/41	One-family 2 wire kit with UTOPIA door phone and SMYLE metal entry panel
1129/61	One-family 2 wire kit with UTOPIA HANDS-FREE door phone and SMYLE entry panel
1129/71	One-family 2 wire kit with UTOPIA HANDS-FREE door phone and SMYLE entry panel for 60 Hz system

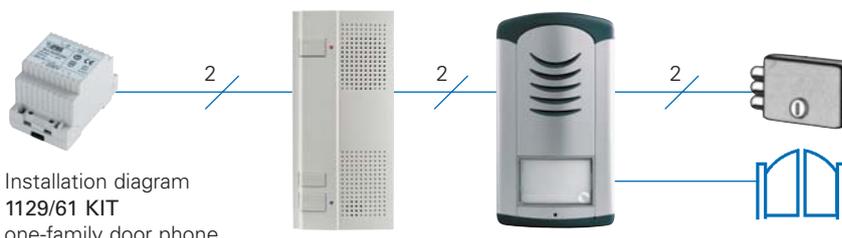
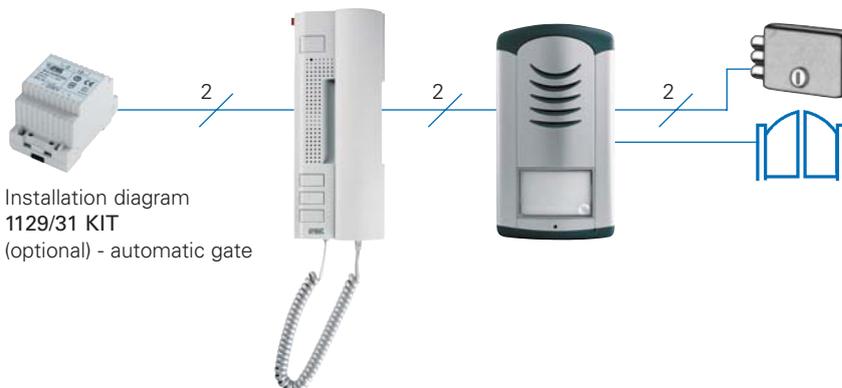
#### Features:

- Possibility of operating a second electric gate without adding wires
- The ring tone can be chosen
- Possibility of choosing the preferred conversation mode: hands-free or button pressed (1129/61 kit only)
- Full-Duplex audio
- Up to 5 door phones in parallel (5 wires)
- Adjustable volume with mute function
- Max. distance 110 m
- 12Vac power

### BEFORE



### AFTER



## Audio kit

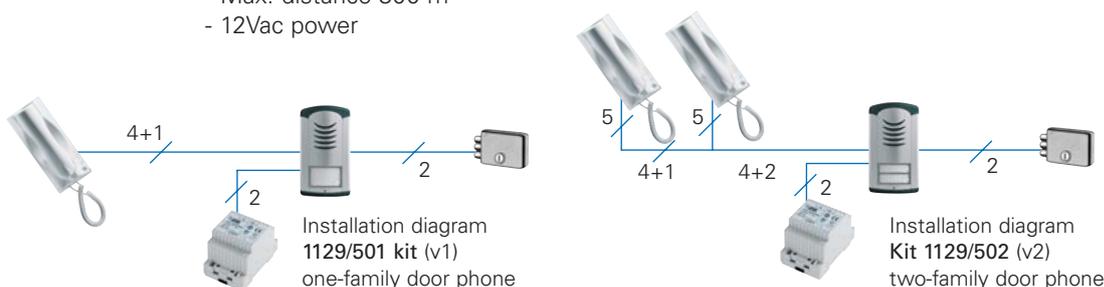
**NEEDS:** to make audio systems with one or two entrances for one- or two-family villas.

### RECOMMENDED KITS

1129/501	One-family 4+n wire kit with ATLANTICO door phone and SMYLE entry panel
1129/518	One-family 4+n wire kit with ATLANTICO door phone and SMYLE entry panel for 60Hz system
1129/601	One-family 4+n wire kit with ATLANTICO door phone and SMYLE metal entry panel
1129/502	Two-family 4+n wire kit with ATLANTICO door phone and SMYLE entry panel
1129/528	Two-family 4+n wire kit with ATLANTICO door phone and SMYLE entry panel for 60Hz system

**Features:**

- Possibility of adding other two supplementary buttons to each door phone for a total of three for operating secondary services
- Possibility of managing up to two audio inputs with the addition of relay box 788/51, entry panel 1129/1 (one-family) or 1129/2 (two-family) and loudspeaking unit 1128/510
- Up to 2 door phones in parallel
- Max. distance 300 m
- 12Vac power



## Video kits

**NEEDS:** to turn a bell system or audio door phone system into a video door phone system.

### RECOMMENDED KITS

952/21	2-wire B/W video kit with Smyle in metal version The kit includes: - 1 Atlantico monitor 1702/1 with special bracket for 2-wires kit. - 1 Power supply unit for mounting on 7 DIN modules - 1 Smyle in metal version entry panel with 1 button, integrated loudspeaking unit and LED backlight.
952/51	2-wire colour video kit with Smyle in metal version The kit includes: - 1 Atlantico monitor 1702/40 with special bracket for 2-wires kit. - 1 Power supply unit for mounting on 7 DIN modules - 1 Smyle in metal version entry panel with 1 button, integrated loudspeaking unit and LED backlight.



Colour.

## Video kits

**NEEDS:** to transform an audio door phone system into a video door phone system with 1 or 2 video inputs.

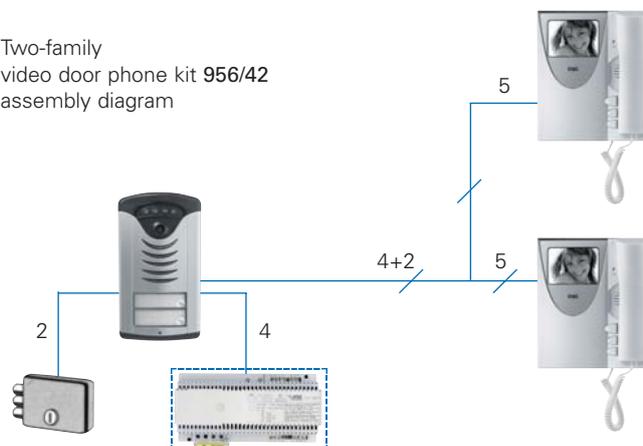
### RECOMMENDED KITS

956/41	One-family 5 wire kit, B/W with ARCO video door phone and SMYLE entry panel
956/39	As 956/41 but for 110Vac 60Hz
956/42	Two-family 5 wire kit, B/W with ARCO video door phone and SMYLE entry panel
956/49	As 956/42 but for 110Vac 60Hz

**Features:**

- 5 wires in riser column
- 4 video door phones in parallel with addition of supplementary devices
- Camera auto-on function
- Possibility of managing up to two video inputs with the addition of relay box 788/51, entry panel 1729/1 (one-family) or 1729/2 (two-family) and video door unit 956/123
- Possibility of connecting a Scitel telephone switchboard by adding 955/67 interface
- Max. distance 200 m

Two-family video door phone kit 956/42 assembly diagram



### ACCESSORIES

1129/52	Supplementary door phone for 2-wire audio kit 1129/31
1129/62	Supplementary door phone for 2-wire hands-free audio kit 1129/61
1129/50	Flush-mounting box with aluminium rim and frame Suitable for installing semi-flushed Smyle audio/video entry panel. Frame dimensions: L 131 x H 218 mm Flush-mounting box dimensions: L 115 x H 209 x P 47 mm
9854/41	Additional electronic call ringer

Refer to the specific sections for other apartment station accessories.



# EXPANDABLE KITS



Wide range of styles and stylish designs with Signo, Arco and the two Folio soft-touch.

- All basic system components all contained in a pack
- Wide choice of styles
- New 2Voice kit series **new**

Available with Sinthesi entry panel, the expandable Urmet one- and two-family kits can be used to make systems capable of growing along with the needs of the building simply by adding new buttons. All audio and video door phones in the expandable kit series are provided with supplementary buttons for more flexibility of functions and use. The features of each Urmet kit are described by illustrating the situation it is designed for: each pack is a solution. Discover the kit for your needs and enjoy the advantages and practicality of all basic components ready for installation.

## AVAILABLE SYSTEMS

2Voice	Coax	5 wires	4+n
--------	------	---------	-----

## COMPATIBILITY TABLE: STYLES

Sinthesi	Folio	Signo	Arco	Citofono Atlantico
				



# SINTHESI KITS

Sinthesi entry panel kits can be used in one- and two-family villa systems and as basic systems in condos and residential compounds.

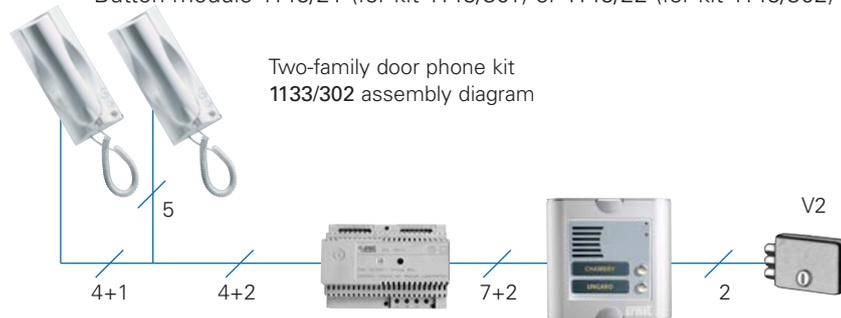
Expandability is ensured by the modular entry panel and can be implemented by adding modules because the kits contain devices in common to all Urmet systems, such as 2Voice and 5-wire video devices.

## Audio kit

1133/301	One-family 4+n wire kit with ATLANTICO door phone and SINTHESI entry panel
1133/302	Two-family 4+n wire kit with ATLANTICO door phone and SINTHESI entry panel

### The kits consist of:

- Atlantico door phone 1133/1
- Audio power supply unit 786/11
- Sinthesi frame 1145/61
- Flush-mounting box 1145/51
- Loudspeaking unit 1145/500
- Button module 1145/21 (for kit 1145/301) or 1145/22 (for kit 1145/302)



## Video kits

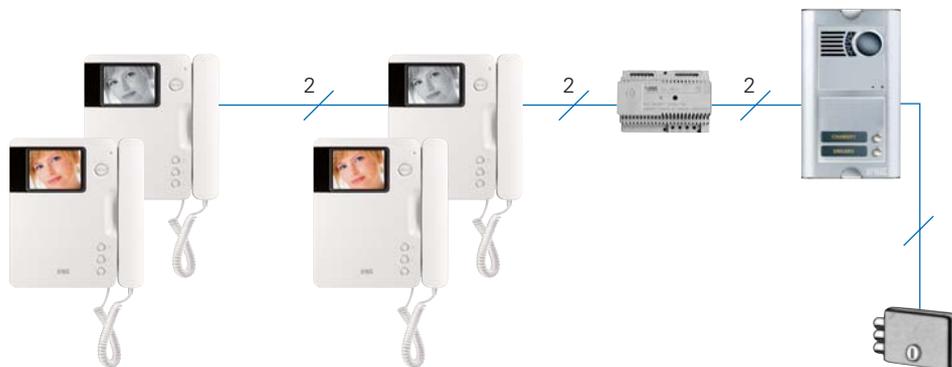
### 2VOICE KIT WITH SIGNO AND SINTHESI **new**

1783/621	● One-family 2Voice colour video kit with SIGNO video door phone and SINTHESI panel
1783/622	● Two-family 2Voice colour video kit with SIGNO video door phone and SINTHESI panel
1783/601	One-family 2Voice B/W video kit with SIGNO video door phone and SINTHESI panel
1783/602	Two-family 2Voice B/W video kit with SIGNO video door phone and SINTHESI panel

The kits consist of:

- Video door phone
- Power supply unit 1083/20
- 2Voice bracket for assembly to wall 1740/83
- Sinthesi two-module flush mounting box 1145/52
- Sinthesi two-module frame 1145/62  
(one-family kits also include a one-button front panel 1745/107)
- Loudspeaking unit with colour camera 1083/72
- Four-user distributor 1083/55 (in two-family versions)

Two-family 2Voice kit assembly diagram



● Colour.

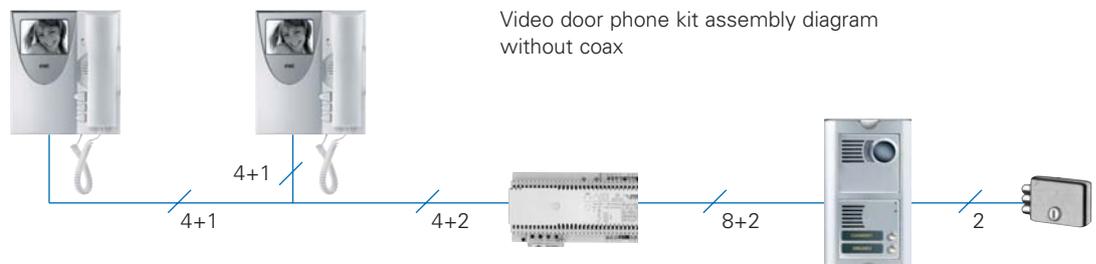
## Video kits

### 5 WIRE SYSTEM

1715/601	One-family 5 wire kit, B/W with ARCO video door phone and SINTHESI panel
1715/602	Two-family 5 wire kit, B/W with ARCO video door phone and SINTHESI panel

**The kits consist of:**

- Arco video door phone
- Power supply unit 789/5B
- 5-wire bracket 1705/955
- Sinthesi flush-mounting box 1145/52
- Frame and rim 1145/62
- Loudspeaking unit with B/W camera 1745/21 (for 1715/601 kit) or 1745/22 (for 1715/602 kit)

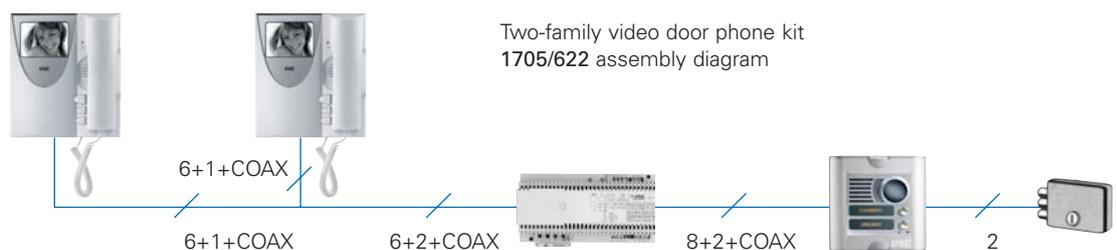


### COAX SYSTEM

1715/621	One-family coax B/W video kit with ARCO video door phone and SINTHESI entry panel
1715/622	Two-family 5 wire coax with ARCO video door phone and SINTHESI entry panel

**The kits consist of:**

- Arco video door phone
- Power supply unit 789/5B
- Coax bracket 1705/90
- Sinthesi flush-mounting box 1145/51
- Frame and rim 1145/61
- Loudspeaking unit with B/W camera 1745/81 (for 1715/621 kit) or 1745/82 (for 1715/622 kit)



See specific section for system features and accessories.

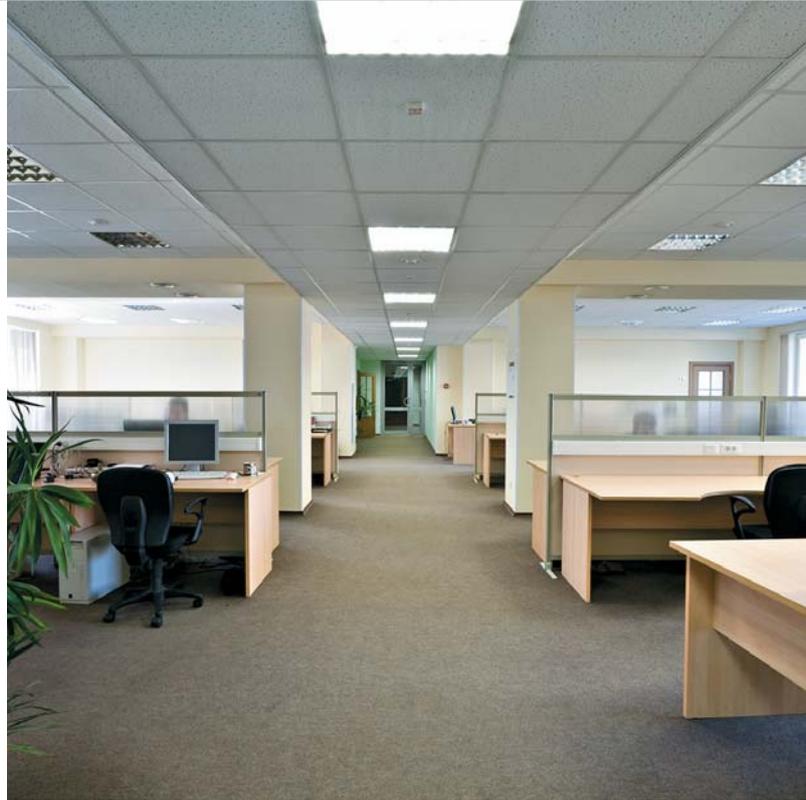


# TELEPHONY

## From telephony to communications

Telephony evolves and turns into an instrument capable of responding to an increasing number of needs. With special interfaces (GSM, VoIP) and telephone integration modules, Urmet offers many advantages:

- **More convenient, versatile communications:** telephones are used for calling and for **controlling door phone functions**, including opening the door. Top level practicality, particularly in large buildings and gardens.
- **Very flexible and hands-free:** using a simple **Sinthesi door unit module** with telephone functions you can install a door opening system with evolved functions (management of two doors, light/camera activation, day/night, remote call), connection to PABX switchboards with intercom function.
- **Maximum saving: innovative Urmet GSM interfaces** are versatile devices which recognise the called number and convert the communication by GSM module for mobile phone calls.
- Today, the **new VoIP devices** can be used to communicate over the internet using a simple ADSL line.





**Agorà 2 - Mod. 1372**  
Page 128

**SWITCHBOARDS AND TELEPHONE INTERFACES**

Flexible communications for home and office



**VOIP TECHNOLOGY  
AT THE SERVICE OF TELEPHONY**

Page 132



**TELEPHONE  
DEVICES *new***

Page 134



**GSM INTERFACES**  
For managing saving

Page 142



**SURGE PROTECTION  
AND ACCESSORIES *new***

4821/1

Page 146



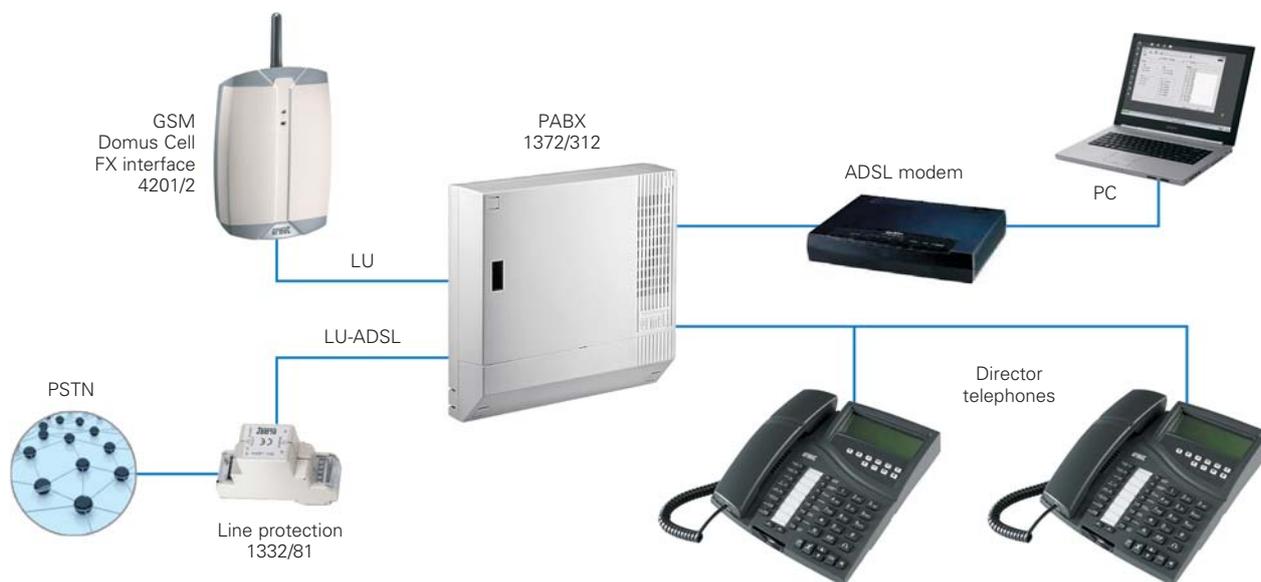
# AGORÀ 2 TELEPHONE SWITCHBOARD



- Basic configuration using 1 line and 4 extensions
- Can be expanded up to 12 extensions and 3 dial lines
- Polarised boards
- Integrated ADSL 2+ filter board
- Interface for digital door phone systems
- Relay activation (e.g. for opening doors) using simple CLI recognition
- Automatic routing of dialled calls according to destination: local, international, GSM
- Possibility of making all phones or some phones ring at the same time
- Automatic and manual day/night switching
- Telephone programming using speech synthesis functions from PC and PDA (Palm® and WinMobile®) with optional RS232 and IRDA interface

#### Additional functions

- Door phone/telephone function
- Connection using only two wires to a Sinthesi entry panel for activating door listening function (e.g. doctor's office)
- Automatic switch fax
- Options for turning on and off heaters, staircase lights, garden watering systems, and hot line for emergency calls
- Call ID also between extensions.



Agorà 2 has been created for telephone system needs in homes, shops and small businesses: the only small switchboard with polarised boards, Agorà 2 is modular and expandable, adapting to various needs, also after installation, simply by changing the board. Versatility is expressed in its numbers: up to 3 dial lines and 12 extensions (of which up to eight Director 2 devices). Small and compact, this switchboard is designed for very simple installation: quick connection terminals, without screws, for telephones and extensions. Pre-cut points allow to lead wires in from any side. Say board recognition and automatic start-up configuration make installation faster. The optional built-in ADSL 2+ filter set-up is automatic with no need to check for pre-existing external filters. Programming could not be simpler: it can be carried out from an extension, by means of speech synthesis, using a PC running dedicated software or a PDA in wireless mode (IRDA).



**Director 2CL**  
**Add Director 2CL**  
**and enjoy the advantages**  
**of monitoring and storing**  
**up to 16 numbers**  
**with direct call features**



# AGORÀ 2 telephone switchboard

## mod. 1372



1372/312

### BASIC TELEPHONE SWITCHBOARD ELEMENTS

---

-  **1372/312** **Expandable basic Agorà 2 PABX 1/4 Power: 230 Vac.**  
Basic Agorà 2 PABX with 1 dial line and 4 extensions, capable of managing up to 3 analogue dial lines, 12 extensions (up to 3 dedicated telephones Ref. 4095/14 or 8 Director 2 TOP or CL telephones). Basic configuration may be completed with further dial line interface boards (Ref. 1372/2) and extension boards (Ref. 1372/3). Optional PABX services such as: Door phone interface for Digivoice systems (Ref. 1372/53), Bibus (Ref.1372/54), 1+n (Ref. 1372/55) and 4+n (Ref.1372/56), USB/Serial interface Ref. 1372/50, ADSL filter (Ref. 1372/57) and IRDA interface for PDA (Ref.1372/58). Supplied with use and installation instruction manuals, CD with manuals in English, updated phrases in English, French, Spanish and Hebrew, SW applications for programming from PC and PDA.
- Max. consumption: 28VA
  - Installation: wall mounting
  - Weight: 1.65 kg (complete)
  - Dimensions: 231 (W) x 218 (H) x 55 (D) mm.
- 

- 1372/100** **Expandable basic Agorà 2 PABX 0/0**  
Basic Agorà 2 PABX without dial lines or extensions, capable of managing up to 2 analogue dial lines, 12 extensions (up to 3 dedicated telephones Ref. 4095/14 or 8 Director 2 TOP or CL telephones). Basic configuration must be completed with dial line interface boards (Ref. 1372/2) and further extension boards, if required (Ref. 1372/3). Optional PABX services such as: Door phone interface for Digivoice systems (Ref. 1372/53), Bibus (Ref.1372/54), 1+n (Ref. 1372/55) and 4+n (Ref.1372/56), USB/Serial interface Ref. 1372/50, ADSL filter (Ref. 1372/57) and IRDA interface for PDA (Ref.1372/58). Supplied with use and installation instruction manuals, CD with manuals in English, updated phrases in English, French, Spanish and Hebrew, SW applications for programming from PC and PDA.
- Power: 230 Vac.
  - Max. consumption: 28VA
  - Installation: wall mounted.
  - Weight: 1.65 kg (complete)
  - Dimensions: 231 (W) x 218 (H) x 55 (D) mm.
- 

- 1372/2** **Expansion board 1 dial line for Agorà 2 PABX**  
1 analogue dial line (PSTN) expansion board to be installed in Agorà 2 PABX.
- 

-  **1372/3** **Expansion board 1 extension for Agorà 2 PABX**  
1 BCA extension expansion board to be installed in Agorà 2 PABX.
- 



1372/3



1372/50



1372/53



1372/54



1372/55



1372/56



1372/57



4831/1

## ACCESSORIES

- |   |  |
|---|--|
|  <b>1372/50</b>  | <b>USB/RS232 interface for Agorà 2 PABX configuration via PC</b><br>Optional USB/RS232 interface board to be inserted in an Agorà 2 PABX. For configuring, updating and managing traffic data by connecting to a local PC running SCAITERM2NET application included in the CD supplied with the basic PABX. The board is complete with USB cable.  |
|  <b>1372/53</b>  | <b>Digivoice system door phone interface for Agorà 2 PABX</b><br>Optional interface board for directly connecting Agorà 2 PABX to Digivoice digital door phone systems.  |
|  <b>1372/54</b>  | <b>Bibus system door phone interface for Agorà 2 PABX</b><br>Optional interface board for directly connecting Agorà 2 PABX to Bibus digital door phone systems.  |
|  <b>1372/55</b>  | <b>1+n system door phone interface for Agorà 2 PABX</b><br>Optional interface board for directly connecting Agorà 2 PABX to 1+n digital door phone systems. Manages up to 3 calls and corresponding door opening codes.  |
|  <b>1372/56</b>  | <b>4+n system door phone interface for Agorà 2 PABX</b><br>Optional interface board for directly connecting Agorà 2 PABX to 4+n digital door phone systems. Manages up to 3 call inputs with corresponding door opening code, one of which programmable for auxiliary services.  |
|  <b>1372/57</b>  | <b>ADSL line filter for Agorà 2 PABX</b><br>Optional ADSL filter to be installed inside Agorà 2 in case of analogue voice line and standard ADSL data access. Board is active on line 3 and terminals for ADSL modem connection are provided on the bottom of the PABX.  |
| <b>1372/58</b>  | <b>Optional infrared interface board (IRDA)</b><br>For configuring the main PABX functions via PDA and "AgoràTerm" application included with the Agorà basic PABX board. Compatible with Palm® and OS WinMobile® (version 5 or higher). WinMobile® requires a 1372/58 board made in 2009 and is not compatible with earlier versions.  |
|  <b>4831/1</b> | <b>USB-mp3 external on-hold for PABX</b><br>The device may be connected to any PABX with the feature for recordings (music and voice) for calls on-hold. Suitable for playing any file in mp3 format stored on PC via USB (v.1.0 and 2.0).<br>- Memory capacity: 128MB<br>- Output: 600ohm differential<br>- Volume: adjustable from 0dBm to -18dBm<br>- Power: from 4.5 and 15Vdc<br>- Dimensions: 26 (W) x 69 (H) x 11 (D) mm. |

## DEDICATED SYSTEM TELEPHONES

- |                |   |
|----------------|---|
| <b>1362/6</b>  | See telephone terminal chapter page 138 |
| <b>1362/61</b> | See telephone terminal chapter page 138 |
| <b>4091/14</b> | See telephone terminal chapter page 138 |
| <b>4095/14</b> | See telephone terminal chapter page 138 |



# VOIP DEVICES



Voice communications over the Internet have become easy with VoIP: all you need is a personal computer and an ADSL connection to speak with anyone using the same system, at no additional costs. Traditional PSTN domestic and international numbers can be called at very advantageous rates. Another remarkable advantage is the possibility of choosing the VoIP operator to be used for the call each time regardless of the Internet provider.

This is possible also without a personal computer, i.e. simply by means of an IP telephone or ATA interface. VoIP has radically changed the world of communications by exploiting existing Local Area Networks. VoIP technology has developed enormously over the past years in terms of quality and reliability. The Urmet Domus range today includes a new VoIP telephone and an interface for connecting all Agorà switchboards to the IP network.



# VOIP DEVICES



4501/30

## 4501/30

### VoIP ATA 1 line interface

The main features are: a WAN port and a LAN with RJ45 connector; a RJ11 port for connecting a PSTN analogue line; a RJ11 port for connecting a traditional telephone or a traditional analogue line of the PABX. PC configuration by means of web browser and menu in English; recording function and management of up to 3 SIP accounts. The device is provided with six LED indicators: power, WAN, LAN, REG for active "SIP", Phone account indicating telephone connected in use and line for indicating analogue line in use.

- Power: 230Vac with adapter;
- Installation: table-top or wall;
- Dimensions: 143 (W) x 35 (H) x 117 (D) mm



TELEPHONY



4501/5

## 4501/5

### "Domus VoIPhone" VoIP telephone

The main features are: a WAN port and a LAN with RJ45 connector; a RJ11 port for connection to PSTN analogue line; a RJ11 port for telephone headset; configuration via Web Browser and telephone keypad; registration function and management of up to 3 SIP accounts; backlit display with programming menu in English; two LED indicators: REG for active SIP account registration, VMS for voice message presence; Hot Line mode; hands-free function; re-route/transfer/call waiting/call on-hold and conference call functions; adjustable volume/phone book/redial functions; programming menu in English and manual in Italian and English.

- Power: 230Vca with adapter (12Vdc/1A)
- Installation: table-top or wall
- Dimensions: 180 (W) x 225 (H) x 105 (D) mm

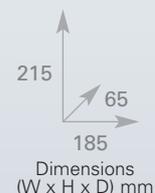




# TELEPHONE DEVICES



**EGEO** new  
Mod. 4099/45



- LED panel: up to 40 lights for line indications (free/busy) and voicemail messages
- Possibility of one direct call
- Caller's ID
- Integrated door phone systems
- Simple access to various services and to voicemail

## DEDICATED TELEPHONE

Professionalism at the service of communication

- Phone book acquisition from mobile phone SIM (1362/6)
- Easy operation using telephone headset 1362/62
- Self-powered, synchronised clock by PABX for Director 2



### A WIDE CHOICE:

- of styles, with handset or cordless
- multifunctional video door phones, telephones which display, with or without caller ID, hand-free
- telephone terminals with dedicated doorphone function keys for a perfect integration with Agorà Pabx

### WIDE RANGE OF TRADITIONAL TELEPHONES



# TELEPHONE DEVICES



4091/1



4091/5



4093/1



4093/15



4095/5

## ANALOGUE TELEPHONE AND DOOR PHONE SYSTEMS

-  **4091/1** "Director 2 Basic" telephone/door phone, anthracite  
The main features are: tone dialling (DTMF), 14 programmable memories (4 one-touch, 10 2-touchbuttons), direct "open door" button (R35, with PABX or Urmet Domus interface), direct "entry panel connection" button and "telephone/door phone line switch" button (R34, with PABX or Urmet Domus interface), telephone on-hold button, also without PABX, with on-hold music, "memo" button for storing and redialling any number, "R" button, "RP" button, "MEM" memory, adjustable ringer volume (Hi-Lo-OFF), call indicator (red light) and call on-hold indicator (green light).  
Installation: table-top or wall. Dimensions: 182 (W) x 227 (H) x 60 (D) mm.
-  **4091/5** "Director 2 Plus" telephone/door phone, anthracite  
The main features are: pulse or tone dialling (DTMF), 2x15 digit backlit display, caller ID (CLI) for up to 99 calls, 2 speed dial buttons and 99 number/name phone book, direct "open door" button (R35, with PABX or Urmet Domus interface), direct "entry panel connection" button and "telephone/door phone line switch" button (R34, with PABX or Urmet Domus interface), telephone on-hold button with on-hold music, "R" button, "RP" button, PABX code, telephone lock, programmable flash time (R button), adjustable display contrast, multilingual menu: Italian, English, French, German, Spanish, Portuguese and Polish. Adjustable ringer volume (Hi-Lo-OFF), call indicator (red) and on-hold indicator (green).  
Power: 4 alkaline batteries "AAA" LR03 (not included).  
Installation: table-top or wall.  
Dimensions: 182 (W) x 227 (H) x 60 (D) mm.
-  **4093/1** Basic "Domo" telephone, anthracite  
The main features of the telephone are: tone dial (DTMF); 13 memory positions (3 one-touch, 10 2-touchbuttons); mute button on base; memo button for storing and redialling any number; "R" (flash) button; "RP/P" button (redial last number and pause); ringer volume adjustment (Hi-Lo-OFF); call indicator; door phone function using one-touch buttons; additional card with door phone icons; plug/plug telephone line wire (RJ) with adapter (RJ socket/three-pole plug), anthracite grey. Power: direct from telephone line. Installation: table-top or wall.  
Dimensions: 172 (W) x 215 (H) x 81 (D) mm.
-  **4093/15** Multifunctional "Domo plus" telephone, anthracite  
The main features of the telephone are: tone dial (DTMF); 16 digit LCD, 20 memory positions (10 one-touch, 10 2-button combinations); mute button on base; memo button for storing and redialling any number; "R" (flash) button; "RP/P" button (redial last number and pause); ringer volume adjustment (Hi-Lo-OFF); call indicator; door phone function using one-touch buttons; operation without use of additional batteries, additional card with door phone icons; plug/plug telephone line wire (RJ) with adapter (RJ socket/three-pole plug), anthracite grey. Power: direct from telephone line. Installation: table-top or wall.  
Dimensions: 172 (W) x 215 (H) x 81 (D) mm.
-  **4095/5** Multifunctional "Studio plus" telephone, anthracite  
The main features of the telephone are: 4-wire connection; pulse/tone dial; display with adjustable contrast; caller ID; 80 name/number directory; speakerphone function; adjustable volume; 10 one-touch dial buttons programmable for door phone functions; on-hold music; "R" (Flash) button programmable time; 16 call tones with adjustable volume; call indicator; anthracite grey.  
Power: 4 alkaline batteries "AA" LR6 (not included). Installation: table-top or wall.  
Dimensions: 172 (W) x 215 (H) x 81 (D) mm.



4099/45

**ANALOGUE TELEPHONE AND DOOR PHONE SYSTEMS**

**4099/45\* new** Video-audio door phone-telephone "EGEO", anthracite grey  
 "Egeo" video-audio door phone-telephone integrates the function of multifunctional telephone and video door phone. The various functions of the device are managed on the colour screen (TFT 3.5") which also shows the video door phone picture. The large screen makes telephone numbers even easier to read. Connected as a telephone to an Urmet Domus PABX (UTD 1372/312, 1362/624) or to the interface UTD1332/40, the device can identify telephone and door phone calls. The video door phone picture is immediately displayed on the screen. The device is ready to work in 4+n systems with video distributor UTD 4099/55. Other interface boards are needed for operation in other system types. Special features of the device, in addition to traditional telephone functions, are: hands-free function; Caller ID function (CLI); Number/name phonebook; Door opening buttons, switch between calls to door unit and telephone/door phone line; multi-lingual menu: Italian, English, French, German and Spanish. An RJ11 port is provided for connecting to the telephone line and a RJ45 port is provided for connecting to the video distributor.

**4099/55\* new** The distributor converts video signal from the coax cable of a 4+n analogue system into a differential video signal and distributes to up to the "Egeo" UTD 4099/45" video-audio door phone-telephone.

**SCAITEL RANGE**

1332/1

**1332/1** Compact door telephone with function buttons for loudspeaking unit, white  
 SCAITEL compact telephone with dedicated door phone function buttons (door open, lights on, switchboard call and loudspeaking unit), pulse/tone dial, adjustable ringer, R and RP buttons. Table-top or wall-mounted installation. Suitable for use in combination with SCAITEL video door phone modules.  
 Dimensions: 89 (W) x 220 (H) x 64 (D) mm.

**1732/41** **Scaitel 4" color video module, for 50Hz system, white**  
 Scaitel video module designed by Architect Giugiaro for use in combination with door telephone 1332/1. Adjustable brightness and contrast. Supplied without bracket. May be used with adequate bracket in Bibus Vop, Digivoice, Coax and 5-wire systems. Dimensions: 167 (L) x 220 (H) x 60 (D) mm.

**1732/1** **Scaitel 4" B/W video module, for 50Hz system, white**  
 Scaitel video module designed by Architect Giugiaro for use in combination with door telephone 1332/1. Adjustable brightness and contrast. Supplied without bracket. May be used with adequate bracket in Bibus Vop, Digivoice, Coax and 5-wire systems. Dimensions: 167 (L) x 220 (H) x 60 (D) mm.



1732/41 - 1332/1



1732/1

**SCAITEL BRACKETS COMPARISON TABLE**

Code	Bibus VOP	Digivoice	Coax	5 wires	Notes
1732/955	-	-	-		Carriage shift for system connection
1732/91	-	-		-	Carriage shift for system connection
1732/957		-	-	-	To be placed next to ref 1072/42 switchboard
1732/92	-		-	-	It allows to place the video module next to the switchboard

\* Available third quarter 2010. Colour. Yes.



1750/32

## SCAITEL TELEPHONE ACCESSORIES

- |   |  |
|---|--|
| 1732/56   | <b>Table mounting kit for video module without bracket, white</b><br>Supplied without bracket but with 1,5 m long cord and socket.   |
| 1032/59   | <b>Kit of plates for assembling Scaitel modules</b><br>Accessory for mounting Scaitel modules side by side (door phone, image memory module, PABX, etc.).  |
|  1750/32** | <b>Thirty-two image memory module, white</b><br>For use in combination with Scaitel video module to save up to 32 images. The 32 images may be stored either automatically or manually with indications of date and time. Stored images may be viewed at any time. Images are stored for up to 4 hours without power. For use in coax systems. Images stored in B/W regardless of type of camera used. Dimensions: 90 (L) x 220 (H) x 42 (D) mm. |

## DEDICATED SYSTEM TELEPHONES



4095/14

- |   |  |
|---|--|
|  4095/14 | <b>Multifunctional "Studio CL" telephone with LED panel, anthracite</b><br>The main features of the telephone are: 4-wire connection; pulse/tone dial; display with adjustable contrast; LED field with 16 LEDs (3 dial lines, 12 extensions and 1 G/N); caller ID; 80 name/number directory; speakerphone function; adjustable volume; 5 one-touch dial buttons programmable for door phone functions; on-hold music; "R" (Flash) button programmable time; 16 call tones with adjustable volume; call indicator; anthracite grey. Power: 4 alkaline batteries "AA" LR6 (not included). Installation: table-top or wall. Dimensions: 172 (W) x 215 (H) x 81 (D) mm. |
|---|--|



4091/14

- |   |  |
|---|--|
|  4091/14 | <b>"Director 2 CL" system telephone, anthracite</b><br>Specifically designed for Agorà 2 PABX Ref. 1372/312. The main features of the telephone are: 4 wire connection, large 2-row display, 20 digits and icons, caller ID, 16 programmable function buttons, 10 facilitated access buttons (door phone functions, day/night switch, volume, etc.), directory of 250 names and numbers, last 20 calls dialled, received and missed, telephone headset management button. Power: direct from connected PABX. Installation: table-top or wall. Dimensions: 204 (W) x 222 (H) x 78 (D) mm. |
|---|--|



1362/6

- |  |  |
|--|--|
|  1362/6 | <b>"Director 2 Top" system telephone, anthracite</b><br>Specifically designed for Agorà 2 Ref. 1372/312, this telephone has a backlit 2-row, 20 digit display and icon. SIM card reader for GSM telephone directory. The main features of the telephone are: four wire connection, caller ID, 16 programmable function buttons, 18 facilitated access function buttons (door phone functions, voice mail access, volume, etc.), 250 number and name directory, last 20 calls dialled, received and missed, telephone headphone button, ready for DSS Ref. 1362/61 for expanding programmable buttons. Power: direct from connected PABX. Installation: table-top or wall. Dimensions: 204 (W) x 222 (H) x 78 (D) mm. |
|--|--|



1362/61

- |   |   |
|---|---|
|  1362/61 | <b>Supplementary indicating device (DSS) for Director 2 TOP telephone Ref. 1362/6</b><br>Supplementary indicating device (DSS) for Director 2 TOP telephone Ref.1362/6, electrically and mechanically connected, 40 additional programmable buttons. Installation: table-top or wall. Power: direct from connected telephone. Dimensions: 72 (W) x 222 (H) x 78 (D) mm. |
|---|---|

\*\* Contact the sales network for availability.



## COMPATIBILITY TABLE

Code	Telephone	Protocol	Pabx Agorà 2 (1372/312)	
			min.	max.
4095/14	Studio CL	1	0	3
4091/14	Director 2 CL	2	0	8
1362/6	Director 2 Top	2	0	8

## CORDLESS TELEPHONES

-  **4117/1** "Vela" cordless DECT telephone, black  
The main features of the telephone are: Dialling: DTMF / pulse, backlit keypad and display; hands-free; 10 call tones; adjustable handset volume; 40 number/name phone book; caller's ID (CLID) with 10 memories; last 10 dialled calls, pre-selection.  
Base power: 230Vac with adapter. Terminal power: rechargeable "AAA" NiMh batteries; Installation: table-top.



4117/1

## ACCESSORIES AND SPARE PARTS

- 1332/51** Table-top stand with bracket for compact door telephone Ref. 1332/1, white  
Table-top stand for door telephone Ref. 1332/1 suitable for use with SCAITEL video module, white.
- 1332/91** Wall-mounting bracket for door telephone Ref. 1332/1
-  **1362/62** Telephone headphone with amplifier.  
The device is ideal for use with "Director 2 TOP" Ref. 1362/6 and "CL" Ref. 4091/14 telephones and compatible with all Urmet Domus telephones. Directly connect the telephone associated to the spiral handset cord. The latter must be connected to the telephone headset again. A telephone call can be made using both devices in this manner. Main features: headset or earpiece with noise-attenuating microphone, may be used without arch, received and transmission volume amplifier, headset/handset switch, headset online indicator, mute indicator, flat battery indicator. Installation: table-top.  
Power: 3 "AA" batteries (LR6) or adapter.  
Base dimensions: 95 (W) x 145 (H) x 60 (D) mm.
-  **1362/103** Spare handset for "Director 2" series telephones  
The handset is provided with cord and plug/plug for connecting to any "Director 2" telephone.



1362/62



1362/103

# TELEPHONE DEVICES

## MAIN FEATURES TABLE

	SCAITEL UTD 1332/1	DOMO UTD 4093/1	DOMO plus UTD 4093/15	STUDIO plus UTD 4095/5	STUDIO CL UTD 4095/14
Standard 2-wire connection (BCA)	•	•	•	•	-
Dedicated 4-wire connection	-	-	-	-	•
Video connection (RJ45)					
Integrated 16-LED lamp field (CL)	-	-	-	-	•
Direct call buttons and indication of line/derivate state	-	-	-	-	
Device setup Supplementary indication	-	-	-	-	-
SIM card reader	-	-	-	-	-
Display	-	-	1x16 numeric	alphanumeric	alphanumeric
Headset control button	-	-	-	-	-
Programmable direct call buttons	-	3	10	10	5
Possibility of programming door phone buttons		•	•	•	•
Dedicated door phone buttons	•	-	-	-	-
Indirect call memories	-	10	10	-	-
Internal phonebook	-	-	-	80	80
Speakerphone function	-	-	•	•	•
Caller ID (CLI)	-	-	-	•	•
Ringer	1	1	1	16	16
Ringer volume adjustment	max-med-min	Hi-Lo-OFF	Hi-Lo-OFF	•	•
Voice volume adjustment	-	-	•	•	•
Pabx Agorà 2 UTD1372/312 compatibility	•	•	•	•	•
Pabx Agorà 6 UTD1362/624 compatibility	•	•	•	•	-
Power with batteries	-	-	-	4 x "AA" LR6	4 x "AA" LR6
External power	-	-	-	-	-
Table/wall installation	•	•	•	•	•
Colour	ivory	anthracite	anthracite	anthracite	anthracite
Dimensions (W x H x D) mm	89 x 220 x 64	172 x 215 x 81	172 x 215 x 81	172 x 215 x 81	172 x 215 x 81

• Yes.



## MAIN FEATURES TABLE

	DIRECTOR Basic UTD 4091/1	DIRECTOR Plus UTD 4091/5	DIRECTOR CL UTD 4091/14	DIRECTOR TOP UTD 1362/6	"Egeo" video door phone and telephone UTD 4099/45
Standard 2-wire connection (BCA)	●	●	-	-	●
Dedicated 4-wire connection	-	-	●	●	-
Video connection (RJ45)					●
Integrated 16-LED lamp field (CL)	-	-	-	-	-
Direct call buttons and indication of line/derivate state			●	●	-
Device setup Supplementary indication	-	-	-	●	-
SIM card reader	-	-	-	●	-
Display	-	2x15 backlit alphanumeric	2x20 alphanumeric and icons	2x20 backlit alphanumeric and icons	TFT graphic 3,5"
Headset control button	-	-	●	●	-
Programmable direct call buttons	4	2	16	16	-
Possibility of programming door phone buttons	-	-	-	-	-
Dedicated door phone buttons	●	●	●	●	●
Indirect call memories	10	-	21	21	-
Internal phonebook	-	99	250	250	99
Speakerphone function	-	●	●	●	●
Caller ID (CLI)	-	●	●	●	●
Ringer	1	1	6	6	5
Ringer volume adjustment	Hi-Lo-OFF	Hi-Lo-OFF	●	●	●
Voice volume adjustment	-	●	●	●	●
Pabx Agorà 2 UTD1372/312 compatibility	●	●	●	●	●
Pabx Agorà 6 UTD1362/624 compatibility	●	●	●	●	●
Power with batteries	-	4 x "AAA" LR3	-	-	-
External power	-	-	-	-	12Vcc (110-230Vca)
Table/wall installation	●	●	●	●	table
Colour	anthracite	anthracite	anthracite	anthracite	anthracite
Dimensions (W x H x D) mm	182 x 227 x 60	182 x 227 x 60	204 x 222 x 78	204 x 222 x 78	185 x 215 x 65



# TELEPHONE INTERFACES



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

## The device to help you save money

Telephone interfaces are devices which allow to connect telephone terminals to other equipments or communication networks.

Specifically, we have door phone/telephone interfaces for door phone system applications, "GSM/GPRS" interfaces for using the GSM network and "Telephone loudspeaking units" for integrating any telephone switchboard (PABX) with a "Synthesi" loudspeaking unit. Each interface can offer various integration needs.





# TELEPHONE INTERFACES

## Door phone/telephone interfaces

This device is used to allow communication, also at the same time, with a dial 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.

Specifically, the new door phone interface 1332/40 offers various installation solutions: direct power from loudspeaking unit, management of two door units, door unit call confirmation tone, etc.



1332/40



1072/67

### **1332/40 new** Door phone/telephone interface

Interface device for telephone lines and door phone systems and replaces the 1332/30. One device connected to an analogue dial line and 4+n door phone system (this device must be connected to other dedicated interfaces). Allows to manage telephone and door phone calls to a single telephone terminal. Set up for connecting to two loudspeaking units and equipped with two relays for opening the door or for auxiliary services. Supplies power (+6Vdc) to a PE and different operating modes, programmable directly from the connected phone. Power: 12 Vac. Minimum consumption: 3/10VA. Installation: DIN bar. Dimensions: 108 (W) x 90 (H) x 55 (D) mm (6 DIN modules).

### **1072/67** Bibus PABX interface. Wall-mounted installation

For using Scitel Agorà PABX in Bibus systems and maintaining the original functions (door phone call and conversation, concierge switchboard call and conversation, door opening, special services, floor call).

### **1038/67** Digivoice/4+n voice adapter

Wall-mounted installation. Consumption: 2.5 mA. For using Agorà Urmet Domus switchboards in an apartment. Manages "4+n" audio output and may be connected to telephone switchboard or used in a mixed Digivoice and "4+n" system.

### **955/67** PABX interface for "1+1" audio and 5-wire video systems

The device is used to connect a Scitel PABX switchboard to a 5 wire video or "1+1" audio system and to manage all services connected to the audio/video system: calls, conversations between telephone and loudspeaking unit, door opening. Dimensions: 125 (W) x 100 (H) x 40 (D) mm. Input voltage: > 2.5Vac. Voltage during operation: 5.9V @ 25 mA.

### **1082/67** 2GO! interface. Installation on 6 DIN module bar

Connected to 2GO! riser column (by means of one-user distributor Ref. 1082/51 to be purchased separately) supplies typical 4+n signal outputs (1 - 2 - CA - 6 - 9) for connecting to any PABX. Video signal output on coax base band to terminals V3-V5 for connecting any non-coax 4+n brackets. This allows the following solutions: connection of Utopia speaker with 1703/91 bracket and 1703/2 monitor; connection of one or two monitors with coax bracket in apartment, while in 2GO! system the apartment is seen as a single device; PABX with telephones and video modules; connection to a relay 788/1 and a one-family kit with coax for floor calls by video loudspeaking unit. Dimensions: 108 (W) x 90 (H) x 61 (D) mm.

## Telephone loudspeaking unit

This is a Sinthesi 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.



1145/1



1145/2

### 1145/1

#### Sinthesi module 1 button with telephone loudspeaking unit

Basic module, 1 button with built-in loudspeaking unit. Capable of managing up to 64 buttons. Each calling button may be associated with up to 2 numbers (day/night) of 16 digits each, password protected programming, pulse or tone dial, auto-on, 2 independent actuator relays configurable for different applications, automatic power on with externally power name tag lights. Adjustable speaker and microphone volume. Degree of protection: IP42. Min power voltage/current: 18Vdc/18mA. Light power: 12Vdc/10-12Vac. Max. light current: 300mA. One Sinthesi module in size. Supplied without flush-mounting box, frame or module holder case.

### 1145/2

#### Sinthesi module 2 buttons with telephone loudspeaking unit

Basic module, 2 buttons with built-in loudspeaking unit. Capable of managing up to 64 buttons. Each calling button may be associated with up to 2 numbers (day/night) of 16 digits each, password protected programming, pulse or tone dial, auto-on, 2 independent actuator relays configurable for different applications, automatic power on with externally power name tag lights. Adjustable speaker and microphone volume. Degree of protection: IP42. Min power voltage/current: 18Vdc/18mA. Light power: 12Vdc/10-12Vac.  
 - Max. light current: 300mA.  
 - One Sinthesi module in size.  
 - Supplied without flush-mounting box, frame or module holder case.

### 1145/4

#### Expansion module 4 buttons with telephone loudspeaking unit

4 buttons module with basic module expansion 1145/1 or 1145/2 and integrated loudspeaking unit. Degree of protection: IP42. One Sinthesi module in size. Supplied without flush-mounting box, frame or module holder case.



## GSM interfaces

### **INNOVATION IS ALSO THE POSSIBILITY OF COMMUNICATING MORE COST-EFFECTIVELY.**

“Domus Cell” 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.

The device is also useful as back-up emergency line. “Domus Cell FX” and “Domus Cell basic” can be used to communicate in ease using a table-top telephone also where no land line is available as long as an adequate GSM mobile network coverage is ensured.

The “Basic” model is ready for managing voice communications while the “FX” model offers additional services, such as:

- data transmission, SMS and fax from PC via RS232 serial port
- Internet navigation (GPRS class 10, MS class B)
- connection to Fax Group 3 (G3) and ITU-T T.4 and T.30 (ask GSM provider is service is available) and modem for analogue line with speed of up to 33.6 Kbps (V.34).

A SIM card (3V and 1.8V) for mobile communication like the one used in a normal GSM telephone is required for operation.



4201/2

#### 4201/2\*\*

##### “Domus Cell Fx” GSM interface

The device allows to connect a telephone (BCA) or analogue dial line of a PABX to the GSM/GPRS mobile network. It provides caller’s ID and is compatible with all Urmet Domus Agorà PABX switchboards and any BCA telephone. Services in addition to voice include: data transmission, SMS and fax from PC via RS232 serial port, Internet (GPRS class 10, MS class B), Group 3 fax connection and management (the service must be made available by the GSM network provider).

Power: 230Vac with adapter.

Installation: wall mounted.

Dimensions: 125 (W) x 183 (H) x 42 (D) mm.



4203/1

#### 4203/1

##### **new** “Domus Cell Basic” GSM interface

The device allows to connect a telephone (BCA) or analogue dial line of a PABX to the GSM mobile network (900 and 1800). It provides caller’s ID and is compatible with all Urmet Domus Agorà PABX switchboards and any BCA telephone. Its small size and separate antenna ensure maximum installation flexibility.

Connection to PC via USB v.1.1 port.

Power: 230Vac with adapter.

Installation: wall mounted.

Dimensions: 60 (W) x 93 (H) x 27 (D) mm.

NOTE: External antenna with 5 m cable UTD1067/014 can be used for particularly critical installations.

\*\* Contact the sales network for availability.



# SURGE PROTECTIONS, FILTERS and system accessories

## SURGE PROTECTIONS AND FILTERS



1332/85

**1332/80** Mains surge protection device, 230Vac, 400VA  
For maximum efficiency, install the protection on the power line near the device to be protected. The device will trip in presence of dangerous current surges on the power line. Max. current 2A. Max. load: 400VA. Installation: wall mounted on DIN bar, 2 modules. Dimensions: 36 (W) x 104 (H) x 75 (D) mm.

 **1332/85** Mains surge protection device, 230Vac, 4000VA  
For maximum efficiency, install the protection on the power line near the device to be protected. The device will trip in presence of dangerous current surges on the power line. Use with Ref. 1332/86 filter recommended because their action is complementary. Max. current 20A Max. load: 4000VA Installation: DIN bar, 2 modules. Dimensions: 36 (W) x 90 (H) x 58 (D) mm.

**1332/86** Mains filtering device, 230Vac, 4000VA  
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: 230Vac - 50Hz Attenuation: 60dB @ 2MHz. Max. current 20A  
Max. load: 4000VA Installation: DIN bar, 2 modules.  
Dimensions: 36 (W) x 90 (H) x 58 (D) mm.

**1332/81** Surge protection device for 1 analogue telephone line  
For maximum efficiency, install the protection on the power line near the PABX to be protected. Specifically, the device must be installed on all dial and extension lines connecting out of the building or to which electrical devices, such as fax machines, modems, answering machine, cordless telephones, etc. are connected. The device will trip in presence of dangerous current surges on the line.  
Installation: wall mounted or DIN bar mounted, 2 modules.  
Dimensions: 36 (W) x 104 (H) x 75 (D) mm.



1332/82

 **1332/82** Surge protection device for 2 analogue telephone lines  
For maximum efficiency, install the protection on the power line near the PABX to be protected. Specifically, the device must be installed on all dial and extension lines connecting out of the building or to which electrical devices, such as fax machines, modems, answering machine, cordless telephones, etc. are connected. The device will trip in presence of dangerous current surges on the line.  
Installation: wall mounted or DIN bar mounted, 2 modules.  
Dimensions: 36 (W) x 104 (H) x 75 (D) mm.



1382/21

 **1382/21** **new** 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 power line near the PABX to be protected. The device will trip in presence of dangerous current surges on the line.  
Installation: wall mounted on DIN bar, 2 modules.  
Dimensions: 36 (W) x 104 (H) x 75 (D) mm.

**SYSTEM ACCESSORIES**

1372/99	<b>Analogue dedicated telephone line tester</b> Device for simple, complete testing of analogue telephone line (dial line and PABX extension) and of dedicated telephone signals connected to Agorà 2.
3850/1	<b>Supplementary electromechanical telephone ringer</b> Supplementary electromechanical telephone ringer made of plastic with metal bell. Power: > 26Vac 20-50Hz. Installation: wall-mounted or flush-mounted with unified telephone socket.
 2841/1	<b>Loud bell ringer 60 Vac, 50 Hz, 120 mm</b> Loud bell ringer with wall support. Power: 60 Vac, 50 Hz. Diameter 120 mm. Sound level: > 93 dBA @ 1m. Installation: wall-mounted.
2841/2	<b>Loud bell ringer 12 Vac, 50 Hz, 120 mm</b> Loud bell ringer with wall support. Power: 12 Vac, 50 Hz. Diameter 120 mm. Sound level: > 93 dBA @ 1m. Installation: wall-mounted.
821	<b>Telephone call repeater</b> 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 Ref. 2841/1 or /2. Power: 230 Vac. Installation: bar fitted, 7 DIN modules.
 4821/1 <b>new</b>	<b>Wireless telephone repeater</b> The device recognises analogue line calls (local line or PABX extension) and sends a radio signal to a MISTRAL receiver UTD 4311/2 or 4311/3 located within the coverage field. The receiver emits the acoustic signal. The device may be powered by an internal battery or external adapter, such as UTD 1092/800 (12Vdc), also suitable for the receiver UTD 4311/2. - Open field range: 100 m. - Degree of protection: IP54. - Transmission frequency: 868.35 MHz. - Installation: wall mounted. - Power: 230Vac from adapter (12 Vdc) or battery 9V (not included)



2841/1



4821/1



4311/2



4311/3

**RINGERS**

 4311/2	<b>Mistral Wireless ringer, range 200 m</b> Powered by 4 AA batteries 1.5V; 6 selectable ring tones and alarm function.
 4311/3	<b>Mistral Wireless ringer, range 150 m</b> Power: 230Vac; 12 selectable ring tones and alarm function.

◆ For connecting wireless ringers, see page 59.



# CLIMATE CONTROL

A comfortable environment is also determined by the surrounding atmosphere and climate. Urmet suggests a range of solutions for creating your ideal space: for office and for home, choose the reliability of Urmet thermostat or thermostat timers. Choose new styles. The gas detector range features other environmental control instruments: for comprehensive safety.

- **Saving, consumption optimisation and safety**
- **Suitable for all indoor environments**
- **A large display for quick setting readouts**
- **User-friendly: easy to program and with dedicated buttons for quick activations**





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**Thermostat timers**  
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# THERMOSTATS

## THERMOSTATS

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1400/1

 **1400/1**

**KLIMAT M1 electromechanical thermostat**

Thermostat with saturated value expansion plenum. No power needed.

Temperature adjustment knob range may be reduced or locked.

- Installation: wall mounted.
  - Power: not needed
  - Contact type: SPDT (exchange)
  - Max. contact power: 16 A - 250 Vac
  - Temperature control range: from 8°C to 30°C
  - Degree of protection: IP30
  - Dimensions: 85 (W) x 85 (H) x 31 (D) mm.
- 



1410/1

 **1410/1**

**KLIMAT E1 electronic thermostat**

Electronic thermostat with active relay indicator LED. Temperature adjustment knob range may be reduced or locked. Ready for optional remote sensor Ref. 1410/51.

- Installation: wall mounted.
  - Power: 230 Vac - 50 Hz
  - Consumption: 1 VA max.
  - Contact type: SPDT (exchange)
  - Max. contact power: 5 A - 250 Vac
  - Temperature control range: from 8°C to 30°C
  - Degree of protection: IP30
  - Dimensions: 85 (W) x 85 (H) x 31 (D) mm.
- 



1410/2

 **1410/2**

**KLIMAT E1+ summer/winter electronic thermostat**

Electronic thermostat with active relay indicator LED and summer/winter/off switch. Temperature adjustment knob range may be reduced or locked.

Ready for optional remote sensor Ref. 1410/51.

- Installation: wall mounted.
  - Power: 230 Vac - 50 Hz
  - Consumption: 1 VA max.
  - Contact type: SPDT (exchange)
  - Max. contact power: 5 A - 250 Vac
  - Temperature control range: from 8°C to 30°C
  - Degree of protection: IP30
  - Dimensions: 85 (W) x 85 (H) x 31 (D) mm.
- 



1410/3

 **1410/3**

**KLIMAT ED1 electronic thermostat with LCD**

Electronic thermostat with summer/winter/off switch and temperature and relay status display. Temperature adjustment knob range may be reduced or locked.

Ready for optional remote sensor Ref. 1410/50.

- Installation: wall mounted.
  - Power: 230 Vac - 50 Hz
  - Consumption: 1 VA max.
  - Contact type: SPDT (exchange)
  - Max. contact power: 5 A - 250 Vac
  - Temperature control range: from 6°C to 30°C
  - Degree of protection: IP30
  - Dimensions: 85 (W) x 85 (H) x 31 (D) mm.
-



1420/2

## THERMOSTATS

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### 1420/2

#### KLIMAT FAN2 Fan Coil thermostat

A new electronic thermostat for fan coils. Replaces Ref. 1420/1.

Summer/winter/off switch and fan speed adjustment switch.

Ready for optional remote sensor Ref. 1410/51.

- Installation: wall mounted.
  - Power: 230 Vac - 50 Hz
  - Consumption: 3 VA max.
  - Contact type: SPDT (exchange)
  - Max. contact power: 3 A - 250 Vac
  - Temperature control range: from 10°C to 30°C
  - Degree of protection: IP20.
  - Dimensions: 130 (W) x 96 (H) x 40 (D) mm.
- 

## THERMOSTAT ACCESSORIES

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### 1410/50

#### Indoor temperature sensor for thermostat Ref. 1410/3

Sensor for remote temperature detection. Suitable for use with Ref. 1410/3 thermostats. White plastic casing for inloundspeaking unit.

- Installation: wall-mounted, indoor use
  - Sensor: PTC 2K
  - Colour: white.
  - Degree of protection: IP30
  - Dimensions: 85 (W) x 85 (H) x 31 (D) mm.
- 

### 1410/51

#### Indoor temperature sensor for thermostats Ref. 1410/1, 1410/2 and 1420/1

Sensor for remote temperature detection. Suitable for use with Ref. 1410/1, Ref. 1410/2 and Ref. 1420/1 thermostats.

White plastic casing for inloundspeaking unit.

- Installation: wall-mounted, indoor use
  - Sensor: NTC 4K7.
  - Colour: white.
  - Degree of protection: IP30
  - Dimensions: 85 (W) x 85 (H) x 31 (D) mm.
- 

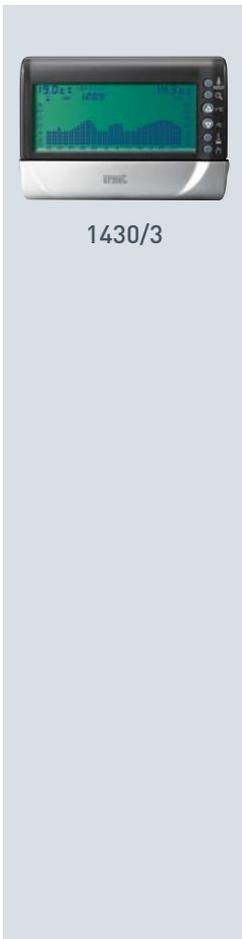


1410/50



# THERMOSTAT TIMERS

## WEEKLY THERMOSTAT TIMER Stylish simplicity



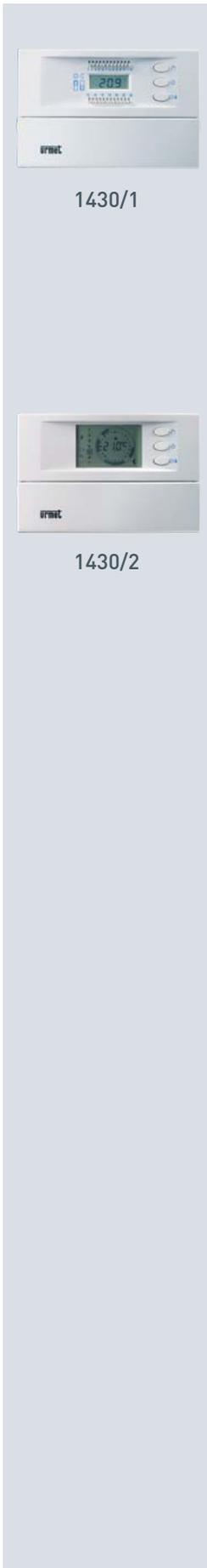
## THERMOSTAT TIMERS

### 1430/3

#### KLIMAT ZOOM weekly thermostat timer

Weekly digital wall-mounted thermostat timer for temperature control in heating and cooling systems. Large LCD showing bar chart of set temperatures 24 hours or 12 hours (Zoom function) and all other operating information (time, on/off status, summer/winter, etc). Advanced comfort functions include: Advanced Time and Stop&Go. Other useful functions are: automatic summer saving time switch, cleaning and holiday functions for saving energy and pump anti-lock to keep the system efficient at all times.

- Installation: wall-mounted or 502/503 box mounted in with specific bracket
- Power: 2 LR6 batteries 1.5 Volt
- Autonomy: approximately 1 years (alkaline)
- External control: Free potential exchange
- Max. contact power: 5 (1) A @ 250VCA SPDT
- Winter temperature setting: +5 ... +26 °C
- Summer temperature setting: +18 ... +30 °C
- Differential: 0.2 °C asymmetric.
- Colour: anthracite grey with metal coloured hatch
- Degree of protection: IP30
- Dimensions: 142 (W) x 99 (H) x 33 (D) mm.



## THERMOSTAT TIMERS

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### 1430/1

#### **KLIMAT PRO1 daily thermostat timer**

Daily timer thermostat. Two selectable temperatures (comfort or economy) shown on display LCD. For temperature control in heating and cooling systems alike. Automatic or manual operation by means of 24 micro switches with anti-frost function.

- Installation: wall-mounted or 503 box mounted in with specific bracket
  - Power: 2 LR6 batteries 1.5 Volt
  - Battery life: approximately 2 years (alkaline)
  - Max. contact power: 6 A - 250 Vac
  - Temperature control range: from 10°C to 30°C
  - Heat differential: 0.2°C asymmetric
  - Colour: white.
  - Degree of protection: IP30
  - Dimensions: 133 (W) x 87 (H) x 32 (D) mm.
- 

### 1430/2

#### **KLIMAT PRO7 weekly thermostat timer**

Weekly timer thermostat. Two selectable temperatures (comfort or economy). Automatic and three manual operating modes: temporary, comfort permanent and low permanent. The display shows system status, temperature, current time, operating mode, programmed time range for the current day and flat battery indicator. Advanced comfort functions include: Advanced Time and Stop and Go.

- Installation: wall-mounted or 503 box mounted in with specific bracket
  - Power: 2 LR6 batteries 1.5 Volt
  - Battery life: approximately 2 years (alkaline)
  - Max. contact power: 6 A - 250 Vac
  - Temperature control range: from 10°C to 30°C
  - Heat differential: 0.2°C asymmetric
  - Colour: white.
  - Degree of protection: IP30
  - Dimensions: 133 (W) x 87 (H) x 32 (D) mm.
- 

## ACCESSORIES

---

### **1430/50**

#### **Indoor temperature sensor for thermostat timers UTD 1430/2 and 1430/3**

Sensor for remote temperature detection. Suitable for use with thermostat timer UTD 1430/2 and 1430/3.

- Installation: wall-mounted, indoor use.
  - Sensor: NTC 100K.
  - Colour: white.
  - Dimensions: 85 (W) x 85 (H) x 31 (D) mm.
- 

### **1430/60**

#### **Outdoor temperature sensor for thermostat timers UTD 1430/2 and 1430/3**

Sensor for remote temperature detection. Suitable for use with thermostat timer UTD 1430/2 and 1430/3.

- Installation: wall-mounted, suitable for outdoor use.
  - Sensor: NTC 100K.
  - Colour: white. Degree of protection: IP65.
  - Dimensions: 52 (W) x 50 (H) x 35.5 (D) mm.
-



# GAS DETECTORS



The leak of methane gas is extremely dangerous and it has no odour it cannot be detected by people, unless its grave consequences become evident, even when inhaled in small concentrations. Which is why Urmet has developed a device of safe and functional methane gas detector. Urmet detectors use one of the most modern construction technologies, based on the highest quality semiconductor sensors, able to offer high levels of reliability and precision. To guarantee effective safety, the gas leak detector must be combined with a solenoid valve that can interrupt the gas flow when there is an alarm. Urmet also offers a solenoid valve and adapter kit for practical installation.



1450/1

## GAS DETECTORS

---

-  **1450/1** **TITANO MET Methane Gas Detector**  
The device is fitted with a buzzer for the acoustic alarm and 3 LEDs for signalling alarm status, detector active and sensor failure.  
A pushbutton has been fitted for test functions and for silencing the buzzer.  
Watertight relay alarm output capable of direct solenoid valve control both at 230 VAC and 12 VCC, normally open or normally closed. Autodiagnosics circuit for checking correct sensor functioning. Acoustic and visual signalling for detector replacement after 5 years of useful life.  
Power supply: 230V- ± 10%, 50Hz  
Output: watertight relay 6A, 250 V  
Protection level: IP 42  
Size: 150 x 84 x 32 mm (L x H x D).
- 



1450/701

## KITS

---

-  **1450/701** **TITANO MET Methane Gas Detector**  
Kit Includes a Ref. 1450/1 detector with Ref. 1450/100 solenoid valve (normally open with manual resetting, powered by 230 Vac).  
The kits are complete with two 3/4 " and 1/2 " bushings, which may be used with the solenoid valve if required.
- 



1450/100

## SPARE PARTS / ACCESSORIES

---

-  **1450/100** **Normally open solenoid valve, 230 Vac**  
Normally open, manually rearmed solenoid valve.  
Spare part for kit UTD 1450/701.  
Type: normally open (NO).  
Power: 230Vac - 50Hz.  
Max. consumption: 5VA.  
Max. pressure: 500 mbar.  
Degree of protection: IP65.  
Threaded fittings: 3/4" (ISO228/1).
- 
- 1450/112** **Normally open solenoid valve, 12 Vdc**  
Normally open, manually rearmed solenoid valve.  
For use with gas detector UTD 1450/1.  
Type: normally open (NO).  
Power: 12Vdc  
Max. consumption: 2VA.  
Max. pressure: 500 mbar.  
Degree of protection: IP65.  
Threaded fittings: 3/4" (ISO228/1).
-



# CCTV

## Urmet: your ideal partner for CCTV security

Urmet has developed products implementing state of the art technology for integrated application solutions. The portfolio takes all application and security needs into account, for total results based on consolidated experience. Urmet offers a complete range to installers for designing video surveillance systems suited to all application contexts, from small shops to highly specialised locations, such as museums, airports and public city areas.

**new** **SL** **PL** **Smart-line** and **Pro-line** series

The best solutions offering more versatile and cost-efficiency cameras: Smart line with 540 TVL resolution and for Pro-line 580 TVL resolution. For tailored projects in terms of costs and performance.

- Camera unit
- Display unit
- Video control devices
- Digital video recorders and IP solutions
- Transmission system



## CAMERAS

Colour, black and white,  
Day & Night.  
A full assortment of lenses  
and accessories.



**Cameras**  
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**Lenses**  
Page 165



**Housings**  
Page 166



**Lights**  
Page 168



## MINI CAMERAS

Invisible eyes  
Page 170



## BALL CAMERAS AND MINI DOME CAMERAS

Technology is miniature  
Page 180



**THERA**  
Innovation,  
professionalism,  
cost-effectiveness  
Page 186



**EASYDOME**  
The CCTV  
professionals  
Page 190



**PAN AND TILT  
AND POWER  
SUPPLY UNITS**  
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**MONITORS**  
A full range of displays  
Page 200



**SCREEN SPLITTERS**  
Basic video control devices  
Page 198



**DVR**  
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**Software**  
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**Video Server**  
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**IP cameras and  
Megapixel new**  
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## NEXT-GENERATION COMPONENTS FOR IP SOLUTIONS



**Video transmission  
via UTP wire**  
Page 228



**Wireless video  
transmission**  
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**Multiband network  
video signal transmissions**  
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## COMPREHENSIVE VIDEO TRANSMISSION OPTIONS



# CAMERAS

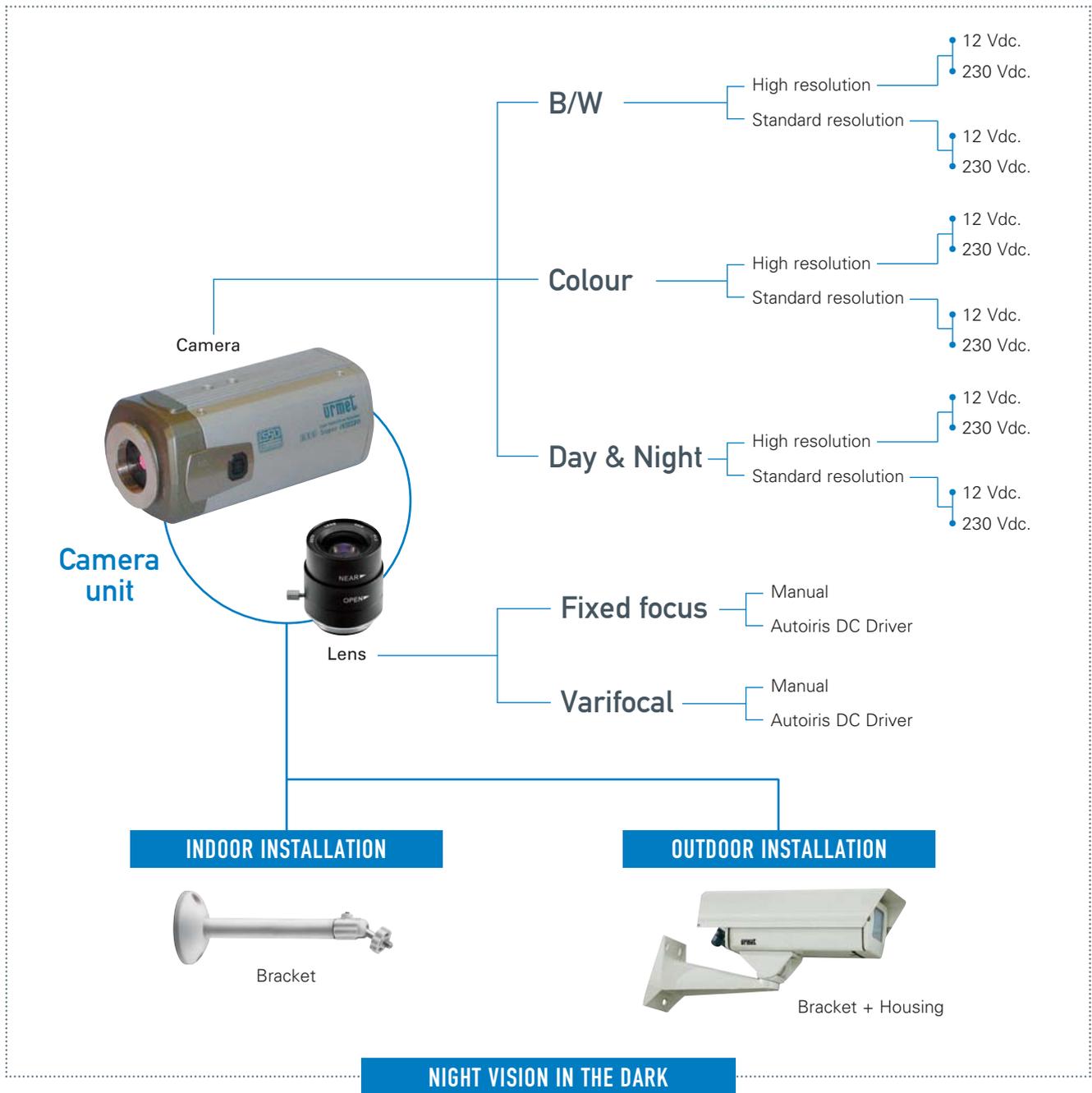


- B/W, colour, day & night cameras
- Lenses
- Accessories
- Housings
- Lights

The Urmet camera portfolio provides answers to the most stringent security needs.

The catalogue includes Day & Night cameras for indoor and outdoor installations with a variety of options: box cameras, mini cameras, mini dome cameras all with appropriate performance for their class.

The following pages introduce the Urmet range. Information is provided to installers for choosing the right product for their needs by referring to technical feature comparison tables.



### Camera composition diagram

Urmet cameras are made on the basis of stringent technical specifications to provide the best professional functions. The range of lenses allows a calibrated choice according to location areas and monitoring needs.

The housings are used to protect cameras installed outdoors ensuring optimal performance also in cold places or place exposed to direct sunlight.



# CAMERAS

## DAY & NIGHT CAMERAS

---

### 1092/119 **new** Day & Night camera, 420TVL, power 12Vdc-24Vac

Day & Night camera, 420 TVL, with backlight compensation circuit, gain control and autoshutter.

This camera is particularly indicated for all installations which require flexibility of use and cost-effectiveness.

- Sensor: CCD 1/3" Sony Super HAD
- Minimum sensitivity: 0.5 Lux
- Resolution: 420 TVL lines
- Power: 12Vdc ~24 Vac

Recommended power supply unit: 1092/801

Lens not included (see reference to page 165).

---

### 1092/120 **new** Day & Night camera, 420TVL, power 230V

Day & Night camera, 420 TVL, with backlight compensation circuit, gain control and autoshutter.

This camera is particularly indicated for all installations which require flexibility of use and cost-effectiveness.

- Sensor: CCD 1/3" Sony Super HAD
- Minimum sensitivity: 0.5 Lux
- Resolution: 420 TVL lines
- Power: 230 Vac

Lens not included (see reference to page 165).

---

### 1092/121 **new** Day & Night camera, 540TVL, power 12V-24Vac

Day & Night camera, 540 TVL, with backlight compensation circuit, gain control and autoshutter. This camera is particularly indicated for all installations which require flexibility of use and cost-effectiveness.

- Sensor: CCD 1/3" Sony Super HAD
- Minimum sensitivity: 0.5 Lux
- Resolution: 540 TVL lines
- Power: 12Vdc ~24 Vac

Recommended power supply unit: 1092/801

Lens not included (see reference to page 165).

---

### 1092/122 **new** Day & Night camera, 540TVL, power 230V

Day & Night camera, 540 TVL, with backlight compensation circuit, gain control and autoshutter.

This camera is particularly indicated for all installations which require flexibility of use and cost-effectiveness.

- Sensor: CCD 1/3" Sony Super HAD
- Minimum sensitivity: 0.5 Lux
- Resolution: 540 TVL lines
- Power: 230Vac

Lens not included (see reference to page 165).

---

### 1092/162 **new** Day & Night camera, 580TVL, with IR Cut Filter, DSS and DNR, 12V-24Vac power

High-resolution Day & Night camera with mechanical IR Cut filter. The professional features of this camera (including Digital Slow Shutter for filming in very low light conditions and DNR night noise reduction, in combination with 580TVL resolution) make this camera the ideal solution for all installation types. Functional camera parameters can be set using an on-screen display (OSD) menu. This feature places this camera in the professional camera segment.

- Sensor: CCD 1/3" Sony Super HAD
- Minimum sensitivity: 0.5 Lux (colour) / 0.01Lux (B/W) / 0.005 Lux (with sens-up On)
- Resolution: 580 TVL lines
- Mechanically removable IR filter
- Power: 12Vdc ~24 Vac

Recommended power supply unit: 1092/801

Lens not included (see reference to page 165).

---



1092/121



1092/122

## DAY & NIGHT CAMERAS

- 1092/163 new** Day & Night camera, 580TVL, with IR Cut Filter, DSS and DNR, 230V power  
 High-resolution Day & Night camera with mechanical IR filter. The professional features of this camera (including Digital Slow Shutter for filming in very low light conditions and DNR night noise reduction, in combination with 580TVL resolution) make this camera the ideal solution for all installation types. Functional camera parameters can be set using an on-screen display (OSD) menu. This feature places this camera in the professional camera segment.
- Sensor: CCD 1/3" Sony Super HAD
  - Minimum sensitivity: 0.5 Lux (colour) / 0.01Lux (B/W) / 0.005 Lux (with sens-up On)
  - Resolution: 580 TVL lines
  - Mechanically removable IR filter
  - Power: 230 Vac
- Lens not included (see reference to page 165).

## DAY & NIGHT CAMERA COMPARISON TABLE

	1092/119	1092/120	1092/121	1092/122	1092/162	1092/163
Sensor	CCD 1/3" Sony Super HAD					
Sensitive elem. (pixel)	512(H)x582(V)		752(H)x582(V)		795(H)x596 (V)	
Sensitivity (lux)	0,5Lux				0,5Lux colour; 0,01Lux B/W; 0,005Lux sens-up ON	
TVL horizontal resol.	420		540		580	
Scanning system	2:1 Interlaced PAL. V:50 Hz, H:15.625 kHz					
Signal/noise ratio (dB)	48dB				52dB	
Synchronisation	Internal					
Optical compatibility	DC Drive / Manual					
Autoshutter	1/50 ~ 1/100.000 sec (ON/OFF)					
White balancing (AWB)	AUTO				Programmable	
Backlight compensation (BLC)	ON/OFF				Programmable	
Gain control (AGC)	ON/OFF				Programmable	
Mechanical removable filter	NO				YES	
Digital noise reduction (DNR)	NO				YES	
Digital Slow Shutter (DSS)	NO				YES	
OSD menu (with Privacy and Motion)	NO				YES	
Power	12Vcc – 24Vca	230Vca	12Vcc – 24Vca	230Vca	12Vcc – 24Vca	230Vca
Consumption	100 mA	3W	100 mA	3W	100 mA	3W
Working temperature	0-50C°					
Dimensions (W x D x H) mm	66 x 125 x 58					
Weight (g)	320					



## DAY & NIGHT CAMERAS

-  **1090/110\*\*** Day & Night camera, with privacy and DSS functions, OSD menu, 230 Vac power
-  **1092/160\*\*** Day & Night 550 TVL camera with mechanical IR filter, DSS and SDNR function, 12Vdc power
-  **1092/161\*\*** Day & Night 550 TVL camera with mechanical IR filter, DSS and SDNR function, 230Vac power

## DAY & NIGHT CAMERA COMPARISON TABLE

	1090/110	1092/160	1092/161
Sensor	CCD 1/3" Sony Super HAD		
Sensitive elem. (pixel)	752 (H) x 582 (V)		
Sensitivity (lux)	0,1 – 0,001 (DSS in B/W mode)	0,3 (in colour mode); 0,1 – 0,008 (DSS in B/W mode)	
TVL horizontal resol.	480	550	
Scanning system	2:1 Interlaced PAL. V:50 Hz, H:15.625 kHz		
Signal/noise ratio (dB)	50dB		
Synchronisation	Internal		
Lens compatibility	DC Drive /Video Drive/ Manual	DC Drive /Manual	
Autoshutter	1/50 ~ 1/10.000 sec (ON/OFF)	1/50 ~ 1/100.000 sec (ON/OFF)	
White balancing (AWB)	ON/OFF		
Backlight compensation (BLC)	ON/OFF		
Gain control (AGC)	ON/OFF		
AFlickering control	ON/OFF		
Mechanical removable filter	●		
Digital noise reduction (DNR)	ON/OFF	AUTO (SDNR)	
Digital shutter (DSS)	ON/OFF		
OSD menu	●	-	
Smart backlight compensation (WDR)	ON/OFF (15 levels)	-	
Privacy zones	4	-	
Special functions	Freeze, Mirror, Sharpness, Neg/pos	Zoom elettronico X2	
Titling	●	-	
RS-485 port	●	-	
Power	90~240Vca	12Vcc (±10%)	100~240Vca
Consumption	6W	420mA	5W
Working temperature range	-10+50°C		
Dimensions (W x D x H) mm	124 x 62 x 57	124 x 64 x 57	
Weight (g)	430		

● Yes. NOTE: for power supply units, see page 199. \*\* Contact the sales network for availability.


**1090/141**

**1092/001A**

**1092/002A**

**1092/003**

**1092/004**

## BLACK AND WHITE CAMERAS

-  **1090/141\*\*** Standard-resolution B/W 13" camera, 12 Vdc
-  **1092/001A\*\*** Medium-resolution B/W camera, 12Vdc - 24Vac
-  **1092/002A\*\*** Medium-resolution B/W camera, 230Vac
-  **1092/003\*\*** High-resolution B/W camera, 12Vdc - 24Vac
-  **1092/004\*\*** High-resolution B/W camera, 230Vac

## BLACK AND WHITE CAMERA COMPARISON TABLE

	1090/141	1090/142	1092/001A	1092/002A	1092/003	1092/004
Sensor	CCD 1/3" LG				CCD 1/3" Sony	
Sensitive elements (pixel)	500 (H) x 582 (V)				752 (H) x 582 (V)	
Sensitivity (lux)	0,3/F1,4		0,3/F1,2		0,04/F1.2	
TVL horizontal resol.	380		420		570	
Scanning system	2:1 Interlaced CCIR. V:50 Hz, H:15.625 KHz					
Signal/noise ratio (dB)	48dB				46dB	
Synchronisation	Interna				12 Vcc Internal - 24 Vca Int./Line lock	Internal/ Line lock
Lens compatibility	DC Drive Video Drive/Manual					
Autoshutter	1/50 ~ 1/100.000 sec (ON/OFF)					
Backlight compensation (BLC)	ON/OFF					
Gain control (AGC)	ON/OFF					
Power	12Vcc (±10%)	230Vca	12Vcc (±10%) - 24Vca (±10%)	230Vca	12Vcc (±10%) - 24Vca (±10%)	230Vca
Consumption	120mA	3W	170mA (12Vcc) - 3W (24Vac)	3W	170mA (12Vcc) - 3W (24Vac)	3W
Working temperature	-10+50°C					
Dimensions (W x D x H) mm	123 x 52.8 x 50	137 x 52.8 x 50	121 x 62 x 60			
Weight (g)	240	350	500	500	510	510

\*\* Contact the sales network for availability. **NOTE:** for power supply units, see page 199.



## COLOUR CAMERAS

-  **1090/109A\*\*** High-resolution colour camera, varifocal lens included, 12Vdc power
-  **1090/244\*\*** Medium-resolution colour 1/3" CCD camera, 230Vac
-  **1092/101\*\*** High-resolution colour camera, 480 TVL lines, 12Vdc - 24Vac
-  **1092/102\*\*** High-resolution colour camera, 480 TVL lines, 230Vac
-  **1092/103\*\*** High-resolution colour camera, 540 TVL lines, 12Vdc - 24Vac
-  **1092/104\*\*** High-resolution colour camera, 540 TVL lines, 230Vac

## COLOUR CAMERA COMPARISON TABLE

	1090/109A	1090/244	1092/101	1092/102	1092/103	1092/104
Sensore	CCD 1/3" Sony Super HAD					
Sensitive elements (pixel)	752(H)x582(V)	500(H)x582(V)	752(H)x582(V)			
Sensitivity (lux)	0,3/F1,5	0.5/F1,2				
TVL horizontal resol.	550	380	480		540	
Scanning system	2:1 Interlaced PAL. V:50 Hz, H:15.625 KHz					
Signal/noise ratio (dB)	48dB					
Synchronisation	Internal		12 Vcc Int.- 24 Vca Int. Line lock	Internal/ Line lock	12 Vcc Int.- 24 Vca Int. Line lock	Internal/ Line lock
Lens compatibility	Varifocal f4-9 mm (including)	DC Drive, Video Drive/Manual				
Autoshutter	1/50 ~ 1/100.000 sec (ON/OFF)					
White balancing (AWB)	AUTO	ON/OFF				
Backlight compensation (BLC)	ON/OFF					
Gain control (AGC)	ON/OFF					
Flickering control	ON-OFF	-				
Power	12Vcc (±10%)	230Vca	12Vcc (±10%) - 24Vca (±10%)	230Vca	12Vcc (±10%) - 24Vca (±10%)	230Vca
Consumption	250mA	3W	290mA (12Vcc) - 5W (24Vac)	5W	290mA (12Vcc) - 5W (24Vac)	5W
Working temperature	-10+50°C					
Dimensions (W x D x H) mm	126.9 x 54 x 55	137 x 52.8 x 50	121 x 62 x 60			
Weight (g)	390	350	500	500	510	510

NOTE: for power supply units, see page 199. \*\* Contact the sales network for availability.



# LENSES



1090/505-537  
1090/538-539

## MANUAL LENSES

Code	Focal length (mm)	Pitch	Maximum opening	Horizontal view angle	Lens dimensions (mm)
1090/505**	8	Cs-mount	F1,2	32	33
1090/537	2,8	Cs-mount	F1,2 - C	81	39,5
1090/538**	4	Cs-mount	F1,2 - C	62	33
1090/539**	8	Cs-mount	F1,2 - C	33	33



1090/543-544  
1090/548-550

## MANUAL VARIFOCAL LENSES

Code	Focal length (mm)	Pitch	Maximum opening	Horizontal view angle	Lens dimensions (mm)
1090/543	3,5 - 8	Cs-mount	F1,2 - C	77 - 3,3	48
1090/544	2,8 - 12	Cs-mount	F1,4 - C	81 - 22	67
1090/548	2,8 - 6	Cs-mount	F1,4 - C	82 - 43	36,8
1090/550	5 - 100	Cs-mount	F1,6 - C	51 - 2,7	80



1090/540-541

## AUTOIRIS DC DRIVER LENSES

Code	Focal length (mm)	Pitch	Maximum opening	Horizontal view angle	Lens dimensions (mm)
1090/540	2,8	Cs-mount	F1,2 - 300	81	39,5
1090/541**	4	Cs-mount	F1,2 - 300	62	33

## AUTOIRIS VARIFOCAL DC DRIVER LENSES IDEAL FOR DAY & NIGHT CAMERA APPLICATIONS



1090/530

Code	Focal length (mm)	Pitch	Maximum opening	Horizontal view angle	Lens dimensions (mm)
1090/530	3,5 - 8	Cs-mount	F1 - 360	58 - 26	43,5
1090/552	2,8 - 12	Cs-mount	F1,4 - 300	81 - 22	68
1090/553	5 - 50	Cs-mount	F1,4 - 300	51 - 5	73,5

## AUTOIRIS VARIFOCAL DC DRIVER LENSES



1090/545-546-547  
1090/549-551

Code	Focal length (mm)	Pitch	Maximum opening	Horizontal view angle	Lens dimensions (mm)
1090/545	3,5 - 8	Cs-mount	F1,2 - 300	77 - 33	47
1090/546	2,8 - 12	Cs-mount	F1,4 - 300	81 - 28	65
1090/547	5 - 50	Cs-mount	F1,6 - 300	51 - 5	72
1090/549	2,8 - 6	Cs-mount	F1,4 - 300	82 - 43	36,8
1090/551	5 - 100	Cs-mount	F1,6 - 300	51 - 2,7	80

NOTE: Refer to the CCTV section in DomusDraw rel. 2.71 for calculating range.

\*\* Contact the sales network for availability.



# CASES



Adequate camera protection protects camera efficiency. For this reason, Urmet offers a range of rugged material (extruded and die-cast) cases, in addition to accessories such as sun visor, fan and heater for providing effective solutions in all environmental conditions.

All cases have an opening system which makes arranging the camera quick and easy.

## CASES

### 1092/830 **new** Outdoor case kit

- Side opening with slide integrated in case body
- Extruded aluminium material
- IP66
- External dimensions: 140 (W) x 120 (H) x 395 (D) mm
- Weight: 1760 g
- Heating kit: 230 Vac
- BRACKET INCLUDED



1092/830

## OUTDOOR CASES

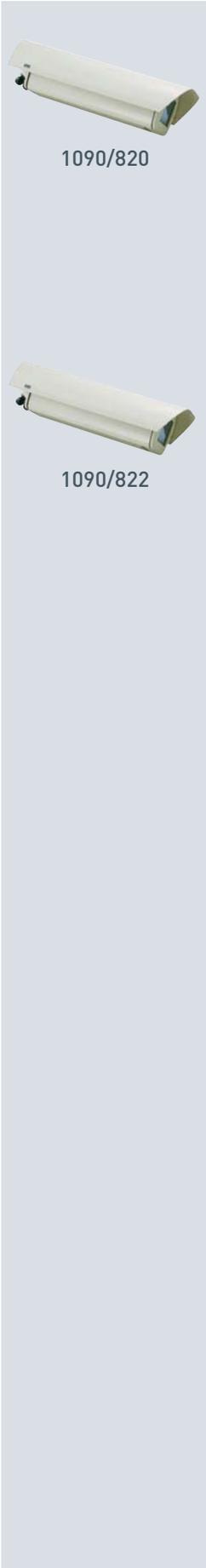
### 1090/810\*\* Sealed outdoor case

- For indoor and outdoor installations
- Extractable body on slide with fastener
- External dimensions: 89 (W) x 82 (H) x 214 (D) mm
- Internal dimensions: 62 (W) x 55 (H) x 160 (D) mm
- Weight: 0.8 kg
- Dimensions with hood: 93 (W) x 62 (H) x 225 (D) mm
- Heater dimensions: 62 (W) x 55 (H) x 65 (D) mm
- Heating kit: 12 Vdc
- BRACKET INCLUDED



1090/810

\*\* Contact the sales network for availability. • NOTE: for PTZ see page 196.



## OUTDOOR CASES

---

-  **1090/820\*\*** **Sealed outdoor case**
- External dimensions: 105 (W) x 95 (H) x 315 (D) mm
  - Internal dimensions: 70 (W) x 65 (H) x 260 (D) mm
  - Weight: 1.3 kg
  - Dimensions with hood: 113 (W) x 71 (H) x 370 (D) mm
  - Heater dimensions: 70 (W) x 65 (H) x 70 (D) mm
- 

- 1090/821** **Sealed outdoor case**
- External dimensions: 105 (W) x 95 (H) x 315 (D) mm
  - Internal dimensions: 70 (W) x 65 (H) x 300 (D) mm
  - Weight: 1.4 kg
  - Dimensions with hood: 113 (W) x 71 (H) x 410 (D) mm
  - Heater dimensions: 70 (W) x 65 (H) x 70 (D) mm
- 

-  **1090/822\*\*** **Sealed outdoor case**
- External dimensions: 144 (W) x 135 (H) x 350 (D) mm
  - Internal dimensions: 90 (W) x 85 (H) x 320 (D) mm
  - Weight: 2.2 kg
  - Dimensions with hood: 144 (W) x 90 (H) x 470 (D) mm
  - Heater dimensions: 90 (W) x 85 (H) x 70 (D) mm
- 

## COMMON FEATURES AND PERFORMANCE

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- Extruded aluminium
  - RAL9002 epoxy polyester paint
  - Extractable body on slide with fastener
  - Full range of accessories
  - Degree of protection: IP66
  - Heating kit: 230 Vac
  - BRACKET INCLUDED
- 

- 1090/809** **Outdoor housing kit**
- Extractable body on slide with fastener
  - Extruded aluminium material
  - External dimensions: 105 (W) x 95 (H) x 315 (D) mm
  - Internal dimensions: 70 (W) x 65 (H) x 300 (D) mm
  - Weight: 1.4 kg
  - Degree of protection: IP55
  - Heating kit: 230 Vac
  - BRACKET NOT INCLUDED
- 

## ACCESSORIES

---

- 1090/807** **Bracket for case 1090/809**
- External wire passage
  - Capacity: 15 kg
  - Weight: 0.5 kg
- 
- 1090/817** **Bracket for cases 1090/820/821/822**
- External wire passage
  - Capacity: 15 kg
  - 2 degrees of freedom
  - Weight: 0.5 kg
- 

\*\* Contact the sales network for availability. • NOTE: for PTZ see page 196.



# LIGHTS AND ACCESSORIES



1092/890

## LIGHTS

---

-  **1092/890** IR ceiling light, 48 IR LEDs
- 48 high-power infrared LEDs
  - 12Vdc - 950mA max.
  - 40 square metres of coverage
  - 160° beam
  - Internal dusk switch for switching on operation with light under 10 lux
  - Dimensions: 105 x 40 mm
- 



1092/891

-  **1092/891** IR light with hood, outdoor installation, 6 high-efficiency IR LEDs, 20 m 60 degrees
- 6 high-efficiency IR LEDs
  - 12Vdc - 550mA max.
  - Range: 20 metres
  - 60° beam
  - Internal dusk switch for switching on operation with light under 10 lux
  - Dimensions: 72 x 72 x 100 mm
  - IP66
- 



1092/892

-  **1092/892** IR light with hood, outdoor installation, 12 high-efficiency IR LEDs, 40 m 30 degrees
- 12 high-efficiency IR LEDs
  - 12Vdc - 700mA max.
  - Range: 40 metres
  - 30° beam
  - Internal dusk switch for switching on operation with light under 10 lux
  - Dimensions: 100 x 95 x 90 mm
  - IP66
- 



1092/893

-  **1092/893** IR light with hood, outdoor installation, 12 high-efficiency IR LEDs, 60 m 60 degrees
- 12 high-efficiency IR LEDs
  - 12Vdc - 1000mA max.
  - Range: 25 metres
  - 60° beam
  - Internal dusk switch for switching on operation with light under 10 lux
  - Dimensions: 100 x 95 x 90 mm
  - IP66
- 



1092/894

-  **1092/894** IR light with hood, outdoor installation, 18 high-efficiency IR LEDs, 100 m 15 degrees
- 18 high-efficiency IR LEDs
  - 12Vdc - 1000mA max.
  - Range: 100 metres
  - 15° beam
  - Internal dusk switch for switching on operation with light under 10 lux
  - Dimensions: 118 x 112 x 133 mm
  - IP66
-

## LIGHT COMPARISON TABLE

	1092/890	1092/891	1092/892	1092/893	1092/894
Number of IR LEDs	48	6 (high efficiency)	12 (high efficiency)	12 (high efficiency)	18 (high efficiency)
Max. range (camera with sensitivity equal to or higher than 0.3 Lux and F1.3 lens)	40 m <sup>2</sup>	20 m	40 m	25 m	100 m
Opening beam	160°	60°	30°	60°	15°
Dusk sensor	●	●	●	●	●
IP degree	-	IP66	IP66	IP66	IP66
Power	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc
Max. consumption	950mA	550mA	700mA	1000mA	1000mA
Recommended power supply (not included)	1092/801	1092/801	1092/801	1092/801	1092/801
Dimensions (mm)	105 x 40	72 x 72 x 100	100 x 95 x 90	100 x 95 x 90	118 x 112 x 133
Bracket	-	included	included	included	included

● Yes.



# MINI CAMERAS



Small and compact: the Urmet micro cameras are ideal for locations in which discreet presence of the camera is needed and with a medium-to-short filming range.

These devices implement a technology ensuring a high degree of reliability despite their small size. The promise has other solutions: the new **Smart-line** and **Pro-line** mini cameras offer better resolution and the convenience of being able to create made-to-measure configurations, for top-notch cost-effectiveness and excellent functions.

## BLACK AND WHITE MICRO CAMERAS



1090/185

-  **1090/185** B/W micro camera, lens included, 12 Vdc
- Sensor: CCD 1/3"
  - Resolution: 420 TVL lines
  - Minimum light: 0.05 Lux /F 2
  - Lens: PINHOLE 3.7 mm F=2 opening 90°
  - Power: 12 Vdc  $\pm$  10%
- Recommended power supply unit: 1092/800 or 1090/850 (see page 199)



1090/189

-  **1090/189** Compact B/W micro camera, lens included, 12 Vdc.
- Sensor: 1/3" CCD
  - Resolution: 420 TVL lines (Horizontal)
  - Minimum light: 0.1 LUX /F =2
  - PINHOLE 3.7 mm lens
  - Power: 12 Vdc  $\pm$  10%
- Recommended power supply unit: 1092/800 or 1090/850 (see page 199)

## COLOUR MICRO CAMERA



1090/188

-  **1090/188** Compact colour micro camera, lens included, 12 Vdc.
- Sensor: 1/3" CCD
  - Minimum luminosity: 2 Lux (F=2.0)
  - Resolution: 380 TVL lines
  - Lens: 3.6 mm/F2
  - Power: 12 Vdc  $\pm$  10%
- Recommended power supply unit: 1092/800 or 1090/850 (see page 199)

**BLACK AND WHITE/COLOUR MICRO CAMERA COMPARISON TABLE**

	1090/185	1090/189	1090/188
CCD size	1/3"	1/3"	1/3"
Resolution	420	420	380
Camera type	B/W	B/W	Colour
Sensitivity (lux)	0.05 / F2	0.1 / F2	2 / F2
IR LEDS (n.)	-	-	-
IR LED coverage (m)	-	-	-
IR Cut filter	-	-	-
AWB	-	-	AUTO
AGC	AUTO	AUTO	AUTO
BLC	AUTO	AUTO	AUTO
Lens type	3.7 mm pinhole	3.7 mm pinhole	3.6 mm / F2
IP degree of protection	-	-	-
Power	12Vcc	12Vcc	12Vcc
Consumption (mA)	110	110	200
Dimensions (mm)	Ø 19 x 37 (W)	20 (W) x 20 (H) x 10 (D)	Ø 23 x 65 (W)
Weight (g)	55	50	55



1092/128



1092/201



1092/201H



1092/202



1092/202H

## FIXED LENS DAY & NIGHT MINI CAMERAS

-  **1092/128 new** Day & Night mini camera, 1/4" 3.6 mm with LED IR Power 12 Vdc  
Day & Night mini camera with 420 line resolution, 3.6 mm fixed integrated lens and infrared LED for night vision.
- Sensor: CCD 1/4"
  - Resolution: 420 TVL
  - Number of LEDs: 12
  - IR light range: 8 m
  - Lens: 3.6 mm/F2
  - Degree of protection: IP65
  - Power: 12 Vdc
  - Recommended power supply unit: 1092/800 or 1092/801

-  **1092/201** Day & Night mini camera, 1/3" 4 mm with LED IR  
Day & Night mini camera with standard resolution, 4 mm fixed integrated lens and infrared LED for night vision.
- Sensor: CCD 1/3"
  - Resolution: 420 TVL lines
  - Number of LEDs: 12
  - Lens: 4 mm/F2
  - Degree of protection: IP67
  - Power: 12 Vdc
  - Recommended power supply unit: 1092/800 or 1092/801 (see page 199)

-  **1092/201H new** Day & Night mini camera, 1/3" 4 mm with LED IR- IR Cut filter  
Day & Night mini camera with high-level features capable of combining competitive costs and high performance, such as an IR-cut mechanical filter, 480 lines, 4 mm integrated fixed lens and infrared LED for night vision.
- Sensor: CCD 1/3"
  - Resolution: 480 TVL lines
  - IR Cut filter
  - Number of LEDs: 12
  - IR light range: 12 m
  - Lens: 4 mm/F2
  - Degree of protection: IP67
  - Power: 12 Vdc
  - Recommended power supply unit: 1092/800 or 1092/801

-  **1092/202** Day & Night mini camera, 1/3" 8 mm with LED IR  
Day & Night mini camera with standard resolution, 8 mm fixed integrated lens and infrared LED for night vision.
- Sensor: CCD 1/3"
  - Resolution: 420 TVL lines
  - Number of LEDs: 24
  - Lens: 8 mm/F2
  - Degree of protection: IP67
  - Power: 12 Vdc
  - Recommended power supply unit: 1092/800 or 1092/801 (see page 199)

-  **1092/202H new** Day & Night mini camera, 1/3" 8 mm with LED IR- IR Cut filter  
Day & Night mini camera with high-level features capable of combining competitive costs and high performance, such as an IR-cut mechanical filter, 480 lines, 8 mm integrated fixed lens and infrared LED for night vision.
- Sensor: CCD 1/3"
  - Resolution: 480 TVL lines
  - IR Cut filter
  - Number of LEDs: 24
  - IR light range: 15 m
  - Lens: 8 mm/F2
  - Degree of protection: IP67
  - Power: 12 Vdc
  - Recommended power supply unit: 1092/800 or 1092/801



1092/204



1092/205

## VARIFOCAL LENS DAY & NIGHT MINI CAMERAS

-  **1092/204 new** Day & Night mini camera, 1/3" 4-9 mm with LED IR. Power 12 Vdc  
Day & Night mini camera suitable for any installation, 420 TVL, varifocal 4-9 mm lens, with infrared LED for night vision.
- Sensor: CCD 1/3" Sony
  - Resolution: 420 TVL lines
  - Number of LEDs: 42
  - IR light range: 30 m
  - Lens: Varifocal 4-9 mm/F2
  - Degree of protection: IP66
  - Power: 12 Vdc
- Recommended power supply unit: 1092/801

-  **1092/205 new** Day & Night mini camera, 1/3" 4-9 mm with LED IR and IR Cut filter. Power 12 Vdc  
Day & Night mini camera with high-level features capable of combining competitive costs and high performance, such as an IR-cut mechanical filter, 480 TVL, varifocal 4-9mm lens and infrared LED for night vision.
- Sensor: CCD 1/3" Sony
  - Resolution: 480 TVL lines
  - IR Cut filter
  - Number of LEDs: 42
  - IR light range: 30 m
  - Lens: Varifocal 4-9 mm/F2
  - Degree of protection: IP66
  - Power: 12 Vdc
- Recommended power supply unit: 1092/801

## SMART LINE 540 TVL

### Day & Night mini camera with varifocal lens **new**

Continuous research, technological progress and the constant dedication of Urmet Domus aimed at creating increasingly more competitive products have created **SMART-LINE**, a range of cameras offering high performance and low cost. The quality features of this family of cameras – all characterised by 540TVL video resolution and varifocal lenses for wide framing ranges – put this camera at the top of the Urmet Domus range.



1092/207

-  **1092/207 new** Day & Night mini camera, 1/3" 3,5-16 mm with LED IR. Power 12 Vdc  
**SMART-LINE**  
Very high performance Day & Night mini camera, simple to use, 540 TVL, varifocal 3.5-16 mm lens, with infrared LED for night vision.
- 1/3" super HAD CCD Sensor
  - 3.5-16mm lens
  - 540 line horizontal resolution
  - Number of LEDs: 36
  - LED range/coverage angle 45m/60°
  - Degree of protection: IP66
  - Power: 12Vdc
  - Consumption: 550mA
  - Dimensions: 89 x 145 mm
  - Bracket included
- Recommended power supply unit: 1092/801.



1092/208

## SMART LINE 540 TVL DAY & NIGHT MINI CAMERA WITH VARIFOCAL LENS

 **1092/208 new** Day & Night mini camera, 1/3" 2.8-11 mm with LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **SMART-LINE**

Very high performance Day & Night mini camera, simple to use, with mechanical IR-cut filter, 540 TVL resolution, varifocal 2.8-11mm lens, OSD menu, Privacy Zones, Motion Detector, DSS (Digital Slow Shutter) and DNR (Dynamic Noise Reduction) functions, with infrared LED for night vision.

- 1/3" super HAD CCD Sensor
- 2.8-11 mm lens
- 540 line horizontal resolution
- IR Cut Filter
- AWB, AGC and BLC programmable using OSD menu
- Number of LEDs: 36;
- LED range/coverage angle: 40m/60°
- 4 Privacy Zones
- Motion detector
- Degree of protection: IP66
- Power: 12Vdc
- Consumption: 400mA;
- Dimensions: 80 x 183 mm
- Bracket included

Recommended power supply unit: 1092/801

**1092/210 new** Day & Night mini camera, 1/3" 9-22mm with LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **SMART-LINE**

Very high performance Day & Night mini camera, simple to use, IR-cut mechanical filter, 540 TVL, varifocal 9-22mm lens, OSD menu with Privacy and Motion functions, and night vision infrared LED.

- 1/3" super HAD CCD Sensor
- 9-22 mm lens
- 540 line horizontal resolution
- IR Cut Filter
- Number of LEDs: 36
- LED range/coverage angle 45m/60°
- 4 Privacy Zones
- Motion detector
- Degree of protection: IP66
- Power: 12Vdc
- Consumption: 400mA
- Dimensions: 103 x 207 mm
- Bracket included

Recommended power supply unit: 1092/801

## Day & Night mini cameras **new** PRO-LINE 580 TVL varifocal lens **PL**

In all critical lighting conditions and when each available parameter needs to be fine-tuned to obtain the best results, users today can choose **PRO-LINE**, the range of professional mini cameras and mini dome cameras with varifocal lens designed by Urmet Domus. The technological features offer excellent performance. For example, features include 580TVL video resolution, high sensitivity for filming in dark conditions, motion detection, possibility of defining privacy areas and digital zoom. DRC (Dynamic Range Compensation) functions for filming in critical lighting conditions, gain control, white balance, dynamic noise reduction and DSS (Digital Slow Shutter) are only some of the parameters that can be controlled using the handy OSD menu.



1092/206

### **1092/206 new** Day & Night mini camera, 1/3" 4-9 mm with LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **PRO-LINE**

Professional Day & Night mini camera with high performance, such as: mechanical IR-cut filter, 580 TVL resolution, varifocal 4-9 mm lens, OSD menu, Privacy Zones, Motion Detector, DSS (Digital Slow Shutter) and DNR (Dynamic Noise Reduction) functions. With night vision infrared LED.

- 1/3" super HAD CCD Sensor
- 4-9 mm lens
- 580 line horizontal resolution
- IR Cut Filter
- Back Light Compensation: OFF/ON/DRC (Dynamic range control)
- Number of LEDs: 36
- LED range/coverage angle: 40m/60°
- Digital Slow Shutter (DSS)
- DNR (Dynamic Noise Reduction)
- 8 Privacy Zones
- Motion Detector 16 x 12
- Digital Zoom x 256
- Degree of protection: IP66
- Power: 12Vdc
- Consumption: 600mA
- Dimensions: 102 x 195 mm
- Bracket included

Recommended power unit: 1092/801.



1092/209

### **1092/209 new** Day & Night mini camera, 1/3" 3.5-16 mm with LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **PRO-LINE**

Professional Day & Night mini camera with high performance, such as: mechanical IR-cut filter, 580 TVL resolution, varifocal 3.5-16 mm lens, OSD menu, Privacy Zones, Motion Detector, DSS (Digital Slow Shutter) and DNR (Dynamic Noise Reduction) functions. With night vision infrared LED.

- 1/3" super HAD CCD Sensor
- 3.5-16 mm lens
- 580 line horizontal resolution
- IR Cut Filter
- Back Light Compensation: OFF/ON/DRC (Dynamic range control)
- Number of LEDs: 36
- LED range/coverage angle: 45m/60°
- Digital Slow Shutter (DSS)
- DNR (Dynamic Noise Reduction)
- 8 Privacy Zones
- Motion Detector 16 x 12
- Digital Zoom x 256
- Mirror/Flip
- Degree of protection: IP66
- Power: 12Vdc
- Consumption: 600mA
- Dimensions: 102 x 195 mm
- Bracket included

Recommended power unit: 1092/801.



1092/211

## DAY & NIGHT MINI CAMERAS PRO-LINE 580 TVL VARIFOCAL LENS PL

- 1092/211 new** Day & Night mini camera, 1/3" 6-20 mm with LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **PRO-LINE**
- Professional Day & Night mini camera with high performance, such as: mechanical IR-cut filter, 580 TVL resolution, varifocal 6-50 mm lens, OSD menu, Privacy Zones, Motion Detector, DSS (Digital Slow Shutter) and DNR (Dynamic Noise Reduction) functions, and night vision infrared LED.
- 1/3" super HAD CCD Sensor
  - 6-50mm lens
  - 580 line horizontal resolution
  - IR Cut Filter
  - Back Light Compensation: OFF/ON/DRC (Dynamic range control)
  - Number of LEDs: 16 very high efficiency
  - LED range/coverage angle: 50m/45°
  - Digital Slow Shutter (DSS)
  - DNR (Dynamic Noise Reduction)
  - 8 Privacy Zones
  - Motion Detector 16 x 12
  - Digital Zoom x 256
  - Mirror/Flip
  - Degree of protection: IP66
  - Power: 12Vdc
  - Consumption: 650mA
  - Dimensions: 102 x 195 mm
  - Bracket included
- Recommended power supply unit: 1092/801.

- 1092/212 new** Day & Night mini camera, 1/3" 6-50 mm with long-range LED IR, IR Cut Filter and OSD menu. Power 12 Vdc **PRO-LINE**
- Professional Day & Night mini camera with high performance, such as: mechanical IR-cut filter, 580 TVL resolution, varifocal 6-50 mm lens, OSD menu, Privacy Zones, Motion Detector, DSS (Digital Slow Shutter) and DNR (Dynamic Noise Reduction) function, and long-range night vision infrared LED.
- 1/3" super HAD CCD Sensor
  - 6-50 mm lens
  - 580 line horizontal resolution
  - IR Cut Filter
  - Back Light Compensation: OFF/ON/DRC (Dynamic range control)
  - Number of LEDs: 48
  - LED range/coverage angle: 80m/45°
  - Digital Slow Shutter (DSS)
  - DNR (Dynamic Noise Reduction)
  - 8 Privacy Zones
  - Motion Detector 16 x 12
  - Digital Zoom x 256
  - Mirror/Flip
  - Degree of protection: IP66
  - Power: 12Vdc
  - Consumption: 650mA
  - Dimensions: 275 x 195 mm
  - Bracket included
- Recommended power supply unit: 1092/801.

NOTE: See Day & Night varifocal mini camera comparison table on page 178.



1092/200

## DAY & NIGHT MINI CAMERAS

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-  **1092/200\*\*** Day & Night high-performance mini camera with IR and hood
- Sensor: CCD 1/3" Sony
  - Resolution: 550 TVL lines
  - IR cut-off filter
  - Number of IR LEDs: 18
  - Sensitivity: Day (0.3 Lux); Night (0 Lux with IR LED on)
  - Lens: varifocal 3.8 - 9.5 mm F1.2 Aspherical Autoiris
  - Degree of protection: IP65
  - Power: 12 Vdc
- Recommended power supply unit: 1092/801 (see page 199).
- 

## ACCESSORIES

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- 1090/190** Microphone for audio applications
- Microphone for audio applications, suitable and compatible with micro cameras in the range. Connectors: JACK power IN, JACK power OUT, RCA audio signal.  
Power: 12 Vdc  $\pm$ 10%
- 

\*\* Contact the sales network for availability.

## MINI CAMERA COMPARISON TABLE

	1092/128	1092/201	1092/201H	1092/202	1092/202H	1092/204	1092/205
CCD size	1/4"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Resolution	420TVL	420	480TVL	420	480TVL	420TVL	480TVL
Camera type	D&N	D&N	D&N	D&N	D&N	D&N	D&N
Sensitivity (LUX)	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON
IR LEDES (n.)	12	12	12	24	24	42	42
Coverage/angle LED IR	8m	18m	12m	15m	15m	30m/45°-60°	30m/45°-60°
IR Cut filter	NO	-	YES	-	YES	NO	YES
AWB	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
AGC	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
BLC	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
DSS (Digital Slow Shutter)	NO	NO	NO	NO	NO	NO	NO
DNR (Dynamic Noise Reduction)	NO	NO	NO	NO	NO	NO	NO
Lens type (mm)	3,6	4	4	8	8	4-9	4-9
Autoiris	Manual	Manual	Manual	Manual	Manual	Manual	Manual
OSD	NO	NO	NO	NO	NO	NO	NO
Special functions	NO	NO	NO	NO	NO	NO	NO
IP degree	IP65	IP67	IP67	IP67	IP67	IP66	IP66
Power	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc
Consumption	180mA	280mA	280mA	380mA	350mA	470mA	495mA
Dim. Ø x (W) mm	50 x 60	70 x 90	70 x 90	80 x 110	80 x 100	83 x 140	83 x 140
Weight (without bracket) (g)	130	180	200	240	280	400	400

**MINI CAMERA COMPARISON TABLE**

	1092/206 <b>PL</b>	1092/207 <b>SL</b>	1092/208 <b>SL</b>	1092/209 <b>PL</b>	1092/210 <b>SL</b>	1092/211 <b>PL</b>	1092/212 <b>PL</b>
CCD size	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Resolution	580TVL	540TVL	540TVL	580TVL	540TVL	580TVL	580TVL
Camera type	D&N	D&N	D&N	D&N	D&N	D&N	D&N
Sensitivity (LUX)	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON	0 IR ON
IR LEDS (n.)	36	36	36	36	36	16	48
Coverage/angle LED IR	40m/60°	45m/45°-60°	40m/60°	45m/45°-60°	45m/60°	50m/10° -45°	80m/45°
IR Cut filter	YES	NO	YES	YES	YES	YES	YES
AWB	Adjustable	AUTO	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
AGC	Adjustable	AUTO	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable
BLC	BLC/DRC	AUTO	ON/OFF	BLC/DRC	ON/OFF	BLC/DRC	BLC/DRC
DSS (Digital Slow Shutter)	YES	NO	NO	YES	NO	YES	YES
DNR (Dynamic Noise Reduction)	YES	NO	NO	YES	NO	YES	YES
Lens type (mm)	4-9	3,5-16	2,8-11	3,5-16	9-22	6-50	6-50
Autoiris	DC	DC	Manual	DC	Manual	DC	DC
OSD	YES	NO	YES	YES	YES	YES	YES
Special functions	High sensitivity Motion Detection Privacy Digital Zoom Eclipse Mirror - Titles	NO	Privacy Motion Detection Mirror Titles	High sensitivity Motion Detection Privacy Digital Zoom Eclipse Mirror - Titles	Privacy Motion Detection Mirror Titles	High sensitivity Motion Detection Privacy Digital Zoom Eclipse Mirror - Titles	High sensitivity Motion Detection Privacy Digital Zoom Eclipse Mirror - Titles
IP degree	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Power	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc
Consumption	600mA	550mA	400mA	600mA	400mA	650mA	650mA
Dim. Ø x (W) mm	102 x 195	89 x 145	80 x 183	102 x 195	103 x 207	102 x 195	275 x 195
Weight (without bracket) (g)	1000	800	1000	1000	1000	1500	1500



# BALL CAMERAS AND MINI DOME CAMERAS



360° security: technology and design are combined in the smallest dimensions to guarantee maximum discretion. The Urmet portfolio includes new vandal-proof ball cameras with a wide range of mini dome models, including the new **SMART-LINE** and **PRO LINE** versions, for configuring all basic systems according to specific installation and performance needs. All models are provided with a high coverage angle and protection systems which make access difficult to protect from tampering.



1092/140



1092/141

## BALL CAMERAS **new**

- 
-  **1092/140 new** Day & Night ball camera with 24 IR-LED, CCD Sony, 4 mm lens  
New mini dome version vandal-proof camera with IR LED and average 540 line resolution. The camera is provided with fixed 4 mm lens and auto-shutter circuit for adjusting exposure in environmental conditions subject to light variations. The night vision IR LEDs are turned on by a CDS sensor which detects poor light conditions. The camera does not need particular adjustments.  
No commands need to be programmed and therefore this is the ideal solution for quick, easy installation.
- Sensor: CCD 1/3" Sony Super HAD
  - Resolution: 540 TVL lines
  - Sensitivity: Day 0.1 lux / Night 0 lux (with IR ON)
  - 24 IR LEDs
  - Lens: 4 mm/F1.2
  - Power: 12 Vdc  $\pm$  10%
- Recommended power supply unit: 1092/801 (see page 199).
- 
-  **1092/141 new** Day & Night ball camera with 24 IR-LED, CCD Sony, 6 mm lens  
New mini dome version vandal-proof camera with IR LED and average 540 line resolution. The camera is provided with fixed 6 mm lens and auto-shutter circuit for adjusting exposure in environmental conditions subject to light variations. The night vision IR LEDs are turned on by a CDS sensor which detects poor light conditions. The camera does not need particular adjustments.  
No commands need to be programmed and therefore this is the ideal solution for quick, easy installation.
- Sensor: CCD 1/3" Sony Super HAD
  - Resolution: 540 TVL lines
  - Sensitivity: Day 0.1 lux / Night 0 lux (with IR ON)
  - 24 IR LEDs
  - Lens: 6 mm/F1.2
  - Power: 12 Vdc  $\pm$  10%
- Recommended power supply unit: 1092/801 (see page 199).
-


**1092/142**
**BALL CAMERAS**

 **1092/142 new** Day & Night ball camera with 36 IR-LED, CCD Sony, varifocal 4-9 mm lens  
 New mini dome version vandal-proof camera with IR LED and average 540 line resolution. The camera is provided with varifocal 6-9 mm lens and auto-shutter circuit for adjusting exposure in environmental conditions subject to light variations. The night vision IR LEDs are turned on by a CDS sensor which detects poor light conditions.

- Sensor: CCD 1/3" Sony Super HAD
- Resolution: 540 TVL lines
- Sensitivity: Day 0.1 lux / Night 0 lux (with IR ON)
- 36 IR LEDs
- Lens: 4~9 mm F1.2
- Power: 12 Vdc  $\pm$  10%

Recommended power supply unit: 1092/801 (see page 199).

**BALL CAMERA COMPARISON TABLE**

	1092/140	1092/141	1092/142
Type	Ball camera	Ball camera	Ball camera
CCD size	1/3"	1/3"	1/3"
Resolution	540TVL	540TVL	540TVL
Camera type	D&N	D&N	D&N
Sensitivity (Lux)	0,1Lux 0Lux IR ON	0,1Lux 0Lux IR ON	0,1Lux 0Lux IR ON
IR LEDS (n.)	24	24	36
IR LED coverage (m)	20	20	20
AWB	AUTO	AUTO	AUTO
AGC	AUTO	AUTO	AUTO
BLC	AUTO	AUTO	AUTO
Lens type (mm)	4	6	4-9
IP degree of protection	IP65	IP65	IP65
N. of axes	2	2	2
Power	12Vcc	12Vcc	12Vcc
Consumption (mA)	850 mA	850 mA	400 mA
Dimensions (D x H) mm	94 x 83	94 x 83	119 x 84
Weight (g)	700	700	740



1092/129



1092/143



1092/144

## DAY & NIGHT MINI DOME CAMERA **new**

-  **1092/129 new** Day & Night mini dome camera, 1/4" 3.6 mm with LED IR Power 12 Vdc  
Day & Night mini dome camera with 420 line resolution, 3.6 mm fixed integrated lens and night vision infrared LED.
- Sensor: CCD 1/4"
  - Sensitive elements: 500 (H) x 582 (V) pixels
  - Signal/noise ratio: >48 dB
  - Resolution: 420 TVL
  - Number of LEDs: 12
  - Lens: 3.6 mm/F2
  - IR range: 8 m
  - Synchronisation: internal
  - Power: 12 Vdc
  - Connectors: BNC video signal - power jack
  - Consumption: 80 mA IR off; 160 mA IR on
  - Weight: 130 g
  - Dimensions: 70 x 50 mm

-  **1092/143 new** D&N mini dome camera, vandal-proof with 30 IR-LED, CCD Sony, varifocal 4-9 mm lens, **SMART-LINE** series  
SMART-LINE family high performance vandal-proof mini dome camera. Fitted on support adjustable on three axes, characterised by an average resolution of 540 lines. The camera is provided with varifocal 4-9 mm lens and auto-shutter circuit for adjusting exposure in environmental conditions subject to light variations. Using the CDS, the camera switches to night mode and turns on the infrared LEDs.
- Sensor: Sony Interline CCD 1/3"
  - Resolution: 540 TVL lines
  - 30 IR LEDs
  - Sensitivity: 0.15 lux / 0 lux (with IR ON)
  - Lens: varifocal 4-9 mm F1.2 with IR CUT filter
  - Power: 12 Vdc
- Recommended power supply unit: 1092/801 (see page 199).

-  **1092/144 new** D&N mini dome camera, vandal-proof with 30 IR-LED, CCD Sony, varifocal 2.8-11 mm lens, **PRO-LINE** series  
Professional PRO-LINE family vandal-proof mini dome camera. The performance features of the camera include 580TVL, varifocal 2.8~11mm lens with freedom of movement on three axes put this vandal-proof mini dome camera at the top of the Urmet Domus range. The wide range of OSD menu settings make this camera perfect for all critical lighting conditions. Using the CDS, the camera switches to night mode and turns on the infrared LEDs.
- Sensor: Sony Interline CCD 1/3"
  - Resolution: 580 TVL lines
  - 30 IR LEDs
  - Sensitivity: 0.15 lux / 0 lux (with IR ON)
  - Lens: varifocal 2.8-11 mm F1.2 with IR CUT filter
  - Programmable privacy areas and motion detection
  - DSS and DNR
  - OSD menu
  - Power: 12 Vdc
- Recommended power supply unit: 1092/801 (see page 199).

## ACCESSORIES

- 1092/145 new** Wall bracket for mini dome 1092/143 and 1092/144

## DAY & NIGHT MINI DOME COMPARISON TABLE

	1092/129	1092/143 <b>SL</b>	1092/144 <b>PL</b>
Type	Minidome	Minidome	Minidome
CCD size	1/4"	1/3"	1/3"
Resolution	420TVL	540TVL	580TVL
Camera type	D&N	D&N	D&N
Sensitivity (Lux)	0,5Lux 0Lux IR ON	0,15Lux 0Lux IR ON	0,15Lux 0Lux IR ON
IR LEDS (n.)	12	30	30
IR LED coverage (m)	8	25	25
OSD	-	-	•
AWB	AUTO	AUTO	Adjustable with OSD menu
AGC	AUTO	AUTO	Adjustable with OSD menu
BLC	AUTO	AUTO	BLC/DRC
Lens type (mm)	3,6	4-9	2,8-11
IP degree of protection	IP65	IP65	IP65
N. of axes	2	3	3
Power	12Vcc	12Vcc	12Vcc
Consumption (mA)	160 mA	400 mA	360 mA
Dimensions (D x H) mm	70 x 50	150 x 97	150 x 97
Peso (g)	130	630	1050
Weight	-	-	Privacy, Motion Detection, High sensitivity, Eclipse, Mirror, Titles
Accessories	-	Wall bracket	Wall bracket

## MINI DOME CAMERAS



1092/127

- 1092/127\*\*** High-definition colour mini dome camera with integrated fixed lens
- Sensor: 1/3" CCD
  - Resolution: 480 TVL lines
  - Sensitivity: 0.3 Lux / F2
  - Lens: 3.8 mm F=2
  - Power: 12 Vdc ± 10%
- Recommended power supply unit: 1092/800 or 1092/801 (see page 199).



1090/129

- 1090/129\*\*** Colour mini dome camera, CCD SONY, varifocal lens included
- Sensor: 1/3" CCD
  - Resolution: 480 lines TV
  - Sensitivity: 0.3 Lux / F2
  - Lens: varifocal 4-9 mm
  - Power: 12 Vdc ± 10%
- Recommended power supply unit: 1092/800 or 1090/850 (see page 199).

\*\* Contact the sales network for availability.



1092/130

1092/131

1092/135

1092/132

1092/133

## DAY & NIGHT COLOUR VANDAL-PROOF MINI DOME CAMERA

-  **1092/130\*\*** Colour vandal-proof mini dome camera, CCD SONY, varifocal lens included
- Sensor: CCD 1/3"
  - Resolution: 540 TVL lines
  - Sensitivity: 0.3 Lux / F2
  - Lens: varifocal 4-9 mm
  - Power: 12 Vdc
- Recommended power supply unit: 1092/800 or 1090/850 (see page 199).

-  **1092/131\*\*** B&N vandal-proof mini dome camera with IR-LED, CCD SONY, varifocal lens included
- Sensor: CCD 1/3" Sony Super HAD
  - Resolution: 540 TVL lines
  - 20 IR LEDs
  - Sensitivity: 0.3 lux (colour)/ 0.1lux B/N, 0.0008 lux (DSS on) / F2
  - Lens: varifocal 3.8 - 9.5 mm F1.2 Aspherical Autoiris con IR cut-out filter
  - Power: 12 Vdc
- Recommended power supply unit: 1092/801 (see page 199).

## ACCESSORIES

-  **1092/135\*\*** Tamperproof bracket with fairlead for mini dome 1092/130 and 1092/131

## VANDAL-PROOF MINI DOME

-  **1092/132\*\*** B&N vandal-proof mini dome camera with 35 IR-LED, CCD SONY, 6 mm lens
- Sensor: CCD 1/3" Sony Super HAD
  - Resolution: 530 TVL lines
  - Sensitivity: 0 lux IR on
  - 35 IR LEDs
  - Lens: 6 mm/F1.2
  - Power: 12 Vdc
- Recommended power supply unit: 1092/801 (see page 199).

-  **1092/133\*\*** Vandal-proof D&N mini dome with 24 IR LEDs, SONY CCD, 3.5 mm lens, 12 Vdc power
- Sensor: CCD 1/3" Sony Super HAD
  - Resolution: 530 TVL lines
  - Sensitivity: 0 lux IR on
  - 24 IR LEDs
  - Lens: 3.5 mm/F1.2
  - Power: 12 Vdc  $\pm$  10%
- Recommended power supply unit: 1092/801 (see page 199).

\*\* Contact the sales network for availability.

## MINI DOME COMPARISON TABLE

	1092/127	1090/129	1092/130	1092/131	1092/132	1092/133
CCD size	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Resolution	480	480	540	540	530	530
Camera type	Colour	Colour	Colour	D&N	D&N	D&N
Sensitivity (Lux)	0.3/F2	0.3/F2	0.3/F2	0.3 Col 0.1 B/W/ 0 IR ON /F2	0.3 Col 0.1 B/W/ 0 IR ON /F2	0.3 Col 0.1 B/W/ 0 IR ON /F2
IR LEDES (n.)	No	No	No	20	35	24
IR LED cov. (m)	-	-	-	10	25	12
IR Cut filter	-	-	-	●	No	No
AWB	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
AGC	AUTO	AUTO	AUTO	AUTO	AUTO	AUTO
BLC	AUTO	ON/OFF	ON/OFF	ON/OFF	ON/OFF	ON/OFF
Lens type	3.8 mm / F2	Var 4-9 mm / F2	Var 4-9 mm / F2	Var 3.8-9.5 mm / F2	6 mm / F1.2	3.5 mm / F1.2
IP degree of protection	-	-	65	65	65	65
N. of axes	3	2	3	3	3	3
Power	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc	12Vcc
Consumption (mA)	160 mA	150 mA	150 mA	700 mA	700 mA	700 mA
Dimensions (W x H) mm	90 x 63.7	140 x 100	142 x 100	142 x 100	124 x 94	94 x 64
Weight (g)	120	270	800	950	810	450
Notes	-	-	-	SDNR	-	-

## TAMPERPROOF COLOUR CAMERAS



1092/134

- 📷 **1092/134\*\*** Tamperproof colour mini camera 480TVL for corner installation  
 Vandal-proof colour mini camera suitable for fitting in corners with fixed 3.8 mm lens.
- Sensor: SONY Super HAD 1/3" CCD
  - Resolution: 480 TVL lines
  - Sensitivity: 0.3 lux
  - Lens: fixed, 3.8 mm
  - Power: 12 Vdc ± 10%
- Recommended power supply unit: 1092/800 or 1092/801 (see page 199)

\*\* Contact the sales network for availability. ● Yes.



# THERA MINI SPEED DOMES



- Cost-effective providing top level performance
- Remote control panel command
- Thera 3: mini slow-dome designed for indoor installation. Performance and design all in one
- Thera 4 and 5: high-resolution optical zoom for the best in terms of video filming efficacy
- Thera 4 and 5: IP 66 ideal for outdoor installations. Available in kit with standard power supply and Thera 4 and 5 supporting brackets. Power Box option. Power Box includes a power supply unit and a 8 IN alarm board all closed in a IP 66 sealed container. Book opening and plug-in contacts for quick and easy installation
- Thera 5: ideal for applications in vandalism-prone areas. The camera module speed makes is suitable for systems with high-level performance



Mini Speed-Dome  
Thera 4 - 5



Mini Speed-Dome  
Thera 4 - 5

Discretion, design and functionality blend together in Thera 3 (code 1092/600), Thera 4 (code 1092/601) and Thera 5 (code 1092/602), the new panning and tilting mini domes.

The extremely compact dimensions of these domes make them particularly suitable for all installations in which discretion, design and competitive costs are the first requirements to be respected.

The features of the products in the new range and their cost-effectiveness make Thera series suitable for installations such as:

- **Thera 3:** compact size and innovative design, this is the ideal solution for small businesses and homes.
- **Thera 4:** this model is fast and can managed a 10X optical zoom controlled from the control panel. It may be installed outdoors (IP 66) using the special bracket and protective accessories. Ideal for industries and public tertiary.
- **Thera 5:** has fine finish and vandal-proof dome and is ideal also for environments with aggressive atmosphere and vandalism-prone areas. With a 10X zoom and quick operation, it is unique on the market in terms of performance and cost-effectiveness.



# THERA MINI SPEED DOMES



1092/600



1092/601



1092/602  
**new**

## THERA

1092/600	Thera 3 - Mini dome PT indoor D&N with varifocal 4-9 mm lens
1092/601	Thera 4 - Mini dome PTZ, outdoor installation, D&N with 10X zoom
1092/602 <b>new</b>	Thera 5 - Mini dome PTZ, vandal-proof outdoor installation, D&N with 10X zoom

## MINI SPEED-DOME THERA COMPARISON TABLE

	1092/600	1092/601	1092/602
Camera	1/3" CCD Sony colour	Samsung module with CCD Sony 1/4"	Samsung module with CCD Sony 1/4"
Lens	Varifocal manual 4~9 mm	Zoom 10 X f3,8 – 38 mm, F1,8	Zoom 10 X f3,8 – 38 mm, F1,8
Zoom	-	10X optical - 10X digital	10X optical - 10X digital
Resolution	Colour 420TVL – 480TVL (Enhanced)/B/W 500TVL	Colour 500TVL /B/W 570TVL	Colour 500TVL /B/W 570TVL
Sensitivity	0,5 Lux (Colour); 0,01 Lux F1.2 (B/W); 0.005 Lux F1.2 (Sens-up ON)	0,7 Lux (Colour); 0,02 Lux (B/W); 0.005 Lux (Sens-up ON)	0,7 Lux (Colour); 0,02 Lux (B/W); 0.005 Lux (Sens-up ON)
Available addresses	1-256	1-256	1-256
Horizontal axis rotation range	360° continuous	360° continuous	360° continuous
Vertical axis rotation range	0-90° (pivoting function)	0-90° (pivoting function)	0-90° (pivoting function)
Manual rotation speed	0.1 ~ 30°/sec	0.1 ~ 60°/sec	0.1 ~ 240°/sec (horizontal) 0.1 ~ 120°/sec (vertical)
Preset rotation speed	50°/sec	80°/sec	300°/sec
Auto flip	NO	•	•
On screen menu	•	•	•
Number of preset positions	40	64	181
Programmable preset positions	32	50	128
Track Tour (programm. preset sequence)	6	6	0
Default tour	•	•	NO
Repeat Last function	NO	•	•
Vector Scan (activatable function and preset sequence)	NO	NO	6 Vector Scan x 16 functions
Pattern (stored paths)	NO	NO	3 (up to 120 seconds each)
Auto Scan (random 360° horizontal movement)	NO	•	•
Pan Scan (360° horizontal movement)	•	•	•
Frame Scan (program. horizontal movement between two points)	•	•	•
Privacy zone	NO	NO	•
Preset titles	NO	NO	•
Alarms managed by menu	0	0	16

• Yes.

>> Continue

## MINI SPEED-DOME THERA COMPARISON TABLE

	1092/600	1092/601	1092/602
Alarms In-Out	0	8In/2Out (available with Power Box 1092/627)	8In/2Out (available with Power Box 1092/628)
Remote alarms In-Out	0	8In/2Out	8In/2Out
Alarm actions	NO	Alarm preset position	Vector Scan-Pattern-Auto Scan-Pan Scan-Preset
Compatibility with supplementary alarm board (Ref. 1092/685)	NO	•	•
Functions which can be obtained using supplementary alarm board	NO	Alarm preset position	Vector Scan-Pattern-Auto Scan-Pan Scan-Preset
Compatible power box	NO	1092/627 (with alarm board)	1092/628 (with alarm board)
Communication prot.	RS485 (Pelco D)	RS485 (Pelco D)	RS485 (Pelco D)
Operating temperature	0°C ~ 40°C	0°C ~ 40°C	0°C ~ 40°C
IP degree of protection	-	IP66	IP66
Power	16Vcc – 1A	24Vca – 1A	24Vca – 1.5 A
Consumption	6W	6W	33W

## ACCESSORIES



1090/620



1092/626



1092/625



1092/628

### 1092/620

#### Control panel for **Thera dome**

The 1092/620 control panel can be used to operate pan/tilt/zoom functions and the automatic functions (Preset and Tour) of Thera mini domes.

- PTZ controls and functions: 30 dedicated membrane buttons
- Protocol: Pelco P
- Serial interface: RS-485
- Baud Rate: 2400Bps, 4800 Bps and 9600Bps
- Power: 12Vdc - 0.9A by means of power unit provided
- Weight: 0.8 kg
- Dimensions: 68 (H) x 140 (W) x 0142 (D) mm

### 1092/626

#### **Thera 3 false ceiling assembly kit**

This kit is for use with the 1092/600 (Thera 3) and allows to install the P/T mini dome P/T on a false ceiling.

### 1092/625

#### **Thera 3 bracket for wall-mounted applications**

This kit is for use with the 1092/600 (Thera 3) and allows to install the P/T mini dome P/T on a false ceiling.

### 1092/627

#### **Power Box for Thera 4**

The Power Box is a unit with a IP66 degree of protection which contains:

- power supply unit 230Vac output 24Vac
- quick coupling connection wires for connecting to Thera 4
- board with 8 In board for managing preset positions and 2 Out for alarm relays. The board is connected to the camera module by means of RS-485 connection.

### 1092/628 **new**

#### **Power Box for Thera 5**

The Power Box is a unit with a IP66 degree of protection which contains:

- power supply unit 230Vac output 24Vac
- quick coupling connection wires for connecting to Thera 5
- board with 8 In for programmable alarm actions on Thera 5 and 2 Out for alarm relays. The board is connected to the camera module by means of RS-485 connection.

• Yes.



# EASY DOME



- **High speed**
- **Sony camera module**
- **Wall or ceiling bracket**
- **Power Box option**
- **Advanced functions  
(remote control, privacy zone, etc)**

For top security needs, in which a wide range of lenses and highly specialised functions are needed (such as privacy zone for masking out some areas of the picture), here is the Urmet Easy Dome range: high-tech solutions, Day & Night modules, zoom lens with autofocus, control panel, variable speed, panning and tilting functions.

The Easy Dome is naturally integrated with all video surveillance system, extending (with the use of DVR or DVS) their management also to the remote SW platform.

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### Easy Dome III with wall bracket



Easy Dome III  
192/670 - /671 - /672



Bracket  
1092/680



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### Easy Dome III with wall bracket and Power Box



Easy Dome III  
192/670 - /671 - /672



Bracket  
1092/680



Power Box  
1092/684



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### Easy Dome III with ceiling bracket



Easy Dome III  
192/670 - /671 - /672



Bracket  
1092/681



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### Easy Dome III with ceiling bracket and Power Box



Easy Dome III  
192/670 - /671 - /672



Bracket  
1092/681



Power Box  
1092/684





# EASY DOME



1092/650



1092/665



1092/651



1092/652



1092/653



1092/654

## Easy Dome II

Efficient and easy to install, the new Easy Dome II complements the CCTV range and expresses the continuous technological evolution of Urmet Domus. More discreet and compact, the new Easy Dome II fits Sony camera modules provided with 26x optical zoom or 36X digital zoom. Integrated high-speed tilting and panning function for horizontal (360° continuous) and vertical movements (90°). Noteworthy features of the new product include auto-tracking of moving objects, 26X or 36X optical zoom and 12X digital zoom, automatic and/or manual focus adjustment, maximum manual panning speed of 240°/s and tilting speed of 160°/s; 256 programmable preset positions; 4 alarm inputs and 2 alarm outputs. Can be arranged in any type of environment for versatile, extreme easy assembly. Easy Dome II provides remarkable professional performance at extraordinary quality-price ratio. With a full range of accessories: ceiling assembly kit and false ceiling assembly kit, with external/internal brackets (all with power supply included); control panel with 8 video inputs and 20 outputs.

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 **1092/650** Easy Dome II Zoom 26X day & night camera module, 256 Preset positions and Autotracking

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 **1092/665 new** Easy Dome II Zoom 26X day & night camera module, 36X zoom, 256 Preset positions and Autotracking

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## EASY DOME II SERIES ACCESSORIES

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 **1092/651** Easy Dome II assembly kit with indoor wall bracket  
The kit for use with Easy Dome II 1092/650 camera module includes:

- Wall support
- Housing with thermostat and fan
- Tinted dome
- Power supply units

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 **1092/652** Easy Dome II assembly kit with wall bracket and outdoor connection box IP66  
The kit for use with Easy Dome II 1092/650 camera module includes:

- Wall support with IP66 connection box
- Housing with thermostat and fan
- Tinted dome
- Power unit included in connection box

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 **1092/653** Easy Dome II ceiling assembly kit  
The kit for use with Easy Dome II 1092/650 camera module includes:

- Housing for assembly on false ceiling
- Tinted dome
- Power supply units

---

 **1092/654** Easy Dome II false ceiling assembly kit  
The kit for use with Easy Dome II 1092/650 camera module includes:

- Housing (base + body) for assembly to the ceiling
- Tinted dome
- Power supply units

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**1092/655** Easy Dome II corner adapter  
Adapter for installing Easy Dome II cameras in wall corners.  
Suitable for use with items 1092/651 and 1092/652.

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**1092/656** Easy Dome II pole adapter  
Adapter for installing Easy Dome II cameras on poles.  
Suitable for use with items 1092/651 and 1092/652.

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**1092/657** Easy Dome II vandal-proof dome  
Suitable for use with items 1092/651, 1092/652 and 1092/654

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NOTE: more accessories in common to all Easy Dome cameras on page 194.

## Easy Dome III

In keeping with other product ranges, the Urmet Domus Easy Dome series has evolved, featuring the third generation today. Easy Dome III is designed for satisfying the highest expectations in terms of quality, performance and competitiveness.

High-efficiency, easy installation and technological evolution are the key features of the new range.

The new Easy Dome III use Sony camera modules and have three performance targets:

- 26 x optical and 12X digital module, 530TVL and WDR function
- 26 x optical and 12X digital module, 480TVL with stabiliser
- 36 x optical and 12X digital module, 530TVL and WDR function

The actuation mechanics, the care for details and the full range of accessories complete the range: finding the right answer for all installation needs in relation to the type of video system being made is easy.

<b>1092/670</b>	Easy Dome III with day & night camera, 36X zoom, 530TVL with WDR
<b>1092/671</b>	Easy Dome III with day & night camera, 26X zoom, 530TVL with WDR
<b>1092/672</b>	Easy Dome III with day & night camera, 26X zoom, 480TVL with stabiliser

### EASY DOME III SERIES ACCESSORIES

<b>1092/680</b>	<b>Wall bracket for Easy Dome III</b> Bracket for fitting Easy Dome III on the wall (1092/670, 1092/671 and 1092/672). Usable also on Power Box 1092/684 and with angle adapter 1092/682 and pole adapter 1092/683.
<b>1092/681</b>	<b>Ceiling mounting kit for Easy Dome III and Thera 4</b> Bracket for fitting Easy Dome III on the ceiling (1092/670, 1092/671 and 1092/672). Usable by means of a adapter (included) on Power Box 1092/684 for Easy Dome III and Power Box 1092/627 for Thera 4.
<b>1092/682</b>	<b>Angle adapter for Easy Dome III and Thera 4</b> Angle adapter for installing Easy Dome III and Thera 4. The adapter can be used with Easy Dome III and Thera Power Box and wall bracket (Easy Dome III only).
<b>1092/683</b>	<b>Pole adapter for Easy Dome III and Thera 4</b> Pole adapter for installing Easy Dome III and Thera 4. The adapter can be used with Easy Dome III and Thera Power Box and wall bracket (Easy Dome III only).
<b>1092/684</b>	<b>Power Box for Easy Dome III</b> The Power Box is a unit with a IP66 degree of protection which contains: - power supply unit 230Vac output 24Vac - quick coupling connection wires for connecting to the camera module. - board with 8 In for programmable alarm actions on Easy Dome III and 1 Out for alarm relays. The board is connected to the camera module by means of RS-485 connection. For use on Easy Dome III.

**EASY DOME III SERIES ACCESSORIES**

- 1092/685** **Supplementary alarm board (8 in / 1 Out) for indoor use**  
 Remote board connectable in RS-485 for using 8 alarm inputs. Manages programming alarm actions and preset positions on Easy Dome III and Thera 5. Manages Thera 4 and 5 preset position only. External power supply unit 12V-600mA required (Urmet Domus 1092/801).  
 Metallic indoor casing.

**Example of application**



**ACCESSORIES FOR EASY DOME II AND EASY DOME III**



1092/660

- 1092/660** **Data distributor RS485 1In / 4Out**  
 Device for use for RS485 data line distribution characterised by 1 input and 4 output.  
 - Maximum number of devices connectable in series: 2  
 - Maximum number of devices connectable in parallel: 16  
 - Distance of single segment: max. 1200 m  
 - Total distance (from first to last device): max. 2400 m  
 - Working temperature range: -5 ~45°C  
 - Input voltages 12Vdc - 250mA  
 Recommended power supply unit: 1092/800



1092/690

- 1092/690** **Easy Dome II and III standard control panel**  
 1092/690 control panel for Easy Dome II programming.  
 - Three-axis joystick for PAN/TILT/ZOOM movements  
 - OSD menu in English  
 - RS485 - RS422 connection  
 - Power: 230Vac  
 - Dimensions: 312 (L) x 210 (H) x 80 (D)

- 1092/691** **Easy Dome II and III control panel with 8In video 2Out**  
 The 1092/691 control panel has the same functions as the 1090/690 control panel, with the addition of 8 inputs and 2 video outputs. Eight video signals can be managed directly from the control panel.  
 - Three-axis joystick for PAN/TILT/ZOOM movements  
 - OSD menu in English  
 - 8 video inputs (1.0 Vpp / 75 ohm)  
 - 2 video outputs (1.0 Vpp / 75 ohm)  
 - RS485 - RS422 connection  
 - Power: 230 Vac  
 - Dimensions: 312 (L) x 210 (H) x 80 (D)



1092/692

- 1092/692** **Multiple purpose control panel**  
 The control panel allows to remotely control Easy Domes and in general all devices capable of receiving Pelco D controls. The control panel 1092/692 is also compatible with SYSTEM series DVR.  
 - Three-axis joystick for PAN/TILT/ZOOM movements  
 - OSD menu in English  
 - RS485 - RS422 connection (connectors RJ45)  
 - For controlling SYSTEM and SYSTEM-S DVRs  
 - Power: 12Vdc  
 - Dimensions: 345 (L) x 185 (H) x 100 (D)

## EASY DOME COMPARISON TABLE

		EASY DOME II		1092/670	EASY DOME III	
		1092/650	1092/665		1092/671	1092/672
Cameras	MCamera module	Sony Exview 1/4" HAD			Sony Exview 1/4" HAD	
	Sensitive elements (pixel)	Approx. 440.000 pixels			Approx. 440.000 pixels	
	Sensitivity (lux)	1.0 lux (F1.6, 1/50s 50IRE) Colour 0.01 lux (ICR-ON, F1.6, 1/3s, 50IRE) B/W	1.4 lux (F1.6, 1/50s 50IRE) Colour 0.01 lux (ICR-ON, F1.6, 1/3s, 50IRE) B/W	1.4 lux (F1.6, 1/50s 50IRE) Colour 0.01 lux (ICR-ON, F1.6, 1/3s, 50IRE) B/W	1.0 lux (F1.6, 1/50s 50IRE) Colour 0.01 lux (ICR-ON, F1.6, 1/3s, 50IRE) B/W	1.0 lux (F1.6, 1/50s 50IRE) Colour 0.01 lux (ICR-ON, F1.6, 1/3s, 50IRE) B/W
	TVL Horizontal resolution	480		530	530	480
	Signal/noise ratio (dB)	>50dB			>50dB	
	Synchronization	Internal			Internal	
	Day/Night	●			●	
	Lens	Zoom Ottico	26x (f=3,5~91mm)	36x (f=3,4~122mm)	36x (f=3,4~122mm)	26x (f=3,5~91mm)
Zoom Digitale		12x	12x		12x	
Mechanical performances	Horizontal axis rotation range	360° (continuous)			360° (continuous)	
	Horiz. axis rot. speed (manual)/°sec	0,5°-240°/s var.			0,5°-300°/s var.	
	Vert. axis rot. speed (manual)/°sec	0,5°-160°/s var.			0,5°-120°/s var.	
	Horiz. axis rot. speed (Preset)/°sec	400°/s			400°/s	
	Proportional speed movement	Activatable			Activatable	
	Auto flip	●			●	
Function	Dynamical Privacy zones	8			8	
	Privacy zones mosaic effect	NO		●	●	NO
	On screen menu	●			●	
	Smart backlight compensation (WDR)	NO		●	●	NO
	Electronic stabiliser	NO		NO	NO	●
	Timer management	NO			●	
	Number of preset positions	256			165	
	Number of programmable preset pos.	228			128	
	Number of user definable zones	8			8	
	Cruise function (sequence of preset positions)	30			0	
	Vector Scan function (sequence of preset functions and positions)	0			6 Vector Scan x 16 functions	
	Pattern function (stored paths)	4 (up to 100 storable movements)			3 (up to 120 seconds each)	
	Autotracking function (automatic target tracking)	●			NO	
	Auto Scan function (360° horizontal movement)	●			●	
	Random Scan function (360° random horizontal movement)	●			●	
	Frame Scan functions (programmable horizontal mov. between two points)	●			●	
	Preset titles	●			●	
	Supported protocol	RS-485; PELCO D			RS-485; PELCO D	
	Alarms managed by menu	4			8 + 8	
	Alarms In-Out	4In/2Out (included in board)			8In/10Out (included in Power Box)	
	Remote alarms In-Out	0			8In/2Out	
	Alarm actions	Cruise-Pattern -Autotracking-Auto Scan-RandomScan-Frame Scan-Preset			Vector Scan-Pattern-Auto Scan-RandomScan-Frame Scan-Preset	
	Compatibility with supplementary alarm board (Ref. 1092/685)	●			●	
Functions which can be obtained using supplementary alarm board	8 Alarm preset alarms			8 Alarm preset alarms		
Degree of protection	IP66 using Power Box			IP66 using Power Box		
General characteristics	Power	24Vcc/Vca ±10%; 50Hz			24Vcc/Vca ±10%; 50Hz	
	Standard power unit included	NO			●	
	Compatible power box	1092/652			1092/684 (with alarm board)	
	Consumption	50W			50W	
	Running temperature (inside casing)	0 ~ 50°C			0 ~ 50°C	
	Running temperature (with heater and fan)	-25 ~ 50°C			-20 ~ 60°C	

● Yes.



# PAN AND TILT and power supply units



1090/707



1090/709

## MAIN CHARACTERISTICS OUTDOOR PAN AND TILT DEVICE

	1090/707**	1090/709**
Power	230 Vca	230 Vca
Consumption	13 mA	51 mA
Max. load (Kg)	12	30
PAN	0-350°C movement on horizontal plane	0-355°C movement on horizontal plane
Speed	6° a second	6° a second
Tilt	0-90°C movement on vertical plane	0-90°C movement on vertical plane
Speed	3° a second	3° a second
Construction	Aluminium casting	Aluminium casting
Finish	RAL9002 paint	RAL9002 paint
Closure	Fully sealed	Fully sealed
Working temperature range	from -23°C to +60°C	from -23°C to +60°C
Wiring	6 wires + ground	6 wires + ground
Functions	left, right. Up, down, common, autopan	left, right. Up, down, common, autopan
Protection	IP65	IP65
Dimensions (W x H x D) mm	175 x 140 x 125	167 x 180 x 120
Weight (Kg)	3,7	6,5



1090/713

## INDOOR PAN AND TILTING DEVICE

### 1090/713\*\* Manual/automatic panning and tilting device

- External casing: shockproof plastic
- Rotation supports: ball bearings
- Panning angles: 350°
- Tilting angles: -90°
- Stoppers: externally adjustable
- Panning speed: 6 sec
- Tilting speed: 4 sec
- Load capacity: 5 kg
- Panning cycle function: automatic/manual
- Control wire: 7 non-shielded wires
- Weight: 2 kg
- Degree of protection: IP50
- Dimensions: 190 (W) x 230 (H) x 120 (D) mm

\*\* Contact the sales network for availability.



1090/721

## PAN, TILT AND ZOOM CONTROLS

---

-  **1090/721\*\*** Pan, tilt and zoom control  
 Power: 230 Vac
- Common features and performance
  - 5 panning functions: UP, DOWN, LEFT, RIGHT, AUTO
  - 6 optical control functions: ZOOM IN, ZOOM OUT, IRIS OPEN, IRIS CLOSE, FOCUS NEAR, FOCUS FAR
  - Lenses may be controlled by polarity inversion or common wire
  - 6 output lines for pan control
  - 6 output lines for controlling other functions (ZOOM, FOCUS, IRIS)
  - Power: 24 Vac / 230 Vac 50/60 Hz
  - Power: 4 -
  - Construction: extruded aluminium and rubber components
  - Weight: 900 g
  - Dimensions: 120 (W) x 185 (H) x 60 (D) mm
- 

## ACCESSORIES

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- 1090/714\*\*** Pan and tilt device wall fastening bracket 1090/709
- Length: 445 mm
  - Weight: 1.6 kg
- 



1090/715

-  **1090/715** Pole adapter module
- Pole: Ø 80 - 150 mm
  - Weight: 2.5 kg
  - Dimensions: 220 x 175 mm
- 

- 1090/716\*\*** Pan and tilt device wall fastening bracket 1090/707
- Length: 285 mm
  - Weight: 0.6 kg
- 

- 1090/717** Pole collar 1090/716
- Pole: Ø 65 - 110 mm
  - Weight: 1.2 kg
  - Dimensions: 110 x 175 mm
- 

\*\* Contact the sales network for availability.



## VIDEO DISTRIBUTION

 **1090/726** 1 input/ 4 output video distributor

**1090/727** 1 input/ 8 output video distributor

Common features and performance

- Power: 230 Vac
- S/R ratio: > 55 dB
- Weight: 2.2 kg
- Dimensions: 216 (W) x 44 (H) x 240 (D) mm

**1090/730** **Miniature video distributor**

Used for distributing video signal from one camera to up to 4 monitors.

Very small, may be wall mounted or fitted inside a junction box. Must be powered by power unit 1090/850 using the 12 Vdc output without adapter.

- Power: 15 Vdc 30 mA
- Connections: no BNC connectors required
- Dimensions: 96 (W) x 28 (H) x 65 (D) mm

## VIDEO AMPLIFIERS

 **1090/729** 1 input/ 1 output video amplifier

- Video input: 1
- Video output: 1
- Linear gain: > 13dB
- Power: 230 Vac
- Weight: 2.2 kg
- Dimensions: 216 (W) x 44 (H) x 240 (D) mm

## FREQUENCY SYNTHESIS MODULATOR

 **1090/868** Frequency synthesis modulator

The modulator converts the video signal from a camera into a radio frequency signal compatible with a television antenna input. The device is provided with connectors for being fitted on the existing antenna wire and occupying a spare television channel. The camera signal may be called up on screen with the selection of the dedicated channel.

- Power: 230 Vac
- Adjustable audio and video by means of trimmer
- Output channel selection band I or band II or hyperband IV or V by means of dip switch
- Adjustable RF output level

## VIDEO CONTROL DEVICES

### Colour video compressor

 **1090/614** Colour digital video compressor with motion detector

- Video camera inputs: 4 (1.0 Vpp / 75 ohm)
- VCR video inputs: 1 (1.0 Vpp / 75 ohm)
- Video monitor outputs: 1 (1.0 Vpp / 75 ohm)
- VCR monitor outputs: 1 (1.0 Vpp / 75 ohm)
- Frame rate: Real Time (25 frames per second)
- Resolution: 768 x 576
- 4 alarm inputs, 1 relay alarm output
- Wire cutting surveillance on each channel
- OSD menu in English
- 192 motion detector zones
- Quad and full function still function

## Colour video compressor

- PIP (Picture-In-Picture) function
- Four different camera displayed on screen
- Full screen display in the event of alarms
- OSD alarm log
- Power: 12 Vdc via external power unit included
- Average consumption: 500mA
- Maximum video wire extension: 100 m
- Working temperature range: -10°C to 50°C
- Weight: 740 g
- Accessories provided: power supply 230 Vac - 12Vdc
- Dimensions: 195 (W) x 45 (H) x 150 (D) mm

## Manual video switches

**1090/601\*\*** Automatic/manual cycle switch, 4 inputs/2 outputs

## VIDEO POWER UNIT



1090/829

-  **1090/829** Power unit 230 Vac - 12 Vdc
- Suitable for all B/W and colour cameras. Suitable for mounting in casings 1090/820 - /821 - /822 - /809 with the accessory provided.
  - Input voltage: 230 Vac
  - Output voltage: 12 Vdc - 400 mA
  - Weight: 400 g
  - Dimensions: 82 (W) x 72 (H) x 35 (D) mm



1090/850

-  **1090/850** Power unit 230 Vac - 15 Vdc - 12 Vdc
- Power: 230 V $\pm$ 10%, 50/60 Hz
  - Power: 5 VA nominal
  - Output: V out = 12 V, 0.18 A (with jumper P1 - P2), V out= 15 V, 0.18 A (without jumper P1 - P2)
  - Protections: PTC thermal switch (on secondary)
  - Working temperature range: -10° C, + 40° C
  - Weight: 300 g
  - Dimensions: 65 (W) x 63 (H) x 45 (D) mm



1092/800

-  **1092/800** Plug power unit 230Vac - 12Vdc - 500mA
- Input voltage: 230Vac
  - Output voltage: 13.2Vdc - 500 mA
  - Dimensions: 28 (W) x 40 (H) x 74 (D) mm
  - Weight: 105 g

- 1092/801** Plug power unit 230Vac - 12Vdc - 1200mA
- Input voltage: 230Vac
  - Output voltage: 13.2Vdc - 1200 mA
  - Dimensions: 30 (W) x 43 (H) x 82 (D) mm
  - Weight: 135 g

## CAMERA ACCESSORY



1090/812

 **1090/812** CCD camera wall bracket, length 50 mm



1090/813

 **1090/813** CCD camera wall bracket, length 140 mm

**1090/814** CCD camera wall bracket, length 190 mm

**1090/836** Set of 4 BNC fasteners (screw)

**1090/837** Set of 4 BNC fasteners (for crimping)

**1090/840** Camera power wire with 90° connector

\*\* Contact the sales network for availability.



# MONITORS



## LCD MONITORS



1092/400

- 1092/400 LCD 2.5" wrist monitor
  - Video inputs: 1 Mini Jack female (with BNC adapters)
  - Mini Jack male power input (for powering and recharging batteries)
  - Resolution: 480 x 234
  - Dimensions: 85 (W) x 64 (H) x 21 (D) mm. Weight: 90 g
  - Settings: brightness and colour
  - Power adapter: Input 100~240 Vac - Output 5V/1A



1092/407

- 1092/407 **new** LCD TFT 17" monitor VGA only
  - LCD: 17" TFT
  - Resolution: 1280 x 1024
  - Contrast ratio: 500 : 1
  - Brightness: 400 cd/m<sup>2</sup>
  - Dimensions: 380 (W) x 382 (H) x 190 (D) mm
  - Weight: 5.8 kg



1092/417A

- 1092/417A **new** LCD TFT 17" monitor
  - LCD: 17" TFT
  - Resolution: 1280 x 1024
  - Contrast ratio: 400 : 1
  - Brightness: 350 cd/m<sup>2</sup>
  - Dimensions: 420 (W) x 402 (H) x 220 (D) mm
  - Weight: 5.8 kg



1092/419A

- 1092/419A **new** LCD TFT 19" monitor
  - LCD: 19" TFT
  - Resolution: 1280 x 1024
  - Contrast ratio: 500 : 1
  - Brightness: 250 cd/m<sup>2</sup>
  - Dimensions: 434 (W) x 412 (H) x 330 (D) mm
  - Weight: 5.8 kg

## LCD MONITORS

	1092/400	1092/407	1092/417A	1092/419A
Response time	2,5" TFT	17" TFT	17" TFT	19" TFT
Pixel resolution	8ms	8ms	8ms	8ms
Pixel size	480 x 234	1280 x 1024	1280 x 1024	1280 x 1024
Colour display	0,264 x 0,264	0,264 x 0,264	0,264 x 0,264	0,264 x 0,264
Contrast ratio	16,7 million	16,7 million	16,7 million	16,7 million
Brightness	150:1	500:1	400:1	500:1
Frame angle	250cd/m <sup>2</sup>	400cd/m <sup>2</sup>	350cd/m <sup>2</sup>	250cd/m <sup>2</sup>
Video standard	-10° to +30° horizontal -45° to +45° vertical	-70° to +70°(140°) horizontal -60° to +60°(120°) vertical	-80° to +80°(160°) horizontal -80° to +55°(135°) vertical	-80° to +80°(160°) horizontal -80° to +55°(135°) vertical
Horizontal frequency	PAL	PAL/NTSC	PAL/NTSC	PAL/NTSC
Vertical refresh speed	16.625Hz	31 to 65KHz	31 to 65KHz	31 to 65KHz
Audio input	50Hz	56 to 75Hz	56 to 75Hz	56 to 75Hz
Audio output	NO	RCA	RCA	RCA
Composite video input	NO	2 speakers - 2,5W	2 speakers - 2,5W	2 speakers - 2,5W
Composite video output	1 video comp signal 1.0Vpp 75Ω Mini Jack	NO	2 video comp signal 1.0Vpp 75Ω BNC	2 video comp signal 1.0Vpp 75Ω BNC
Loop-through	NO	NO	2 video comp signal 1.0Vpp 75Ω BNC	2 video comp signal 1.0Vpp 75Ω BNC
S-video input	NO	NO	Y/C Mini Din	Y/C Mini Din
VGA input	NO	YES	RGB analogue	RGB analogue
HDMI input	NO	NO	YES	YES
Front controls	On/Off – Brightness Colour	On/Off - OSD menu Selection buttons	On/Off - OSD menu Selection buttons	On/Off - OSD menu Selection buttons
Picture In Picture function	NO	NO	YES	YES
Power	5V – 1°	12V – 4°	12V – 4,16A	12V – 4,16A
Power adapter	100 to 240V~0,15°, 50/60Hz	100 to 240 V ~ 1A, 50/60Hz	100 to 240 V ~ 1.6A, 50/60Hz	100 to 240 V ~ 1.6A, 50/60Hz
Operating temperature range	-10 to +45°C	0°C to +40°C	0°C to +40°C	0°C to +40°C
Storage temperature range	-30°C to +60°C	-25°C to +60°C	-25°C to +60°C	-25°C to +60°C
Dimensions (W x H x D)	85 x 64 x 21	380 x 380 x 190	420 x 402 x 220	434 x 412 x 330
Weight	90 g	5,8 Kg	5,8 Kg	6 Kg



1092/442

**LARGE SIZE LCD MONITOR**

**1092/432 new 32" 16:9 LCD monitor**

- Video inputs: 2 BNC, 1 VGA, DVI-D, RGB x 3 BNC
- Audio inputs: RCA Input
- VGA resolution: WXGA 1366x768
- Response time: 8ms
- Contrast: 1000:1
- Power: 100~240Vac

**1092/442 new 42" 16:9 LCD monitor**

- Video inputs: 2 BNC, 1 VGA, DVI-D, RGB x 3 BNC
- Audio inputs: RCA Input
- VGA resolution: WXGA 1980x1080
- Response time: 8ms
- Contrast: 1500:1
- Power: 100~240Vac

**LARGE SIZE LCD MONITOR COMPARISON TABLE**

	1092/432	1092/442
LCD	32" TFT	42" TFT
Response time	5ms	5ms
Pixel resolution	1366 x 768	1920 x 1080
Colour display	16,7 million	16,7 million
Contrast ratio	1500:1	2000:1
Brightness	800cd/m <sup>2</sup>	900cd/m <sup>2</sup>
Frame angle	-85° to +85° horizontal -80° to +80° vertical	-85° to +85° horizontal -80° to +80° vertical
Video standard	PAL/NTSC	PAL/NTSC
Audio input	JACK	JACK
Audio output	2 speakers – 2W	2 speakers – 2W
Video inputs	2 video composite BNC signal 1 VGA video signal 1 S-Video signal 1 YPBPR video signal 1 HDMI signal	2 video composite BNC signals 1 VGA video signal 1 S-Video signal 1 YPBPR video signal 1 HDMI signal
Composite video output	2 video composite BNC signals	2 video composite BNC signals
Loop through	1 S-Video signal	1 S-Video signal
Power	100-240 V ~ 50/60Hz	100-240 V ~ 50/60Hz
Operating temperature range	0°C to +50°C	0°C to +50°C
Storage temperature range	-25°C to +60°C	-25°C to +60°C
Dimensions (W x H x D)	774 x 486 x 100	1018 x 610 x 110
Weight	25	40


**1090/444**

**1090/647**

**1090/435**

## CRT COLOUR MONITOR

- 📺 **1090/444**    **Colour 14" monitor with audio**
  - Kinescope: 14" colour
  - Horizontal resolution: 400 TVL lines
  - Video input connection: BNC x 1 - Y/C x 1
  - Audio connection: RCA in x 1 / RCA out x 1
  - Consumption: 60 Watt
  - Dimensions: 350 (W) x 350 (H) x 360 (D) mm
  - Weight: 14 kg

- 📺 **1090/647\*\***    **14" desktop colour monitor, digital VCR with 4 integrated channel**

- 📺 **1090/435\*\***    **15" SVHS colour monitor with audio**

- 📺 **1090/421\*\***    **Colour 21" monitor with cycle function and audio**

## CRT COLOUR MONITOR COMPARISON TABLE

	<b>1090/444</b>	<b>1090/435</b>	<b>1090/421</b>
Kinescope	14" colour	15" colour	21" colour
TV standard	NTSC/PAL automatic		
Video input	1 video composite inputs BNC 0.5 @ 1.2Vpp (75Ohm) + 1 input Y/C	2 video composite inputs BNC 0.5 @ 1.2Vpp (75Ohm) + 1 input Y/C	2 video composite inputs BNC 0.5 @ 1.2Vpp (75Ohm) + 1 input Y/C
Video output	1 video composite output BNC in loop + 1 output Y/C	2 video composite outputs BNC in loop + 1 output Y/C	2 video composite outputs BNC in loop + 1 output Y/C
Audio	1In/1Out	2In/2Out	2In/2Out
Audio connection	RCAx2	RCAx4	RCAx4
Horizontal resolution	400TVL	800TVL	500TVL
Power	100-240V ~ 50/60 Hz		
Consumption	60W	95W	85W
Working temperature	-10 ~ 50°C		
Dim. (W x H x D) mm	350 x 350 x 360	368 x 361 x 380	492 x 474 x 482
Weight	14	15	27

## MONITOR ACCESSORY

- 📺 **1090/873**    **19" rack adapter for one 14/15" monitor 1090/325-444**

\*\* Contact the sales network for availability.



# DIGITAL VIDEO RECORDERS AND IP SOLUTIONS



DVR **new**



Video Server



Solutions and IP cameras  
Megapixel cameras **new**

- Integrated professional solutions
- new** DVR Hybrid: maximum compatibility with analogue and digital systems and IT system management
- New NVM and NVM plus control and monitoring software. Complete professional solutions for centralised video control

A perfectly integrated range of products (DVR, video servers and IP cameras) for medium and large-sized systems.

Urmet devices guarantee the best features for working in control rooms with centralised video viewing and recording on a network.

These Urmet devices are the best and most innovative for the purpose: the resulting solutions use a single supervision client software for managing and controlling various types of devices (DVR, video server and IP cameras). All components are mutually compatible.

**URMET: integrated professional solutions.**



# DIGITAL VIDEO RECORDERS



1093/004

## New Dynamic DVR: simple and functionality

### 1093/004 **new** NEW DYNAMIC digital video recorder

State-of-the-art functions and simple use at an extremely low cost.

The H.264 compression algorithm allows recording in continuous, alarm or motion detection mode, up to 25 fps (CIF) or 6 fps (D1) per video channel.

The triple-stream function optimises bandwidth for perfect video/frame rate quality and simultaneous LAN - WAN and WAN connections to PDA. Simplified menu, easy web management, SW (included) for displaying pictures on mobile phone, PDA or i-Phone: these are only some of the features which make the New Dynamic DVR a versatile element in small-sized systems (shops and homes).

### MAIN CHARACTERISTICS

	1093/004
Composite video inputs	4
Video outputs	2 BNC
Spot output	NO
VGA outputs	•
Audio inputs	4
Audio outputs	1
Viewing	Full screen and multi screen
Recording speed	25 fps per video channel (CIF) and 6 fps per video channel (D1)
Recording resolution	D1/HD1/CIF
Recording mode	Continuous, Motion detector, Programmed or Alarmed
Compression algorithm	H.264
Audio compression algorithm	ADPCM
Motion detector	•
VoIP	NO
Watermark	NO
Digital playback zoom	NO
Alarm inputs/outputs	4 inputs / 1 output
Supported protocols	TCP/UDP
Triple-stream function	•
Display on mobile phone or PDA	• (Compatible Windows Mobile, Symbian, iPhone)
Integrated web browser	•
Integrated DVD writer	NO
Hard disk	1 Hard Disk SATA included
USB ports	2
USB port for backup	• (on USB stick, USB Hard Disk, USB CD-RW and DVD-RW)
PTZ camera control	• (Pelco D protocol)
On-display menu	•
Management	Controlled by USB mouse, IR remote control
Dimensions (W x D x H) mm	340 x 220 x 50
Power	12Vdc (power supply 12Vdc - 100~240Vac included) - Consumption 30W max

• Yes.

### Revolution-SVN series DVR **new**

Manifestly, DVR-DVS means the device was designed to offer the professional functions of a Digital Video Recorder specifically on a Digital Video Server network. The H.264 compression algorithm makes the new DVR 1093/061SVN suitable for use in applications in which recording quality, recording time, frame rates and network functions must be top class at all times.

The new DVR 1093/061SVN is a versatile, effective device for small systems. It is equipped with a high-resolution VGA output, a new front panel, 4 video inputs, 2 video outputs (1 multi-screen + 1 spot), HD SATA (standard), 25 fps CIF resolution per video channel for recording, USB 2.0 for back-up and accessories (DVD, mouse), standard mouse for advanced management control (including control of PTZ devices with Pelco-D protocol), DVR management/control using client software (included) and/or Browser, Sub Stream function, video channel display on mobile phone or PDA.



1093/061SVN

 **1093/061SVN** 4 channel digital video recorder with USB and LAN; audio; TI Davinci processor (proprietary technology H.264 codec), 4CIF.



## MAIN CHARACTERISTICS

	1093/061SVN
Composite video inputs	4
Main output	1 BNC
Spot output	1 BNC analogue
VGA outputs	1 (High-resolution)
Audio inputs	1
Audio outputs	1
Viewing	Full screen and multi screen (main) / selectable full screen (SPOT)
Recording speed	4CIF/DCIF/2CIF/CIF/QCIF
Recording resolution	CIF/QCIF real-time / 4CIF/DCIF/2CIF non real time
Recording mode	Manual/Continuous, Motion detector, Programmed or Alarmed
Compression algorithm	H.264
Audio compression algorithm	OggVorbis 16 Kbps
Motion detector	•
Event Encoding	•
Email on event with attached images	•
PLUG & PLAY configuration	•
VoIP	•
Watermark	•
Digital playback and Live zoom	•
Alarm inputs/outputs	4 inputs / 1 output
Supported protocols	TCP/UDP/RTP/MULTICAST and NTP
Triple-stream function	• (real time)
Display on mobile phone or PDA	• (Compatible Windows Mobile, Symbian)
Integrated web browser/Client Software	•
Integrated DVD writer	-
Hard disk	1 Hard Disk SATA included
USB ports	• (for back-up to USB stick, USB Hard Disk, USB CD-RW and DVD-RW)
PTZ camera control	• (Pelco D protocol)
On-display menu	•
Control by means of mouse	•
System keyboard	-
IR remote control	•
Dimensions (W x D x H) mm	315 x 230 x 45
Power	12Vcc (power supply 12Vcc-100~240Vca included) Consumption 40W max

• Yes.

## System-SN series DVR **new**

The DVR-DVS System-SN series is a range of professional devices for video recording and remote and local video surveillance. Based on IP technology (hence the name DVS Digital Video Server), System DVR-DVS devices use native data transmission networks. With very high professional performance, such as optimised frame rate (25 frames per second for each video channel according to the set resolution) and Main Stream/Sub Stream functions for improved use of the available network transmission bandwidth, the System DVR-DVS range has new functions which make it even more versatile. New, simplified OSD menu, advanced Web interface, case with front panel and extractable hard disk, RAID 1 function for mirroring to dedicated HD. Control of DVR, Easy Dome II, III and Thera using USB mouse included.

### COMMON SYSTEM-SN SERIES FEATURES

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- Full screen and multi-screen display
  - Selectable recording speed
  - Recording mode: continuous, motion detector, programmed or alarm
  - H.264 video compression
  - Motion Detector
  - Remote recording back-up via TCP/IP
  - RS485 communication port
  - RS232 communication port
  - Communication port for control panel interface
  - RJ45 10/100M UTP network interface (at least)
  - DVD WRITER back-up (if provided) and 3 USB 2.0 ports
  - PLUG & PLAY configuration
  - 1 high-resolution VGA output
  - Bit rate frequency: 32Kbps~2048Kbps or customised by user
  - 1 HDD included
  - Max. supported capacity for each HDD SATA installable in DVR equal to 2TB
  - Possibility of connecting up to 4 internal HDD (for versions provided with DVD WRITER)
  - Possibility of connecting up to 8 internal HDD (for versions provided with DVD WRITER)
  - Front panel with lock and key
  - Easily insertable hard disk from front panel without opening the device case
  - Possibility of redundant recordings on several hard disks (RAID 1)
  - Digital Zoom Live and Playback
  - Synchronised 8/16 channel playback at the same time 4CIF/DCIF/2CIF/CIF/QCIF
  - Possibility of reading and writing data to USB memory stick
  - Possibility of recording events (Event Encoding) at different resolutions/frame rates with respect to programmed settings
  - Email to event with possibility of attaching pictures
  - NTP Server
  - Front control panel
  - Compatible with Easy Dome (II and III) and Thera
  - NVM PLUS client software included
  - Simplified on-display screen menu with advanced submenus
  - 230Vac power
  - 40W max. consumption (without HDD)
  - Dimensions 470 (W) x 441 (H) x 90 (D) mm
-



1093/040SN

## System-SN series DVR **new**

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**1093/040SN** Digital 8-channel video recorder with USB and LAN, Looping, H264 4CIF/QCIF compression

- 8 video composite inputs
- 8 audio inputs
- 8 video composite loop-through outputs
- 2 composite video outputs (MAIN and SPOT/1 VGA high definition)
- Recording resolution: 704 X 576 4CIF, 528 x 384 DCIF  
704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
- Recording: 200 fps total in CIF/QCIF and 128fps total in 2CIF and 64fps total in 4CIF/DCIF
- 16 alarm inputs, 1 relay alarm output

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**1093/041SN** Digital 16-channel video recorder with USB and LAN, Looping, H264 4CIF/QCIF compression

- 16 video composite inputs
- 16 audio inputs
- 16 video composite loop-through outputs
- 2 composite video outputs (MAIN and SPOT)/1 VGA high definition
- Recording resolution: 704 x 576 4CIF, 704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
- Recording: 400 fps total in CIF/QCIF and 192fps total in 2CIF and 32fps in total 4CIF/DCIF
- 16 alarm inputs, 1 relay alarm output

---

**1093/044SN** Digital 16-channel video recorder with USB and LAN, Looping, H264 4CIF/QCIF compression

- 16 video composite inputs
- 16 audio inputs
- 16 video composite loop-through outputs
- 2 composite video outputs (MAIN and SPOT)/1 VGA high definition
- Recording resolution: 704 x 576 4CIF, 704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
- Recording: 400 fps total in 2CIF/CIF/QCIF and 192fps total in 4CIF/DCIF
- 16 alarm inputs, 1 relay alarm output

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**1093/045SN** Digital 16-channel video recorder with USB and LAN, Looping, H264 4CIF/QCIF compression

- 16 video composite inputs
  - 16 audio inputs
  - 16 video composite loop-through outputs
  - 2 composite digital independent video outputs (MAIN and SPOT)/1 VGA high definition
  - Recording resolution: 704 X 576 4CIF, 528 x 384 DCIF  
704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
  - Recording: 400 fps total in 2CIF/CIF/QCIF and 192fps total in 4CIF/DCIF
  - 16 alarm inputs, 1 relay alarm output
  - Gigabit network board
-

## System-SN series DVR **new**

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### **1093/048SN** Digital 8-channel video recorder with USB and LAN, Looping, H264 4CIF/QCIF compression

- 8 video composite inputs
  - 8 audio inputs
  - 8 video composite loop-through outputs
  - 2 composite video outputs (MAIN and SPOT)/1 VGA high definition
  - Recording resolution: 704 X 576 4CIF, 528 x 384 DCIF  
704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
  - Recording: at 200 fps total in 4CIF/DCIF/2CIF/CIF/QCIF
  - 16 alarm inputs, 1 relay alarm output
- 

### **1093/049SN** Digital 16-channel video recorder with USB and LAN, Looping, H264 4CIF/QCIF compression

- 16 video composite inputs
  - 16 audio inputs
  - 16 video composite loop-through outputs
  - 2 composite video outputs (MAIN and SPOT)/1 VGA high definition
  - Recording resolution: 704 X 576 4CIF, 528 x 384 DCIF  
704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
  - Recording: at 400 fps total in 4CIF/DCIF/2CIF/CIF/QCIF
  - 16 alarm inputs, 1 relay alarm output
-

**SYSTEM SN DVR COMPARISON TABLE**

	1093/040SN	1093/041SN	1093/044SN	1093/045SN	1093/048SN	1093/049SN
Comp. video inputs	8	16	16	16	8	16
Loop-through	8	16	16	16	8	16
Main output	1 BNC / 1 VGA high definition					
Spot output	1 BNC					
Audio inputs	8	16	16	16	8	16
Audio outputs	1 BNC			2 BNC	1 BNC	
RJ45 network interface	10/100 Mbps			10/100/1000 Mbps	10/100 Mbps	
Viewing	Full screen and multi screen (main) selectable full screen (SPOT)			Full screen and multi screen (main and SPOT)	Full screen ref. Multi screen ref. (main) Selectable full screen ref. (SPOT)	
Recording resolution	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF		4CIF/DCIF/2CIF/CIF/QCIF		
Recording speed	CIF/QCIF real-time 4CIF/2CIF non real time		2CIF/CIF/QCIF real-time 4CIF non real time		4CIF/DCIF/2CIF/CIF/QCIF real time	
Recording mode	Manual/Continuous, Motion detector, Programmed or Alarmed					
Compression algorithm	H.264					
Audio compression	OggVorbis 16 Kbps					
Bit rate	32Kbps~1024Kbps or defined by user			32Kbps~2048Kbps or defined by user		
Motion detector	●					
Event Encoding	●					
VoIP	●					
Watermark	●					
Synchronised playback	●					
USB port management	●					
Live and playback digital zoom	●					
Alarm inputs/outputs	16 inputs / 4 output					
Supported protocols	TCP/UDP/RTP/MULTICAST and NTP					
Sub-stream function	●					
Viewing on mobile phone or PDA	●					
Integrated web browser/client Software	●					
Email on event with attached images	●					
Integrated DVD WRITER	Optional				●	
Hard disk	1 SATA hard disk included (expandable to 8 hard disks without DVD writer)				1 SATA HD included (expandable to 4 HD, with DVD writer)	
HD extract. from front panel	●					
Multiple HD recordings	● (RAID 1)					
USB port	● (for back-up to USB stick, USB Hard Disk, USB CD-RW and DVD-RW)					
PTZ camera control	● (Pelco D protocol)					
On-display menu	●					
Control by means of mouse	●					
System keyboard	●					
IR remote control	NO					
Dimensions	470 x 441 x 90					
Power	230Vca					

● Yes.

## Evolution-SN DVR series **new**

IP-based, the new Evolution-SN range includes 4, 8 and 16 video input devices and employs native network data transmission. Images and supervision functions are displayed on a local monitor, on browser interface or using proprietary Client software provided with the DVR for full device control. Functions include Motion detector, Privacy Zone, Video Loss. Brilliant video stream transmission via LAN or WAN, use of H.264 compression algorithm (the most innovative and high performing codec for video compression) contribute to enhance the global features of a new DVR range specifically designed for installations in which cost-effectiveness and top-class performances are crucial. The new EVOLUTION-SN series is provided with a new case and front panel. It implements the real-time Sub Stream function for displaying video channels on mobile phone or PDA and controlling DVR from control panel.

## EVOLUTION-SN SERIES COMMON FEATURES **new**

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- Full screen and multi-screen display
  - Selectable recording speed
  - Recording mode: continuous, motion detector, programmed or alarm
  - Video compression H264
  - Recording at 25 fps CIF resolution per video channel
  - Motion Detector
  - Remote recording back-up via TCP/IP
  - RS485 communication port
  - RS232 communication port
  - Communication port for control panel interface
  - RJ45 10/100M UTP network interface
  - DVD writer back-up (if provided) and 2 USB 2.0 ports
  - PLUG & PLAY configuration
  - 1 high-resolution VGA output
  - Bit rate frequency: 32Kbps~2048Kbps or customised by user
  - 1 HDD included
  - Max. supported capacity for each HDD SATA installable in DVR equal to 2TB
  - Possibility of connecting up to 4 HDD internal (without DVD writer)
  - Possibility of connecting up to 2 HDD internal (with DVD writer)
  - Possibility of redundant recordings on several hard disks (RAID 1)
  - Digital Zoom Live and Playback
  - Synchronised 8/16 channel playback at the same time 4CIF/DCIF/2CIF/CIF/QCIF resolution
  - Possibility of reading and writing data to USB memory stick
  - Possibility of recording events (Event Encoding) at different resolutions/frame rates with respect to programmed settings
  - NTP Server
  - Email to event with possibility of attaching pictures
  - Front control panel
  - Compatible with Easy Dome (II and III) and Thera
  - NVM PLUS client software included
  - DVR management from 1092/692 system control panel
  - Simplified on-display screen menu with advanced submenus
  - 230Vac power
  - 40W max. consumption (without HDD)
  - Dimensions 390 (W) x 440 (H) x 70 (D) mm
-



1093/064SN



1093/065SN



1093/066SN

## Evolution-SN DVR series **new**

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### **1093/064SN** Digital video recorder codec H.264, 4 channels with USB and LAN

- 4 video composite inputs
- 4 audio inputs
- 4 video composite loop-through outputs
- 1 composite video outputs + SPOT / 1 VGA high definition
- 4 audio inputs on RCA connectors / 1 audio output on RCA connector
- Recording resolution: 704 x 576 4CIF, 704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
- Recording: 100 fps total in CIF/QCIF and 64fps total in 2CIF and 32fps in total 4CIF/DCIF
- 16 alarm inputs, 1 relay alarm output

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### **1093/065SN** Digital video recorder codec H.264, 8 channels with USB and LAN

- 8 video composite inputs
- 4 audio inputs
- 8 video composite loop-through outputs
- 1 composite video outputs + SPOT / 1 VGA High-resolution
- 4 audio inputs on RCA connectors / 1 audio output on RCA connector
- Recording resolution: 704 x 576 4CIF, 704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
- Recording: 200 fps total in CIF/QCIF and 128fps total in 2CIF and 64fps in total 4CIF/DCIF
- 16 alarm inputs, 1 relay alarm output

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### **1093/066SN** Digital video recorder codec H.264, 16 channels with USB and LAN

- 16 video composite inputs
  - 4 audio inputs
  - 16 video composite loop-through outputs
  - 1 composite video outputs + SPOT / 1 VGA High-resolution
  - 4 audio inputs on RCA connectors / 1 audio output on RCA connector
  - Recording resolution: 704 x 576 4CIF, 704 x 288 2CIF, 352 x 288 CIF, 176 x 144 QCIF
  - Recording: 400 fps total in CIF/QCIF and 192fps total in 2CIF and 32fps in total 4CIF/DCIF
  - 16 alarm inputs, 1 relay alarm output
-

**EVOLUTION SERIES COMPARISON TABLE**

	1093/064SN	1093/065SN	1093/066SN
Comp. video inputs	4	8	16
Loop-through	4	8	16
Main output	1 BNC / 1 VGA high definition		
Spot output	1 BNC		
Audio inputs	4 RCA		
Audio outputs	1 RCA		
Viewing	Full screen and multi screen (main) selectable full screen (SPOT)		
Recording resolution	4CIF/2CIF/CIF/QCIF		
Recording speed	CIF/QCIF real-time / 4CIF/2CIF non real time		
Recording mode	Manual/Continuous, Motion detector, Programmed or Alarmed		
Compression algorithm	H.264		
Audio compression	OggVorbis 16 Kbps		
Bit rate	32Kbps~2048Kbps or defined by user		
Motion detector		•	
Event Encoding		•	
VoIP		•	
Watermark		•	
Synchronised playback	4 channels	8 channels	16 channels
USB port management		•	
Live and playback digital zoom		•	
Alarm inputs/outputs	16 inputs/4 outputs		
Supported protocols	TCP/UDP/RTP/MULTICAST and NTP		
Sub-stream function		•	
Viewing on mobile phone or PDA		•	
Integrated web browser/client software		•	
Email on event with attached images		•	
Integrated DVD WRITER		•	
Hard disk	1 SATA hard disk included (expandable to 4 hard disks without DVD writer) (expandable to 2 hard disks with DVD writer)		
Recordings on several hard disks		•	
USB port	2 (for back-up to USB stick, USB Hard Disk, USB CD-RW and DVD-RW)		
PTZ camera control		• (Pelco D protocol)	
On-display menu		•	
Control by means of mouse		•	
System keyboard		•	
IR remote control		•	
Dimensions (W x D x H) mm	390 x 440 x 70		
Power	230Vca		



# IP SOLUTIONS

## DVR Hybrid series **new**

The new Hybrid range consists of three devices (4Ch - 8Ch and 16 Ch video). Based on IP, Hybrid DVR use data transmission network in native mode allowing to manage and record at the same time from analogue camera, IP cameras and IP Megapixel cameras.

The new Hybrid range therefore allows scalability in converting analogue to digital systems and in new designs of digital only solutions with wide use of computer networks for managing, displaying and recording video streams. The high reliability of machines (of embedded and non embedded type, based on PC HW), system performance (capable of recording in 4CIF format at 25fps per video channel), possibility of setting up LAN ports capable of supporting Gbit networks, easy and intuitive management and configuration are only some of the features that the new Hybrid series offers to high-tech video surveillance systems.

## COMMON FEATURES

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- Full screen and multi-screen display
- Selectable recording speed
- Recording mode: continuous, motion detector, programmed or alarm
- H264 video compression based on DSP
- Motion Detector
- Remote recording back-up via TCP/IP
- RS485 communication port
- RS232 communication port
- Communication port for control panel interface
- RJ45 10/100/1000 Mbps network interface
- DVD writer back-up (if provided) and 3 USB 2.0 ports
- PLUG & PLAY configuration
- 1 high-resolution VGA output 1280X1024/60 Hz
- Bit rate frequency: 32Kbps~2048Kbps or customised by user (Max. 6144 Kbps)
- 1 HDD included
- Max. supported capacity for each HDD SATA installable in DVR equal to 2TB
- Front panel with lock and key
- 4 SATA for connecting up to 4 HDD (with DVD writer)
- 8 SATA for connecting up to 8 HDD (without DVD writer)
- Possibility of redundant recordings on several hard disks
- Digital Zoom Live and Playback
- Synchronised 8/16 channel playback at the same time HD720p/4CIF/DCIF/2CIF/CIF/QCIF resolution
- Possibility of reading and writing data to USB memory stick
- Possibility of recording events (Event Encoding) at different resolutions/frame rates with respect to programmed settings
- Email to event with possibility of attaching pictures
- NTP Server
- IP Finder integrated in software with possibility of adding IP Cameras
- Opening front control panel with lock and key
- Compatible with Easy Dome (II and III) and Thera
- NVM PLUS client software included
- Web interface
- Simplified on-display screen menu with advanced submenus
- 230Vac power
- 40W max. consumption (without HDD)
- Dimensions (W x D x H) mm: 450 x 450 x 95

<b>1093/054</b>	<b>HYBRID 4 channel digital video recorder, with USB and LAN</b> Recording at 12.5 fps UXGA resolution, 25 fps HD720p resolution per IP megapixel video channel (max. 2), compression, H 264, HD UXGA non real time 720p/4CIF/DCIF/2CIF real time per video channel, IP, HD SATA.
<b>1093/055</b>	<b>HYBRID 8 channel digital video recorder, with USB and LAN</b> Recording at 12.5 fps UXGA resolution, 25 fps HD720p resolution per IP megapixel video channel (max. 4), compression, H 264, HD UXGA non real time 720p/4CIF/DCIF/2CIF real time per video channel, IP, HD SATA.
<b>1093/056</b>	<b>HYBRID 16 channel digital video recorder, with USB and LAN</b> Recording at 12.5 fps UXGA resolution, 25 fps HD720p resolution per IP megapixel video channel (max. 8), compression, H 264, HD UXGA non real time 720p/4CIF/DCIF/2CIF real time per video channel, IP, HD SATA.

## HYBRID SERIES COMPARISON TABLE

	1093/054	1093/055	1093/056
Comp. video inputs	4	8	16
Loop-through	-		
Main output	1 BNC / 1 VGA high definition		
Spot output	1 BNC		
Audio inputs	4	8	16
Audio outputs	2-ch, BNC(Linear Electric Level, 600Ω)		
RJ45 network interface	10/100/1000 Mbps		
Viewing	Full screen and multi screen (main)/selectable full screen (SPOT)		
Recording resolution	UXGA HD720p/4CIF/DCIF/2CIF/CIF/QCIF		
Recording speed	UXGA no real time HD 720p/4CIF/DCIF/2CIF/CIF/QCIF real time per video channel IP Megapixel 4CIF/DCIF/2CIF/CIF/QCIF real time per video channel IP 4CIF/DCIF/2CIF/CIF/QCIF real time per video channel analogue		
Recording mode	Manual/Continuous, Motion detector, Programmed or Alarmed		
Compression algorithm	H.264		
IP Video INPUT	4 (2 for Megapixel)	8 (4 for Megapixel)	From 8 to 16 (up to 8 for Megapixel) 8 analogue inputs off
Audio compression	OggVorbis 16 Kbps		
Bit rate	32Kbps~2048Kbps or defined by user (Max. 6144 Kbps)		
Motion detector	●		
Event Encoding	●		
VoIP	●		
Watermark	●		
Synchronised playback	●		
USB port management	●		
Live and playback digital zoom	●		
Alarm inputs/outputs	16 inputs/4 outputs		
Supported protocols	TCP/UDP/RTP/MULTICAST and NTP		
Sub-stream function	● (real time)		
Viewing on mobile phone or PDA	●		
Integrated web browser/client SW	●		
Email on event with attached img.	●		
Integrated DVD writer	●		
Hard disk	1 SATA HD included (expandable to 8 or 4 HD, with DVD writer fitted)		
Recordings on several hard disks	●		
USB 2.0 port	3 (for back-up to USB stick, USB Hard Disk, USB CD-RW and DVD-RW)		
PTZ camera control	● (Pelco D protocol)		
On-display menu	●		
Control by means of mouse	●		
System keyboard	●		
IR remote control	●		
Dimensions (W x D x H) mm	450 × 450 × 95		
Power	100~240VAC, 6.3A, 50~60Hz		

● Yes.

## NVR (Network Video Recorder) **new**

The new NVR (Network Video Recorder) 1093/110 is IP technology based and uses in native mode data transmission networks for managing and recording from IP and Megapixel cameras at the same time. The new NVR 1093/110 can therefore be used to create fully scalable IP solutions, reducing costs and providing highly qualified system performance.

The high reliability of the machine (embedded and not based on PC HW), the system performance (can record in 4CIF format at 25fps per video channel), the possibility of managing video streams using a single network interface, easy, user-friendly management and configuration, SW compatibility with all Urmet R-Evolution, Evolution, System, DVS, IP camera and Megapixel camera devices are only some of the many features that the new NVR offers for high-tech systems and video surveillance systems.



1093/110

### FEATURES

	 1093/110
Compression algorithm	H.264
Playback resolution	up to 720 p
IP camera inputs	4x4CIF IP camera or 2xUXGA IP camera
Video output	1-ch, BNC (1.0Vp-p, impedance: 75Ω)
Max. frame rate	100FPS
HDD interface	1 HD SATA included (supports 1 HDD SATA to 2000GB max)
Network interface	1 RJ45 10M/100M Self-adaptive Ethernet Interface
USB interface	2 USB2.0
Alarm inputs	4
Alarm outputs	1
Dual stream	●
Power	12Vcc
Maximum consumption	10W (without HD)
Operating temperature range	-10°C~+55°C
Dimensions (W x D x H) mm	315 x 230 x 45

● Yes.

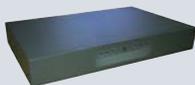
## H. 264 VIDEO SERVER

IP-based (hence the name DVS Digital Video Server), the 1093/080 and 1093/084 video server uses native data transmission networks. DVS 1093/080 and 1093/084 are network interfaces capable of digitising and compressing images from one or more analogue video sources and sending them on a network. Thanks to the new DaVinci™ processor, very high quality images can be digitised (up to 4CIF) with incredibly high fluidity. In addition to Web Browser functions and Client software (included), the video servers are compatible with NVM and NVM PLUS video control and centralisation software.

The new 1093/080 DVS is provided with a SD slot for locally storing events. The new DVS 1093/084 has the compact dimensions of R-Evolution DVR and is provided with a special case without front panel, 4 video inputs, 1 composite video output and one SPOT output, standard SATA HD, 4CIF resolution in real time per video channel (recording), USB 2.0 for back-up and accessories (DVD, mouse), standard mouse for advanced management control (including PTZ device control with Pelco D protocol), management/programming with DVR via client software (included) and/or via Browser.



1093/080



1093/084

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- 📺 **1093/080 new** Video Server H.264, 4 CIF, 1 channel, 25 fps recording with 4CIF resolution per video channel, 4CIF/DCIF/2CIF/CIF/QCIF real time

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  - 📺 **1093/084 new** Video Server H.264, 4 CIF, 4 channels, 25 fps recording with CIF resolution for video channel, CIF/QCIF real time and 4CIF/DCIF/2CIF no real time, HD SATA (not included)
-

**VIDEO SERVER H264 COMPARISON TABLE**

	1093/080	1093/084
Composite video inputs	1 BNC	4 BNC
Audio inputs	1 Jack	1 RCA
Audio outputs	1 Jack	1 RCA
Main output	-	1 BNC
Spot output	-	1 BNC analogue
VGA outputs	-	1 (High-resolution)
Compression resolution	4CIF/DCIF/2CIF/CIF/QCIF	
Recording speed	4CIF/DCIF/2CIF/CIF/QCIF real time	CIF/QCIF real-time 4CIF/DCIF/2CIF non real time
Recording mode	Continuous, Motion detector, Programmed or Alarmed	Manual/Continuous, Motion detector, Programmed or Alarmed
Display on screen	-	Full screen and multi screen (main) / selectable full screen (SPOT)
Compression algorithm	H.264	
Streaming type	Video or Audio & Video	
Audio compression	OggVorbis 16 Kbps	
Bit rate	32Kbps~2Mbps (self-defined)	
Communication ports	1 port RJ45 10/100M UTP per network – 1 port RS485	1 port RJ45 10/100M UTP per network – 1 port RS485
Supported protocols	TCP/UDP/RTP/MULTICAST	TCP/UDP/RTP/MULTICAST and NTP
Motion detector		●
Email on event with attached img.	-	●
Event Encoding	-	●
Live and playback digital zoom	-	●
PLUG & PLAY configuration	-	●
VoIP		●
Watermark		●
Alarm inputs/outputs	1 input / 1 relay output	4 inputs/1 relay output
Supported protocols	TCP/UDP/RTP/MULTICAST	
Sub-stream function	● (real time)	
Control by means of mouse	-	●
USB port	-	● (for back-up to USB stick, USB Hard Disk, USB CD-RW and DVD-RW)
On-display menu	-	●
System keyboard	-	
Integrated DVD writer	-	
Viewing on mobile phone or PDA		●
Integrated web browser/client SW		●
SD-CARD slot	● SD-Card slot (not included)	-
Hard disk	-	1 SATA hard disk (excluded)
IR remote control	-	●
PTZ camera control	● (Pelco D protocol)	
Operating temperature range	-10°C ~ +55°C	
Dimensions	107 x 82 x 56	315 x 230 x 45
Power	12Vdc (power supply 12Vdc-100~240Vac included) - Consumption 40W max	

# IP CAMERA

The Urmet Domus IP cameras uses a digital module which includes a video encoder with a new TI Davinci processor (proprietary codec H.264) and network interface, inserted inside the cameras themselves.

These cameras are suitable for used in small-to-medium systems and systems using NVM PLUS management and centralisation software.

Flexibility, scalability, versatility and system cost-effectiveness are the main advantages of the new Urmet Domus IP cameras in a CCTV system.

The range is completed with the introduction of the new IP 1093/081HP and 1093/081HW cameras equipped with PoE and wireless integrated power supply.



1093/081S



1093/081M

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 **1093/081S** IP H.264 camera - 420TVL resolution

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 **1093/081M** IP H.264 camera - 420TVL resolution

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**new** **1093/081HP** IP camera, H 264, 540TVL resolution, recording at 25 fps with 4CIF resolution per video channel, CIF/DCIF/2CIF/CIF/QCIF real time, PoE power supply

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**new** **1093/081HW** IP camera, H 264, 540TVL resolution, recording at 25 fps with 4CIF resolution per video channel, 4CIF/DCIF/2CIF/CIF/QCIF real time, integrated wireless

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## IP CAMERA COMPARISON TABLE

	1093/081S	1093/081M	1093/081HP	1093/081HW
Analogue video resol.	420TVL	480TVL	540TVL	
Camera Sensor	1/3" Sony Super HAD			
Minimum light	0.2lux/F1.2			
Autoiris	DC-Driver			
Lens attachment	C/CS			
Comp. video inputs	1 BNC			
Comp. video inputs (for calibration)	1 BNC			
Audio inputs	1 Jack			
Audio outputs	1 Jack			
Frame rate	25fps			
Compression resolution	4CIF/DCIF/2CIF/CIF/QCIF		4CIF/DCIF/2CIF/CIF/QCIF real time	
Viewing	Web browser IE, SW client, mobile phone or PDA			
Compression algorithm	H.264			
Streaming type	Video or Audio & Video			
Audio compression	OggVorbis 16 Kbps			
Bit rate	32Kbps~2Mbps (self-defined)			
Communication ports	1 port RJ45 10/100M UTP per network / 1 port RJ45 RS232		1 port RJ45 10/100M UTP per network	
Motion detector	●			
VoIP	●			
Watermark	●			
Alarm inputs/outputs	1 input / 1 relay output			
Supported protocols	TCP/UDP/RTP/MULTICASTDHCP/PPPoE and HTTP			
Dual-stream function	●			
Viewing on mobile phone or PDA	●			
PoE (803.AF standard)	-		●	-
Wireless		-		802.11g
Integrated web browser	●			
SD-CARD slot	● SD-Card slot (not included)			
Weight	600			
Operating temperature range	-10°C ~ +55°C			
Power	12Vcc - consumption 350mA (recommended power supply 1092/800)			

● Yes.

## MEGAPIXEL CAMERAS **new**

The new IP Megapixel camera series mainly consists of two types of products with a different application approach and similar performance.

Characterised by a 1/3" progressive scan sensor with 1.3 Megapixel resolution, Day & Night functions using IR Cut filter for professional, optimal managing of lighting conditions, Autoiris input for using autoiris lenses, Dual Stream function for independent management of recorded video and transmitted video flows on network and optimal bandwidth management, codec H.264, high capacity SD memory medium for local recordings (programmed and alarmed) the new IP Megapixel cameras are perfect for use in systems with management/centralisation SW and NVMplus storage.

Additional functions, such as E-PTZ (virtual Pan-Tilt-Zoom on CCD), PoE (Power over Ethernet), VOIP (Voice over IP) and simple, user-friendly OSD menu, flexibility, scalability and cost-effectiveness are the main advantages of the new IP Megapixel range.



1093/181M11

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 1093/181M11 IP D/N camera, H 264, 1.3 Megapixel, recording at 25 fps with HD720p resolution (1280x720) Power 12Vdc/24Vac

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1093/182M11 IP D/N mini dome, vandal-proof camera, H 264, 1.3 Megapixel, recording at 25 fps with HD720p resolution (1280x720) Power 12Vdc/24Vac

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## MEGAPIXEL CAMERA COMPARISON TABLE

	1093/181M11	1093/182M11
Max. analogue video resolution	1280 (H) × 960 (V), 1.3M CCD	
Camera Sensor	1/3' SONY progressive scan CCD	
Minimum light	Colour: 0.1Lux @ F1.2 - B/W: 0.01Lux @ F1.2	
Auto-iris	DC Drive or Video Drive	3.3-12mm / Auto Iris lens
Day/Night	ICR	
Lens attachment	C / CS mount	-
Comp. video inputs	-	
Comp. video inputs (for calibration)	1Vp-p composite output (75Ω/BNC)	1Vp-p composite output (75Ω/BNC)
Audio inputs	1 channel 3.5mm audio interface (2.0 ~ 2.4Vp-p, 1kΩ)	
Audio outputs	1 channel 3.5mm audio interface audio (Line level, 600Ω)	
Compression resol.	H.264	
Registration resolution	1280 × 960 (UXGA) / 1280 × 720 (HD720p) / 640 × 480 (VGA)	
Recording speed	12.5fps (1280 × 960) / 25fps (1280 × 720) / 25fps (640 × 480)	
Viewing	PC full screen	
Streaming type	Video / Video & Audio	
Audio compression	OggVorbis	
Bit rate	32 K ~ 2M, adjustable (max. 8Mbps)	
Communication ports	1 RJ45 10M / 100M self-adaptive Ethernet port and 1 RS-485 interface	
Motion detector	●	
VoIP	●	
Watermark	-	
Alarm inputs/outputs	1 input/1 output	
Supported protocols	TCP/IP,DHCP,DNS,RTP, PPPoE	
Sub-stream function	●	
Viewing on mobile phone or PDA	●	
PoE (803.AF standard)	●	
Integrated web browser/client software	●	
SD-CARD slot	●	
ePTZ	●	-
Weight	600	1400
Dimensions (mm)	68.5 (W) × 63 (D) × 157.5 (H)	Ø 156 × 134.5
Operating temperature range	-10°C ~ 60°C	
Power	AC24V / DC12V, PoE (Power over Ethernet)	

● Yes.

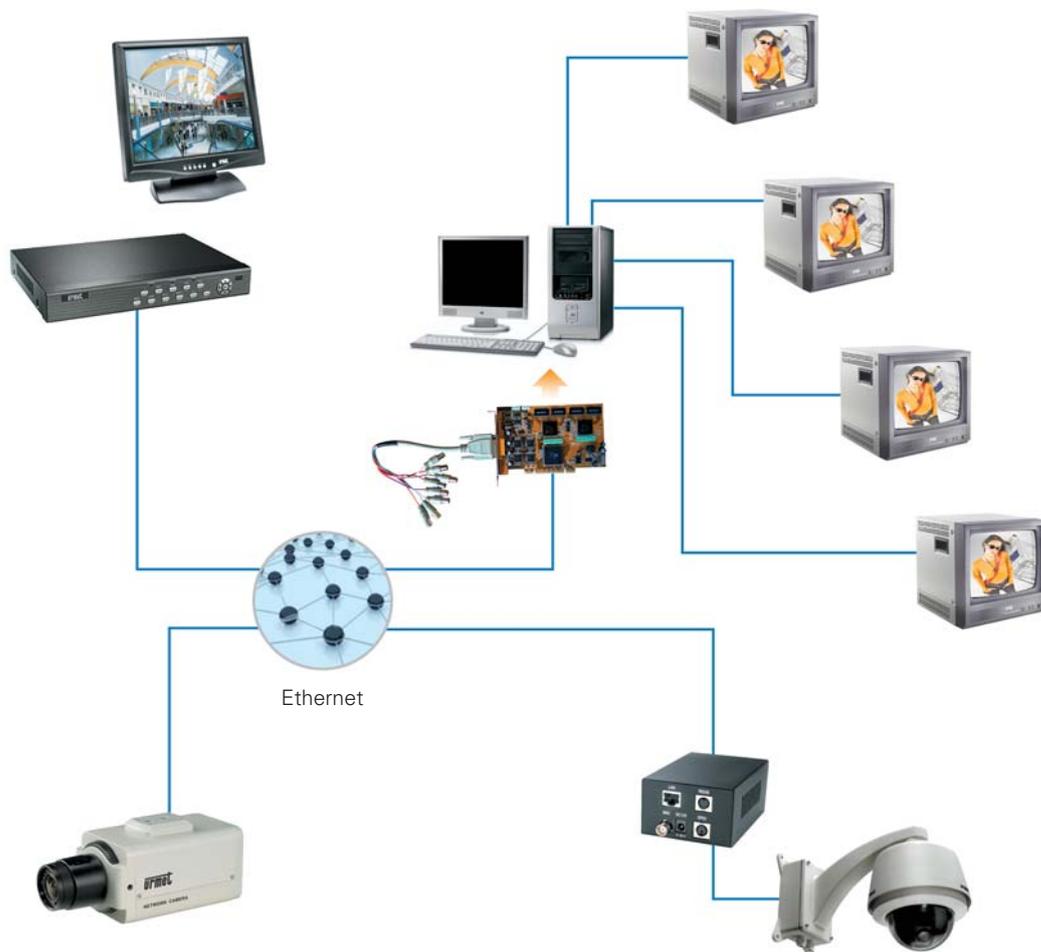
## PC CARDS

### 1093/200

#### Matrix Board 4 video outputs

The PC Matrix Decode Board can be used to create digital and video and LAN network matrixes. Installed on a common PC, it is capable of decoding up to 8 H.264 audio/video streams from various sources (DVR, DVS and Urmet Domus IP Camera) via network.

- 4 BNC video outputs (1.0Vp-p, 75 Ω)
- 4 BNC audio outputs (linear output 600 Ω)
- Consumption 7.5W
- Frame rate: 25fps
- Decoding capacity 4 Ch / 4CIF or 8 Ch / DCIF-2CIF-CIF-realtime
- Working temperature range: -10°C +50°C
- Minimum system requirements:
- Operating system: Windows2000/XP/Server2003
- CPU: Intel series
- Motherboard: Intel 845 / 865 /915/925/945 Chipset
- RAM: 512MB or higher
- Video board:
- NVIDIA GeForce Mx400/440/4000 or higher
- FX 5200/5600 GeForce 6600 or higher
- ATI Radeon 7000/7500/8500/9000/9200/9550/9600 or higher
- ATI X300/X550/X700/X1300/X1600 or higher
- Intel 845G/865G/915G integrated Graphics Controller



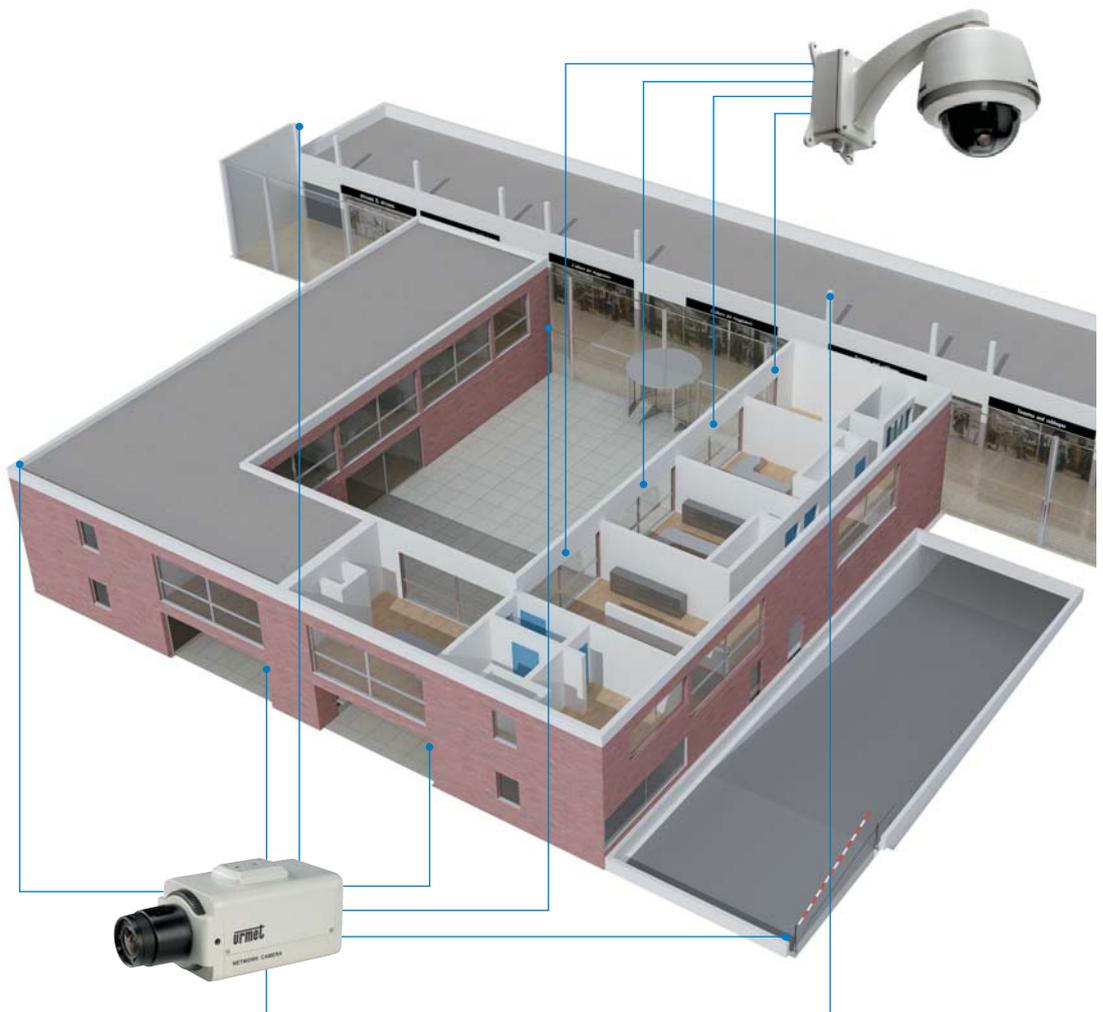
# CONTROL SOFTWARE

## The versatility of a solution **new**

### Video centralisation software

A system in its most generic form is a complex, given set of various functional elements, connected together to form an organic, characteristic whole. When a number of video camera and management devices are introduced in a specific installation and the video stream needs to be viewed from one or more, both local and remote stations, one can certainly speak of a video surveillance system. An interesting aspect of such systems is in the possibility of centralising the streams to reduce the costs of local control rooms and optimise the operability, attention and efficiency of the operators.

Unquestionably, in order to reach this result, the system must be designed with great care, devoting consideration to the choice of devices and corresponding accessories. The control area must be rationally designed establishing which and how many additional devices are needed. The highest contribution (in terms of resulting performance) for video centralisation is certain given by centralisation software. The main features of the two centralisation software types are illustrated below: the first is suitable for medium systems and the second is dedicated to large systems.



## SW NVM (Network Video control) for medium sized system centralisation

This system can be used to centralise various video devices on a single software platform. The intelligent management of alarms using interactive multi-level graphic maps extends the advanced video surveillance management capabilities, as well as remote alarm supervision options.

- Surveillance system over IP
- Advanced multi-screen (up to 100 video streams which can be displayed at the same time)
- Two-way audio connections.
- Integrated chat for communications between operators in various stations
- Multiple users, multiple rights
- Cameras managed in groups
- PTZ control interface
- Interactive graphic maps for:
  - Navigation
  - Automatic pop-up in case of alarm
- Sensor and actuator management
- Channel sequence cycles
- Playback and saving recordings on remote DVR to PC
- Total management of installed hardware configuration parameters
- Easy Dome management/configuration
- Possibility of recording displayed video channels directly on PC

## NVM PLUS control software

NVMS (Network Video control Software) for centralising large systems.

NVM PLUS software is designed for professional applications and for managing and centralising CCTV system video in medium-to-large size CCTV systems. It consists of a Client module for managing/monitoring the entire system, for direct viewing (max. 64 video streams can be viewed at the same time) or viewing via interactive graphic maps. The NVM PLUS software also comprises three major video streaming control-distribution-recording modules: Streaming Server and Storage Server. NVM PLUS software is characterised by its functions, its scalability, its easy use and the possibility of integrating multibrand components and systems (which solution must be evaluated on the basis of specific system needs).

- Surveillance system over IP
- Up to 64 video streams displayed at the same time.
- Multi-screen viewing types
- Two-way audio connection via network (VOIP)
- Integrated chat: for communications between operators in various stations
- Multiple users, multiple rights
- Cameras managed in groups
- Control interface/speed dome management
- Interactive graphic maps for:
  - Navigation
  - Automatic pop-up in case of alarm

## NVM PLUS control software

- Sensor and actuator management
- Instant playback function for immediately viewing alarm events
- Playback and saving of recordings to PC present on remote device memory medium (DVR, DVS and IP cameras)
- Full management of installed device configuration parameters
- Compatibility with Matrix Decode Board devices (for advanced management in virtual matrix mode)
- Media Streaming Server module for displaying the video streams from several stations via Internet connection at the same time
- Storage Server module for recording video streams (viewed and not) to dedicated server
- Dual Monitor viewing
- Channel sequence cycles

### Further information

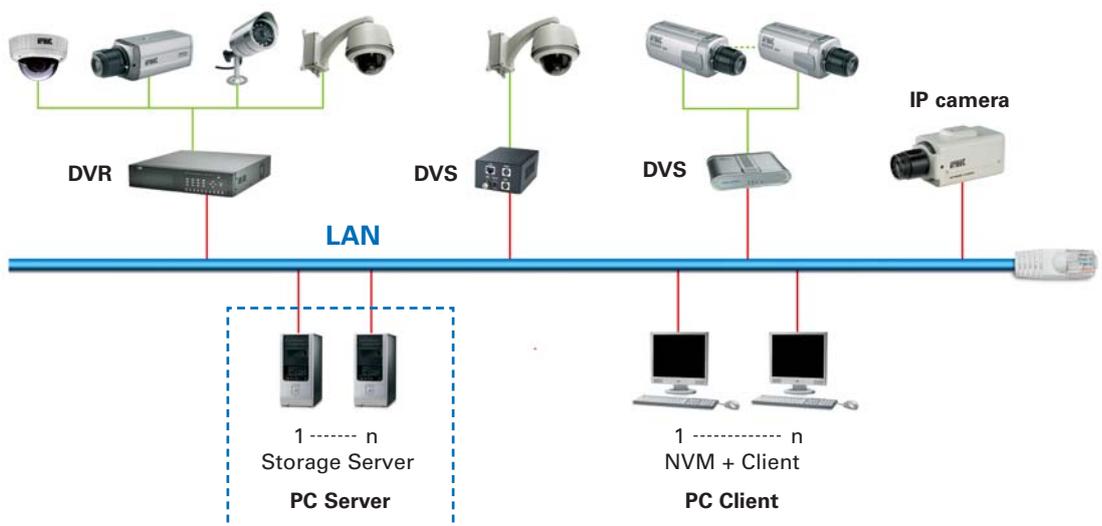
The NVM PLUS software consists of two software modules: Streaming server and Storage Server. The main features of these modules are described below.

#### Streaming Server

The Streaming Server module is useful for reducing the number of network connections directed to the video recording device which various operators can access at the same time.

#### Storage Server

The Storage Server module is useful for recording a programmable list of video streams from the system on dedicated servers.





# VIDEO TRANSMISSION



Video transmission via UTP wire



Wireless video transmission



Multiband network video signal transmissions

From video transmission on UTP cable (balun devices) to two wireless solutions, remote wave or via Multiband radio network: Urmet technology offers three different solutions for managing the best system design for your needs.

## CAT5 VIDEO TRANSMISSION

Video balun (Balanced-Unbalanced) devices exploit UTP CAT5 twisted wires for transmitting video signals. The great advantages of this type of transmission with respect to coax cable installations include further wiring distances (max. 3000 m), easy procurement of CAT5 cable, possibility of using a single wire for transmitting 4 video signals (by means of the four twisted pairs contained in the CAT5 wire), higher lightning and electromagnetic induction immunity. Easy, cost-effective installation - combined with high-performance products - make the Urmet Domus Balun range an ideal solution for all system types.



1092/300A

### 1092/300A

#### Passive balun TX/RX video pair

Pair of passive balun videos (without signal amplification) allow to adapt the impedance between coax and UTP cable. They are particularly suitable for transmitting and receiving video signals (black and white or colour) on UTP (Unshielded Twisted Pair) wires.

- Compact dimensions for rapid connection to video control apparatuses, monitors and cameras.
- 1 BNC video input and terminal board for connecting to UTP CAT5 wire
- Very easy to use
- No power needed.
- Double impedance and interference filter for ensuring better protection from interference.
- Pair of transceivers included



1092/301

 **1092/301**

**Passive balun TX/RX video pair with remote power supply**

Passive balun videos (without signal amplification) with remote camera power connectors adapt the impedance between coax and UP cable. They are particularly suited for transmitting and receiving video signals (either black and white or colour) and remotely powering on UTP (Unshielded Twisted Pair) wire.

- Compact dimensions for rapid connection to video control apparatuses, monitors and cameras.
- 1 BNC video input and RJ45 connector for connecting to UTP CAT5 wire
- Very easy to use
- No power needed by the device
- Remote power input/output.
- Double impedance and interference filter for ensuring better protection from interference.
- Pair of transceivers included.



1092/302

 **1092/302**

**Active balun video transmitter (1 channel)**

Active balun video transmitters (with signal amplification) for adapting impedance between coax and UP cable. They are particularly suitable for transmitting video signals (black and white or colour) on UP (Unshielded Twisted Pair) wires for distances further than 1200 metres.

Suitable for use with active receivers 1092/303, 1090/304 or 1092/316.

- Compact dimensions for rapid connection to video control apparatuses, monitors and cameras.
- 1 BNC video input (female) and terminal board for connecting to UTP CAT5 wire
- Very easy to use
- Signal amplification gain level adjustment and three-level signal transmission.
- Double impedance and interference filter for ensuring better protection from interference.
- Ready to be wall-mounted.
- Power 12Vdc - max 80 mA (power unit not included).



1092/303

 **1092/303**

**Active balun video receiver (1 channels)**

Active balun video receivers (with signal amplification) adapt the impedance between coax and UP cable. They are particularly suitable for receiving video signals (black and white or colour) on UP (Unshielded Twisted Pair) wires on distances further than 1200 metres.

Suitable for use with passive transceiver 1092/300 or active transmitter 1092/302.

- Compact dimensions for rapid connection to video control apparatuses, monitors and cameras.
- 1 BNC video output (female) and terminal board for connecting to UTP CAT5 wire
- Very easy to use
- Video signal equalisation dip switch (definition and contrast).
- Video signal level adjustment potentiometer (brightness).
- Double impedance and interference filter for ensuring better protection from interference.
- Ready to be wall-mounted.
- Power 12Vdc - max 80 mA (power unit not included).



1092/304

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 **1092/304**

**Active balun video receiver (4 channels)**

Active balun video receivers (with signal amplification) allow to adapt the impedance between coax and UP cable. They are particularly suitable for receiving up to 4 video signals (black and white or colour) on UP (Unshielded Twisted Pair) wires. Suitable for use with passive transceiver 1092/300 or active transmitter 1092/302.

- Compact dimensions for rapid connection to video control apparatuses, monitors and cameras.
- 4 BNC female outputs, terminal board and RJ45 connector for UTP CAT5 wire input
- Very easy to use
- Video signal equalisation dip switch (definition and contrast) on each channel
- Video signal level adjustment potentiometer (brightness) on each channel
- Double impedance and interference filter for ensuring better protection from interference.
- UTP signal input on terminal board or RJ45 connector
- Ready to be wall-mounted.
- Power 12Vdc - max 80 mA (power unit not included).



1092/316

---

 **1092/316**

**Active balun video receiver (16 channels)**

Active balun video receivers (with signal amplification) allow to adapt the impedance between coax and UP cable. They are particularly suitable for receiving up to 16 video signals (black and white or colour) on UP (Unshielded Twisted Pair) wires. Suitable for use with passive transceiver 1092/300 or active transmitter 1092/302.

- Compact dimensions for rapid connection to video control apparatuses, monitors and cameras.
  - 16 BNC loop-through female outputs and 4 RJ45 connectors for UTP CAT5 wire input
  - Very easy to use
  - Video signal equalisation dip switch (definition and contrast) on each channel
  - Video signal level adjustment potentiometer (brightness) on each channel
  - Double impedance and interference filter for ensuring better protection from interference.
  - Signal input available on RJ45 connector
  - 230Vac power
-

## WIRELESS REMOTE WAVE VIDEO TRANSMISSION



1094/001T



1094/001R



1094/050



1094/051

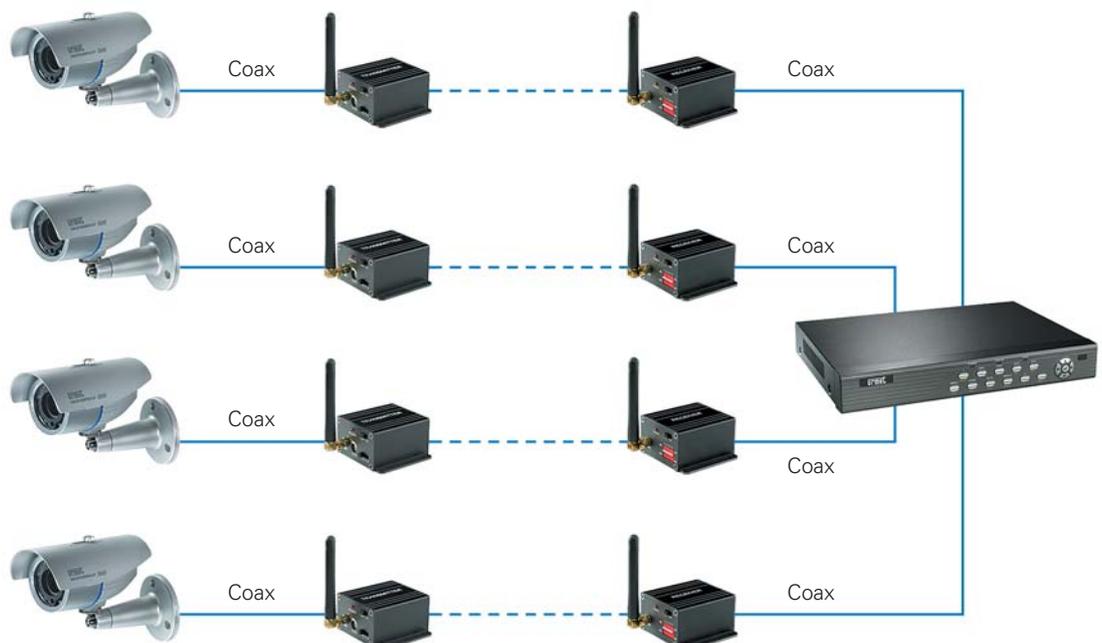
- 1094/001T** REMOTE WAVE series 2.4 GHz wireless video transmitter
- Output power level: 100mA max.
  - Video input: 1Vpp @75ohm to RCA connector;
  - Audio input: 1Vpp @600ohm to RCA connector
  - Power: 12Vdc / 300 mA

- 1094/001R** REMOTE WAVE series 2.4 GHz wireless video receiver
- Sensitivity: -85dbm
  - Video output: 1Vpp @75ohm to RCA connector and BNC
  - Audio output: 1Vpp @600ohm to RCA connector
  - Video resolution: Max. 400TVL
  - Power: 12Vdc / 300 mA

- 1094/050** REMOTE WAVE series panel antenna
- Frequency range: 2400~2500 MHz
  - Impedance: 50 ohm
  - Gain: 8 dBi
  - Polarisation: vertical
  - Directivity: horizontal lobe 60°, vertical lobe 50°
  - Terminal: SMA male connector
  - Dimensions: 175 (W) x 120 (H) x 28 (D) mm

- 1094/051** REMOTE WAVE series stylus antenna
- Frequency range: 2400~2500 MHz
  - Impedance: 50 ohm
  - Gain: 7 dBi
  - Polarisation: vertical
  - Directivity: omnidirectional
  - Terminal: SMA male connector
  - Dimensions: 310 (H) x 60 Ø mm

REMOTE WAVE series is recommended for installations in free space with range not exceeding 100 m.



**NOTE:** the Remote Wave system works in the ISM 2.4 GHz radiofrequency range, the same of Wi-Fi and Bluetooth devices, audio video repeaters, microwave ovens. etc. These devices may therefore interfere with the system. Follow the instructions contained in the instruction manual for correct operation.

## MULTIBAND WIRELESS DEVICES FOR DIGITAL TRANSMISSION

### Wireless 802.11 - Airnet Series **new**



1094/100



1094/101



1094/102



1094/103

-  **1094/100** **Dual-band 2.4/5.4 GHz radio device with integrated antenna**  
 Dual-band radio device 2.4/5.4 GHz which can be used as CPE (direct connection of one or more cameras with a maximum guaranteed pass-band of approximately 5 Mbit/s) with integrated antenna (gain 12 dBi at 2.4 GHz and 15 dBi at 5.4 GHz). Used for point-to-point connections. IP65. Use as Access Point is not recommended. Composition: CPE + PoE.
-  **1094/101** **Dual-band 2.4/5.4 GHz radio device with external antenna**  
 Dual-band 2.4/5.4 GHz radio apparatus which can be used as AP, Repeater, CPE (direct connection of one or more cameras with a maximum guaranteed pass-band of approximately 20 Mbit/s and AP functions) with external antenna. Used for point-to-point and point-to-multipoint connections. Composition: CPE + PoE + external antenna as required (external antenna needed). IP67.
-  **1094/102** **Single-band 2.4/5.4 GHz radio device with integrated antenna**  
 Single-band radio device 5.4 GHz which can be used as CPE, Repeater (direct connection of one or more cameras with a maximum guaranteed pass-band of approximately 20 Mbit/s) with integrated antenna (gain 23 dBi at 5.4 GHz). Used for point-to-point and point-to-multipoint connections. IP67. Composition: CPE 23dBi + Poe.
-  **1094/103** **Dual-band 2.4/5.4 GHz radio device with double interface and external antenna**  
 Double interface, dual-band 2,4/5.4 GHz radio apparatus which can be used as AP, Repeater or CPE (direct connection of one or more cameras with a maximum guaranteed pass-band of approximately 20 Mbit/s) with external antenna. Used for point-to-point and point-to-multipoint or repeater connections. IP67. Composition: CPE/AP + Poe (requires one or more external antennas).
- new 1094/150** **Radio kit, 5.4 GHz with 16dBi integrated antenna and alignment LED**  
 Pair of radios which can be used to create a point-point connection (direct connection of one or more cameras with a maximum guaranteed pass-band of approximately 16 Mbit/s) with integrated antenna (gain 16 dBi at 5.4 GHz). IP67 Composition: 2 CPE + 2 PoE + 2 bracket kits for tilting devices.

### External antennas for Airnet series **new**

<b>1094/301</b>	Omnibearing antenna vertical polarisation 2.4 GHz 12dB Beam Width of 7°V x 360°H
<b>1094/302</b>	Sectorial antenna vertical polarisation 5.4 GHz 17dB Beam Width of 120° H
<b>1094/303</b>	Sectorial antenna vertical polarisation 5.4 GHz 18dB Beam Width of 90° H
<b>1094/304</b>	Sectorial antenna vertical polarisation 5.4 GHz 19dB Beam Width of 60° H
<b>1094/306</b>	Panel antenna 5.4 GHz 19dB Beam Width of 16°V x 16°H
<b>1094/307</b>	Parabolic antenna 5.4 GHz 29dB Beam Width of 4°V x 4°H
<b>1094/308</b>	Omnibearing antenna vertical polarisation 5.4 GHz 12dB Beam Width of 7°V x 360°H

>> Continue

## AIRNET SERIES TECHNICAL FEATURES

Supported protocols									
Routing and management protocols TCP/IP protocol: Firewall and NAT -, port range, IP protocol (ICMP type, TCP flags and MSS), ToS (DSCP) byte									
Data Rate Management - Hierarchical HTB QoS system with bursts; per IP / protocol / subnet / port / firewall mark; PCQ, RED, SFQ, FIFO queue; CIR, MIR, contention ratios, dynamic client rate equalizing (PCQ), bursts, Peer-to-Peer protocol limitation									
Point-to-Point tunnelling protocols - PPTP, PPPoE and L2TP; PAP, CHAP, MSCHAPv1 and MSCHAPv2; RADIUS authentication; MPPE encryption; PPPoE; data rate limitation; differentiated firewall;									
DHCP - DHCP server; DHCP relay; DHCP client; DHCP multiple networks; RADIUS support									
Simple tunnels - IPIP tunnels, EoIP (Ethernet over IP) IPsec - IP security AH and ESP; MODP Diffie-Hellman 1,2,5; Hashing algorithms MD5; encrypting algorithms DES, 3DES, AES-128, AES-192, AES-256; Perfect Forwarding Secrecy (PFS) MODP 1,2,5 3									
<b>Output power / receiver sensitivity</b>	<table border="1"> <thead> <tr> <th>RADIO STANDARD</th> <th>BOOSTER RADIO</th> </tr> </thead> <tbody> <tr> <td>IEEE 802.11a: 17dBm/-88dBm @ 6Mbps 13dBm/-71dBm @ 54Mbps</td> <td>IEEE 802.11a: 24dBm / -90dBm @ 6Mbps 19dBm / -70dBm @ 54Mbps</td> </tr> <tr> <td>IEEE 802.11b: 19dBm/-95dBm @ 1Mbps 19dBm/-90dBm @ 11Mbps</td> <td>IEEE 802.11b: 25dBm / -92dBm @ 1Mbps 25dBm / -87dBm @ 11Mbps</td> </tr> <tr> <td>IEEE 802.11g: 18dBm/-90dBm @ 6Mbps 15dBm/-73dBm @ 54Mbps</td> <td>IEEE 802.11g: 25dBm / -90dBm @ 6Mbps 20dBm / -70dBm @ 54Mbps</td> </tr> </tbody> </table>	RADIO STANDARD	BOOSTER RADIO	IEEE 802.11a: 17dBm/-88dBm @ 6Mbps 13dBm/-71dBm @ 54Mbps	IEEE 802.11a: 24dBm / -90dBm @ 6Mbps 19dBm / -70dBm @ 54Mbps	IEEE 802.11b: 19dBm/-95dBm @ 1Mbps 19dBm/-90dBm @ 11Mbps	IEEE 802.11b: 25dBm / -92dBm @ 1Mbps 25dBm / -87dBm @ 11Mbps	IEEE 802.11g: 18dBm/-90dBm @ 6Mbps 15dBm/-73dBm @ 54Mbps	IEEE 802.11g: 25dBm / -90dBm @ 6Mbps 20dBm / -70dBm @ 54Mbps
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<b>Transfer Data Rate</b>	802.11b: 11,5.5,2,1 Mbps, auto-fallback 802.11g (Normal mode): 54,48,36,24,18,12,9,6 Mbps, auto-fallback 802.11g (Turbo mode): 108,96,72,54,48,36,24,18,12 Mbps, auto-fallback 802.11a (Normal mode): 54,48,36,24,18,12,9,6 Mbps, auto-fallback 802.11a (Turbo mode): 108,96,72,54,48,36,24,18,12 Mbps, auto-fallback								
<b>Supported IEEE standards</b>	802.11a and 802.11h at 5Ghz and 802.11b and 802.11g at 2.4 Ghz								
<b>Frequencies</b>	2.312 – 2.497 Ghz (5 Mhz step) and 4.920 – 6.100 (5 MHz or multiple steps)								
<b>Safety</b>	Hardware: WEP at 64 and 128 bit; TKIP and AES-CCM cryptography; 802.1x WPA authentication								
<b>Modulation</b>	802.11b+g: DSSS, OFDM by data rate >30Mbps - 802.11a: OFDM								

## AIRLINK RANGE **new**

The new wireless-WAN routers combine the functionality and features needed to set up efficient UMTS internet access all in one, while protecting the LAN and ensuring wireless connections (if available).

Using USB 3G key (UMTS/HSPA/GPRS/EDGE) SIM Card, the device connects to the internet on demand or permanently via the cell phone network.

Wireless-WAN devices may be used for:

- mobile applications
- installations in geographic areas not served by ADSL where operators provided UMTS/HSPA/GPRS/EDGE connectivity
- installations which cannot be provided with other wired internet network access
- as backup for a standard ADSL network.

VPN (Virtual Private Network) support offers LAN access also to remote users (single Clients or entire LAN) in safe or date encrypted manner.

The increasing diffusion of the 3G standard and the faster available speed, UMTS/HSPA is a valid alternative to broadband connectivity. 3G HSDPA and HSUPA can reach speeds of up to 7.2 Mbps (download) and up to 5.76 Mbps (upload), which are very comparable or even better than those of an ADSL line.

This allows to manage classic applications and video streaming. Performance only depends on the type of 3G key, the operator and the available coverage.

Furthermore, when used with Urmet Domus DVR, in case of alarm, the devices can send text messages specifying the device which generated the alarm. Internet connection (if not permanent) can be activated by sending a text message to the device indicating the connection time or alternatively the device may be automatically operated for a given time.

Wireless-WAN routers provide further protection via internal Firewall with various integrated security functions.

Protected interconnections with other networks or computers can be established using the internet guaranteeing safety and confidentiality of the data on "public" network using VPN (Virtual Private Networks), encryption and IPsec or L2TP/PPTP protocols.

Wireless-WAN routers support advanced internet functions, such as Virtual Server, Dynamic DNS and Email check.

Where present, Wireless 802.11a/b/g Access Point supports WEP/WPA and WPA2 encryption protocols, Hide SSID and MAC Filtering, in addition to Wireless Distribution System (WDS) functions. The wireless section must may be deactivated.

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**1094/200**

**3G Router (3G SIM Card and key not included)**

3G Router for internet connections via a 3G data connection. The 3G data key must be compatible with the router and is not included. Use of SIM cards allowing "free" uplink flow is recommended.

The device must be used indoors.

Composition: 1 3G Router 1 power supply unit.

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**1094/201**

**3G Wireless Router 802.11 a/b/g (3G SIM Card and key not included)**

3G wireless router for internet connections via 3G data connection and WiFi connection (802.11 a/b/g) via integrated access point. The 3G data key must be compatible with the router and is not included. Use of SIM cards allowing "free" uplink flow is recommended. The device must be used indoors. Composition:

1 3G Router 1 power supply unit + 1 indoor antenna for 2.4Ghz connections.

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## COMMON TECHNICAL FEATURES

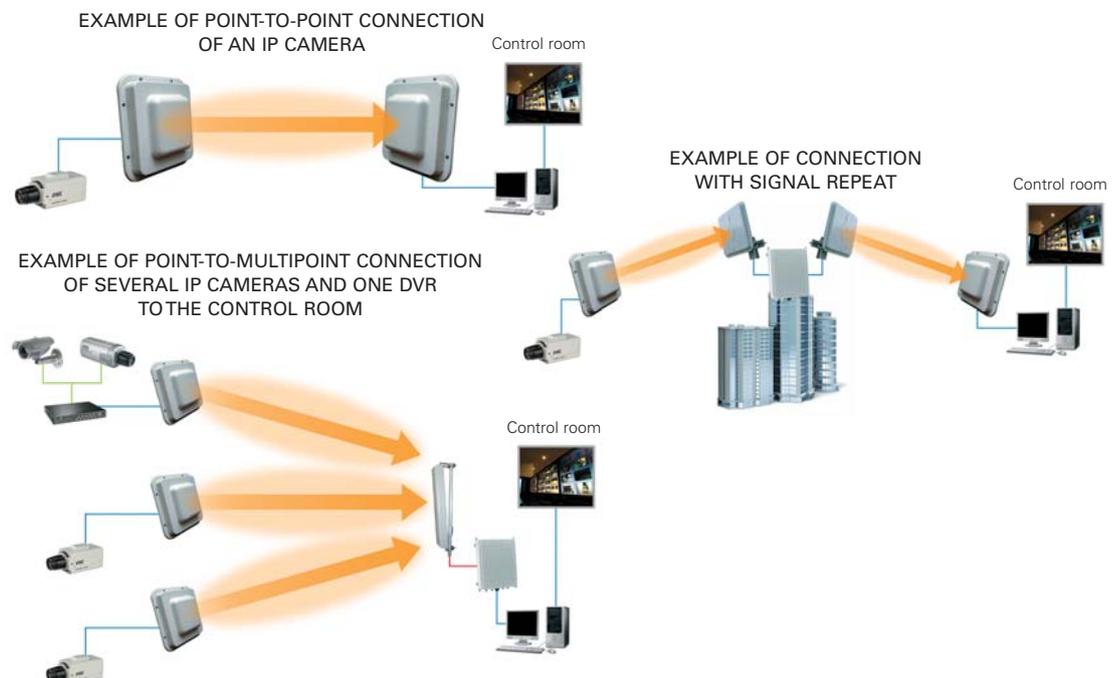
Supported protocols	
Routing and management protocols TCP/IP protocol: Firewall and NAT -, port range, IP protocol (ICMP type, TCP flags and MSS), ToS (DSCP) byte	
Data Rate Management - Hierarchical HTB QoS system with bursts; per IP / protocol / subnet / port / firewall mark; PCQ, RED, SFQ, FIFO queue; CIR, MIR, contention ratios, dynamic client rate equalizing (PCQ), bursts, Peer-to-Peer protocol limitation	
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DHCP - DHCP server; DHCP relay; DHCP client; DHCP multiple networks; RADIUS support	
Simple tunnels - IPIP tunnels, EoIP (Ethernet over IP) IPsec - IP security AH and ESP; MODP Diffie-Hellman 1,2,5; Hashing algorithms MD5; encrypting algorithms DES, 3DES, AES-128, AES-192, AES-256; Perfect Forwarding Secrecy (PFS) MODP 1,2,5	
CPU	Atheros AR7130 300MHz
Memory	32MB DDR SDRAM (memory on board)
Communication port	1 Ethernet port 10/100 Mbit/s Fast Ethernet con Auto-MDI/X
Supplementary features	Reset switch, Beeper
Power	Power over Ethernet: 10 to 28V DC
Power consumption	typical ~3W (maximum 12 W )
USB	1 USB 2.0 port for connecting 3G modem key
Accessories included	Power supply unit (230V AC - 12V DC)

### NOTE

Performance is closely related to:

- Network coverage of operator
- Technology implemented by operator
- 3G key compatibility: at time of press of the 2010 General Catalogue, compatibility is extended to devices using the following technologies: UMTS/HSPA/GPRS/EDGE.

For details on key compatibility, refer to [www.urmetdomus.it](http://www.urmetdomus.it), "Documentation and resources" areas for these products.





# WIRED INTRUSION ALARM SYSTEMS

## Systems and components allied for your security

The Urmet wired intrusion alarm range includes high performance systems and solutions for all user types: homes, offices and small factories.

Many new features in the catalogue and new stylish products.

Urmet has developed a series of software products suitable for all systems: the user interface is even more immediate and convenient (offering remote control options) and programming is simple and fast. The accessory and peripheral range includes all the components needed to make the system secure and complete.

Solutions for all locations:

- **Small companies**
- **Medium sized companies and services**
- **Homes**





**1061 SYSTEM**  
Performance is compact and versatile  
Page 238



# 1061 INTRUSION ALARM SYSTEM



- Robbery alarm, panic alarm and technological alarm management
- Diallers connected to control rooms
- Simplified management and remote interface
- Possibility of operating device as room monitor
- Bus line interface
- Level 1 IMQA type approval
-  Commands compatible with Simon Urmet Nea wiring system Flexa and Kàdra ranges

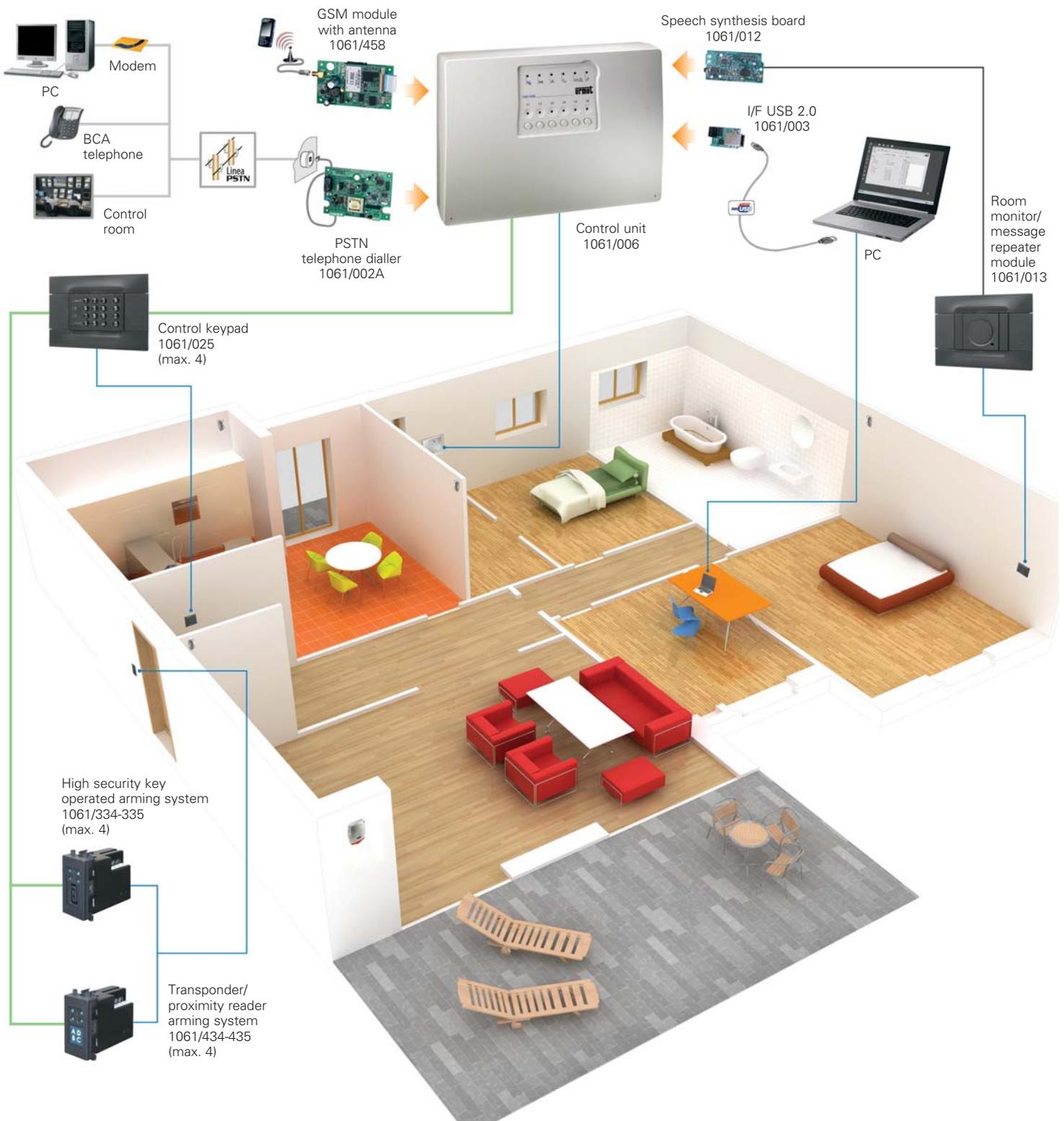
For homes and small businesses, Urmet has created a system capable of combining easy use and high-tech performance.

The system can be used to freely create four zones, using a very simple interface. The system is entirely managed by means of key, keypad and even remotely.

Up to 4/6 inputs for alarm detectors and 4/3 outputs for actuators can be connected. Furthermore, provided with speech and digital diallers, the 1061 system can manage robbery, panic and technological alarms.

#### The numbers of the system

- Available in 4 or 6 lines version
- Up to 4 splittable zones
- Up to 8 control devices
- Up to 10 codes
- Up to 10 keys



WIRED INTRUSION ALARM SYSTEMS



# 1061 INTRUSION ALARM SYSTEM

## Control units

The new intrusion alarm system is compact, easy to use and designed for small systems. Two versions are available: 4 or 6 lines. The system is IMQA Level 1 approved and is characterised by a wide range of performance: bus line interface, capable of managing 4 freely associated zones; 4/6 inputs for alarm detectors and 4/3 outputs for actuators. The system can be armed by means of keypads and code, electronic key and proximity keys. It has a simple, intuitive interface and voice and digital communicators for transmitting alarm information to users and control rooms.

The following functions can be managed: robbery alarm, panic alarm technological alarm. Can interface with PC for programming and monitoring the system in local and remote mode. System status queries also using DTMF.



1061/004



1061/006

 <b>1061/004</b>	4 line microprocessor control unit. IMQA Level 1
 <b>1061/006</b>	6 line microprocessor control unit. IMQA Level 1

## MAIN CHARACTERISTICS

	1061/004	1061/006
Number of inputs	4	6
Number of outputs	3	4
Number of freely splittable zones	3	4
Selectable inputs	NC – balanced – fast (to connect directly to the rolling blinds contact)	NC – balanced – fast (to connect directly to the rolling blinds contact)
Max. number of control devices	8 (4 keypads + 4 arming devices/tags)	8 (4 keypads + 4 arming devices/tags)
Tampering protection	1 input 24H	1 input 24H
Max. number of keys	10	10
Max. number of codes	10 (from 4 to 6 digits)	10 (from 4 to 6 digits)
Free association of inputs to zones	•	•
Robbery alarm function (with keypad only)	•	•
Technological input	•	•
Technological alarm management	•	•
Panic alarm management	•	•

>> Continue

• Yes.



## MAIN CHARACTERISTICS

	1061/004	1061/006
In/out times	Selectable	Selectable
Delayed inputs	1 (priority)	1 (priority)
Info display	LEDs	LEDs
Automatic input cut-out	After 8 alarms or when armed	After 8 alarms or when armed
USB interface	Optional	Optional
PC remote management	● by means of SW application	● by means of SW application
PSTN telephone dialler	Optional	Optional
GSM telephone dialler	Optional	Optional
PSTN/GSM priority dialling	●	●
Remote management	Event query and system on/off using DTMF commands	Event query and system on/off using DTMF commands
Remote assistance	Configuration and system parameter editing	Configuration and system parameter editing
Remote surveillance	Alarm transmission via numeric IDP - ADF - SIA protocols	Alarm transmission via numeric IDP - ADF - SIA protocols
Power voltage	220 Vac – 240Vac	220 Vac – 240Vac
Max. supplied load	1,5A	1,5A
Battery	1 pcs, 12V@7A each	1 pcs, 12V@7A each
Casing	ABS (v0)	ABS (v0)
Degree of protection	IP30	IP30
Weight (without battery)	1,450 kg	1,450 Kg
Dimensions (W x H x D) mm	340 x 240 x 85	340 x 240 x 85

● Yes.



1061/025

1061/334

1061/434

**CONTROL DEVICES**

-  **1061/025** LED keypad. IMQA Level 1

  - Max. number of codes 10 (from 4 to 6 digits)
  - Four wire - tamper protection connection
  - Robbery alarm function with programmable code
  - Wall-mounted installation
  - Can be flush-mounted in 3 Simon Urmet Nea series modules
  - System can be split into four zones
  - Zone status indication by means of LEDs with alarm memory and fault indications
  - Internal buzzer
- 1061/026\*new** As LED keypad 1061/025 but white colour
-  **1061/334** High security key set. IMQA Level 1

The kit consists of: 3 electronic keys - 1 arming device with Simon Urmet Nea series adapter.
- 1061/335** Supplementary arming device. IMQA Level 1

This module is used to arm/disarm the system using an electronic key. Included: 1 Simon Urmet Nea series adapter.
- 1061/336\*new** As supplementary arming device Ref.1061/335 but white colour
- 1067/332** Supplementary key set

The kit consists of: 3 electronic keys to be programmed, suitable for 1045 -1056 - 1061 - 1063 and 1067 systems.
-  **1061/434** High security transponder kit. IMQA Level 1

The kit consists of: 3 proximity keys - 1 proximity reader with Simon Urmet Nea series adapter.
- 1061/435** Supplementary proximity reader. IMQA Level 1

This module is used to arm/disarm the system using a transponder key. Included: 1 Simon Urmet Nea series adapter.
- 1061/436\*new** As supplementary proximity reader Ref.1061/435 but white colour
- 1056/032** Supplementary proximity key set

The kit consists of: 3 proximity keys to be programmed.
- 1056/337** Adapter kit for 1056, 1061 and 1063 and 1067 series

The kit is used to adapt arming devices/readers in the most common residential systems. The kit consists of: 1 Living International adapter, 1 B-Ticino Living adapter, 1 Vimar Plana adapter, 1 Vimar Idea adapter, 1 Gewiss Playbus adapter.
- 1033/036** Set of five adapters for B-Ticino Axolute arming devices/readers

Suitable for 1056 - 1061 - 1063 and 1067 series. Anthracite grey.
- 1033/038** Set of five adapters for Vimar Eikon arming devices/readers

Suitable for 1056 - 1061 - 1063 and 1067 series. Anthracite grey.

\* To be released soon.



## ACCESSORIES



1061/458



1061/013



1061/003



1061/901

<b>1061/002</b>	<b>PSTN telephone dialler. IMQA Level 1</b> By means of an encoded digital dialogue, this interface may be used to transmit information related to alarms and system status to surveillance control rooms. Combined with voice synthesis board, this device may be used to send voice message over the telephone. Remote querying by means of DTMF controls. The dialler can be programmed using the control unit function buttons or via PC.
 <b>1061/458</b>	<b>GSM module. IMQA Level 1</b> GSM Dual Band module with built-in antenna. For transmitting a voice or text alarm. Allows remote querying using DTMF.T commands. The module can be programmed using the control unit function buttons or via PC.
<b>1061/012</b>	<b>Speech synthesis board. IMQA Level 1</b> For recording alarm messages. For use in combination with PSTN telephone dialler or GSM module.
 <b>1061/013</b>	<b>Room monitor/message repeater module</b> This module is used for room monitoring over the telephone (along or in combination with 1061/002) and for playing messages in local mode.
 <b>1061/003</b>	<b>USB 2.0 interface</b> The USB interface is used to connect a PC to the 1061 control units.
<b>1061/001</b>	<b>Programming software and remote assistance</b>
<b>1061/515</b>	<b>Spare part power supply unit for control units 1061, 1056/024A and 1067/032</b> Power supply 12Vdc @ 1.5A, spare part for power supply units in control units 1061/004, 1061/006, 1056/024A and 1067/032.

## INTRUSION ALARM KIT

 <b>1061/901</b>	<b>Intrusion alarm kit with control unit 1061/004</b> The kit consists of: 3 infrared detectors, 1 magnetic contact, 1 key kit, 1 adapter kit, 1 external failsafe siren.
<b>1061/902</b>	<b>Intrusion alarm kit with control unit 1061/006</b> The kit consists of: 5 double technology detectors, 1 magnetic contact, 1 key kit, 1 adapter kit, 1 external failsafe siren.



# WIRELESS INTRUSION ALARM

## Wireless security is two-way

The convenience of a burglar alarm which does not effect architecture: an ideal solution for situations in which the system is designed and installed after furnishing a home.

Today, with Urmet two-way technology you can count on reliable solutions that guarantee the same security as a wired system.

Discover the advantages of Ago: the flexible wireless anti-intrusion system.



Design solutions for stylish homes





**AGO SYSTEM new**  
Freedom of action at the service of security  
Page 246



**KITS new**  
Wireless security and practicality  
Page 248



# AGO SYSTEM **new**



Two-way: constant dialogue between control unit and transceiver devices for security you can rely on

Free zone splitting

Separate management of six event types

Integrated technological alarm and emergency calls management

Design of all components

## **Ago: acting for your security**

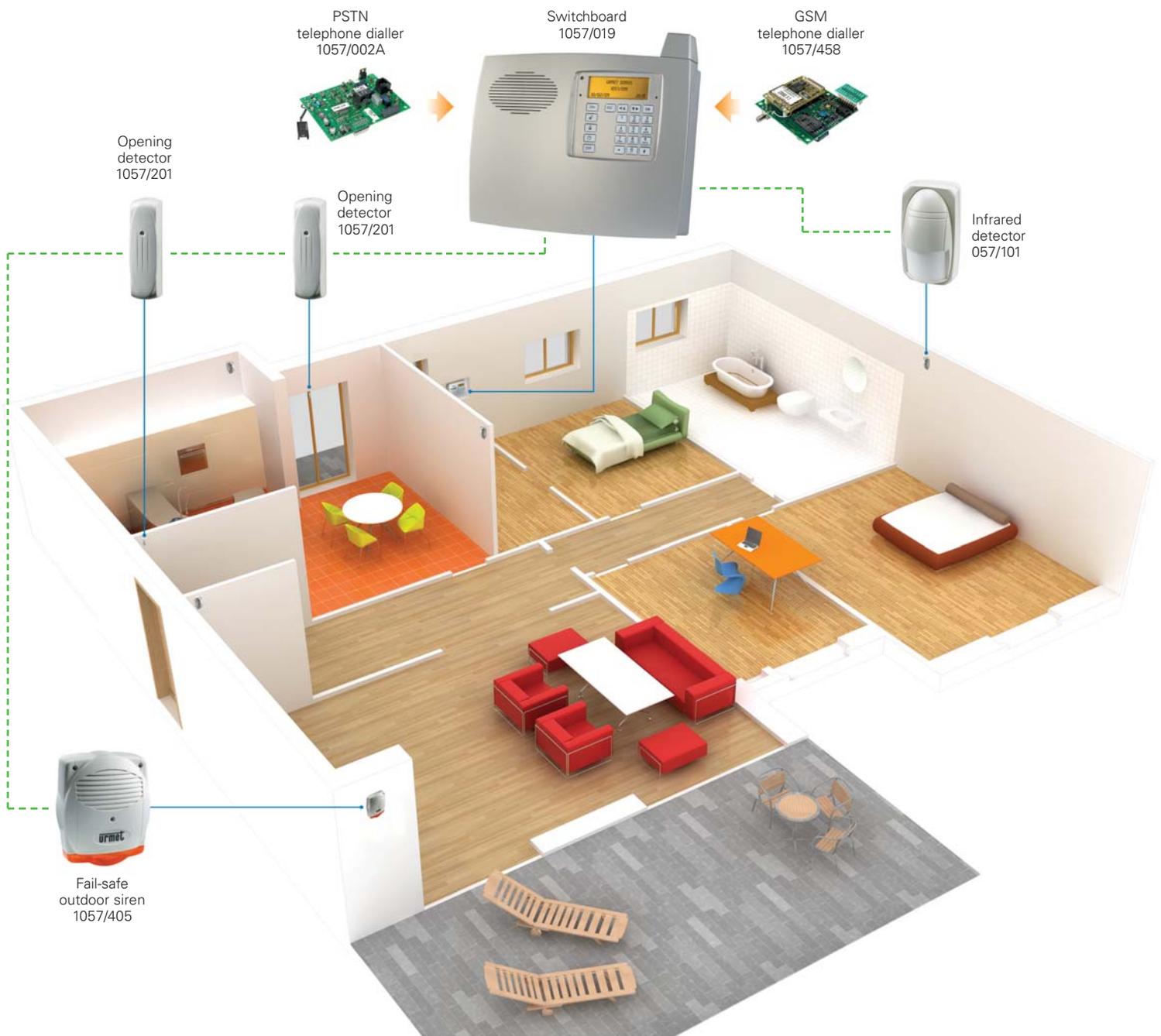
The new Ago anti-intrusion system is the ideal choice for homes. With two-way technology throughout, the devices constantly dialogue with the control unit to ensure transmitted data correctness. Its top level performance and flexibility make it the best solution for all needs.

With these features, wireless is the best choice for situations in which the burglar alarm needs to be installed after refurbishing because no wires need to be installed in the masonry.

Ago is design-friendly because it respects the home and because all components are carefully styled.

### **The numbers of the system**

- Four programmable zones
- 32 sensors which can be combined with 64 wired sensors, all individually named
- 8 remotes controls, 4 keypads, 16 input codes
- Memory of up to 500 events
- System supervision test



The flexibility of Ago make it the right answer for even large-size homes and locations requiring flexible: four programmable zones, 32 radio sensors to which 64 wired sensors can be added with two inputs for each magnetic transmitter. Programming is very quick, with automatic peripheral recognition by the control unit as soon as the batteries are installed. Management is equally simple: the keypad guides operations and facilitates information reading.

All functions can be activated and deactivated by means of remote control (up to 8), or keypad (up to 4), with 16 access codes for detailed event monitoring (up to 500 events can be stored). Ago continuously monitors the power state of each device and signals faults.

**Ago: secure, reliable, stylish wireless innovation.**



# AGO SYSTEM



1057/018

## CONTROL UNITS **new**

 1057/018	Full wireless control unit with display Battery powered control unit. Battery included.
1057/019	Mains powered control unit with display Network powered control unit, 6V@1.2A back up battery not included.

## MAIN CHARACTERISTICS

	1057/018	1057/019
Power voltage	3 lithium batteries 3.6V@14A included	230Vac
Max. number of zones	4	4
Max. number of detectors	32	32
Integrated siren	●	●
Average free field range	300 m	300 m
Selectable alarm time	●	●
Selectable exit time	●	●
Selectable entrance time	●	●
Automatic input cut-out	After 8 alarms	After 8 alarms
Tampering	●	●
Supervision	●	●
Dimensions (W x H x D) mm	280 x 245 x 67	280 x 245 x 67



1057/903

## KITS **new**

1057/902	Ago anti-intrusion kit with 1057/018 control unit The kit consists of: <ul style="list-style-type: none"><li>- 1057/018: one control unit</li><li>- 1057/045: one five-button remote control</li><li>- 1057/101: one passive infrared sensor</li><li>- 1057/201: one magnetic contact</li></ul>
 1057/903	Ago anti-intrusion kit with 1057/019 control unit The kit consists of: <ul style="list-style-type: none"><li>- 1057/019: one control unit</li><li>- 1057/045: one five-button remote control</li><li>- 1057/101: one passive infrared sensor</li><li>- 1057/201: one magnetic contact</li></ul>

● Yes.



1057/045



1057/025



1057/101

## CONTROL DEVICES

- 1057/045** **Five-button remote control**
- Operating frequency: 433,050 434,790 MHz
  - Communication mode: FSK-NB frequency modulation
  - Number of radio channels: 8
  - Radio range: up to 250 m in free range
  - Power: lithium battery 1057/615 included
  - Autonomy: up to 2 years
  - 5 programmable buttons
  - 5 two-colour LEDs

- 1057/025** **Supplementary control keypad**
- Power voltage: 2 lithium batteries 1033/614 included
  - Autonomy: up to 2 years
  - Average free field range: 300 m
  - Backlit keypad
  - Dusk sensor for limiting consumption
  - Password: from 4 to 6 digits
  - Tamperproof protection
  - System status indicator LED
  - Material: white ABS
  - Working temperature range: 5°C + 55°C
  - Degree of protection: IP41
  - Dimensions (W x H x D) mm: 107 x 139 x 37

## DETECTORS

- 1057/101** **Passive infrared detector**
- 1057/102** **Pet Immunity passive infrared detector**

## MAIN CHARACTERISTICS

	1057/101	1057/102
Power voltage	1 lithium battery 1033/614 included	1 lithium battery 1033/614 included
Autonomy	2 years in normal conditions of use	2 years in normal conditions of use
Average free field range	300	300
Protection range	15 m	15 m
PET IMMUNITY function	-	•
Pulse count	•	•
Degree of protection	IP30	IP30
Dimensions (W x H x D) mm	70 x 124 x 54	70 x 124 x 54

• Yes.



1057/201



1057/202



1057/121



1057/002A



1057/458

**DETECTORS**

- 📷 1057/201 White magnetic contact
- 📷 1057/202 Brown magnetic contact

**MAIN CHARACTERISTICS**

	1057/201	1057/202
Power voltage	1 lithium battery1033/614 included	1 lithium battery1033/614 included
Autonomy	2 years in normal conditions of use	2 years in normal conditions of use
Average free field range	300	300
Auxiliary inputs	2	2
Casing colour	White	Brown
Pulse count	●	●
Degree of protection	IP40	IP40
Dimensions (W x H x D) mm	35 x 124 x 34	35 x 124 x 34

- 📷 1057/121 Smoke detector
  - Power voltage: lithium battery provided
  - Range: 40 m2
  - Average free field range: 250 m
  - Autonomy: up to 2 years in normal conditions of use
  - Integrated buzzer
  - Dimensions (Ø x H) mm: 136 x 68

**TELEPHONE DIALLERS**

- 📷 1057/002A PSTN dialler module with modem
  - Optional dialler for interfacing between control unit and land telephone line (PSTN) for communications via modem with pre-recorded voice message and numeric protocol.
  - Connection to telephone line: terminal connector
  - Six programmable telephone numbers
  - Voice synthesis message
  - 1 common customisable message + 3 pre-recorded messages
  - Relay switch from control unit by means of remote voice confirmation
  - System on/off switch by means of remote voice confirmation
- 📷 1057/458 GSM telephone dialler
  - Dual Band GSM module with antenna, for use in combination with 1057/002A module
  - Automatic telephone transmitter
  - Alarm message: voice or SMS
  - Programming via central keyboard
  - Call repeat: programmable
  - Message repeat: programmable
  - Response time: programmable

● Yes.



1057/405

## SIRENS

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- 1057/405 Self-powered outdoor siren**
- Power voltage: 2 lithium batteries 1057/612 included
  - Autonomy: up to 2 years in normal conditions of use
  - Average free field range: 300 m
  - Polycarbonate material
  - Blinking: flasher
  - Sound efficiency: 100 dB at 3 m
  - Selectable ringer
  - Tamperproof protection
  - Protective metallic grid
  - Working temperature range: 20°C + 50°C
  - Degree of protection: IP44
  - Dimensions (W x H x D) mm : 254 x 314 x 108
- 

## BATTERIES

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- 1057/612\*\* Lithium battery 3.6V@14A**  
Set of two 3.6 V 14 Ah lithium batteries for 1057/405 outdoor siren.
- 
- new 201057/612 Spare lithium battery 3.6V@14A**  
Box containing 2 lithium batteries, 3.6V@14A for 1057/405 and 201057/008 siren.
- 
- new 1057/614 Lithium battery 3.6V@14A**  
Box containing 3 lithium batteries, 3.6V@14A for 1057/018 control unit.
- 
- new 1033/616 Battery, 6V@1.2A**  
Lead battery, 6V@1.2A for 1057/019 control unit.
- 
- 1033/614 Lithium battery 3V**  
Lithium battery, 3V for 1057/025 keypad, passive infrared sensors and magnetic contacts.
- 
- 1057/615 Lithium battery 3V**  
Lithium battery, 3V for 1057/045 remote control.
- 

\*\* Contact the sales network for availability.

# TECHNICAL INFO

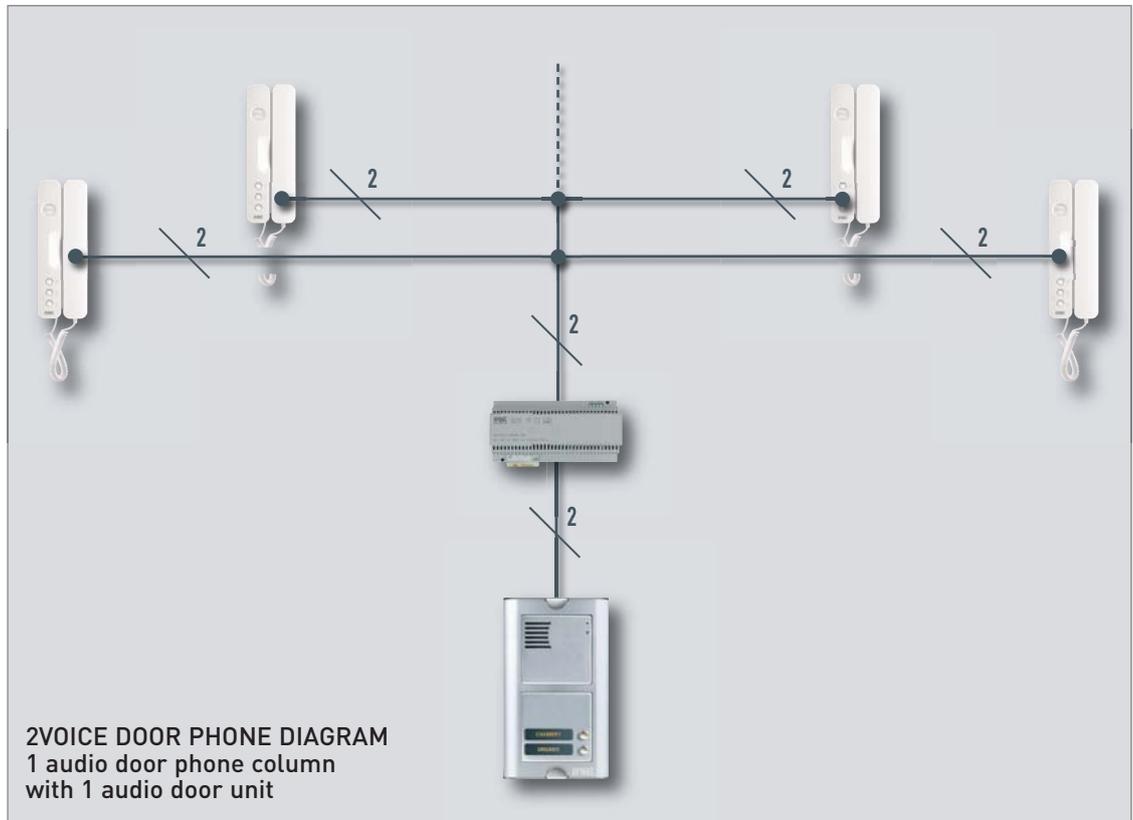
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# COMPOSITION TABLES

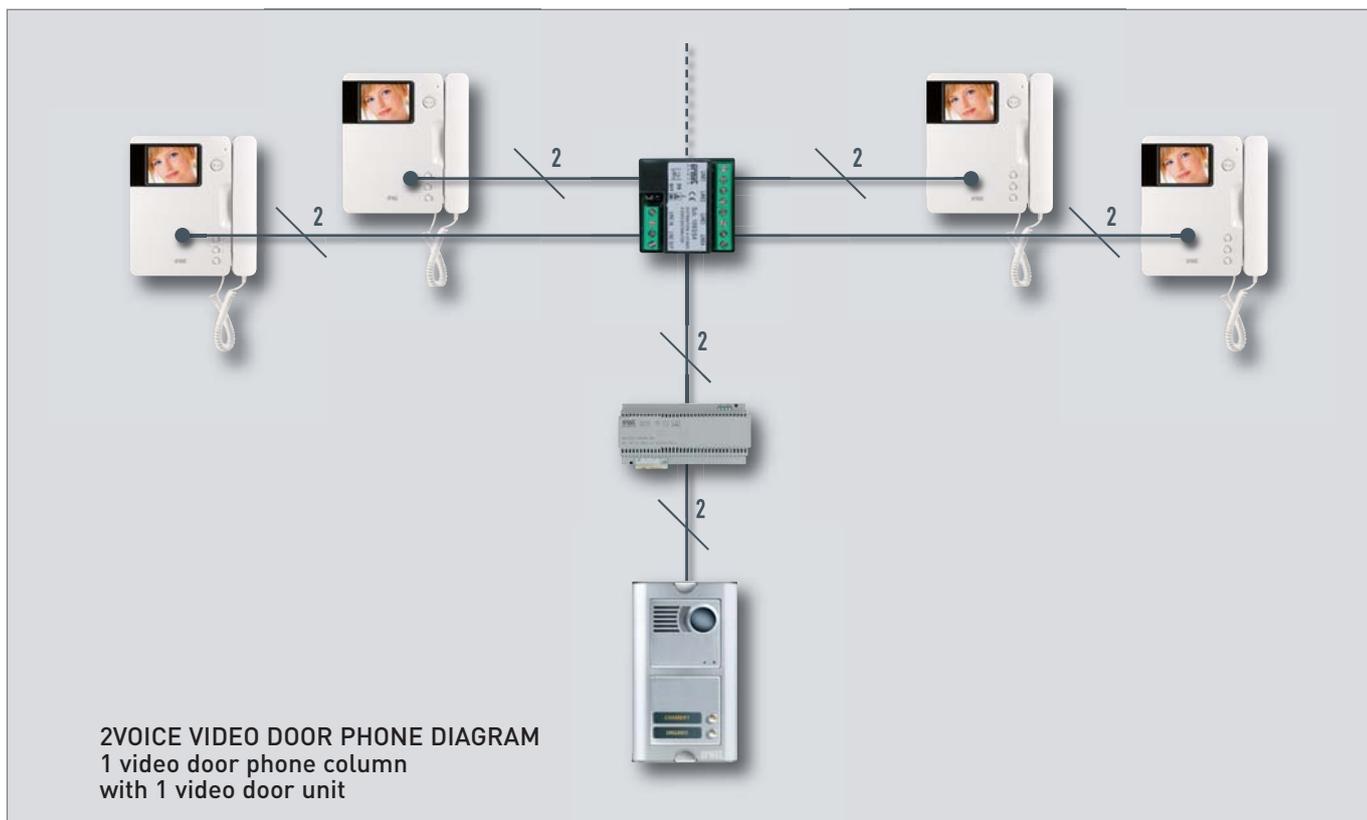
## 2VOICE SYSTEM



### SINTHESI AUDIO PUSHBUTTON PANEL: FROM 1 TO 30 BUTTONS (SIGNO DOOR PHONE)

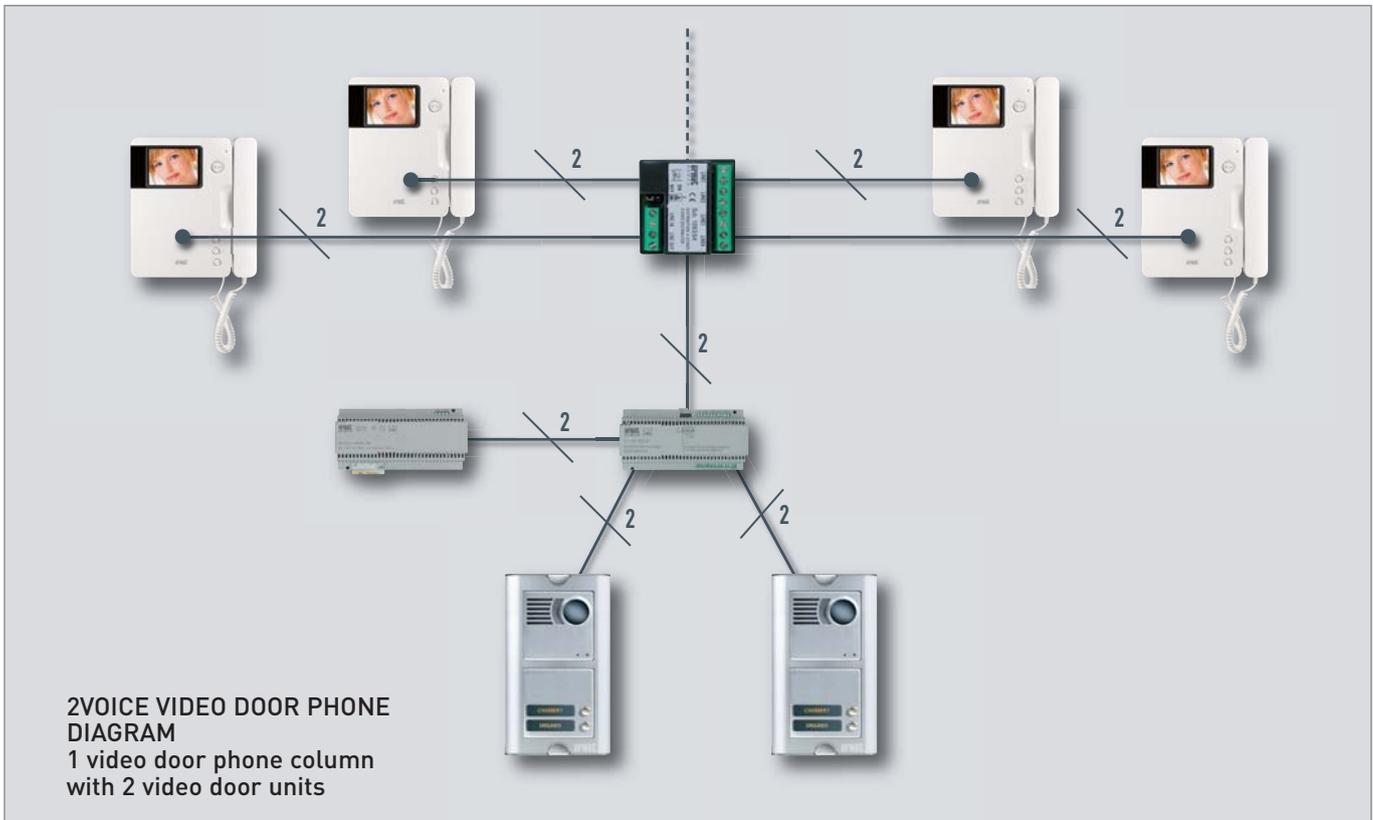
NO. BUTTONS	1083/7	1145/62	1145/63	1145/64	1145/11	1145/12	1145/13	1145/14	1145/50	1145/52	1145/53	1145/54	1038/17	1083/20	Basic door phone 1183/1 or comfort door phone 1183/2 or with additional buttons 1183/3
2	1	1								1				1	2
3	1		1		1						1		1	1	3
4	1		1			1					1		1	1	4
6	1		1					1			1		1	1	6
8	1	2				1		1		2			1	1	8
9	1			1			1	1				1	1	1	9
10	1			1				2				1	1	1	10
12	1		2			1		2	1		2		1	1	12
14	1		2					3	1		2		1	1	14
15	1		2		1			3			2		1	1	15
16	1		2			1		3			2		1	1	16
18	1		2					4			2		1	1	18
20	1			2		1		4	1			2	2	1	20
21	1			2			1	4	1			2	2	1	21
22	1			2			1	5	1			2	2	1	22
24	1			2		1		5				2	2	1	24
27	1		3		1			6			3		2	1	27
28	1		3			1		6			3		2	1	28
30	1		3					7			3		2	1	30

# 2VOICE SYSTEM



## SINTESI VIDEO PUSHBUTTON PANEL: FROM 1 TO 30 BUTTONS (SIGNO B/W AND COLOUR MONITOR)

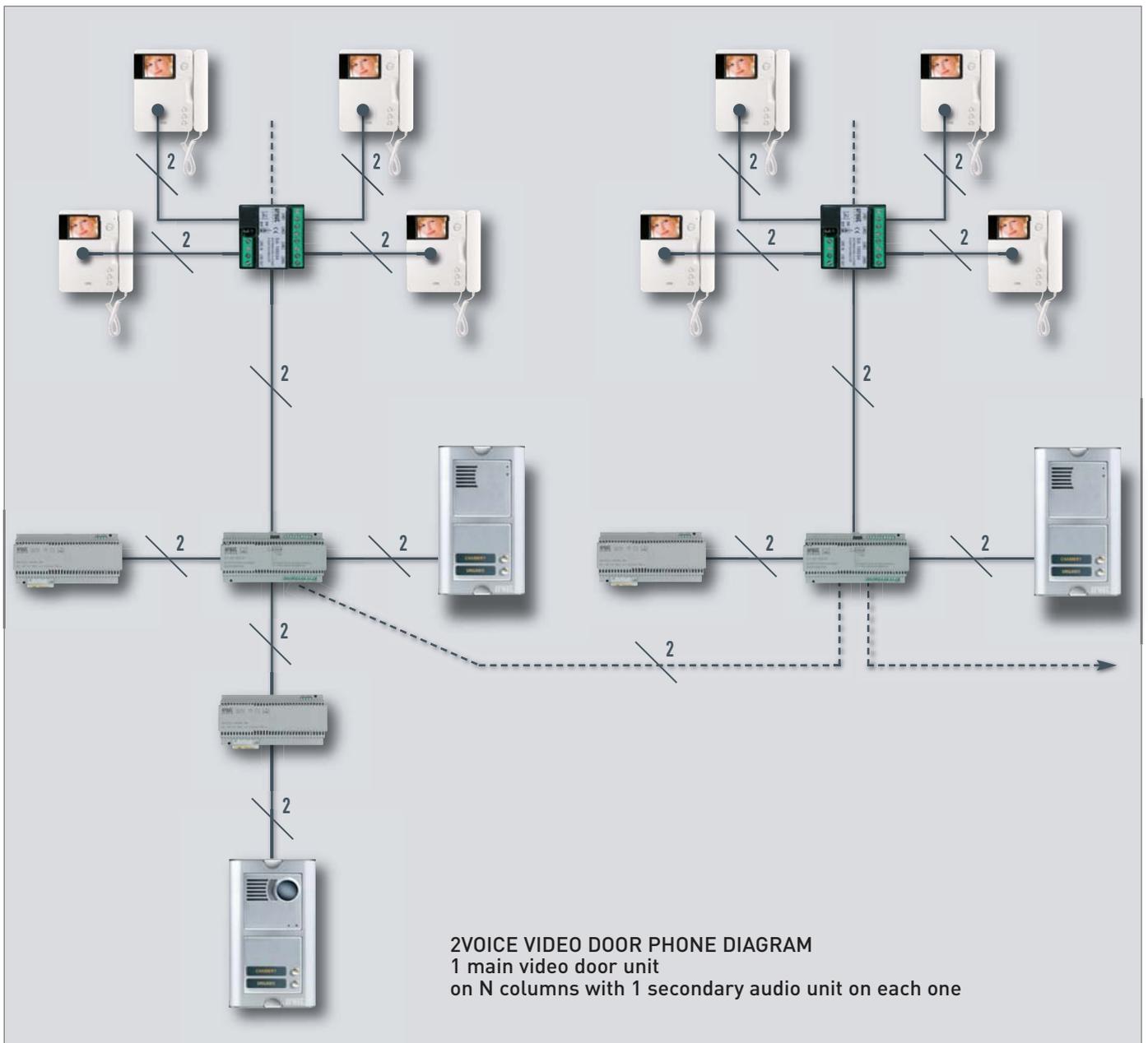
NO. BUTTONS	1145/62	1145/63	1145/64	1145/11	1145/12	1145/13	1145/14	1145/50	1145/52	1145/53	1145/54	1083/55	1038/17	1783/602	SIGNO B/W 1740/713	1783/622	SIGNO COLOUR 1740/753
2												0		1		1	
3		1		1						1		1	1	1	1	1	1
4		1			1					1		1	1	1	2	1	2
6		1					1			1		1	1	1	4	1	4
8	1				1		1		1			1	1	1	6	1	6
9	1					1			1			2	1	1	7	1	7
10	1						2		1			2	1	1	8	1	8
12		2			1		2	1		2		2	1	1	10	1	10
14		2					3	1		2		3	1	1	12	1	12
15		2		1			3			2		3	1	1	13	1	13
16		2			1		3			2		3	1	1	14	1	14
18		2					4			2		4	1	1	16	1	16
20			2		1		4	1			2	4	2	1	18	1	18
21			2			1	4	1			2	5	2	1	19	1	19
22			2				5	1			2	5	2	1	20	1	20
24			2		1		5				2	5	2	1	22	1	22
27		3		1			6			3		6	2	1	25	1	25
28		3			1		6			3		6	2	1	26	1	26
30		3					7			3		7	2	1	28	1	28



**SINTHESI VIDEO PUSHBUTTON PANEL: FROM 1 TO 30 BUTTONS (SIGNO B/W AND COLOUR MONITOR)**

NO. BUTTONS	1145/62	1145/63	1145/64	1145/11	1145/12	1145/13	1145/14	1145/50	1145/52	1145/53	1145/54	1083/72	1083/50	1083/55	1038/17	1783/602	SIGNO B/W 1740/713	1783/622	SIGNO COLOUR 1740/753
2	1								1			1	1	0		1		1	
3		2		2						2		1	1	1	2	1	1	1	1
4		2			2					2		1	1	1	2	1	2	1	2
6		2					2			2		1	1	1	2	1	4	1	4
8	2				2		2		2			1	1	1	2	1	6	1	6
9	2					2	2		2			1	1	2	2	1	7	1	7
10	2						4		2			1	1	2	2	1	8	1	8
12		4			2		4	1		4		1	1	2	2	1	10	1	10
14		4					6	1		4		1	1	3	2	1	12	1	12
15		4		2			6			4		1	1	3	2	1	13	1	13
16		4			2		6			4		1	1	3	2	1	14	1	14
18		4					8			4		1	1	4	2	1	16	1	16
20			4		2		8	1			4	1	1	4	4	1	18	1	18
21			4			2	8	1			4	1	1	5	4	1	19	1	19
22			4				10	1			4	1	1	5	4	1	20	1	20
24			4		2		10				4	1	1	5	4	1	22	1	22
27		6		2			12			6		1	1	6	4	1	25	1	25
28		6			2		12			6		1	1	6	4	1	26	1	26
30		6					14			6		1	1	7	4	1	28	1	28

# 2VOICE SYSTEM



## SINTHESI VIDEO PUSHBUTTON PANEL: MAIN VIDEO DOOR UNIT WITH DIGITAL KEYPAD

1083/13	1745/40	1145/63	1145/53	1083/20
1	1	1	1	1

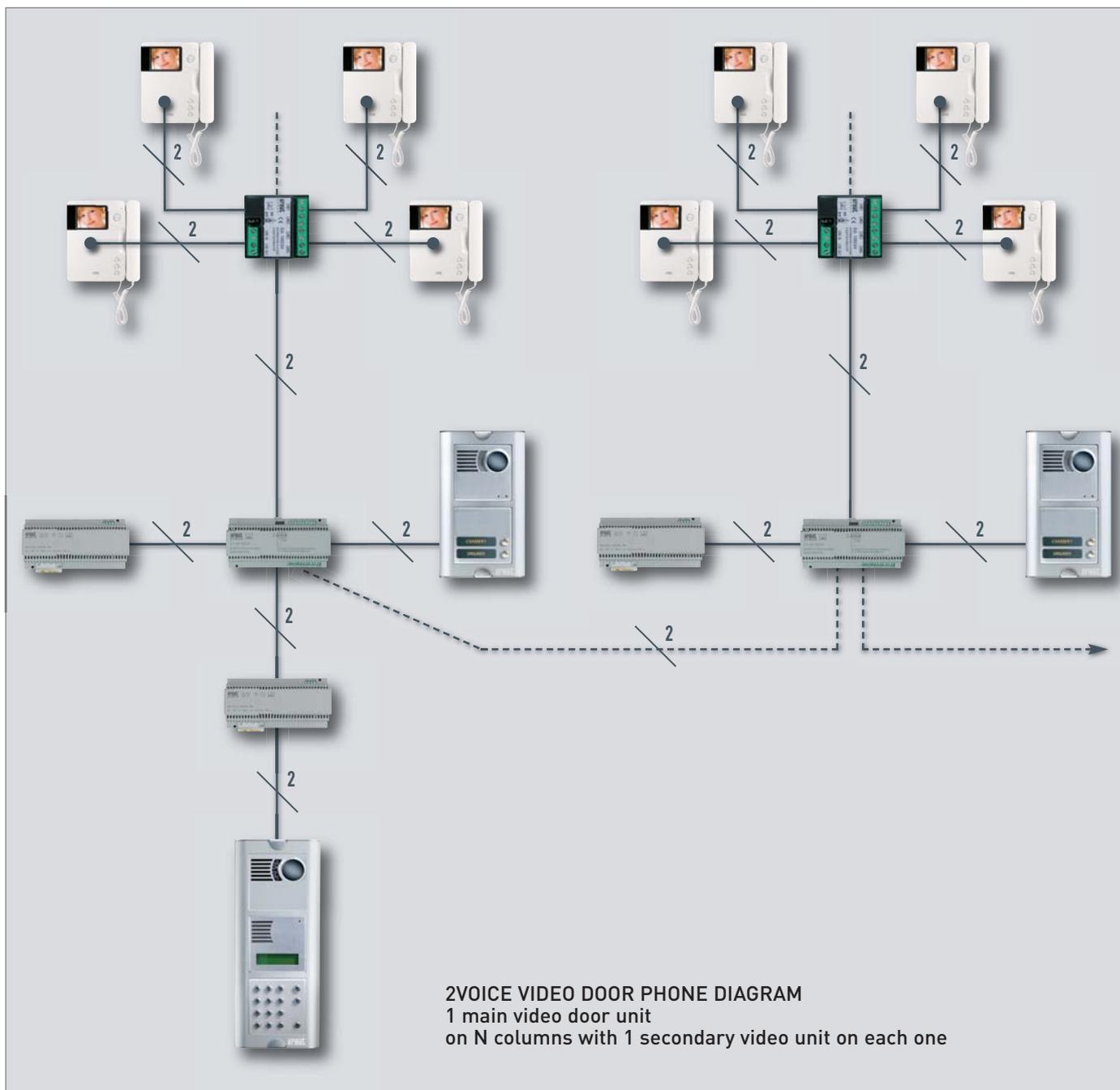
## SINTHESI VIDEO PUSHBUTTON PANEL: MAIN VIDEO DOOR UNIT WITH BUTTONS FROM 1 TO 30

NO. BUTTONS	1083/72	1083/20	1145/62	1145/63	1145/64	1145/11	1145/12	1145/13	1145/14	1145/50	1145/52	1145/53	1145/54	1038/17
4	1	1		1			1					1		1
6	1	1		1					1			1		1
8	1	1	2				1		1		2			1
9	1	1	2					1	1		2			1
10	1	1	2						2		2			1
12	1	1		2			1		2	1		2		1
14	1	1		2					3	1		2		1
15	1	1		2		1			3			2		1
16	1	1		2			1		3			2		1
18	1	1		2					4			2		1
20	1	1			2		1		4	1			2	2
21	1	1			2			1	4	1			2	2
22	1	1			2				5	1			2	2
24	1	1			2		1		5				2	2
27	1	1		3		1			6			3		2
28	1	1		3			1		6			3		2
30	1	1		3					7			3		2

## SINTHESI AUDIO PUSHBUTTON PANEL: SECONDARY COLUMN FROM 1 TO 30 BUTTONS (SIGNO B/W AND COLOUR MONITOR)

NO. BUTTONS	1083/7	1145/62	1145/63	1145/64	1145/11	1145/12	1145/13	1145/14	1145/50	1145/52	1145/53	1145/54	1038/17	1083/20	1083/50	1083/55	SIGNO B/W 1740/713	SIGNO COLOUR 1740/753
2	1	1								1				1	1	1	2	2
3	1		1		1						1		1	1	1	1	3	3
4	1		1			1					1		1	1	1	1	4	4
6	1		1					1			1		1	1	1	2	6	6
8	1	2				1		1		2			1	1	1	2	8	8
9	1			1			1	1				1	1	1	1	3	9	9
10	1			1				2				1	1	1	1	3	10	10
12	1		2			1		2	1		2		1	1	1	3	12	12
14	1		2					3	1		2		1	1	1	4	14	14
15	1		2		1			3			2		1	1	1	4	15	15
16	1		2			1		3			2		1	1	1	4	16	16
18	1		2					4			2		1	1	1	5	18	18
20	1			2		1		4	1			2	2	1	1	5	20	20
21	1			2			1	4	1			2	2	1	1	6	21	21
22	1			2				5	1			2	2	1	1	6	22	22
24	1			2		1		5				2	2	1	1	6	24	24
27	1		3		1			6			3		2	1	1	7	27	27
28	1		3			1		6			3		2	1	1	7	28	28
30	1		3					7			3		2	1	1	8	30	30

# 2VOICE SYSTEM



## SINTHESI VIDEO PUSHBUTTON PANEL: MAIN VIDEO DOOR UNIT WITH DIGITAL KEYPAD

1083/13	1745/40	1145/63	1145/53	1083/20
1	1	1	1	1

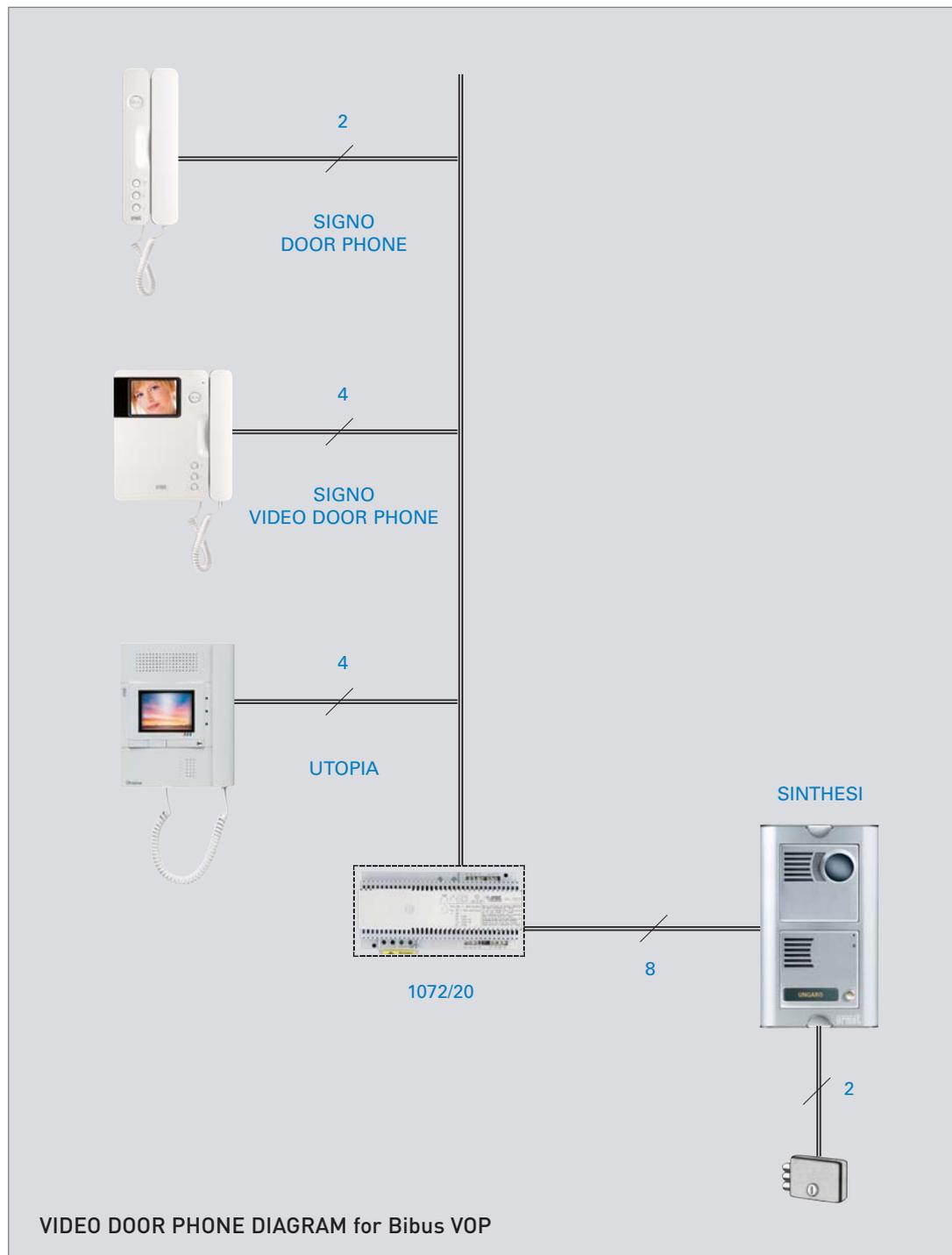
## SINTHESI VIDEO PUSHBUTTON PANEL: MAIN VIDEO DOOR UNIT WITH BUTTONS FROM 1 TO 30

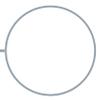
NO. BUTTONS	1083/72	1083/20	1145/62	1145/63	1145/64	1145/11	1145/12	1145/13	1145/14	1145/50	1145/52	1145/53	1145/54	1038/17
4	1	1		1			1					1		1
6	1	1		1					1			1		1
8	1	1	2				1		1		2			1
9	1	1	2					1	1		2			1
10	1	1	2						2		2			1
12	1	1		2			1		2	1		2		1
14	1	1		2					3	1		2		1
15	1	1		2		1			3			2		1
16	1	1		2			1		3			2		1
18	1	1		2					4			2		1
20	1	1			2		1		4	1			2	2
21	1	1		2				1	4	1			2	2
22	1	1		2					5	1			2	2
24	1	1		2			1		5				2	2
27	1	1		3		1			6			3		2
28	1	1		3			1		6			3		2
30	1	1		3					7			3		2

## SINTHESI AUDIO PUSHBUTTON PANEL: SECONDARY COLUMN FROM 1 TO 30 BUTTONS (SIGNO B/W AND COLOUR MONITOR)

NO. BUTTONS	1145/62	1145/63	1145/64	1145/11	1145/12	1145/13	1145/14	1145/50	1145/52	1145/53	1145/54	1083/55	1038/17	1083/50	1783/602	SIGNO B/W 1740/713	1783/622	SIGNO COLOUR 1740/753
2												0		1	1		1	
3		1		1						1		1	1	1	1	1	1	1
4		1			1					1		1	1	1	1	2	1	2
6		1					1			1		1	1	1	1	4	1	4
8	1				1		1		1			2	1	1	1	6	1	6
9	1					1	1		1			2	1	1	1	7	1	7
10	1						2		1			2	1	1	1	8	1	8
12			2		1		2	1		2		3	1	1	1	10	1	10
14			2				3	1		2		3	1	1	1	12	1	12
15			2		1		3			2		4	1	1	1	13	1	13
16			2		1		3			2		4	1	1	1	14	1	14
18			2				4			2		4	1	1	1	16	1	16
20				2	1		4	1			2	5	2	1	1	18	1	18
21				2		1	4	1			2	5	2	1	1	19	1	19
22				2			5	1			2	5	2	1	1	20	1	20
24				2	1		5				2	6	2	1	1	22	1	22
27		3			1		6			3		7	2	1	1	25	1	25
28		3			1		6			3		7	2	1	1	26	1	26
30		3					7			3		7	2	1	1	28	1	28

# BIBUS VOP SYSTEM





**SINTHESI PUSHBUTTON PANEL: FROM 4 TO 36 BUTTONS  
(SIGNO DOOR PHONE)**

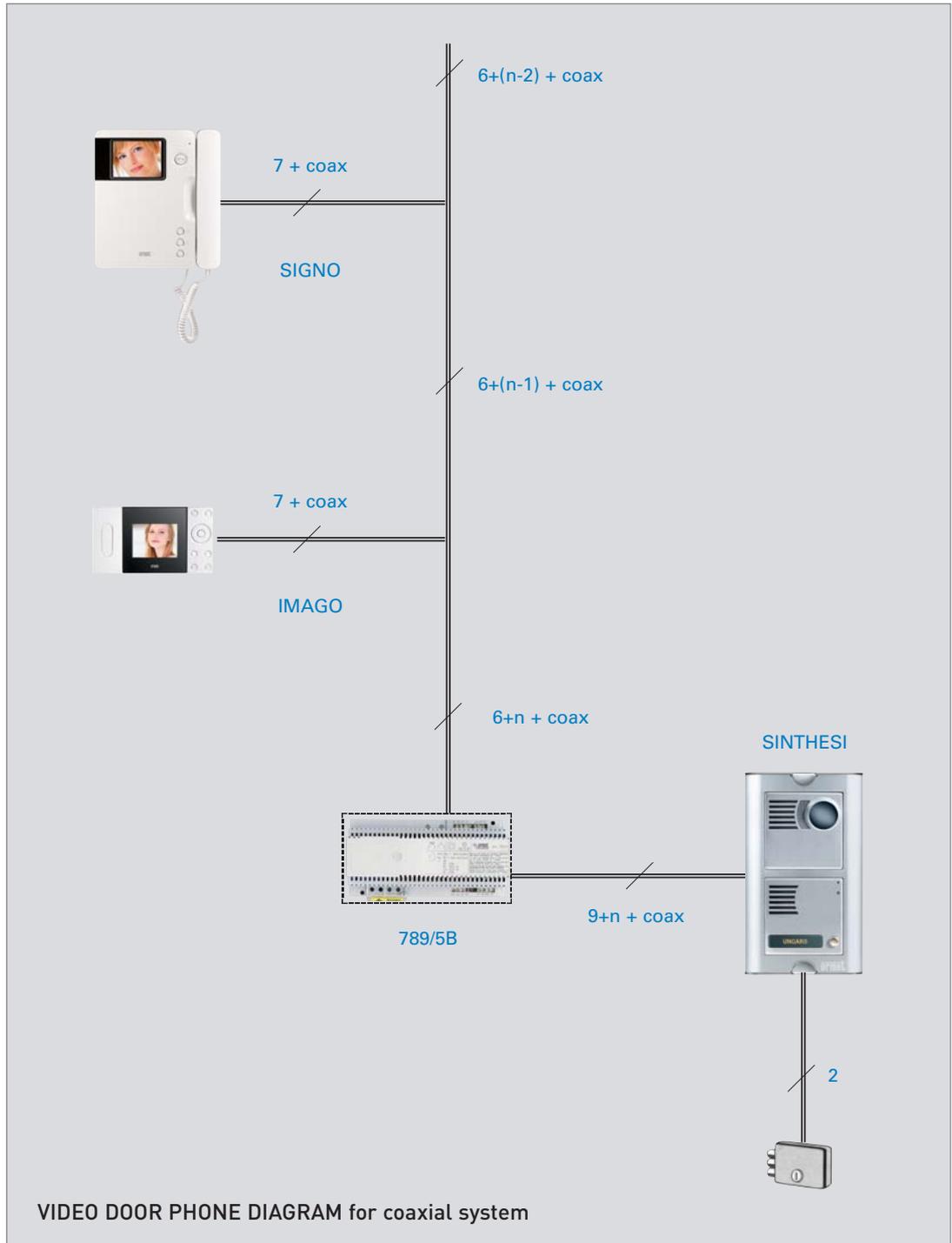
NO. BUTTONS		4	6	8	9	10	12	14	15	16	18	20	21	22	24	27	28	30	32	34	36
SIGNO DOOR PHONE	1172/50 	4	6	8	9	10	12	14	15	16	18	20	21	22	24	27	28	30	32	34	36
	1172/55 	4	6	8	9	10	12	14	15	16	18	20	21	22	24	27	28	30	32	34	36
EXPANSION MODULE	1038/17 	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	2
POWER SUPPLY	1072/24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EMBEDDING BOXES	1145/54 	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	-	-	3	3
	1145/53 	-	1	1	-	-	-	2	2	2	2	2	-	-	-	-	-	3	3	-	-
	1145/52 	1	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1145/50 	-	-	-	-	-	-	1	1	1	-	-	1	1	1	-	-	-	-	1	1
	1145/14 	1	1	2	2	2	3	3	3	4	4	-	5	5	5	6	6	7	7	8	7
	1145/13 	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2
	1145/12 	-	1	-	-	1	-	1	-	-	1	-	-	1	-	-	-	1	-	3	1
	1145/11 	-	-	-	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-
MODULES WITH BUTTONS AND LOUDSPEAKING UNIT	1072/7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FRAMES AND MODULE HOLDER	1145/64 	-	-	-	-	-	-	-	-	-	-	-	2	2	2	2	2	-	-	3	3
	1145/63 	-	1	1	-	-	-	2	2	2	2	2	-	-	-	-	-	3	2	-	-
	1145/62 	1	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**K-STEEL PUSHBUTTON PANEL: FROM 4 TO 36 BUTTONS**  
(SIGNO DOOR PHONE)

NO. BUTTONS		4	6	8	9	10	12	14	15	16	18	20	21	22	24	27	28	30	32	34	36
SIGNO DOOR PHONE	1172/55 	4	6	8	9	10	12	14	15	16	18	20	21	22	24	27	28	30	32	34	36
	1172/50 	4	6	8	9	10	12	14	15	16	18	20	21	22	24	27	28	30	32	34	36
EXPANSION MODULE	1038/17	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	2
POWER SUPPLY	1072/24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FRAMES AND MODULE HOLDER	1155/93 	-	-	1	1	1	-	-	2	2	2	2	2	2	3	3	3	3	3	3	-
	1155/92 	1	1	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	6
	1155/91 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1155/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
	1155/50 	-	-	-	-	-	-	-	1	1	1	-	-	-	1	1	1	1	1	1	1
	1155/14A 	-	1	1	1	2	2	3	3	3	4	4	4	5	4	6	6	7	7	8	8
	1155/13A 	-	-	-	1	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-
	1155/12A 	1	-	1	-	-	1	-	-	1	-	1	-	-	-	-	1	-	-	1	-
	1155/11 	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-
MODULES WITH BUTTONS AND LOUDSPEAKING UNIT	1072/5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
EMBEDDING BOXES	1155/63 	-	-	1	1	1	-	-	2	2	2	2	2	2	3	3	3	3	3	3	-
	1155/62 	1	1	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-	6
	1155/61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



# COAX VIDEO DOOR PHONES



**SINTHESI PUSHBUTTON PANEL: WITH B/W CAMERA, FROM 1 TO 20 BUTTONS  
(SIGNO B/W, ARCO)**

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 B/W	1740/90 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	1740/1 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ARCO	1705/90 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	1715/1 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
CAMERA MODULE WITH 2 KEYS AND LOUDSPEAKING UNIT	1745/82 	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
CAMERA MODULE WITH 1 KEY AND LOUDSPEAKING UNIT	1745/81 	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-
CAMERA MODULE WITH LOUDSPEAKING UNIT	1745/80 	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1
FRAMES AND MODULE HOLDER	1145/64 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/63 	-	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2
	1145/62 	-	-	1	1	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-
	1145/61 	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1145/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/50 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-
	1145/14 	-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5
	1145/13 	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	-	1
	1145/12 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMBEDDING BOXES	1145/54 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/53 	-	-	-	-	-	1	1	1	1	-	-	-	-	-	2	2	2	2	2	2
	1145/52 	-	-	1	1	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-
	1145/51 	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**SYNTHESI PUSHBUTTON PANEL: WITH COLOUR CAMERA FROM 1 TO 20 BUTTONS (SIGNO COLOURS, IMAGO, UTOPIA)**

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 COLOURS	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	
	1740/41  ▲	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1740/42  ●	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
IMAGO	1707/90 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1707/1 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
UTOPIA WITH HANDSET	1703/90 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1703/17 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
UTOPIA HANDSFREE	1703/93 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1703/37 	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	-	-	
BUTTON MODULE ARRANGED WITH LOUDSPEAKING UNIT	1145/22 	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	1	-	1	-	-	
	1145/20 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
CAMERA MODULE WITH 1 KEY AND LOUDSPEAKING UNIT	1745/41 	1	-	1	1	1	-	1	1	1	-	1	1	1	-	-	-	1	-	1	1	
CAMERA MODULE	1745/40 	-	1	-	-	-	1	-	-	-	1	-	-	-	1	1	1	-	1	-	-	
FRAMES AND MODULE HOLDER	1145/64 	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	
	1145/63 	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	
	1145/62 	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1145/61 	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MODULES WITH BUTTONS AND REPERTORY MODULE	1145/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1145/50 	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	
	1145/14 	-	-	-	-	1	1	1	1	2	2	2	3	3	3	4	4	4	4	4	4	4
	1145/13 	-	-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	1	1
	1145/12 	-	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-
	1145/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

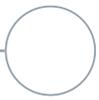
◻ White. ▲ Black. ● Platinum. ● Colour.

## K-STEEL PUSHBUTTON PANEL: WITH COLOUR CAMERA FROM 1 TO 20 BUTTONS (SIGNO COLOURS, IMAGO, UTOPIA)

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 COLOURS	1740/90 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1740/40 <sup>o</sup> 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1740/41 <sup>▲</sup> 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
IMAGO	1707/90 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1707/1 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
UTOPIA WITH HANDSET	1703/90 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1703/17 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
UTOPIA HANDSFREE	1703/93 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1703/37 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
CAMERA MODULES WITH 1 KEY AND LOUDSPEAKING UNIT	1755/41 	1	-	1	1	1	-	1	1	1	-	-	1	1	-	-	1	-	1	1	1	
CAMERA MODULES	1755/40 	-	1	-	-	-	1	-	-	-	1	1	-	-	1	1	1	-	1	-	-	
MODULES WITH LOUDSPEAKING UNIT	1155/22A 	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	1	-	1	-	-	
	1155/20 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	
FRAMES AND MODULE HOLDER	1155/93 	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	
	1155/92 	-	1	1	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	
	1155/91 	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MODULES WITH BUTTONS AND REPERTORY MODULE	1155/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1155/50 	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	
	1155/14A 	-	-	-	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	4
	1155/13A 	-	-	1	-	-	-	1	1	-	-	1	1	-	-	1	-	-	-	-	1	-
	1155/12A 	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
	1155/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMBEDDING BOXES	1155/63 	-	-	-	-	1	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	
	1155/62 	-	1	1	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-
	1155/61 	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- White.
- ▲ Black.
- Platinum.

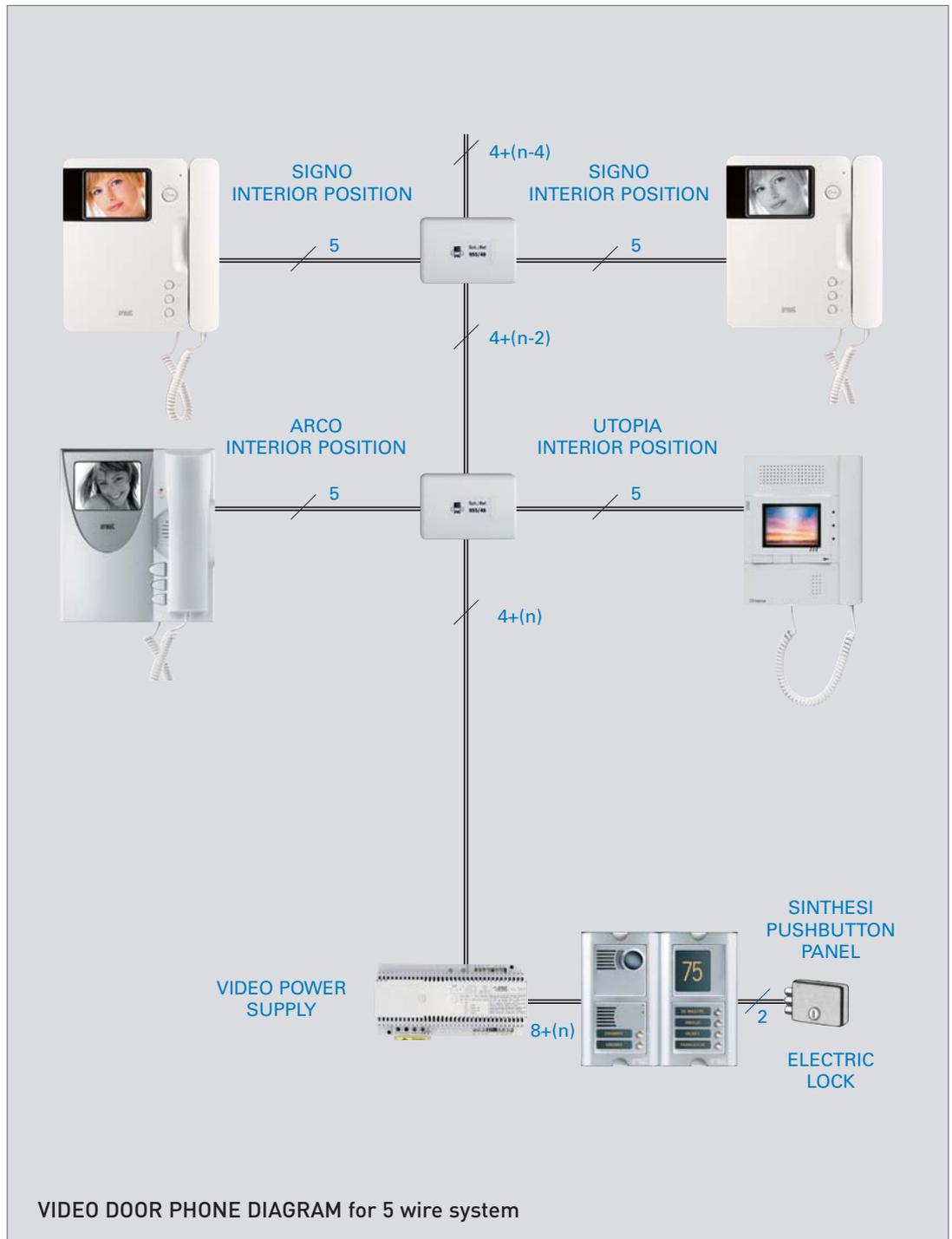
 Colour.



**K-STEEL PUSHBUTTON PANEL: WITH B/W CAMERA FROM 1 TO 20 BUTTONS  
(SIGNO B/W, ARCO)**

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 B/W	1740/90 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1740/1 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ARCO	1705/90 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1715/1 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
CAMERA MODULE WITH 1 KEY AND LOUDSPEAKING UNIT	1755/81 	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	
CAMERA MODULE WITH LOUDSPEAKING UNIT	1755/80 	-	1	1	1	-	1	1	1	-	-	1	1	-	1	1	1	-	1	1	1	
FRAMES AND MODULE HOLDER	1155/93 	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	
	1155/92 	-	1	1	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	
	1155/91 	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MODULES WITH BUTTONS AND REPERTORY MODULE	1155/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1155/50 	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	1	-	-	-	
	1155/14A 	-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	-
	1155/13A 	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
	1155/12A 	-	1	-	-	-	1	-	-	-	1	-	-	-	-	1	-	-	1	-	-	-
	1155/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMBEDDING BOXES	1155/63 	-	-	-	-	1	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	
	1155/62 	-	1	1	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	
	1155/61 	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

## 5 WIRES VIDEO DOOR PHONES



**SINTHESI PUSHBUTTON PANEL: WITH COLOUR CAMERA FROM 1 TO 20 BUTTONS (SIGNO COLOURS, UTOPIA)**

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 COLOURS	1740/955 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1740/40  1740/41  1740/42 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1703/955 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
UTOPIA	1703/17 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	955/40 	-	-	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	5	5	
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	
CAMERA ADAPTER	1742/13A 	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MODULES WITH BUTTONS AND LOUDSPEAKING UNIT	1145/21 	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	
	1145/20 	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	-	1	1	1	
CAMERA MODULE	1745/40 	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
SECURITY 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 HOLDER	1145/64 	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	2	2	2	
	1145/63 	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	2	-	-	-	
	1145/62 	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1145/61 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MODULES WITH BUTTONS AND REPERTORY MODULE	1145/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1145/50 	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	1	1	1	1	1	
	1145/14 	-	-	-	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	4	5
	1145/13 	-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	1	-	
	1145/12 	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	
	1145/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EMBEDDING BOXES	1145/54 	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-	-	2	2	2	2	
	1145/53 	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	2	-	-	-	
	1145/52 	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1145/51 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

- White.
- ▲ Black.
- Platinum.
- Colour.

# 5 WIRES VIDEO DOOR PHONES

## SINTHESI PUSHBUTTON PANEL: B/W FROM 1 TO 20 BUTTONS (SIGNO B/W, ARCO)

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 B/W	1740/955 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	1740/1 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ARCO	1705/955 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	1715/1 	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
CAMERA MODULE WITH BUTTONS AND LOUDSPEAKING UNIT	1745/22 	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
	1745/21 	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-
	1745/20 	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1
SECURITY 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 HOLDER	1145/64 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
	1145/63 	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	2	-	-
	1145/62 	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-	-	-
	1145/61 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1145/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/50 	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	1	1
	1145/14 	-	-	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	4	5
	1145/13 	-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-	1	-
	1145/12 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EMBEDDING BOXES	1145/54 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2
	1145/53 	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	2	-	-
	1145/52 	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-	-	-
	1145/51 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**K-STEEL PUSHBUTTON PANEL: WITH COLOUR CAMERA FROM 1 TO 20 BUTTONS (SIGNO COLOURS, UTOPIA)**

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 COLOURS	1740/955 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1740/40  <sup>■</sup>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1740/41  <sup>▲</sup>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1740/42  <sup>●</sup>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
UTOPIA	1703/955 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1703/17 	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	
MODULES WITH BUTTONS AND LOUDSPEAKING UNIT	1155/32A 	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	
	1155/31 	1	-	1	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	
	1155/30 	-	-	-	1	-	-	1	1	-	-	1	1	-	1	1	1	-	-	1	1	
CAMERA MODULE	1755/45 	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
SECURITY OF CONVERSATION	1145/74 	-	-	1	1	1	1	1	2	2	2	2	3	3	3	4	4	4	4	5	5	
FRAMES AND MODULE HOLDER	1155/93 	-	-	1	1	1	1	-	-	-	2	2	2	2	2	2	2	2	2	3	3	
	1155/92 	1	1	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	
	1155/91 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MODULES WITH BUTTONS AND REPERTORY MODULE	1155/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
	1155/50 	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	1	1	
	1155/14A 	-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5
	1155/13A 	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	
	1155/12A 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1155/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EMBEDDING BOXES	1155/63 	-	-	1	1	1	1	-	-	-	2	2	2	2	2	2	2	2	2	3	3	
	1155/62 	1	1	-	-	-	-	2	2	2	-	-	-	-	-	-	-	-	-	-	-	
	1155/61 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

- White.
- ▲ Black.
- Platinum.

● Colour.

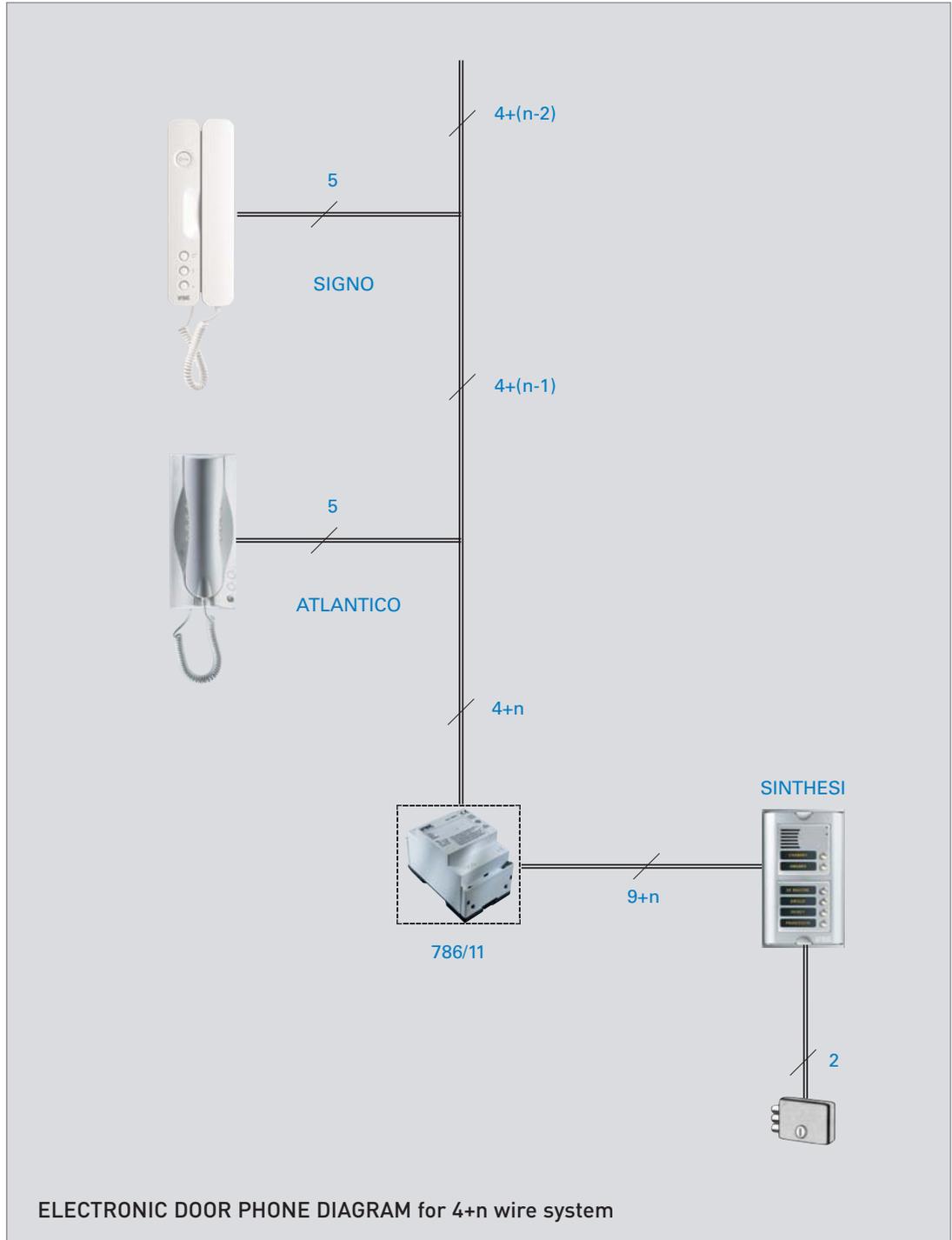
# 5 WIRES VIDEO DOOR PHONES

## K-STEEL PUSHBUTTON PANEL: WITH B/W CAMERA FROM 1 TO 20 BUTTONS (SIGNO B/W, ARCO)

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 B/W	1740/955 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1740/1 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ARCO	1705/955 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	1715/1 	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	
CAMERA MODULE	1755/30A 	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
MODULES WITH BUTTONS AND LOUDSPEAKING UNIT	1155/32A 	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	
	1155/31 	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	
	1155/30 	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	
SECURITY OF CONVERSATION	1145/74 	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	
FRAMES AND MODULE HOLDER	1155/93 	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	2	3	3	
	1155/92 	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-	-	-	
	1155/91 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MODULES WITH BUTTONS AND REPERTORY MODULE	1155/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	
	1155/50 	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
	1155/14A 	-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5
	1155/13A 	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	
	1155/12A 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1155/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EMBEDDING BOXES	1155/63 	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2	2	3	3	
	1155/62 	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-	-	-	-	-	
	1155/61 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



## 4+n DOOR PHONES

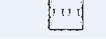


**SINTHESI PUSHBUTTON PANEL: FROM 1 TO 20 BUTTONS**  
 (ATLANTICO DOOR PHONE, SIGNO)

NO. BUTTONS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ATLANTICO DOOR PHONE	1133/1 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIGNO DOOR PHONE	1140/1  1140/41  1140/42 	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 HOLDER	1145/64 	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-
	1145/63 	-	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2
	1145/62 	-	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/61 	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1145/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/50 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-
	1145/14 	-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5
	1145/13 	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-
	1145/12 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	1145/22 	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
	1145/21 	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	1	-	-	-	-
	1145/20 	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1
EMBEDDING BOXES	1145/54 	-	-	-	-	-	-	-	-	-	1	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

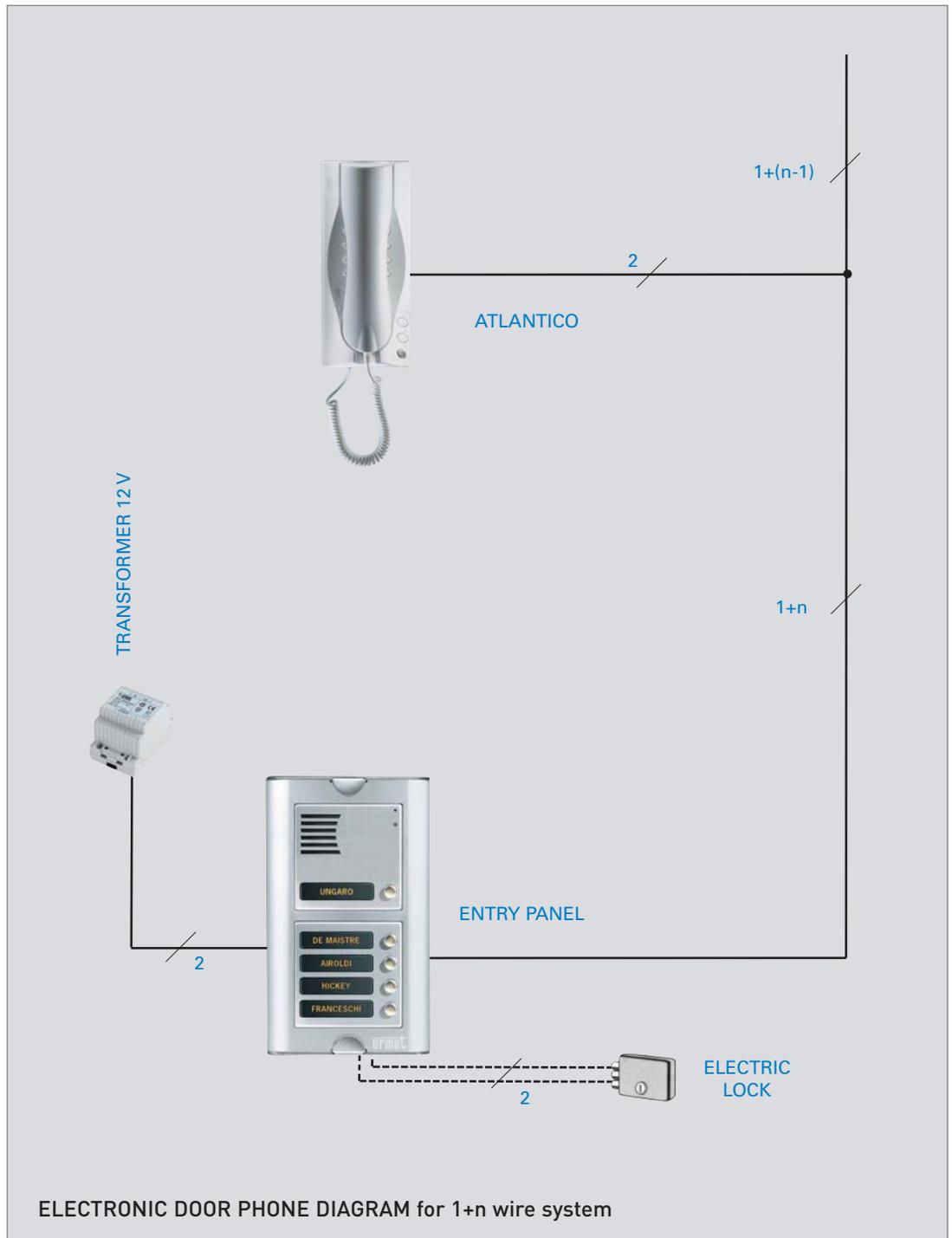
- White.
- ▲ Black.
- Platinum.

**K-STEEL PUSHBUTTON PANEL: FROM 1 TO 20 BUTTONS  
(ATLANTICO DOOR PHONE, SIGNO)**

NO. BUTTONS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ATLANTICO DOOR PHONE	1133/1 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIGNO DOOR PHONE	1140/1  1140/41  1140/42 	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 HOLDER	1155/93 	-	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2
	1155/92 	-	-	1	1	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-
	1155/91 	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1155/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1155/50 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-
	1155/14A 	-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5
	1155/13A 	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-
LOUDSPEAKING UNIT	1155/12A 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1155/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES ARRANGED FOR LOUDSPEAKING UNIT	1155/22A 	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
	1155/21 	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-
	1155/20 	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1	-	-	1	1
EMBEDDING BOXES	1155/63 	-	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2
	1155/62 	-	-	1	1	1	1	-	-	-	-	2	2	2	2	-	-	-	-	-	-
	1155/61 	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- White.
- ▲ Black.
- Platinum.

# 1+n DOOR PHONE





**SINTHESI PUSHBUTTON PANEL: FROM 1 TO 20 BUTTONS  
(ATLANTICO DOOR PHONE)**

NO. BUTTONS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
ATLANTICO DOOR PHONE	1133/35A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
TRANSFORMER	9000/230	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
FRAMES AND MODULE HOLDER	1145/64	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-	-	-	-	-
	1145/63	-	-	-	-	-	1	1	1	1	-	-	-	-	2	2	2	2	2	2	2
	1145/62	-	1	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/61	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MODULES WITH BUTTONS AND REPERTORY MODULE	1145/59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/50	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	-	-
	1145/14	-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	-	-
	1145/13	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	1	1	1
	1145/12	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
	1145/11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SECURITY OF CONVERSATION	1145/74	-	-	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	1145/22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1145/21	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-
	1145/20	-	1	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**K-STEEL PUSHBUTTON PANEL: FROM 1 TO 20 BUTTONS**  
(ATLANTICO DOOR PHONE)

NO. BUTTONS		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
ATLANTICO DOOR PHONE	1133/35A 	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
TRANSFORMER	9000/230 	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
FRAMES AND MODULE HOLDER	1155/93 	-	-	-	-	-	-	1	1	1	-	-	-	-	2	2	2	2	2	2	2	
	1155/92 	-	-	1	1	1	1	-	-	-	2	2	2	2	-	-	-	-	-	-	-	
	1155/91 	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MODULES WITH BUTTONS AND REPERTORY MODULE	1155/59 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	1155/50 	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	1	-	-	-	
	1155/14A 	-	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5
	1155/13A 	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-
	1155/12A 	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
	1155/11 	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SECURITY OF CONVERSATION	1145/74 	-	-	1	1	1	1	2	2	2	2	3	3	3	3	4	4	4	4	5	5	
MODULES WITH LOUDSPEAKING UNIT	1155/32A 	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	
	1155/31 	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	
	1155/30 	-	-	1	1	-	-	1	1	1	-	-	1	1	-	1	1	1	-	1	1	1
EMBEDDING BOXES	1155/63 	-	-	-	-	-	-	1	1	1	-	-	-	-	2	2	2	2	2	2	2	
	1155/62 	-	-	1	1	1	1	-	-	-	2	2	2	2	-	-	-	-	-	-	-	
	1155/61 	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

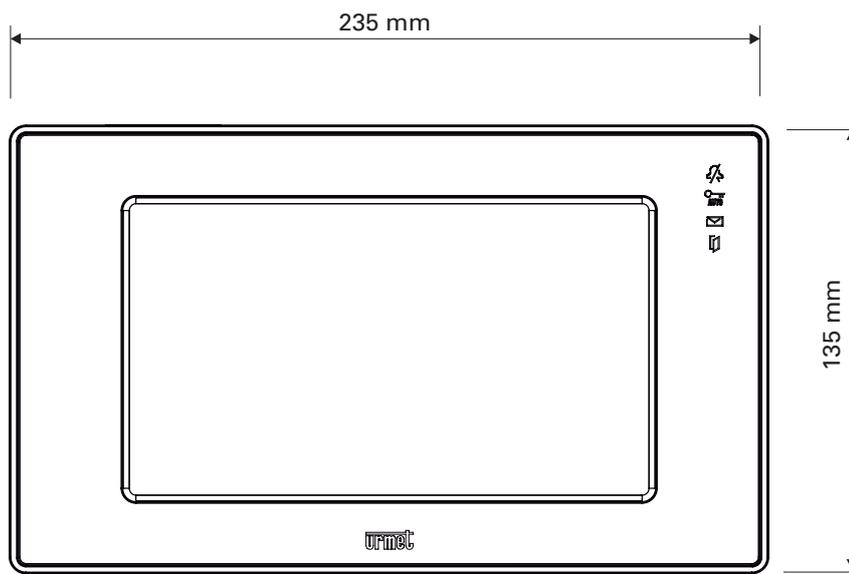
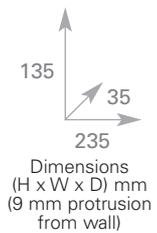
# DIMENSIONS



## MODO VIDEO DOOR PHONE

### COLOUR VIDEO DOOR PHONE

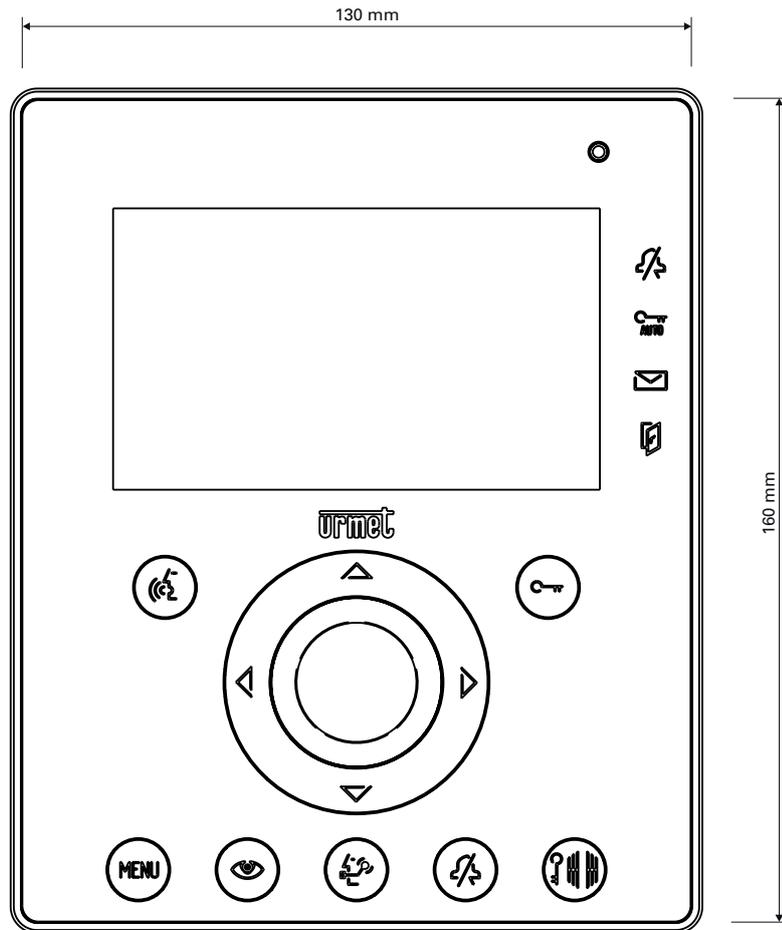
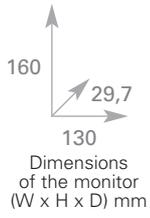
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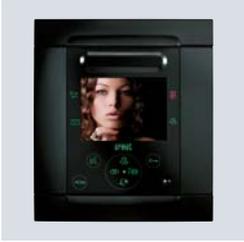


# DIMENSIONS

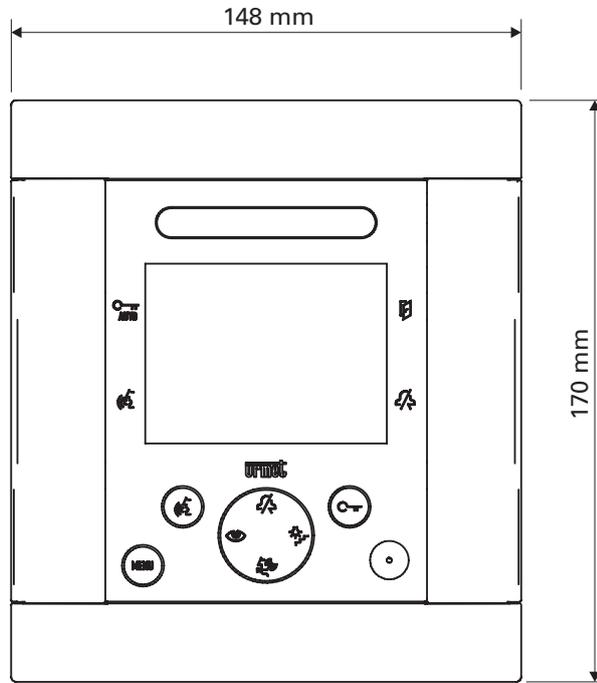


## AIKO VIDEO DOOR PHONE

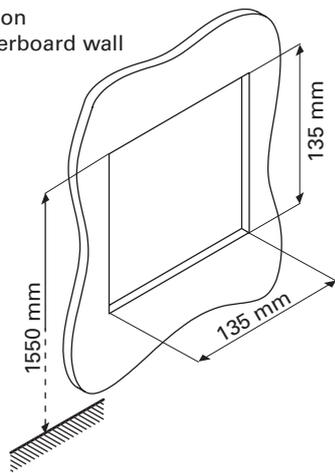




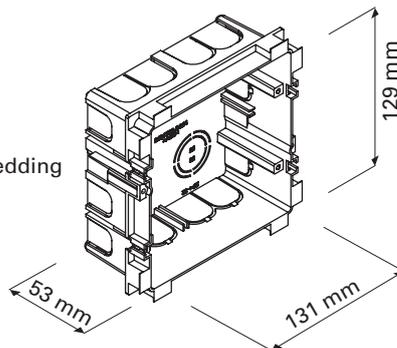
## FOLIO HANDSFREE VIDEO DOOR PHONE



Installation  
on plasterboard wall

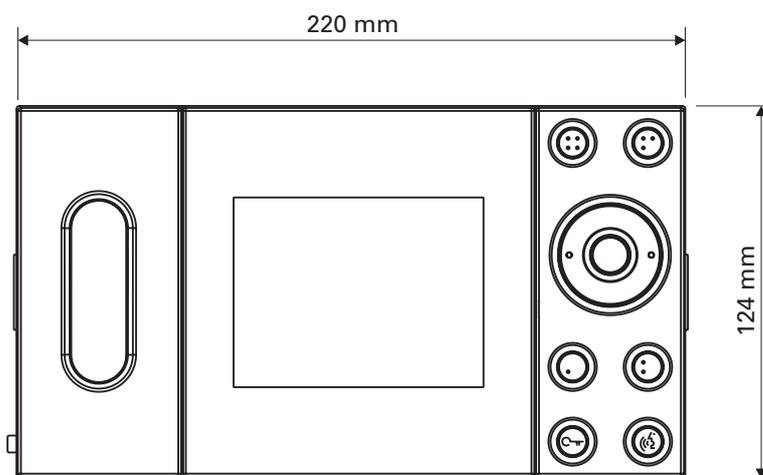
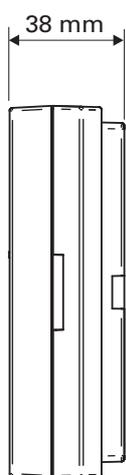


Embedding  
box



# DIMENSIONS

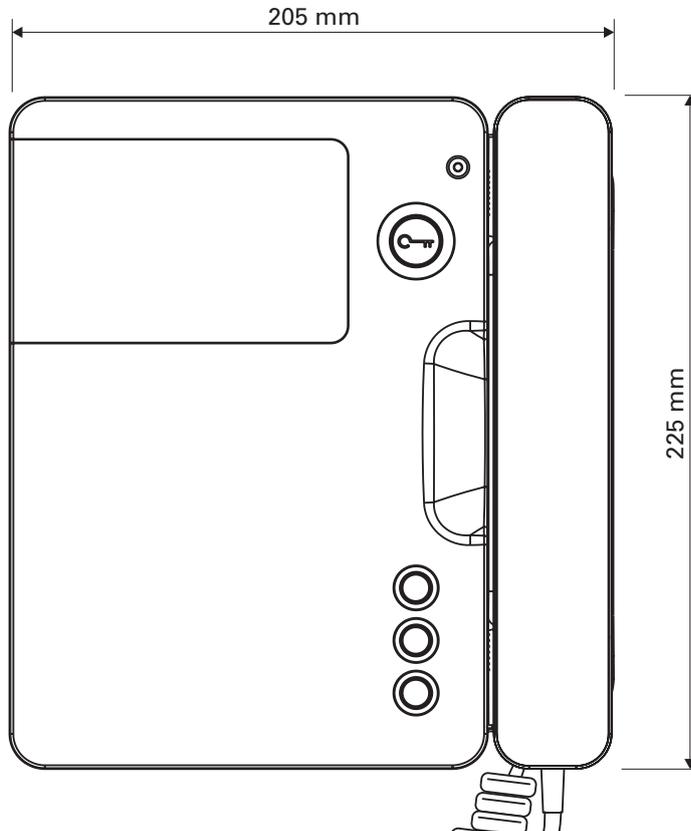
## IMAGO HANDSFREE VIDEO DOOR PHONE





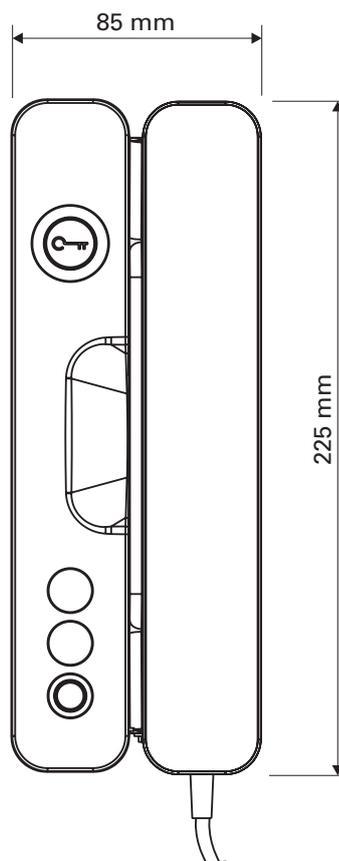
### SIGNO VIDEO DOOR PHONE AND DOOR PHONE COLOUR AND B/W VIDEO DOOR PHONE

225  
50  
246  
Dimensions of the monitor with add-on (W x H x D) mm



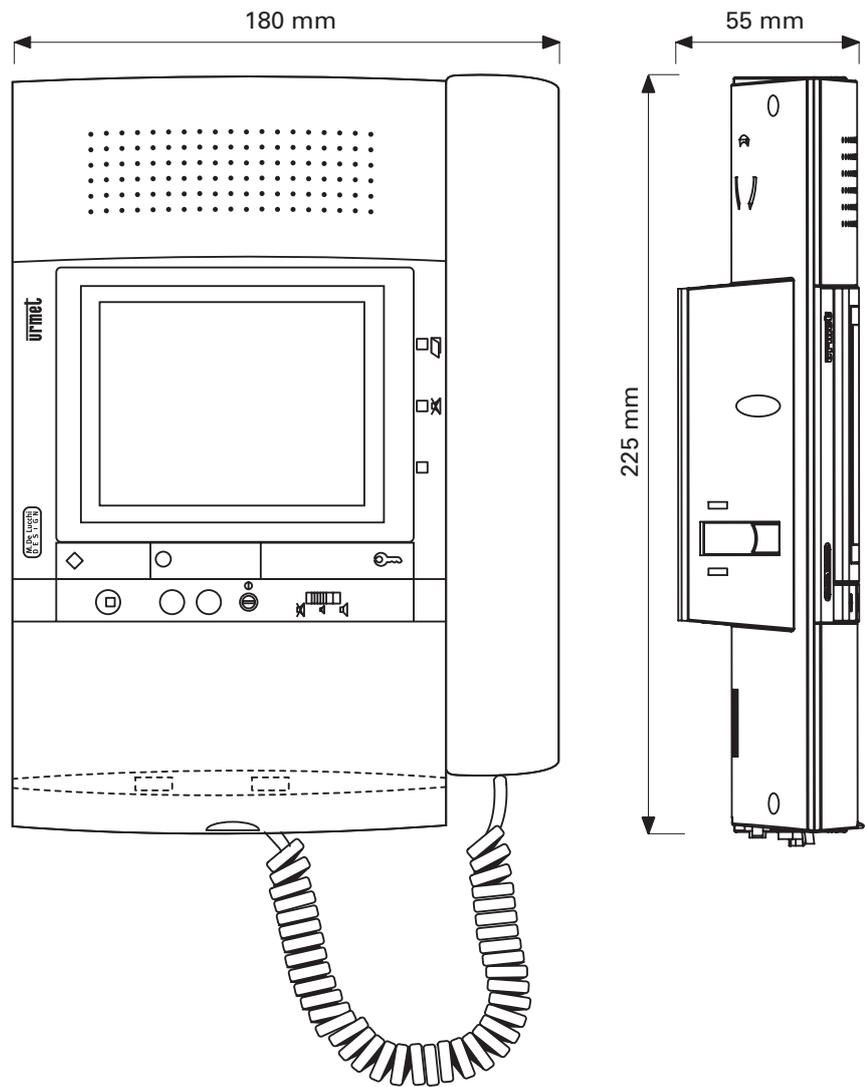
### DOOR PHONE

225  
42  
106  
Dimensions of the monitor with add-on (W x H x D) mm



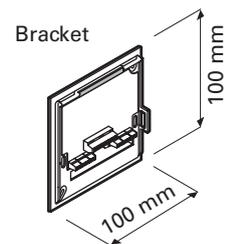
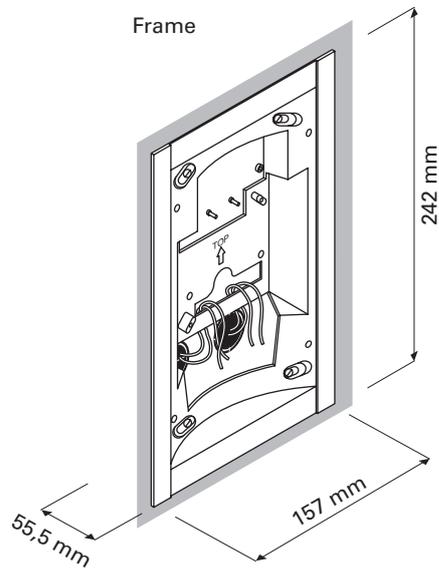
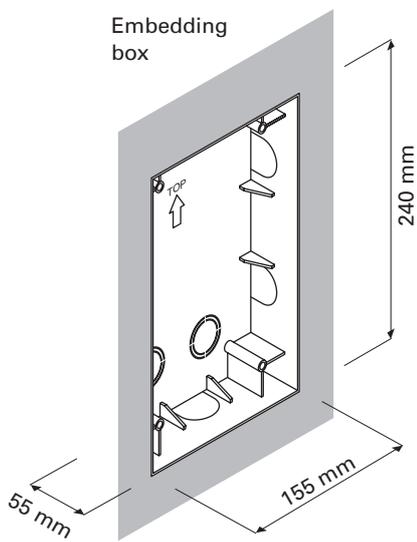
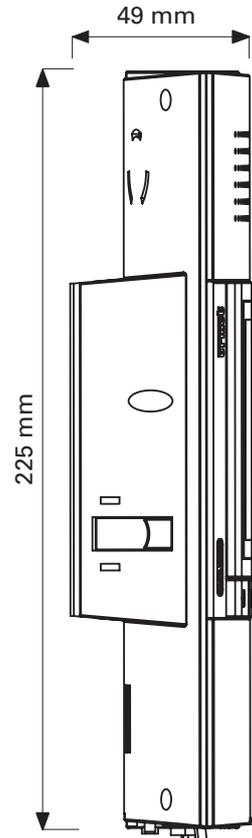
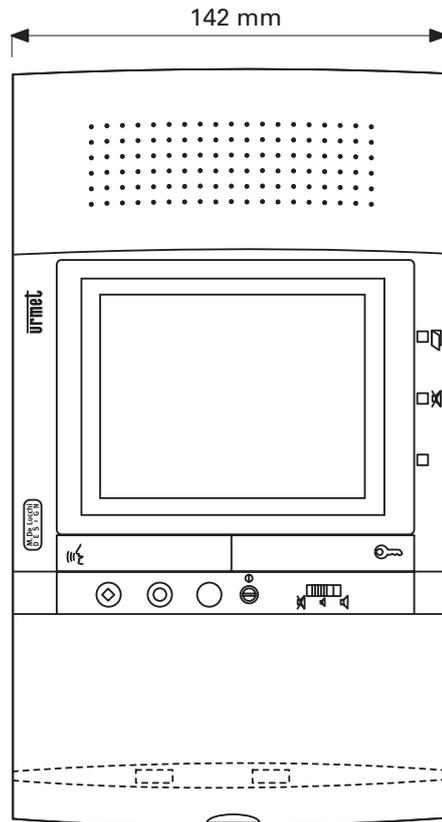


## UTOPIA VIDEO DOOR PHONE HANDSET VERSION



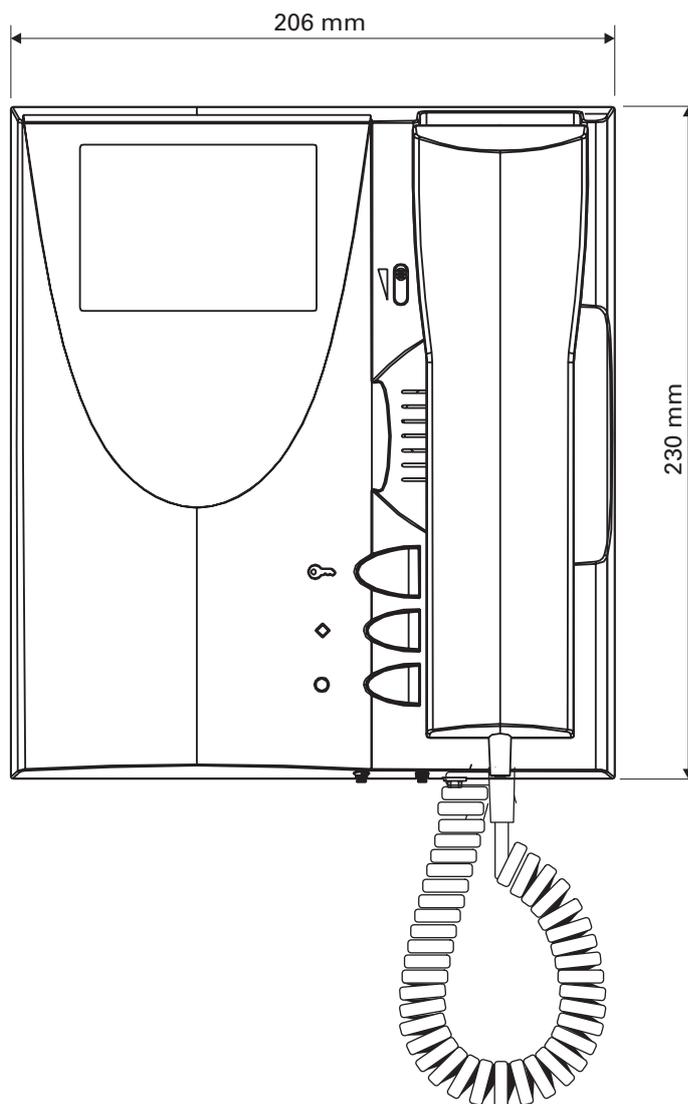


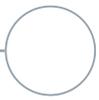
## UTOPIA VIDEO DOOR PHONE HANDSFREE VERSION



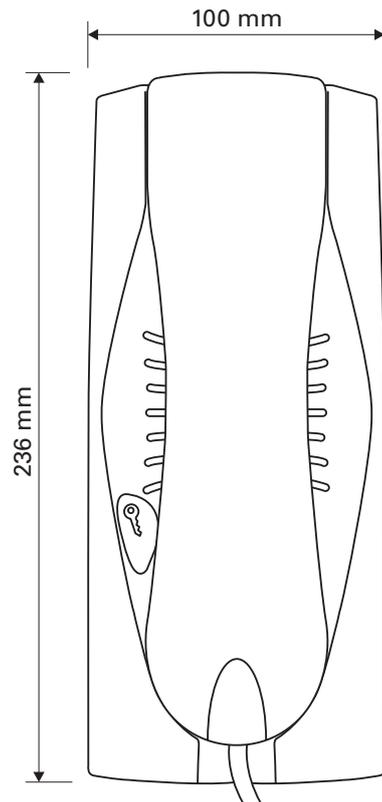


### ARCO VIDEO DOOR PHONE



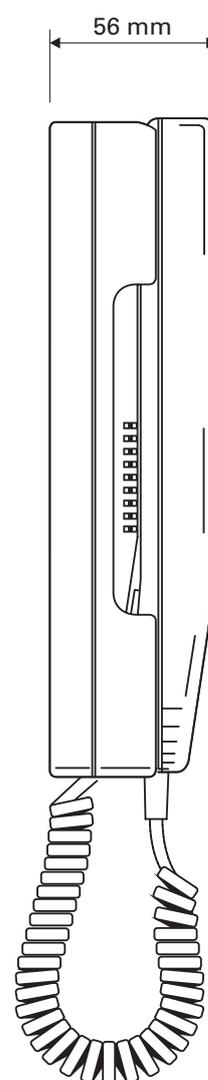
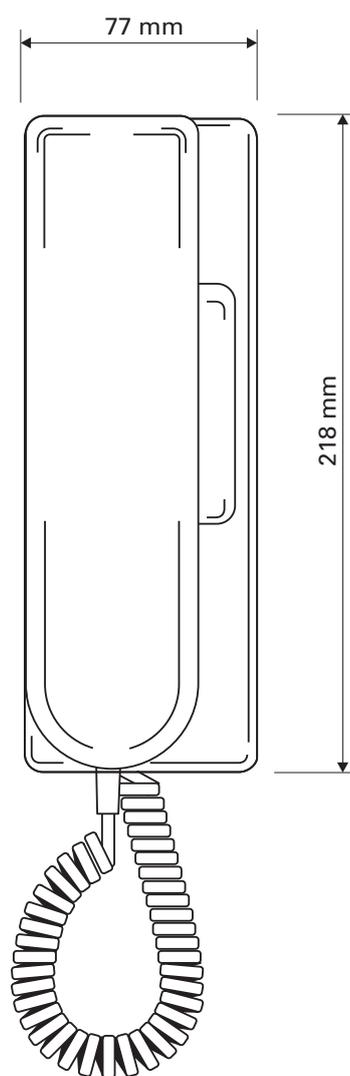


### ATLANTICO DOOR PHONE



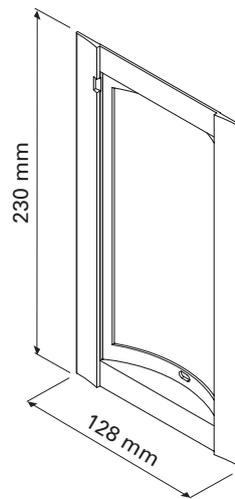
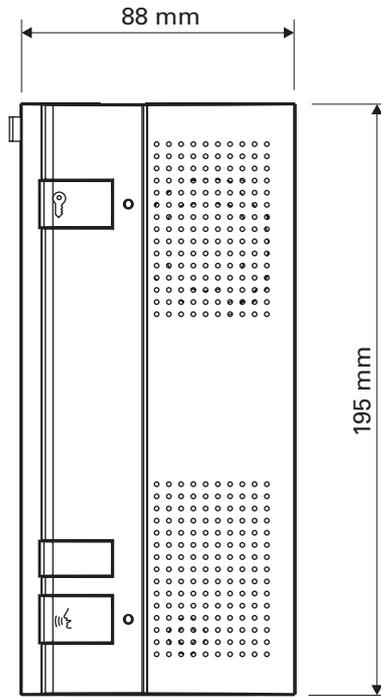


MOD. 1130 DOOR PHONE

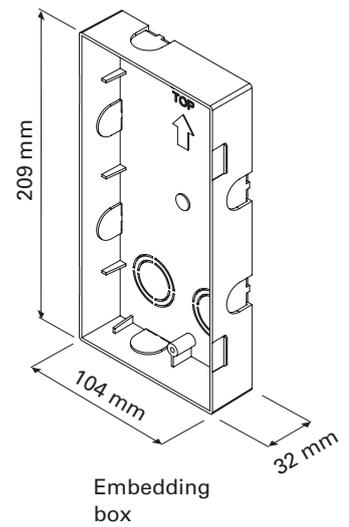




## DUO HANDSFREE DOOR PHONE



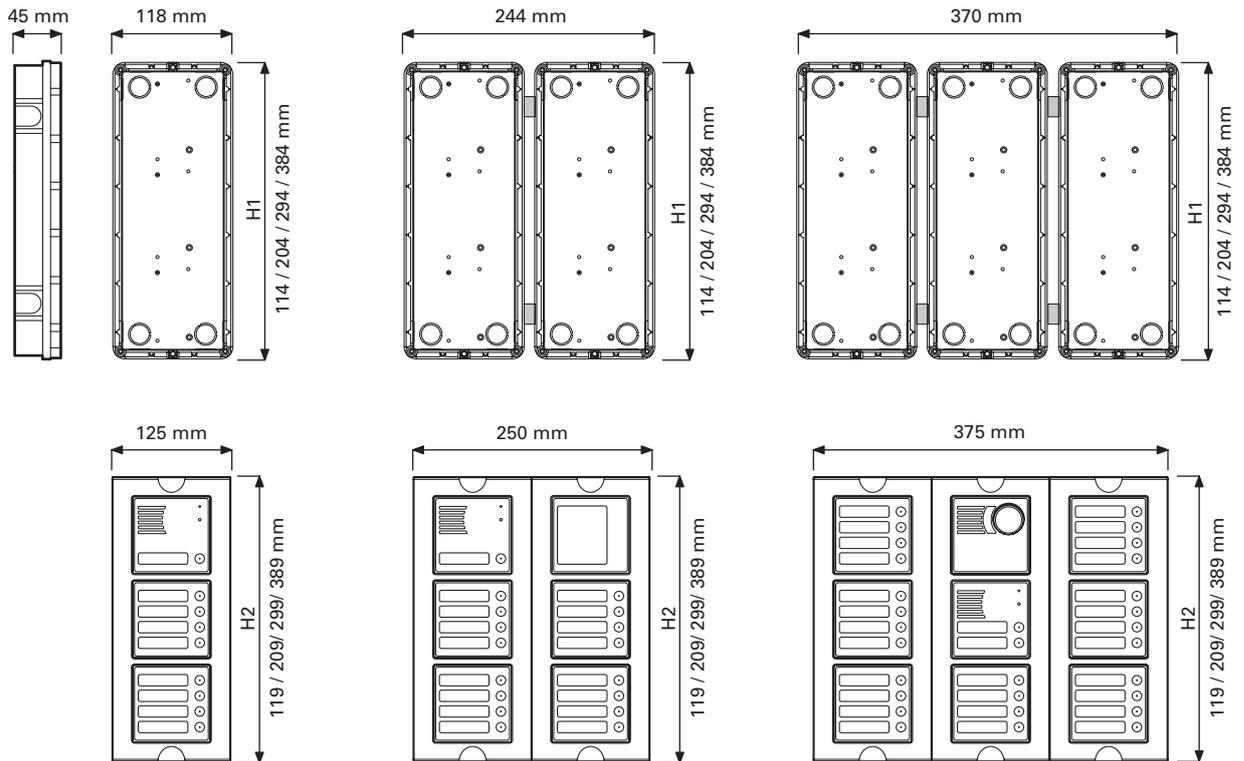
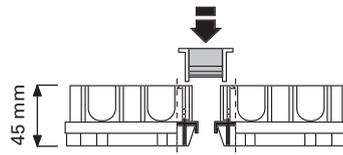
Frame



# DIMENSIONS

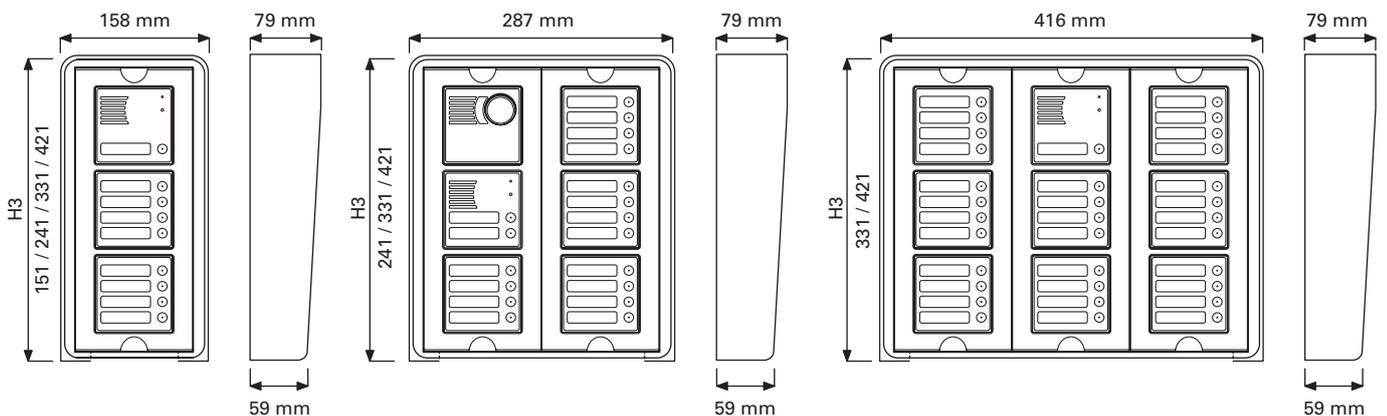


## SINTHESI ENTRY PANEL FLUSH-MOUNTED VERSION



NOTE: H1 = 114, 204, 294, 384 indicates flush mounting height and H2 = 119, 209, 299, 389 indicates to total height relative to 1, 2, 3 and 4 module versions.

## WALL-MOUNTED VERSION

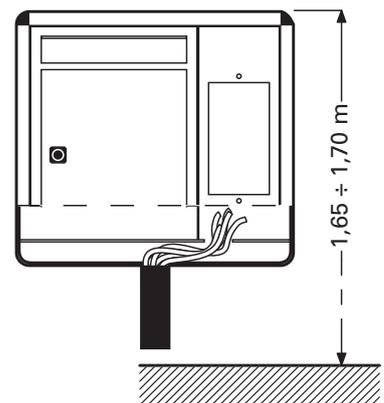
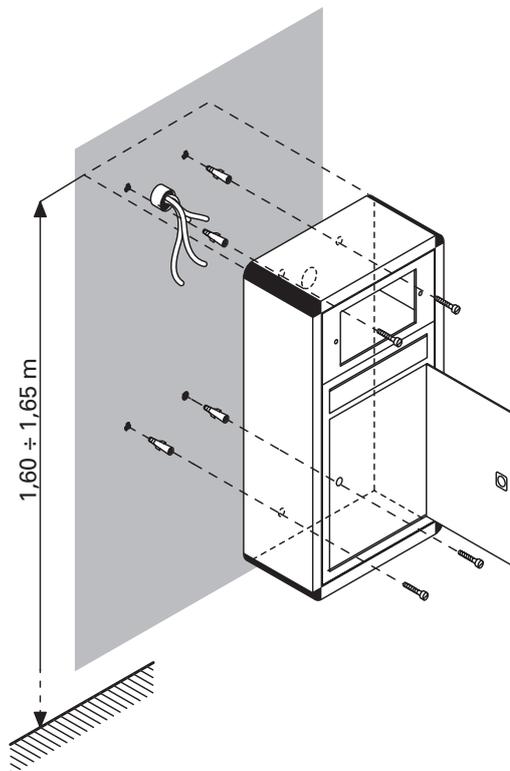
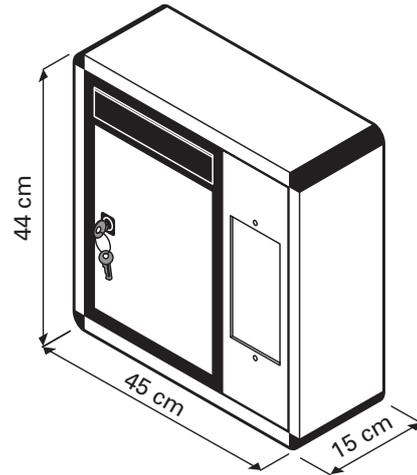
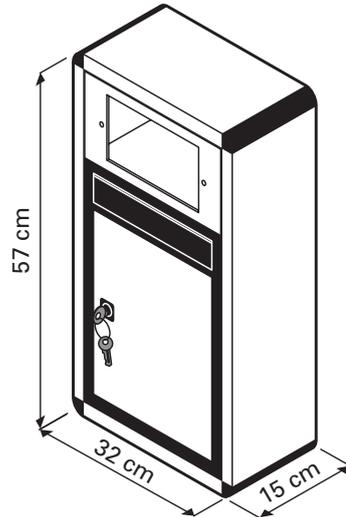


NOTE: H3 referred to the total height may differ according to the number of modules that the case may contain.



## SINTHESI ENTRY PANEL WITH POSTALBOX

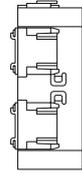
### ENTRY PANEL INSTALLATION IN POSTALBOX



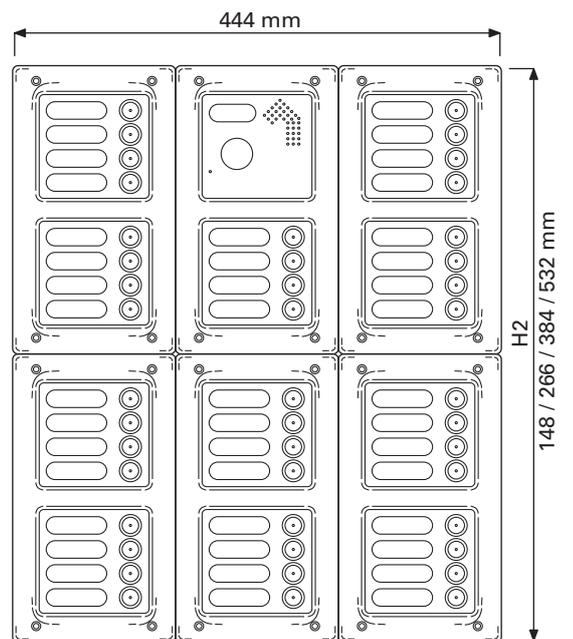
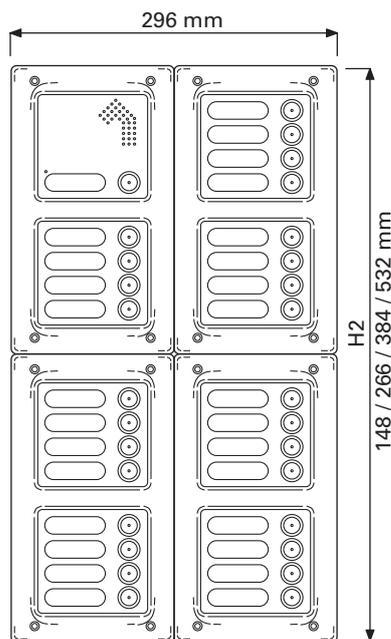
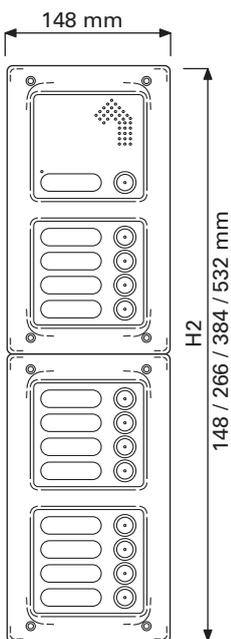
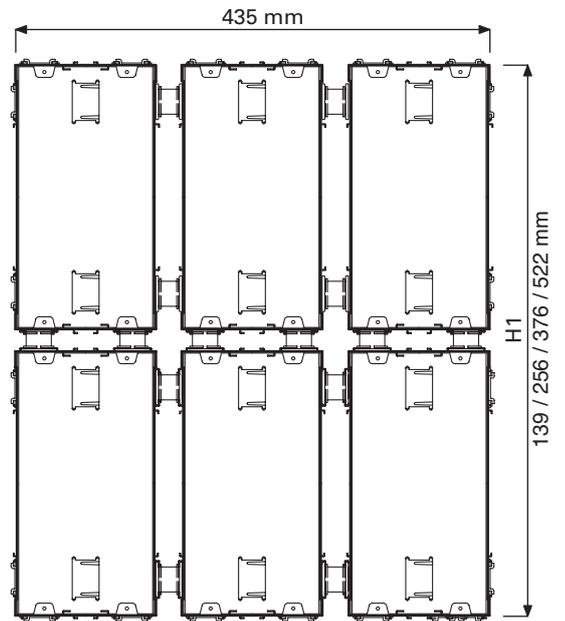
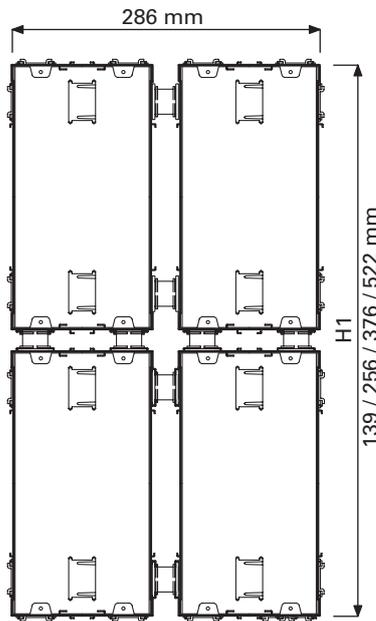
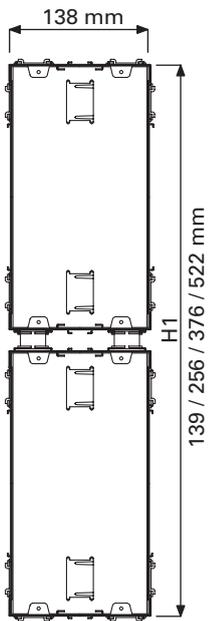
# DIMENSIONS



## K-STEEL ARMORED ENTRY PANEL



55 mm

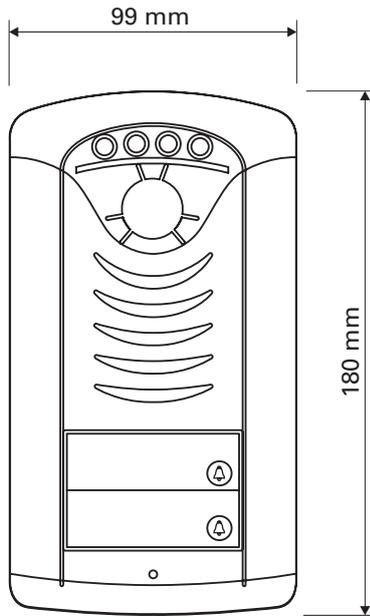


NOTE: H1 = 139, 256, 376, 522 indicates flush mounting height and H2 = 148, 266, 384, 532 indicates to total height relative to 1, 2, 3 and 4 module versions.

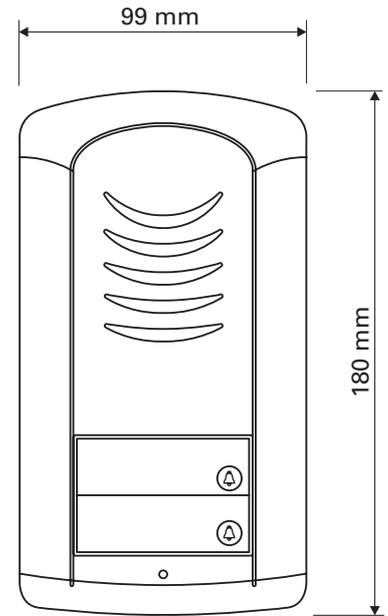


## SMYLE ENTRY PANEL

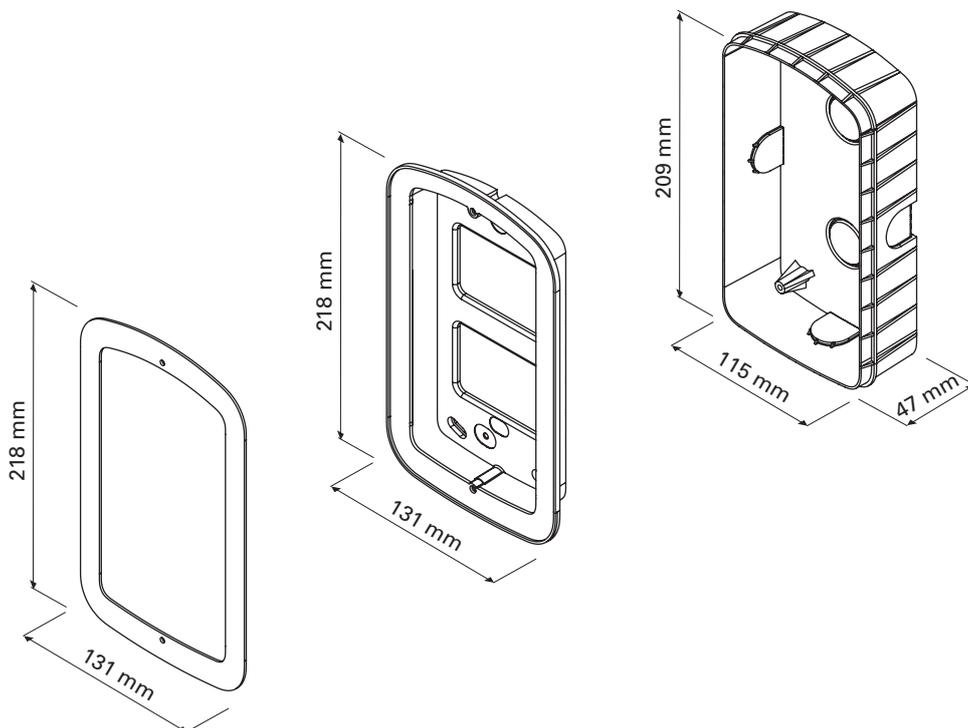
### VIDEO DOOR PHONE VERSION



### DOOR PHONE VERSION

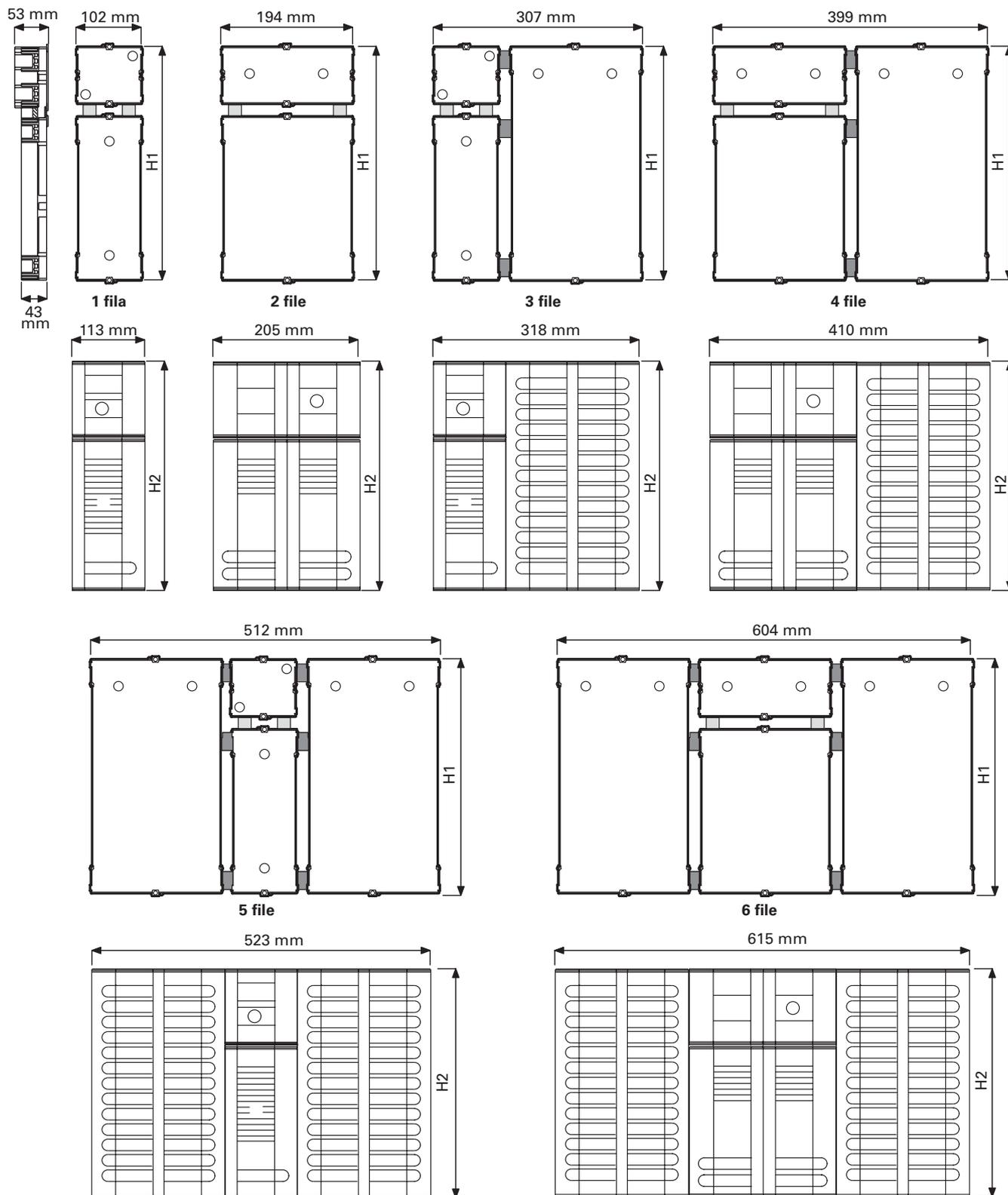


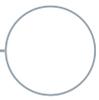
### EMBEDDING BOX AND FRAME





**MOD. 725 ENTRY PANEL**  
**VIDEO DOOR PHONE SYSTEM**



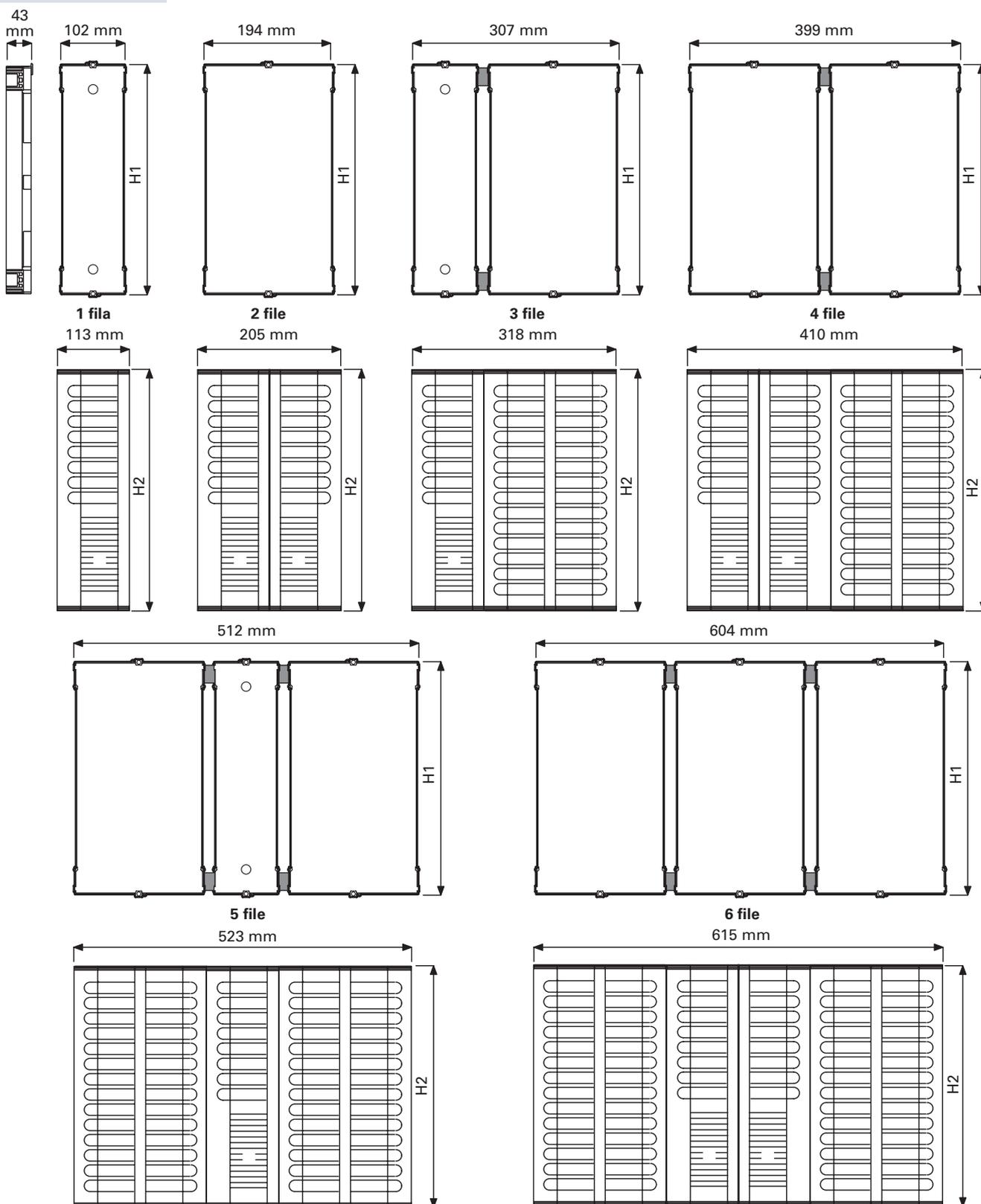


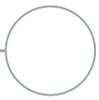
**DIMENSIONS VIDEO DOOR PHONE SYSTEM**

Dimension HEIGHT (mm)		Number of buttons on entry panel					
Flush H1	Front H2	1 row	2 rows	3 rows	4 rows	5 rows	6 rows
297	312	-	4	-	-	-	-
321	336	-	6	-	30	-	-
345	360	1-2	8	27	-	53	60
369	384	-	10	-	38	-	66
393	408	3-4	12	-	-	-	-
417	432	5	14	-	-	-	-
441	456	6	16	40	50	74	84
465	480	7	18	-	-	-	-
489	504	8	20	-	-	-	-
513	528	-	22	-	-	-	-
537	552	-	24	-	-	-	-
561	576	-	26	-	-	-	-
585	600	-	28	-	-	-	-
Dimension WIDTH (mm)	Flush	102	194	307	399	512	604
	Front	113	205	318	410	523	615



**MOD. 725 ENTRY PANEL**  
**DOOR PHONE SYSTEM**





**DIMENSIONS DOOR PHONE SYSTEM**

Dimension HEIGHT (mm)		Number of buttons on entry panel					
Flush H1	Front H2	1 row	2 rows	3 rows	4 rows	5 rows	6 rows
177	192	-	4	-	-	-	-
201	216	-	6	-	-	-	-
225	240	1-2	8	-	-	-	-
249	264	-	10	-	-	-	-
273	288	3-4	12	-	32	-	-
297	312	5	14	-	-	-	-
321	336	6	16	30	40	-	-
345	360	7	18	33	44	-	70
369	384	8	20	36	48	64	76
393	408	-	22	-	-	-	-
417	432	-	24	-	-	-	-
441	456	-	26	-	60	-	94
465	480	-	28	-	-	-	-
Dimension WIDTH (mm)	Flush	102	194	307	399	512	604
	Front	113	205	318	410	523	615



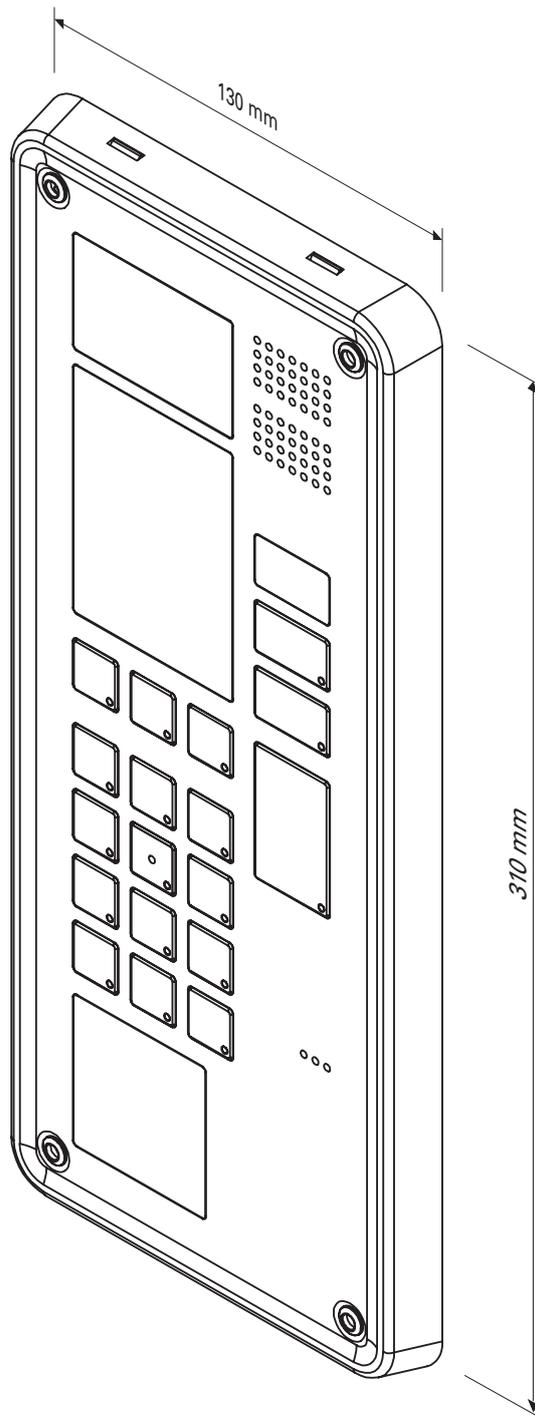


## ELEKTA STEEL VIDEO DOOR PHONE ENTRY PANEL

### COLOURS

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310  
42  
130  
Compact dimensions  
(H x W x D) mm  
(16 mm protruding)



# COMMERCIAL INFO

## COMMERCIAL ORGANIZATION

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#### AUSTRIA

##### DIALOG GmbH

Vienna • Phone +43 1 8153508  
www.dialog-urmet.at  
info@dialog-urmet.at

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##### URMET BELGIUM SPRL

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post@urmetdomus.no

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www.urmet-captiv.fr  
mkt@urmet-captiv.fr

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##### GROTHER GmbH

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www.grothe.de  
info@grothe.de

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