

GENERAL
CATALOGUE

2013
2014

VIDEO-DOORPHONE SYSTEMS
TELEPHONY
INTRUSION ALARM SYSTEMS



| | | |
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Urmet. Quality Communication and Security.

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



All Urmet products bear the **CE** mark.

2Voice, IperVoice, IperHome, IperView, Ago, Agorà, Aiko, Arco, Atlantico, BiBus Vop, DigiVoice, Duo, Elekta, Elekta Steel, Exigo, Folio,

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THE URMET GROUP

Urmet Group. Communication, security and energy. All over the world, in every project.

Urmet Group is integration of competencies and international dimension, to offer global solutions to its partners. Born in Italy, it was able to develop internationally and now it has a significant presence on the world market. Our Group designs, develops and markets

products and systems in the communication and security sectors, as well as in energy management and saving and telecommunications. In Italy it is a leader in the video doorphone and telephone systems, in access automation and

control, in professional intrusion alarm, fire alarm and video surveillance; from private homes to town redevelopment planning, up to large public infrastructures. It is as a global partner for product quality and service effectiveness.



SYSTEMS FOR INTEGRATED COMMUNICATION AND SECURITY

Systems and Products for Video Doorphone, Intrusion Alarm, Access Control, Fire Alarm, Video Surveillance, Residential applications.



SYSTEMS FOR ENERGY MANAGEMENT AND SAVING

Photovoltaic, Wind Power, Hydroelectric Power, Geothermal Energy, Biomass. Heat Metering and Management Systems.



TELECOMMUNI- CATION SYSTEMS AND SOLUTIONS

Terminals, Telemetry Systems, Road Lighting, Public Telephone Network Systems, Heat Exchangers, Transport, Remote Management Systems.



URMET IS IN YOUR LIFE

Urmet. In everybody's life. Every day.

Urmet is an Italian company established in 1958. It designs, develops and sells building automation products and systems. A communication and security specialist, the company stands out for its flair for innovation and for the development of kits that speed up installation and simplify function

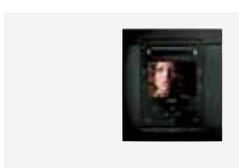
management, for residential, office and industrial buildings. The broad range of products provides an exhaustive choice of technological and aesthetic solutions. Video Doorphone and Doorphone Systems, Telephony, Room Control, Professional Intrusion Alarm, Video Surveillance and Fire Alarm systems: solutions

for every industry, developed in line with market demands. Urmet has an extensive and reliable service network. Customers also enjoy the benefits of Urmet's sales network, which has a widespread presence on the territory with several sales offices nationwide.

COMMUNICATING

PROTECTING

technical info



COMMUNICATING

Technological solutions for Doorphone, Video Doorphone and Telephony systems.



PROTECTING

Intrusion Alarm, Fire Alarm and Video Surveillance systems and devices.



KITS

Ready solutions to meet Communication and Security needs.

Catalogue guide

COMMUNICATING ACCORDING TO URMET

The WHITE section presents the products and all-in-one kits of the Doorphone, Video Doorphone and Telephony areas. This section includes the Digital and Analogue Video Doorphone Systems, Apartment and Outdoor Stations, as well as the full range of Analogue Telephony and VoIP devices.

PROTECTING ACCORDING TO URMET

The BLACK section describes the products and all-in-one kits of the Intrusion Detection, Fire Alarm and Video Surveillance areas. In this section you will find scalable wired and wireless technology systems, detectors, cameras and video surveillance systems, accessories and functional integration solutions.

technical info

The GREY appendix contains the technical data sheets with product dimensions.

SERVICES

URMET:
OUR SYSTEM IS
CENTRED AROUND
OUR CUSTOMERS

Pre-sales and after-sales services

SALES NETWORK

Urmecomp accompanies its customers in all their working phases, from the choice of the best solution to assistance in guaranteeing a complete and accurate service. The sales network is diffused all over the national territory.

Urmecomp customer service responds in real time to doubts or installation needs and the Service Centres are specialised so as to assure competent and punctual support.

Software



DOMUS DRAW

An **automatic quoting** system, with a simple interface allows to visualise and choose the components of the installation and to obtain the quote in just one click. A practical, useful and always updated tool.



DOC PROGET

This Urmecomp software has been thought for those who need to design doorphones or video doorphones: all you need is to indicate the desired system and the number of users and Doc Proget will supply **all the specifications with the complete solutions of the required components.**

Technical documentation

TECHNICAL HANDBOOKS

Technical data, equipment and installation systems: a collection of all data indispensable for work. An effective support for study and widening possibilities.



Web

www.urmet.com

The Urmet website has been thought as a valid work support which helps the designer, the wholesaler and the installer in finding all technical data useful to their work. Moreover, a wide space for images and the presentation of the new products permits customers and architects to always be updated on the evolution of the product range.

www.2voice.it

A website dedicated to Urmet's two-wire system - a complete series of advantages, functionalities and installation options illustrated by means of explanatory videos. Moreover, in the website it is possible to download the records, tables and application diagrams and discover the new system upgrades. And from today on one more tool: the **DRAW**_{voice} online configuration tool, with which it is possible to obtain the list of materials and the price list estimate of the desired system in just a few moves.

www.ipervoice.it

No-limits performances with IPerVoice, the CAT5/5e/6 video doorphone system, which gives integrated performances (video surveillance, access control, intrusion alarm, etc.) and maximum extension of risers, of number of exchanges and users, with no distance limits. It is the ideal solution to simplify installation in large residential complexes. In the website it is possible to look up all the functionalities and updates in terms of product novelty and system integrations.

NEWSLETTER

Product novelties, events, promotions and courses: **the voice from the Urmet world** for a continuous updating on the Group's offers. To receive the newsletter, please register to www.urmet.com

Training

COURSES

Meetings to present novelties, courses on new systems and products - opportunities to develop direct contacts with clients and furnish answers to their needs.

SHOWCASE

IperHome

IperHome is the name of Urmet's new home automation system capable of integrating all functions offered in the catalogue: video doorphone, communication, security, consumption metering and smart energy management can now be merged into a remotely controlled system the coordinates the operation of the different systems to create a living environment tailored to individual needs.

i-Modo

The IP video doorphone monitor with 7" colour touch screen is designed to provide the utmost performance thanks to the advanced communication functionalities of its IperVoice system. i-Modo can also be used to control the home automation system, view video surveillance images and access multimedia functions such as image viewing and MP3 playing.

Sinthesi Steel

The new modular vandal resistant entry panel is smarter, stronger and more beautiful. Contemporary design, brushed steel casing with flush buttons, 120 wide-angle camera, IK09 impact resistance, IK45 seepage, pre-wired modules, snap-on assembly of all parts and installation with Torx screws. Special modules for disabled persons. Compatible with Sinthesi and K-Steel flush-mounting metal boxes.

NEW AT URMET:
HOME AUTOMATION
VIDEO DOORPHONE FUNCTION

| iPer
| home |

IPERHOME
Total control



i-MODO
Style is soft-touch
P. 54



SINTHESI STEEL
The line of elegance
P. 98

* Please contact sales network to enquire about availability.



Kit Note

2-wire video doorphone kits with Aiko monitor and Mikra entry panel, one-family and two-family versions. Door and second entry opening, staircase lights control, audio and video message recording, access control, integration of up to 4 security cameras, compatible with induction loop antenna for hearing-aid users.

Agorà 4

New PABX with 2 lines and 8 extensions in the base configuration supports up to 4 lines and 20 extensions. Autoconfiguration of expansion boards, VoIP-ready, carrier selection based on traffic type (national, international, mobile), fax recognition. Compatible with Urmet doorphone and video doorphone systems. Remote door opener with caller ID.

Wired intrusion alarm

The range 1061 grows. The new control unit 1061/103 features three lines and is the ideal choice for the home, as well shop and office applications: it is powerful yet easy to program and operate. It supports system splitting, communicates over a BUS line and is also available with two new intrusion alarm kits.

PREVIEW OF NEW
KITS AND SYSTEMS:
TELEPHONY
VIDEO SURVEILLANCE
VIDEO DOORPHONE FUNCTION
INTRUSION ALARM



KIT NOTE

All-round convenience
in one box
P. 142



AGORÀ 4 *

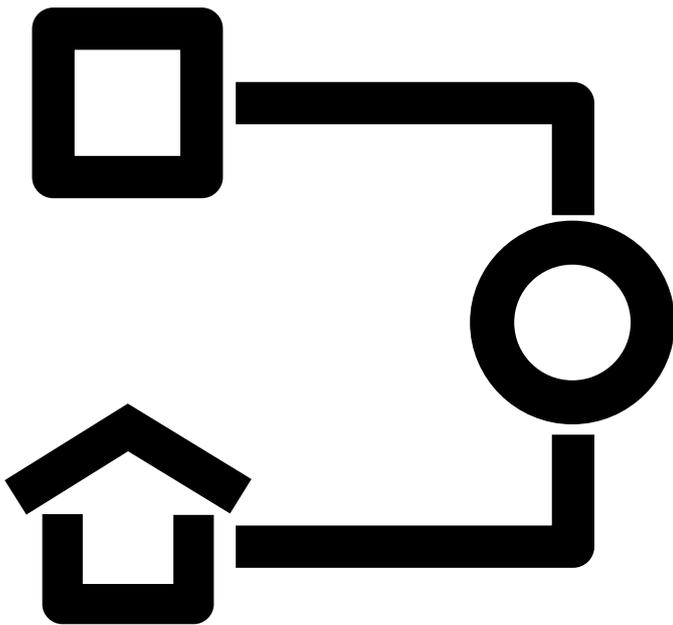
Autoconfigurable
and expandable
Pag. 120



KIT 1061

Easy to programme,
simple to use
P. 165

* Please contact sales network to enquire about availability.





IPERVOICE
2VOICE
BIBUS VOP
DIGIVOICE
ANALOGUE SYSTEM
RINGERS

VIDEO-DOORPHONE SYSTEMS

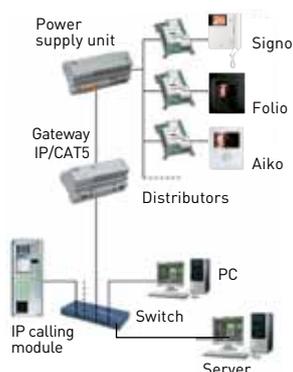
SYSTEM GUIDE

SYSTEMS WITH A LOW NUMBER OF WIRES

IperVoice pag. 16

Advantages and applications:

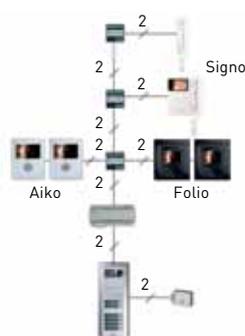
Maximum extension: no limit to the number of users, riser columns, switchboards and conversations. Optical-fibre-ready. Ideal for large residential compounds with high integration needs (access control, switchboards, intrusion alarm systems, video surveillance systems, intercom systems). Self-diagnostic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



2Voice pag. 24

Advantages and applications:

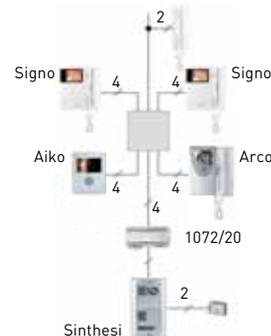
Two non-polarised wires THROUGHOUT for quick and easy installation. Ideal for villas and large residential complexes alike: 4 main entrances, 32 risers, 128 users per riser column for a total of 4096 users. Free intercom function with four monitors in parallel, integral video surveillance, second entrance management.



Bibus VOP pag. 34

Advantages and applications:

VOP technology for creating doorphone 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 doorphone systems.



COMPARISON TABLE

| | IperVoice | 2Voice | Bibus VOP |
|---|-------------------------|---------------------------|-------------------------|
| No. of users | No limit | 4096 | 256 |
| Distance between call module and apartment station | YES | 1000 m | 600 m |
| Mixed audio/video | YES | YES | YES |
| Conversation privacy | YES | YES | NO |
| Intercom function | YES | YES | YES |
| Main/secondary doors | No limit | 4 main + (32x2) secondary | 12 o 2+10 sec. |
| Access control integration | YES | YES | YES |
| Connection options PABX | NO | YES | YES |
| Compatibility with video surveillance system | YES | YES | NO |
| Technological alarm compatibility | YES | NO | NO |
| Switchboard | YES (No limit) | YES (1) | YES (1) |
| Use of existing wiring | NO | YES | YES |
| Wire | 1039/90 (not mandatory) | 1083/90 (not mandatory) | 1074/90 (not mandatory) |
| Kit | NO | 1783 SERIES | NO |

APPLICAZIONI

| | IperVoice | 2Voice | Bibus VOP |
|-----------------------|-----------|--------|-------------------|
| Small systems | NO | YES | NO |
| Medium systems | YES | YES | YES |
| Large systems | YES | NO | YES (with limits) |



| | ANALOGICAL VIDEO SYSTEMS | | ANALOGICAL AUDIO SYSTEMS | |
|---|---|---|--|--|
| Digivoice pag. 36 | Coax pag. 41 | 5 Wire pag. 41 | 4+n pag. 41 | 1+n pag. 41 |
| <p>Advantages and applications: 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. Up to 5 concierge switchboards. Two conversations at the same time from two main stations.</p> | <p>Advantages and applications: Large distances between camera and monitors. 4+n doorphone with electronic call are used. Very high number of configurations with b/w and colour video doorphones.</p> | <p>Advantages and applications: Derived from the 1+n audio system for transforming 4+n audio system into video systems without adding a coaxial cable.</p> | <p>Advantages and applications: Traditional and electronic call doorphone are used. Systems with intercom service and conversation privacy function to door unit and systems with several automatically switching entrances can be made.</p> | <p>Advantages and applications: and applications: Ideal for transforming a typical door bell system into complete doorphone system without needing to add wires to the riser column. Conversation privacy guaranteed between apartments.</p> |
| 3200 | 20 | 20 | 20 | 20 |
| 3500 m | 300 m | 200 m | 300 m | 200 m |
| YES | YES | YES | NO | NO |
| YES | NO | YES | NO | YES |
| YES | YES | NO | YES | NO |
| 999 | 4 main or 1 main + No. secondary | 4 main. | 4 main or 1 main + No. secondary | 4 main. |
| YES | YES | YES | YES | YES |
| YES | YES | YES | YES | YES |
| YES | NO | NO | NO | NO |
| NO | NO | NO | NO | NO |
| YES (5) | NO | NO | NO | NO |
| NO | YES | YES | YES | YES |
| NO | Coax Rg59 | NO | NO | NO |
| NO | 1715 series | 1715 series | 1133 series | NO |
| NO | YES | YES | YES | YES |
| YES | YES | YES | YES | YES |
| YES | NO | NO | NO | NO |

| | | IPERVOICE | 2VOICE | BIBUS VOP | DIGIVOICE |
|-----------------------------------|---|-----------|--------|-----------|-----------|
| i-MODO |  | YES | NO | NO | NO |
| MODO mod. 1717 |  | YES | YES | NO | NO |
| AIKO mod. 1716 |  | YES | YES | NO | NO |
| FOLIO mod. 1706 |  | YES | YES | NO | NO |
| NEXO mod. 1708 |  | YES | NO | NO | NO |
| SIGNO mod. 1740-1140 |  | YES | YES | YES | YES |
| ARCO mod. 1715 |  | NO | NO | YES | YES |
| ATLANTICO mod. 1133 |  | NO | YES | YES | YES |
| 1130 mod. 1130 |  | NO | NO | NO | NO |

COMPATIBILITY TABLE ENTRY PANELS

SYSTEMS WITH A LOW NUMBER OF WIRES

| | | IPERVOICE | 2VOICE | BIBUS VOP | DIGIVOICE |
|--|---|-----------|--------|-----------|-----------|
| ELEKTA STEEL mod. 1039/18 |  | YES | NO | NO | NO |
| ELEKTA mod. 1039/13 |  | YES | NO | NO | NO |
| TITANIUM |  | YES | YES | YES | YES |
| EXIGO |  | NO | YES | YES | YES |
| SINTHESI STEEL mod. 1155-1755 |  | YES | YES | YES | NO |
| SINTHESI mod. 1145-1745 |  | YES | YES | YES | YES |
| 925 mod. 925 |  | NO | NO | YES | YES |
| MIKRA |  | NO | YES | NO | NO |



IP TECHNOLOGY
INTEGRATED SOLUTIONS
FOR SMART BUILDINGS



1 type of cable for the whole system. **Unlimited extension**, risers, users and functions. Integrated functions connected to video-doorphone service. All devices and functions are installed directly in the system, **with no need for additional wiring**.

Ideal for

- Large residential complexes
- Applications with complex communication, security and integration needs

IPERVOICE: TOTAL INTEGRATION, NOTHING IS IMPOSSIBLE

First digital system entirely over
CAT5/5E/6 cable or fiber optics

IperVoice is ideal for **large complexes** and offers unlimited:

- extension and distance
- risers
- number of exchanges
- number of users
- number of calls at the same time (inside and outside apartment)

FUNCTIONS

A broad range of functions can be installed directly in the system with no need for additional wiring. All controls are available at the indoor video-doorphone monitor, turning the concierge evolves into a control centre that gathers all building information in terms of:

- VIDEO SURVEILLANCE
- EXCHANGE
- INTRUSION DETECTION
- ACCESS CONTROL
- LIFT CONTROL



1 wire for the whole system

WHAT DO YOU NEED?

→ In larger residential complexes, offering users a higher degree of automation and improved building control is a key competitive edge. **IperVoice** makes the difference thanks to advanced functions that integrate into the video-doorphone service, with two key advantages: simple controls and a limited number of management devices in common areas and apartments.

WHAT DO YOU GET?

→ With **IperVoice**, installers can provide their customers with a high-tech product that reduces installation time and cost thanks to IP technology, the convenience of using a same cable for all connections, and PoE switches used for distribution. Simple and uncomplicated, Ethernet cabling meets any installation requirements, providing communication throughout the residential complex and facilitating function integration.



IPERVOICE: INTEGRATED SOLUTIONS FOR IMPROVED BUILDING AUTOMATION AND SECURITY

Services and security in a single system



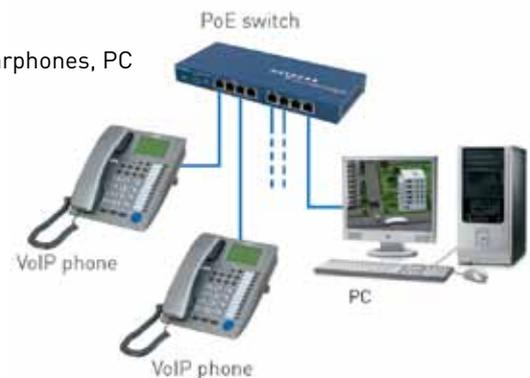
EXCHANGE

- Concierge evolves into a control centre
- Management of all communication streams
- Supports several exchanges for different groups of users
- Integration with any type of terminals: cordless phones, earphones, PC



VOIP

- A phone with the potential of an exchange
- Installs in common areas, allows two-way communication with all users
- Door opener function



LIFT CONTROL

- Send lift to desired floor



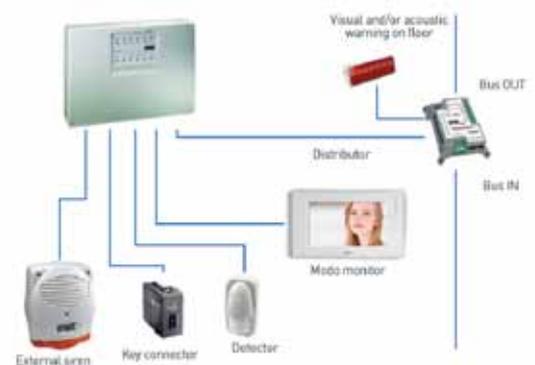
ACCESS CONTROL

- Entry/exit detection and recording
- Each passage is associated to a specific key or access code
- Anti pass-back function inhibits multiple access with same key



INTRUSION DETECTION SYSTEMS

- Urmet alarm systems installed in an apartment can be integrated in the video-doorphone service
- Any alarm signal generated in the apartment is automatically transferred to gatekeeper lodge
- Siren activation or light indicator in landing



Communication and CCTV all-in-one



VIDEO-DOORPHONE FUNCTION

→ **IPerVoice** adds new solutions to conventional video-doorphone functions. With the dedicated push-button panel **Elekta**, each user can associate his/her name to a logo, or an image and show the route to his/her home on a graphic map for visitors. Written messages can be entered to be displayed when a visitor rings the bell and no one is at home. Visitors can record audio messages that the user can listen from the home monitor



VIDEO SURVEILLANCE

- Unlimited number of cameras
- CCTV stream can be viewed from concierge lodge and individual apartments
- Each camera can be connected to an alarm sensor
- Alarm event triggers call to exchange and video recording

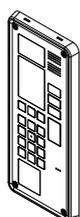
TRHOUGH THE USE OF A SENSOR SYSTEM, CAMERAS ACTIVATES WHEN SUBJECT PASSES



INTERCOM

- Up to 16 devices per apartment can communicate with one another at all time without occupying the riser line
- Allows communication with all other users in the complex and with the different manned stations in common areas
- Unlimited intercom calls with other users: thanks to the touch-screen monitors, each apartment can call any other terminal

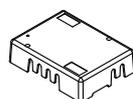
IPERVOICE: BASIC ELEMENTS



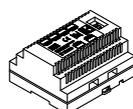
1039/18



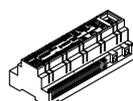
1039/13



1039/34



1039/36



1039/37



1039/41

| | |
|----------|---|
| 1039/1 | IP system server 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. |
| 1039/100 | Set of 20 RJ45 connectors IP side Set of 20 RJ45 connectors with "URMET" print for connecting compatible IP devices. |
| 1039/101 | Set of 20 RJ45 connectors column side Set of 20 RJ45 connectors with "NO LAN" print for connecting IP IperVoice column devices. |
| 1039/20 | UTP CAT5/5e/6 column power supply unit Power supply unit for IperVoice riser. Provided with two RJ45 connectors for inlet and output bus. With LED and trimmer for video signal equalisation. Dimensions: DIN bar (10 modules). |
| 1039/26 | As ref. 1039/20 but for 60Hz system |
| 1039/34 |  UTP CAT5/5e/6 four-user distributor Four user in column. With four RJ45 connectors for connecting users and two RJ45 connectors for input and output buses. Call floor for each user. Terminals for connecting the second audio channel to the column. Relay output for connecting to a floor alarm signal. |
| 1039/36 |  UTP CAT5/5e/6 intercom device For connecting four apartment devices (audio or video doorphones) allowing intercom functions. Up to four devices in a cascade for a total of 16 devices in parallel and intercommunicating in the same apartment. DIN bar (6 modules). Local power supply with 1039/20. |
| 1039/37 |  UTP CAT5/5e/6 lift interface Allows to supply door open information to the lift control unit of the building. Provided with 24 NO/C/NC relay outputs which can be associated to each user or group of users. Up to eight devices can be connected in cascade for a total of 192 commands. DIN bar (12 modules). Locally powered by 1039/20. |
| 1039/41 |  PC concierge switchboard Atlantico doorphone with USB connector and A/V plug for connection to PC. Provides audio doorphone connection to concierge switchboard application. |
| 1039/44 | 4 ports + 4PoE switch Switch with 8 ports, of which four PoE. 110-230 Vac/50-60 Hz power supply unit. |
| 1039/45 | 4PoE + 2 ports switch with power supply unit 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 | IP/UTP CAT5/5e/6 gateway For interfacing IP backbone with riser column. DIN bar (10 modules). |
| 1039/56 | Bluetooth programming device Interface for programming column devices using mobile phone or PDA. Provided with adapter cable. |
| 1039/61 | Apartment alarm interface Interface board to be arranged inside URMET units 1061/004 and 1061/006. |
| 1039/69 | IperVoice Video Server For connecting 4 traditional cameras. The images are conveyed to IP bus and displayed on devices in the system (monitor, switchboards). |
| 1039/80 | IP special decoder For activating/deactivating loads or other functions on IP backbone. |
| 1039/88 | Sinthesi IP reading head IP bus proximity key reader |
| 1039/90 | IP outdoor cable UTP CAT5/5e/6 for buried installation. For use on common backbone. 100 metre reel. |



IPERVOICE

LOUDSPEAKING UNIT

| Code | With keypad | With buttons | Panel type | Number of modules | Number of integrated buttons | Notes |
|---------|---|--------------|-------------------|-------------------|------------------------------|--|
| 1039/13 | YES  | NO | Elekta Soft Touch | 2 | 0 | 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. |
| 1039/18 | NO  | YES | 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. |
| 1039/17 | NO | YES | Elekta Steel | 2 | 2 | As ref. 1039/14 but for 60Hz system |
| 1039/72 | NO | YES | 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. |

VIDEO APARTMENT STATION

| Code | Doorphone system | Bracket | Video doorphone or monitor + bracket kit | Model | Audio type | N. of buttons in addition to door opener button | Notes |
|---------|------------------|---------|--|-------------|---------------|---|--|
| 1139/2 | YES | NO | NO | 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 | NO | YES | NO | Signo | With receiver | 0 | 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 | NO | YES | NO | Imago | Hands-free | 0 | 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. |
| 1717/11 | NO | NO | YES | Modo | Hands-free | 0 | 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 | NO | NO | YES | Folio black | Hands-free | 0 | 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 |
| 1706/8 | NO | NO | YES | Folio white | Hands-free | 0 | 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. Flush mounting. |
| 1716/4 | NO | NO | YES | Aiko white | Hands-free | 0 | Hands-free monitor with 4.3" TFT colour display. No bracket needed. 31 intercom calls, hands-free audio, additional services, door opener, adjustable call volume with mute and LED indication. Surface or flush mounting. |
| 1740/1 | NO | NO | YES | Atlantico | With receiver | 2 | Signo monitor. 4.5" B/W monitor |
| 1740/40 | NO | NO | YES | Atlantico | With receiver | 2 | Signo monitor. 4" TFT colour monitor with microtelephone, white. |
| 1740/41 | NO | NO | YES | Atlantico | With receiver | 2 | Signo monitor. 4" TFT colour monitor with microtelephone, anthracite. |
| 1740/42 | NO | NO | YES | Atlantico | With receiver | 2 | Monitor Signo. 4" TFT colour monitor with microtelephone, platinum. |
| 1717/11 | NO | NO | YES | Modo | Hands-free | 0 | Modo monitor. 7" TFT colour touch monitor with loud speaking unit. Surface wall mount. |

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 WAN port and a LAN with RJ45 connector; a RJ11 port for connection to PSTN analogue line; a RJ11 port for telephone headset |

| 2 |
| voice |

2 WIRES EVERYWHERE
ADVANTAGES ANY WAY
YOU LOOK AT IT



2 wires anywhere. **128** users per riser. **2** outdoor stations per riser.
32 risers. **4.096** users. **4** main common entries. Up to **1.000**-metre
distance between outdoor and indoor station. **200**-metre distance between
power unit and indoor station. **2.400**-metre extension in the common section.
800-metre extension at each riser. **4** parallel connected indoor stations
(monitors and/or doorphones). Security cameras per outdoor station. **2** entries
managed from a single outdoor station. **No need** to replace cables in renovations.

Ideal for

- Villas with communication and security needs
- Renovations
- Complexes with up to 4.096 users

2VOICE: A NUMBER 1 HIT WITH JUST 2 WIRES

Simple and high performance

The non-polarized two-wire video-doorphone system with the highest performance in the category.

ALL TWO-WIRE SECTIONS



The advantages



FROM VILLAS TO LARGE RESIDENTIAL COMPLEXES

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



PERFECT FOR RENOVATIONS

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



ADVANTAGES FOR INSTALLER AND USER

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



Few components, plenty of functions

WHAT DO YOU NEED?

2 non-polarized wires and as little as 3 devices:

- EXPANDABLE INSTALLATION BASE KIT
- DISTRIBUTOR
- INDOOR STATION

WHAT DO YOU GET?

- 9 MIXED AUDIO/VIDEO SYSTEM WITH ANALOGUE COLOUR CAMERA
- INTEGRATED CCTV
- FREE INTERCOM
- ADDITIONAL SERVICES (SUCH AS STAIRCASE LIGHT CONTROL) WITH NO ADDITIONAL WIRING
- ADDITIONAL RESIDENT CONTROLLED OUTPUTS TO CONTROL AUXILIARY DEVICES

Easy to install and programme

2 WIRES EVERYWHERE, NOTHING MORE

Both for standard video-doorphone and additional functions:
intercom, exchange or staircase light control.

SIMPLIFIED PROGRAMMING

Associated user names and codes from the key panel is quick and easy: thanks to a simple dedicated software, all you need to do is enter home-owner names and send the information to the directory module via Bluetooth.



The dip-switches fitted in each device immediately associate addresses to individual users.

2VOICE: LOADS OF FUNCTIONS THAT ARE REALLY USEFUL TO CUSTOMERS

Communication and security in a single system



INTERCOM

- Up to four parallel connected monitors per apartment with free intercom.
- Multiple wiring configurations; series, star or mixed.
- Wide communication links point to point for the indoor stations whether or not they are within the same apartment.



EXCHANGE

- Calls from outdoor station can be taken at the concierge lodge and transferred to individual indoor stations.
- Users can call exchange at any time.
- Call transfer to cordless phones.



VIDEO SURVEILLANCE

- **2Voice** can turn the video-doorphone system into a video surveillance system.
- Two cameras can be connected immediately to the system.
- Handles up to maximum 5 cameras when a video switcher is added.
- Image from individual cameras can be viewed directly in the apartment on the doorphone monitor.



DOOR AJAR WARNING

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



SECOND ENTRY CONTROL

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



ADDITIONAL SERVICES

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



STONE SELECTION

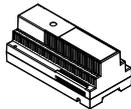
- All **2Voice** indoor stations provide call volume control.
- The Mute function turns off audio and muted mode is indicated on the device.
- Broad choice of tones and ring tones that can be associated to different call types (floor call, call from exchange or outdoor station).



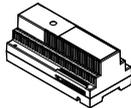
TELEPHONY

→ Possibility to interface with a Pabx or corded and wireless telephones in the apartment.

2VOICE: BASIC ELEMENTS



1083/50



1083/75



1083/40

BASIC ELEMENTS

1083/20A

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 mm². External diameter 6.5 mm.
100 metre reel.

1083/92

2Voice wire. 200 metre reel

2Voice system wire. 2x1 mm². 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.

1083/67

2Voice-PSTN interface and video

This device allows to connect an analogical telephone or a telephone interface
or a PABX to a 2Voice system, to be able of using interphone services also through
a telephone terminal. The video is supplied on a coax-type output for connection
of compatible terminals.

This interface can be programmed in two modes: "internal place"
or "call forwarding" as an aid to the 1083/40 gatekeeper lodge exchange.

- Power supply: 110/230Vac with power supply provided with kit
- Size: 10 DIN modules
- Size of Power Supply: 1.5 DIN modules

1083/69

Video switch 4 IN - 1 OUT DIN mountes

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

1783/69

CCTV Interface, 4 cameras, Bus connection

This device enables connecting 4 control cameras on the Data Bus of the 2Voice system.
The cameras are connected to the interface and use the Extended Video Signal Balun
instead of coaxial cable. This devices can be associated to a plurality of user of the system
or to just one of them.



2VOICE: BASIC ELEMENTS

LOUDSPEAKING UNIT

| | |
|---------|--|
| 1083/5 | Outdoor audio station - Sinthesi 2Voice outdoor audio station whit Sinthesi design style (2 modules). Features 2 call keys, loudspeaker and microphone. Controls 7 door opener outputs for pedestrian gate or driveway. Recessed mount box, frame and trim not included. |
| 1083/7 | Outdoor audio station - Sinthesi Steel Same specifications as ref. 1083/5. Provision for connection of outdoor cameras. |
| 1083/6 | Outdoor audio station - Sinthesi Steel Same specifications as ref. 1083/7. Provision for connection of outdoor cameras. |
| 1083/8 | Outdoor audio station for Exigo design line For use in combination with 1038/17 module (one every 16 users). |
| 1083/71 | Outdoor audio station - Sinthesi 2Voice outdoor video station with Sinthesi design style (2 modules). Features 2 call keys, colour camera with LED lighting, loudspeakers and microphone. Controls 2 door opener outputs for pedestrian gate and driveway. Recessed mount box, frame and trime not included. |
| 1083/62 | Outdoor video station - Sinthesi Steel Same specifications as 1083/71. |
| 1083/13 | Sinthesi digital call module with control panel 2Voice Size equivalent to 2 Sinthesi modules. Featurea alphanumeric control panel, arrow keys to select names from eletronic directory, 2-line, 16-character display. Bluetooth interface from monile phone/smartphone/PDA. Can be combined with camera to set up video call stations. |
| 1083/72 | Outdoor video station - Sinthesi Steel Same specification as 1083/71 with provision for connection up to 5 outdoor cameras. |

2VOICE: BASIC ELEMENTS



1183/1



1716/1

INDOOR STATIONS

| 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 | | YES | NO | NO | Atlantico | With receiver | 1 | Button for opening door and second garage electric lock. Switchboard call. |
| 1183/2 | | YES | NO | NO | 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 doorphone entrance (pedestrian or garage). |
| 1183/3 | | YES | NO | NO | Signo | With receiver | 10 | Allows up to 9 intercom calls. |
| 1740/83 | | NO | YES | NO | Signo | - | 0 | 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. |
| 1740/41 | | NO | NO | YES | Signo | With receiver | 2 | Signo colour video-doorphone without bracket, anthracite. |
| 1740/42 | | NO | NO | YES | Signo | With receiver | 2 | Signo colour video-doorphone without bracket, platinum. |
| 1740/713 | | YES | YES | NO | Signo | With receiver | 1 | Formed by 1 Signo b/w monitor 1740/1 and one bracket 1740/83. |
| 1740/753 | | NO | NO | YES | Signo | With receiver | 0 | Formed by 1 Signo colour monitor 1740/40 and one bracket 1740/83. |
| 1706/5 | | NO | NO | YES | Folio Black | Hands-free | 0 | 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. |
| 1706/6 | | NO | NO | YES | Folio White | Hands-free | 0 | 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. |
| 1716/1 | | NO | NO | YES | Aiko Black | Hands-free | 0 | 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. |
| 1716/2 | | NO | NO | YES | Aiko White | Hands-free | 0 | 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. |
| 1732/41 | | YES | YES | NO | Scaitel | - | 0 | Scaitel video module designed by Architect Giugiaro for use in combination with door telephone 1332/1. |
| 1732/92 | | NO | YES | NO | Scaitel | - | 0 | Scaitel bracket for 2Voice system. It allows to place the video module next to the switchboard |

Colour



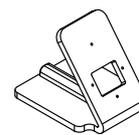
2VOICE: BASIC ELEMENTS

ACCESSORIES

| | | |
|---------|--|---|
| 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. |
| 1740/92 | | Transparent Plexiglas table stand kit for Signo video doorphone. With socket and 1,5m long wire, for use with brackets without button add-on. Dimensions (HxWxD) mm 222x185x152 |
| 1716/50 | | Aiko Table top stand Transparent Plexiglas table stand kit with socket |
| 1706/60 | | Flush-mounting box for Folio hands-free video doorphone. Black or white ABS plastic |
| 1706/61 | | Kit for installing Folio speaker monitor on plasterboard wall |
| 1717/12 | | MOD0 monitor. 7" TFT colour touch screen monitor with loudspeaking unit. Surface wall mount. |



1740/92



1716/50

KIT

| | | |
|----------|--|--|
| 1783/801 | | Single-family 2VOICE kit with SINTHESI and B/W SIGNO Includes Sinthesi push-button panel 1083/71, 2 module trim and recessed box, Signo monitor 1740/1, wall mount bracket 1740/83 and power unit 1083/20A. |
| 1783/802 | | Two-family kit with SINTHESI and B/W SIGNO Includes Sinthesi push-button panel 1083/71, 2 module trim and recessed box, 2 Signo monitor 1740/1, 2 wall mount brackets 1740/83, power unit 1083/20A and 4-user distribution 1083/55. |
| 1783/821 | | Single-family kit with SINTHESI and colour SIGNO Includes Sinthesi push-button panel 1083/71, 2 module trim and recessed box, Signo colour monitor 1740/40, wall mount bracket 1740/83 and power unit 1083/20A. |
| 1783/822 | | Two-family kit with SINTHESI and colour SIGNO Included Sinthesi push-button panel 1083/71, 2 module trim and recessed box, 2 Signo colour monitors 1740/40, 2 wall mount brackets 1740/83, power unit 1083/20A and 4-user distributor 1083/55. |
| 1783/831 | | Single-family kit with SINTHESI and AIKO Included Sinthesi push-button panel 1083/71, 2 module trim and recessed box, 1 Aiko monitor 1716/12 and power unit 1083/20A. |
| 1783/832 | | Two-family kit with SINTHESI and AIKO Includes Sinthesi push-button panel 1083/71, 2 module trim and recessed box, 1 Aiko monitor 1716/12 and power unit 1083/20A. |
| 1783/611 | | Two-family kit with SINTHESI and AIKO Includes Sinthesi push-button panel 1083/72, 2 module trim and recessed box, 2 Aiko monitors 1716/2, power unit 1083/20 and 4-user distributor 1083/55. |
| 1783/641 | | Single-family kit with MIKRA and B/W SIGNO Includes Mikra push-button panel 1783/2, 2 Signo monitor 1740/1, 2 wall mount brackets 1740/83, power unit 1083/20 and 4 user distributor 1083/55. |
| 1783/651 | | Single/two-family kit with MIKRA and colour SIGNO Includes Mikra push-button panel 1783/1, 2 Signo monitor 1740/40, 2 wall mount brackets 1740/83, power unit 1083/20 and 4 user distributor 1083/55. |

BIBUS VOP



LARGE BLOCKS OF FLATS WITH SWITCHBOARD AND MIXED MAINLY AUDIO SYSTEMS

- IDEAL FOR DOORPHONE SYSTEMS WITH UP TO 250 USERS
- VOP TECHNOLOGY
- EASY CREATION OF MIXED AUDIO AND VIDEO DOORPHONE SYSTEMS
- CONCIERGE SWITCHBOARD FUNCTION

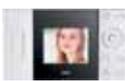
VOP technology is used to create doorphone systems with up to 250 users, 12 calling stations and distances of up to 600 metres between calling station and apartment station simply by using two non-polarised wires. Numbers speak for themselves! Ideal for simple blocks of flats with a single entrance door 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 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 | Arco | Atlantico |
|--------------------|--|---|---|---|---|
| APARTMENT STATIONS | |  |  |  |  |
| | | Exigo | Sinthesi steel | Sinthesi | Mod. 925 |
| ENTRY PANELS | |  |  |  |  |

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.

DISTANCE BETWEEN ENTRY PANEL AND VIDEO DOORPHONE

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





BASIC ELEMENTS FOR AUDIO AND VIDEO LOUDSPEAKING UNIT COMPATIBILITY

| | |
|----------|--|
| 1074/55 | VOP floor video distributor, 4 users For use in systems with floor distribution No dedicated power supply is needed. Dimensions (W x H x D): 95 x 64 x 28 mm. Wall mounted |
| 1795/40 | DE video distributor For distribution of video signal between primary and secondary in VOP systems. |
| 1742/13A | Coax to 5-wire camera adapter device Adapter device for coax to 5-wire video signal for VOP video systems. |
| 1074/20 | VOP Bibus power unit. Installation on 10 DIN module bar To power a video doorphone column in VOP system. Arranged for assembly on DIN bar (10 modules). Dimensions (W x H x D): 180 x 90 x 75 mm. Power: 50VA |
| 1072/24 | Bus coupler with built-in power unit 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 (W x H x D): 216 x 90 x 75 mm. (12 DIN modules) Power: 37 VA. Output voltage: 22Vdc |
| 1072/42 |  Bus coupler with built-in power unit 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 (W x H x D): 216 x 90 x 75 mm. (12 DIN modules) Power: 37 VA. Output voltage: 22Vdc |



1072/42

LOUDSPEAKING UNIT

| Code | With keypad | With buttons | Panel type | Number of modules | Number of integrated buttons | Directly connectable buttons | Notes |
|----------|-------------|--------------|----------------|-------------------|------------------------------|------------------------------|---|
| 1072/13 | YES | NO | Sinthesi | 2 | 0 | 0 | Backlit keypad, LCD display, integrated audio unit |
| 1072/7 | NO | YES | Sinthesi | 1 | 0 | 18 | Integrated audio unit, audio level adjustment trimmer |
| 1072/8 | NO | YES | Sinthesi steel | 1 | 1 | 17 | Integrated audio unit, audio level adjustment trimmer |
| 1072/19A | NO | YES | Exigo or 925 | 0 | 0 | 18 | Integrated audio unit, audio level adjustment trimmer |

VIDEO APARTMENT STATION

| Code | Door phone system | Bracket for video door | Model | Audio type | Number buttons in addition to door opener button | Notes |
|----------|-------------------|------------------------|---------|---------------|--|--|
| 1172/50 | YES | NO | Signo | With receiver | 0 | Button for switchboard call and one auxiliary service. |
| 1172/55 | YES | NO | Signo | With receiver | 0 | Button for switchboard call and two auxiliary services. |
| 1172/43 | YES | NO | Utopia | Hands-free | 0 | Call volume adjustment. Mute with visual indication. Switchboard call button. Switching staircase lights on. Hand-free audio function. |
| 1705/954 | NO | YES | Arco | With receiver | 2 | For connection to VOP video distributor 1074/55 Ready for floor call connection. |
| 1732/957 | NO | YES | Scaitel | Hands-free | 0 | Scaitel bracket for Bibus system. It allows to place the video module next to the switchboard. |
| 1740/954 | NO | YES | Signo | With receiver | 0 | For connection to VOP video distributor 1074/55. Ready for floor call connection. |
| 1716/6 | NO | NO | Aiko | Hands-free | 2 | AIKO monitor 4,3" TFT for Bibus Vop system. White Recessed or surface wall mount with dedicated box with frame 1716/62, white |
| 1732/41 | NO | NO | Scaitel | | 0 | Scaitel video module designed by Architect Giugiaro for use in combination with door telephone 1332/1. |
| 1732/92 | NO | YES | Scaitel | | 0 | Scaitel bracket for 2Voice system. It allows to place the video module next to the switchboard. |

DIGIVOICE



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

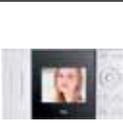
Managing complex situations and large numbers with Digivoice is easy and very versatile, also with regards to style. Digivoice is the Urmet solution for large size audio and video doorphone systems with several entrances and several switchboard stations. Using only five common wires (with the addition 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. 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 |
|--------------------|---|---|---|---|
| APARTMENT STATIONS |  |  |  |  |
| ENTRY PANELS |  |  |  |  |

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.

DISTANCE BETWEEN ENTRY PANEL AND VIDEO DOORPHONE

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





BASIC ELEMENTS

| | |
|--|--|
| 1038/20 | Basic power unit with circuit breaker 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. |
| 1038/25 | Supplementary audio power unit Needed in two-channel audio systems. 230/110 Vac power. Bar fitted, four DIN modules. |
| 1038/40  | Table-top or wall doorphone switchboard 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. Dimensions: 260 (W) x 220 (H) x 70 (D) mm. Consumption: 450 mA |
| 1038/34 | 4-user decoder. For use in audio systems only 4-user decoder module. For use in audio systems only. Accepts Digivoice 1138/3 and 1138/4 doorphones on all outputs. Consumption 150mA (1.5 UL). Ready for wall mounting. |
| 1038/35 | Four user decoder arranged for video, floor call and door open LED 4-user decoder module. Suitable of audio and video systems. Accepts all Digivoice doorphone 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 |
| 1038/38 | 8-user decoder module. Suitable of audio and video systems. Accepts all Digivoice doorphone and bracket outputs, except for those with single integrated decoder. With relay contact which is activated following door opening. Suitable for controlling lift units. Relay contact switches up to 30 Vdc with 2A on resistive load. Dimensions: 177 (W) x 75 (D) x 110 (H) mm, can be installed on DIN bar 10 modules or on wall. |
| 789/2 | Local power unit (230Vac 50Hz) Device used to switch on 2 video doorphones 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. |



1038/40

LOUDSPEAKING UNIT

| Code | With keypad | With buttons | Panel type | Number of modules | Number of integrated buttons | Directly connectable buttons | Notes |
|----------------|-------------|--------------|--------------|-------------------|------------------------------|------------------------------|---|
| 1038/13 | YES | NO | Sinthesi | 2 | 0 | 0 | Backlit keypad, LCD display, integrated audio unit |
| 1038/16 | YES | NO | K-Steel | 2 | 0 | 0 | Backlit keypad, LCD display, integrated audio unit |
| 1083/7 | NO | YES | Sinthesi | 1 | 0 | 8 | Integrated audio unit, audio level adjustment trimmer |
| 1038/5 | NO | YES | K-Steel | 1 | 2 | 8 | Integrated audio unit, audio level adjustment trimmer |
| 1038/62 | NO | YES | Exigo or 925 | 0 | 0 | 8 | Integrated audio unit, audio level adjustment trimmer |

DIGIVOICE

VIDEO APARTMENT STATION

| Code | Door phone system | Bracket for video door | Model | Audio type | Number buttons in addition to door opener button | Notes |
|---------|-------------------|------------------------|-----------|---------------|--|---|
| 1138/3 | YES | NO | Atlantico | With receiver | 2 | Button for switchboard call and one auxiliary service. Connects to decoders 1038/34,1038/35 and 1038/38. |
| 1138/4 | YES | NO | Utopia | With receiver | 3 | Button for switchboard call and two auxiliary services. Connects to decoders 1038/34,1038/35 and 1038/38. |
| 1138/31 | YES | NO | Atlantico | With receiver | 2 | Button for switchboard call and one auxiliary service. With integrated single decoder |
| 1138/18 | YES | NO | 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. |
| 1705/92 | NO | YES | Arco | With receiver | 0 | Button for switchboard call and one auxiliary service. With integrated single decoder. The keypad is used to all other users in the system. |
| 1732/41 | NO | NO | Scaitel | - | 0 | Scaitel video module designed by Architect Giugiaro for use in combination with door telephone 1332/1. |
| 1732/92 | NO | YES | Scaitel | - | 0 | Scaitel bracket for Digivoice system. It allows to place the video module next to the switchboard. |
| 1703/94 | NO | YES | Utopia | Hands-free | 0 | For use with 4" colour monitor Utopia 1703/2 |
| 1703/98 | NO | YES | Utopia | Hands-free | 0 | For use with 4" colour monitor Utopia 1703/17 |
| 1707/94 | NO | YES | Imago | Hands-free | 0 | For use with 4" colour monitor Imago 1707/1 |

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. |



ACCESSORIES

| | |
|----------------|---|
| 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 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 |
| 1083/69 | Video switch 4 IN - 1 OUT DIN mountes 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 |
| 1038/70 | Adapter between concierge switchboard and telephone interface or PABX 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. |
| 1038/80 | Special Digivoice decoder for supplementary activations 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. |
| 1038/68 | Relay device for Digivoice video systems Optimises video applications in Digivoice installations, specifically on double video doorphone channel. Synchronises audio and video signals. Wall-mounted. |
| 1032/9 | Relay device for special systems Video signal switching relay. |

ANALOGUE SYSTEMS



URMET ANALOGUE SYSTEMS
PROVIDE ANSWERS TO ALL NEEDS
AND ANY STYLES CHOSEN
THE USER FOR APARTMENT STATIONS
AND ENTRY PANELS

Blocks of flats and condos

COMPATIBILITY TABLE: STYLE

| | Nexo | Signo | Arco | Atlantico | 1130 |
|--------------------|---|---|---|---|---|
| APARTMENT STATIONS |  |  |  |  |  |
| ENTRY PANELS | Exigo | Sinthesi steel | Sinthesi | Mod. 925 | |
| |  |  |  |  | |

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 |
|------------|--------------------------|--------------------|
| 1745/770 | 956/41, 956/42, 1745/795 | 1133/301, 1133/302 |

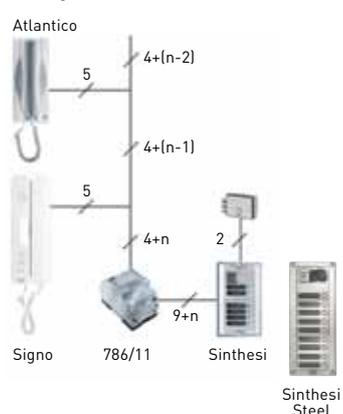
For kit details, see page 138



Audio systems

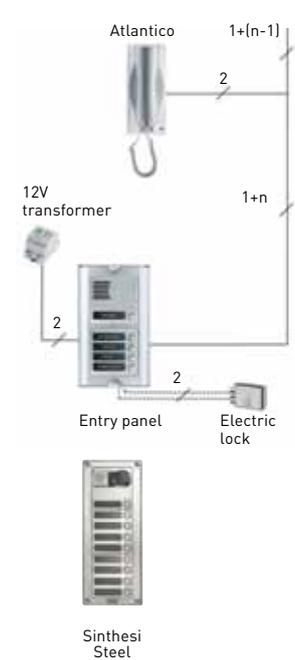
Audio systems offer the fundamental functions of a system (call, audio and door opening). There are two installation types: 4+n and 1+n.

4+n system



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, doorphones with traditional call (12 Vac buzzer) or electronic call (the speaker of the doorphone 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 system



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

Video systems

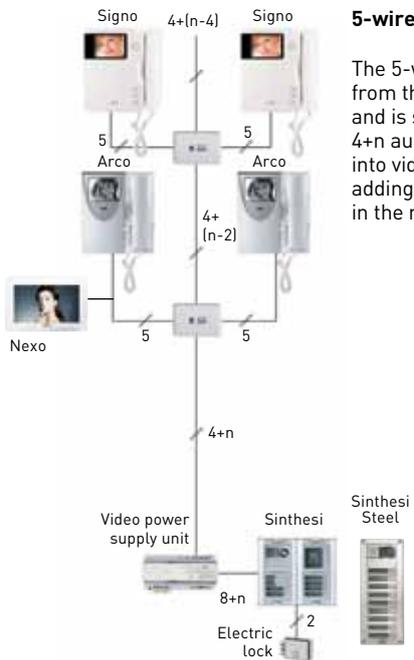
Analogue video systems derive from the 4+n and 1+n audio systems and may be split into two types: coax systems and 5-wire systems.

Coax video systems



Coax video systems
4+n doorphones with electronic call are used in coax systems. A very high number of combinations are possible, with both b/w and colour video doorphones. 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

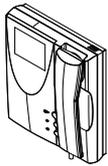


5-wire systems
The 5-wire system derives from the 1+n audio system and is suitable for transforming 4+n audio systems into video systems without adding a coax or other wires in the riser column.

ANALOGUE SYSTEMS



Signo 1740/40



Arco 1715/1

BRACKET COMPATIBILITY AND SYSTEMS WITH VIDEO APARTMENT STATION

| Monitor | 5 wires | Coax |
|---|----------|---------------------------------|
| Nexo  | 1708/955 | Bracket included |
| Signo   | 1740/955 | 1740/90 - 1740/86 (with add-on) |
| Signo b/n  | 1740/955 | 1740/90 - 1740/86 (with add-on) |
| Arco   | 1705/955 | 1705/90 |

DOORPHONE - SYSTEM COMPATIBILITY

| Doorphone | 1+n | 4+n |
|-----------|----------|--|
| Signo | NO | 1140/1 (white) - 1140/41 (antracite) 1140/42 (platinum) - 1140/12 (white) |
| Atlantico | 1133/35A | 1133 (white) - 1133/1 (white) |
| Mod. 1130 | NO | 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 |
| 1145/510 | Sinthesi 12Vac audio entry panel |
| 1128/500 | Audio loudspeaking unit for Mod. 925, Exigo entry panels |
| 1128/510 | Audio loudspeaking unit for Mod. 925, Exigo entry panels, 12 Vac power |
| 5150/53 | 3-wire audio loudspeaking unit for Mod. 925 / Exigo entry panel |

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



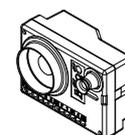
Colour

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

| | | |
|---------|---|--|
| 1810/40 | ▲ | Colour camera module for Exigo entry panel |
| 1758/41 | ▲ | Colour wide-angle camera with integrated loudspeaking unit for Sinthesi Steel entry panel |
| 1758/40 | ▲ | Modulo telecamera a colori wide-angle for Sinthesi Steel |
| 1758/49 | ▲ | As 1745/40 but for 60 Hz systems |
| 1745/40 | ▲ | Colour camera with integrated loudspeaking unit for Sinthesi entry panel |
| 1745/49 | ▲ | Colour camera module with integrated loudspeaking unit for Sinthesi entry panel, 60 Hz systems |
| 1745/41 | ▲ | Colour camera module with loudspeaking unit and one button for Sinthesi 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 |
| 725/600 | | B/W camera module for Mod.925 entry panel |



1745/82



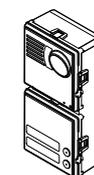
1145/67

1+N AUDIO LOUDSPEAKING UNITS

| | | |
|---------|---|--|
| 1145/67 | 📷 | Audio loudspeaking unit for Sinthesi entry panel |
| 1035/67 | | Audio loudspeaking unit for Mod. 725 entry panel |

CAMERAS AND CAMERAS WITH LOUDSPEAKING UNIT FOR 5 WIRE VIDEO SYSTEMS

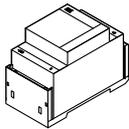
| | | |
|---------|---|---|
| 1810/40 | ▲ | Colour camera module for Exigo entry panel to be used in combination with 1742/13A board. |
| 1758/40 | ▲ | Colour wide-angle camera module for Sinthesi Steel entry panel |
| 1758/49 | ▲ | As 1745/40 but for 60 Hz systems to be used in combination with 1742/13A board |
| 1745/40 | ▲ | Colour camera module for Sinthesi entry panel to be used in combination with 1742/13A board. |
| 1745/49 | ▲ | As 1745/40 but for 60 Hz systems |
| 1810/70 | | B/W camera module for Exigo entry panel to be used in combination with 1742/13A board. |
| 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 |
| 725/600 | | B/W camera module for Mod.925 entry panel to be used in combination with 1742/13A board. |



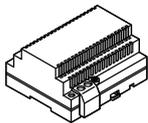
1745/22

▲ Colour

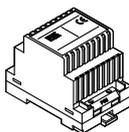
ANALOGUE SYSTEMS



786/11



786/13



9000/230

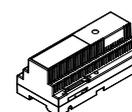
DOORPHONE POWER SUPPLY UNIT

| Code | Dimensions (HxWxD) 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 doorphone systems. Use bracket kit 786/50 for fixing to the wall. Replaces 786/1, 786/14, 786/38 and 9006/1. |
| 786/12 | 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 doorphone 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: 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 doorphone systems. Use bracket kit 786/50 for fixing to the wall. Replaces 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. |

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



VIDEO DOORPHONE POWER SUPPLY UNIT

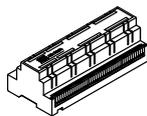


789/5B

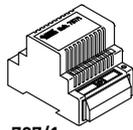
| Code | Dimensions (HxLxP) mm | DIN mod. | Electrical specifications | Functions | Notes |
|---|-----------------------|----------|---|---|---|
| 789/5B  | 180 x 75 x 97 | 10 | Power: 230Vac Audio circuit: 6Vdc@0.2A Electric lock power 12Vdc@2A Tone generator: 8Vpp Consumption: 200mA Timed output: 18Vdc@0.85A; 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 doorphone systems with electronic call. Provided with selfresetting PTC protection, adjustable timer and call generator. Device 786/51 is needed in intercom systems. |
| 789/6B | 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 doorphone systems with electronic call. Provided with selfresetting PTC protection, adjustable timer and call generator. Device 786/51 is needed in intercom systems. |
| 789/3 | 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. |

Type-approval: IMQ-CE- CEI EN 60065

ANALOGUE SYSTEMS



788/54



787/1

RELAY BOXES, TONE GENERATORS, TIMERS AND LINE PROTECTIONS

| Code | Dimensions (HxWxD) 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 |
| 1083/69 | 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

| | |
|-----------------|---|
| 1794/4A | 4 output video distributor for coax systems Distributes video signal to floor; power at 15-18Vdc. Dimensions: (W x H x D) 95 x 64 x 28 mm |
| 1131/4 | 10 diode box For use in 4+n audio and coax systems with intercom function. |
| 7057/234 | 14 wire cable + coax 100m reels, external diameter of cable 17 mm; sections: 2 x 0.8 mm 2, 6 x 0.5 mm 2, 6 x 0.35 mm ² |
| 7057/235 | 8 wire cable + coax 100m reels, external diameter of cable 15 mm; sections: 2 x 1 mm 2, 2 x 0,8 mm 2, 3 x 0,35 mm ² , 1 x 0,5 mm ² |

ACCESSORIES FOR 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. |
| 955/40 | 4 output video distributor for 5-wire systems Distributes video signal to floor; power at 15-18Vdc. Dimensions: (W x H x D) 95 x 64 x 28 mm |
| 1035/25 | Conversation privacy device for Mod. 725 entry panels One every four users. |
| 1110/74 | Conversation privacy device for Sinthesi and K-steel entry panels One every four users. |
| 1158/74 | Conversation privacy device for Exigo entry panels One every four users. |

RINGERS



Urmet has a complete range of traditional ringers, compatible with all system types.

Mistral integrates the range with a series of amplified ringers which can emit a flash of light. 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.

**TRADITIONAL RINGERS**

| Code | IperVoice | Bibus VOP | Digivoice | Coax | 5 wires | 4+n | 1+n | Notes |
|--|-----------|-----------|-----------|------|---------|------------------------|-----|---|
| 9854/40 | NO | NO | NO | NO | NO | YES (traditional call) | NO | Consumption: 135mA@ 12Vac |
| 9854/41 | NO | NO | NO | YES | YES | YES (traditional call) | NO | |
| 9854/42  | NO | NO | NO | YES | YES | YES | NO | Emits a three-note tone and can be customised. 9Vdc battery needed. |
| 1072/59 | YES | YES | YES | NO | NO | NO | NO | Emits a three-note tone and can be customised. 9Vdc battery needed. |

**9854/42**

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

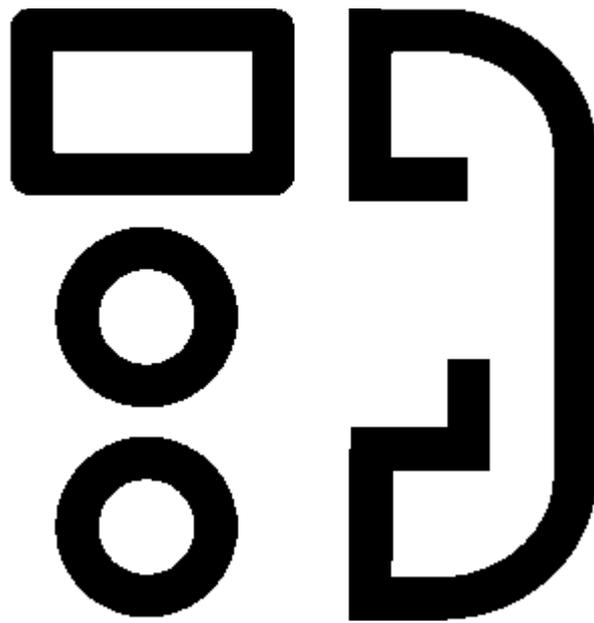
a calling button on a second wireless ringer. By using a call repeater 4311/13, a call can be repeated to a Mistral ringer installed in any system. Transmission frequency: 868.35Mhz.

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.

* Contact the sales network for availability.





I-MODO
MODO
AIKO
FOLIO
NEXO
SIGNO
ARCO
ATLANTICO
1130
VIVA-VOCE DUO
INTERCOM

A P A R T M E N T S T A T I O N S

DESIGN AND VERSATILITY

The Urmet apartment unit range is the most complete and flexible on the market, offering a wide variety of doorphone 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 develop its new products with hearing aid compatibility in mind. t-Modo, i-Modo, Modo, Aiko, Folio and Signo can emit electromagnetic waves that

can be detected by hearing aids. These devices are compatible with all induction loop antennas for hearing aids (ETS 300381 and EN 60118 standards).



SOLUTIONS FOR ALL
DÉCOR STYLES:
**TOP QUALITY
LUXURY
HOME**

URMET APARTMENT STATIONS:
FREE TO CHOOSE.



i-MODO

Communication-oriented
P. 54



MODO

Image is everything
P. 56



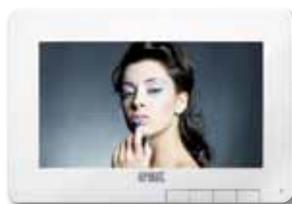
AIKO

The line of elegance
P. 58



FOLIO

Style is soft-touch
P. 60



NEXO

The evolution of the species
P. 62


SIGNO

Beautiful
and practical
Available in colour
and B/W version
and in 3 different colours
P. 64


ARCO

Your home
is your castle
P. 68


SIGNO audio

Subtle design lines
Available in 3 different colours
P. 64


ATLANTICO

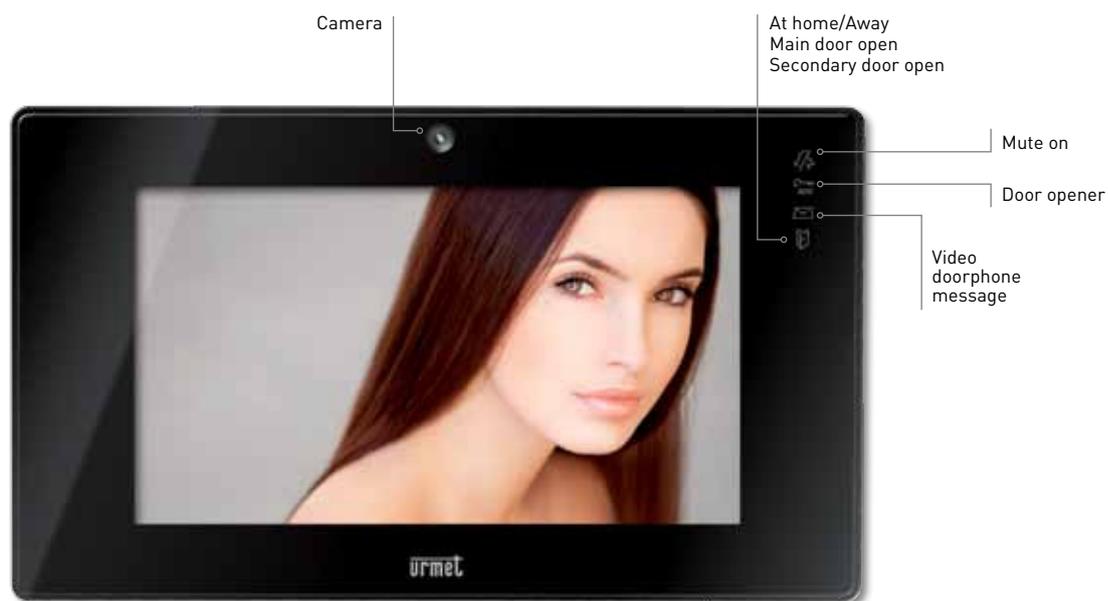
Easy-grab
ergonomic design
P. 70


1130

A classic
P. 72

Amodo

i1



MAIN FEATURES

- READY FOR INTEGRATION INTO IPERHOME
- 7" COLOUR TOUCHSCREEN DISPLAY
- UNLIMITED INTERCOM CALLS FROM ON-SCREEN VIRTUAL KEYPAD OR DIRECTORY
- UNLIMITED ACTIVATIONS THANKS TO THE VIRTUAL KEYPAD
- CAN CALL SEVERAL CONTROL UNITS OR MANNED STATIONS
- MANAGEMENT OF TWO ELECTRIC LOCKS
- SELECTABLE RINGER TONE
- SURVEILLANCE CAMERA SCAN
- MESSAGE BACKLOG ENQUIRY
- AUTOMATIC DOOR OPENER FUNCTION
- MUTE WITH LED SIGNALLING
- AUDIO WITH TWO LOUDSPEAKERS

COMPATIBLE WITH





i-Modo is a video doorphone monitor over IP protocol, and much more. i-Modo lets you view live video surveillance images and use the intercom or VoIP video call services thanks to the built-in front camera. i-Modo lets you manage building automation functions, play stereo audio content, view videos and pictures thank to its SD-Card interface.

i-Modo is designed for surface wall mount and interfaces with building automation systems to serve as a proper multimedia point for the whole home. Its polished black finish and smooth, neat lines lend i-Modo a stylish, refined appearance, while the configurable interface uses high-contrast colour combinations for improved readability.

VIDEO DOORPHONE

1717/2   **7" colour touch screen IP monitor. IperVoice connection over CAT5/5e/6 UTP cable and RJ45 connector.**

Provision for floor call. Input for panic button. Lets you call any system user from on-screen virtual control panel or internal directory. No separate bracket required. Manages IperHome apartment building automation systems. Audio video intercom calls. Powered from PoE switch or by local power unit.



1716/2 

modo



MAIN FEATURERS

- 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

COMPATIBLE WITH





Plenty of room for pictures with Modo. With a 7" colour display combined with the possibility of cyclically selecting the cameras to which the IperVoice can be connected, this monitor guarantees effective monitoring of all areas under video surveillance. Furthermore, the integrated video doorphone mailbox system shows messages left by visitors who called the users while they were away. Modo is performance leader also for other video doorphone 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.

Handy technology.

Modo makes function management easy. All operations are carried out through simple menus and touch-screen technology. A set of user-friendly icons makes operating the controls as easy as using a mobile phone.

VIDEO DOORPHONE

1717/11 ▲ 📹 **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.

1717/12 ▲ 📹 **7" touch-screen colour monitor. Connection to 2Voice riser column.**
Floor call ready. Panic button input. Allows to all any system user by means of a virtual keypad on screen. No separate bracket needed.



- 1717/12 ○
- 1717/11 ○

aiko

i1



MAIN FEATURES

- 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



COMPATIBLE WITH



Quality materials, advanced functions, small dimensions. The new Aiko hands-free video-doorphone 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.


WHITE

Colour display

BLACK

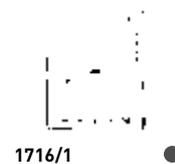
B/W display

COLOUR VIDEO DOORPHONE

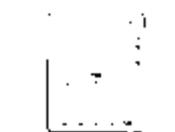
| CODE | 2 VOICE | IPERVOICE | BIBUS VOP | COLOUR | NOTES |
|--------|---------|-----------|-----------|--------|--|
| 1716/1 | YES | NO | NO | Black | Aiko hands-free colour video doorphone with 4.3" OSD |
| 1716/2 | YES | NO | NO | White | Aiko hands-free colour video doorphone with 4.3" OSD |
| 1716/4 | NO | YES | NO | White | Aiko hands-free colour video doorphone with 4.3" OSD |
| 1716/6 | NO | NO | YES | White | Aiko hands-free colour video doorphone with 4.3" OSD |

ACCESSORIES

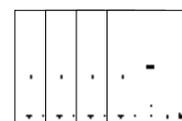
| | |
|---------|---|
| 1716/60 | Flush-mounting box with one white frame and one black frame |
| 1716/50 | Table-top stand |
| 1716/51 | Set of coloured frontal frames (red, green, blue, grey) |



1716/1



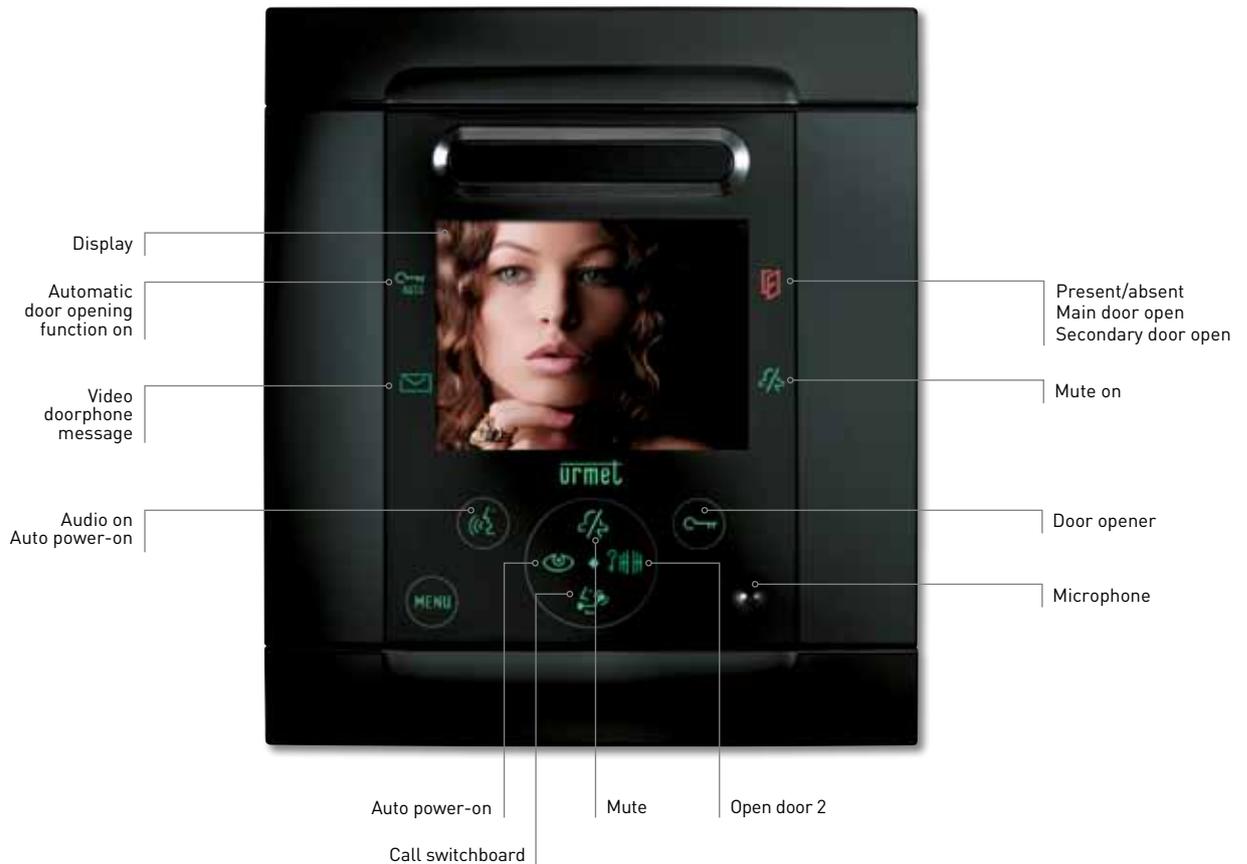
1716/2 - /4



1716/51

folio

i2



MAIN FEATURES

- 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
- INTEGRATED HEARING AID SETUP



COMPATIBLE WITH



The Folio hands-free video doorphone 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

doorphone 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.



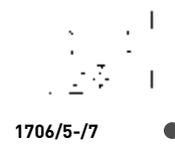
WHITE
Colour display



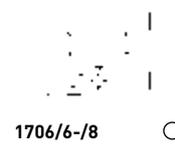
BLACK
B/W display

FOLIO SOFT-TOUCH COLOUR VIDEO DOORPHONE SYSTEM - SYSTEM COMPATIBILITY

| CODE | | 2 VOICE | IPERVOICE | COLOUR | NOTES |
|--------|--|---------|-----------|--------|--------------------------------------|
| 1706/5 | | YES | NO | Black | Folio flush-mounted video doorphone. |
| 1706/6 | | YES | NO | White | Folio flush-mounted video doorphone. |
| 1706/7 | | NO | YES | Black | Folio flush-mounted video doorphone. |
| 1706/8 | | NO | YES | White | Folio flush-mounted video doorphone. |



1706/5-/7



1706/6-/8

COLOUR VIDEO DOORPHONE - BRACKET

| | |
|---------|---|
| 1706/60 | Flush-mounting box for Folio hands-free video doorphone 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. |

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.

nexo

i2



MAIN FEATURES

- 7" TFT DISPLAY
- WALL MOUNT
- PROVISION FOR INSTALLATION WITH 503 AND 60 BOXES

- 2 DRY CONTACTS FOR CONNECTION
- 2 BUTTONS FOR SUPPLEMENTAL SERVICES
- VOLUME, CONTRAST, BRIGHTNESS, COLOUR ADJUSTMENTS

COMPATIBLE WITH

COAX | 5 WIRES



Nexo represents the apex of technology evolution in the field of video-doorphone systems with coaxial system. A 7" colour TFT monitor, hands-free audio and a simple interface make for a tool that is easy to use and beautiful to look at.

Innovation driven by passion

With the new monitor Nexo, Urmet is set to revolutionise and give new impetus to the video doorphone systems industry by introducing a high-technology device that improves the performance of existing systems without extensive modifications.

Nexo offers a modern design providing a contemporary home accent, improved security thanks to higher image resolution, and value for money by expanding the capabilities of conventional systems. All functions (audio on/off, door opening, accessory functions) can be activated from four simple modules.

| COLOUR VIDEO DOORPHONE - BRACKET | |
|---|---|
| 1708/1 | NEXO 7" hands-free audio monitor for surface wall mount (bracket included) |
| 1708/955 | Bracket for 5-WIRE SYSTEMS |

signo

i3



MAIN FEATURES

- HIGH GLOSS FINISH (WHITE VERSION)
- VERSATILE: B/W AND COLOUR VERSIONS, AUDIO VERSIONS
- TOTAL FLAT MINIMUM DIMENSIONS

- THREE DIFFERENT COLOURS: WHITE, ANTHRACITE AND PLATINUM
- INTEGRATED HEARING AID SETUP



COMPATIBLE WITH



Minimal, stylish and extra-slim designed by Citterio. Signo audio and video doorphones 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 doorphone 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 doorphone manages electronic calls through a dedicated speaker positioned under the microphone and is compatible with all the main Urmet video doorphone

systems. 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

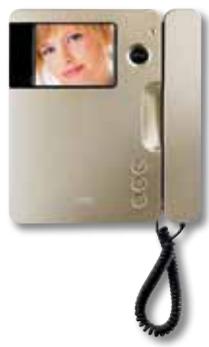
a transparent support, harmonising the monitor design and allows to simply hang up the handset. Wiring is extremely simple and practical. Urmet brackets can be used to connect Signo to the most important analogue and digital systems. The apartment station is ready for operation with hearing aids capable of picking up the electromagnetic waves emitted by the apartment unit speaker.



WHITE
Colour or B/W version display



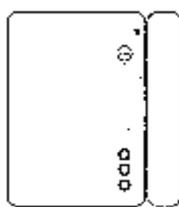
ANTHRACITE
Colour display



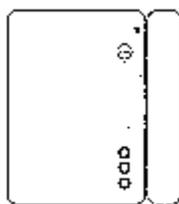
PLATINUM
Colour display

signo

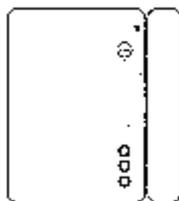
COD. 1740



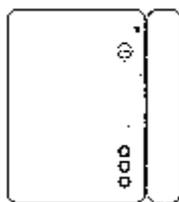
1740/1



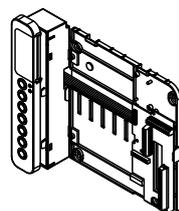
1740/40



1740/41



1740/42



1740/86

BRACKET-LESS VIDEO DOORPHONES COMPATIBLE WITH ALL SYSTEMS

| CODE | DIMENSIONS (HxWxD) mm | COLOUR | VERSION |
|----------|--|------------|---|
| 1740/40* |  225 x 205 x 50 | White |  |
| 1740/41* |  225 x 205 x 50 | Anthracite |  |
| 1740/42* |  225 x 205 x 50 | Platinum |  |
| 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 |
| 1740/20 | 225 x 205 x 50 | White | Signo video doorphone retrofit version. |

* For 50 and 60 Hz systems.

VIDEO DOORPHONE WITH 2VOICE SYSTEM BRACKET

| CODE | DIMENSIONS (HxWxD) mm | COLOUR | VERSION |
|----------|-----------------------|--------|---|
| 1740/753 | 225 x 205 x 50 | White |  |
| 1740/713 | 225 x 205 x 50 | White | B/W |

SYSTEM BRACKETS

| CODE | 2 VOICE | IPERVOICE | COAX | 5 WIRES | BIBUS VOP | FEATURES |
|----------|--|-----------|------|---------|-----------|---|
| 1740/83 | YES | NO | NO | NO | NO | Ready for floor call connection |
| 1740/954 | NO | NO | NO | NO | YES | |
| 1740/95 | NO | YES | NO | NO | NO | |
| 1740/90 | NO | NO | YES | NO | NO | |
| 1740/955 | NO | NO | NO | YES | NO | |
| 1740/86 |  NO | NO | YES | NO | NO | 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 | YES | NO | NO | NO | NO | |

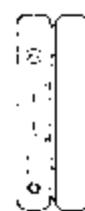
 Colour

DOORPHONES FOR SYSTEMS

| CODE | | DIMENSIONS (HxWxD) mm | 2 VOICE | IPERVOICE | 4+N | BIBUS VOP | FEATURES |
|---------|--|--------------------------|---------|-----------|-----|-----------|---|
| 1140/1 | | 225 x 85 x 42 | NO | NO | YES | NO | Doorphone set up with three supplementary buttons, of which one is already available. White. |
| 1140/41 | | 225 x 85 x 42 | NO | NO | YES | NO | Doorphone with three supplementary buttons. Anthracite. |
| 1140/42 | | 225 x 85 x 42 | NO | NO | YES | NO | Doorphone with three supplementary buttons. Platinum. |
| 1140/12 | | 225 x 106 x 42 | NO | NO | YES | NO | Doorphone with 10 supplementary buttons for intercom calls. White. |
| 1139/2 | | 225 x 85 x 42 | NO | YES | NO | NO | Provided with three supplementary buttons. |
| 1183/2 | | 225 x 85 x 42 | YES | NO | NO | NO | Provided with door opener button and 3 supplementary buttons. |
| 1172/50 | | 225 x 85 x 42 | NO | NO | NO | YES | Doorphone with two supplementary buttons for calling the switchboard and switching on staircase lights. White. |
| 1172/55 | | 225 x 85 x 42 | NO | NO | NO | YES | Doorphone with three supplementary buttons, call adjustment, floor call, 6 selectable ring tones and LEDs for indicating door open conditions. White. |



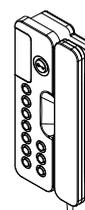
1140/1 ○



1140/41 ●



1140/42 ●



1140/12

SIGNO DOORPHONE AND VIDEO-DOORPHONE ACCESSORIES

| | | |
|---------|--|--|
| 1740/92 | | Transparent plexiglas table stand kit for Signo video doorphone 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. |
| 1740/93 | | Transparent plexiglas table stand kit for Signo video doorphone with add-on 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. |
| 1140/50 | | Transparent plexiglas table stand kit for Signo video doorphone with socket and 1.5 m wire Provided with socket and 1.5m wire. Dimensions (W x H x D) mm 200 x 95 x 158. |
| 1140/51 | | Transparent plexiglas table stand kit for Signo doorphone with button add-on 1140/12 Provided with socket and 1.5m wire. Dimensions (W x H x D) mm 200 x 110 x 158. |
| 1140/56 | | Mute button kit and two LEDs for doorphone 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. |
| 1140/53 | | Adjustable calling volume kit for Signo doorphone Insert in doorphone to adjust calling volume intensity to three positions: min, medium, max. |
| 1140/55 | | 8-button add-on kit for doorphone For use with doorphones ready for fitting supplementary buttons. White colour. |
| 9854/56 | | Additional electronic buzzer for Signo video doorphone Installed on monitor bracket, it acts as an additional chime to differentiate calls. Power supply: 12 Vdc; current draw during call 60 mA. |
| 9854/55 | | Supplementary electronic buzzer for Signo doorphone Fitted inside the doorphone, can be used as supplementary ringer for differentiating calls. Power: 12Vcc; calling consumption 60mA. |



1740/92

arco

COD. 1715

i3



MAIN FEATURES

- VERY EASY TO USE
- ROBUST AND ERGONOMIC
- INTEGRATED HEARING SET UP



COMPATIBLE WITH



Arco is the new Urmet B/W video doorphone 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

doorphone system containing costs and choosing an item with streamline, discreet design.



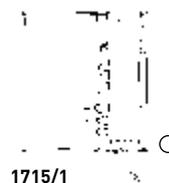
1715/1 **Arco b/w video doorphone**



1715/50 **Table-top kit for doorphones**



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



SYSTEM BRACKETS

| Code | Bibus VOP | Digivoice | Coax | 5 wires |
|-----------------|-----------|-----------|------|---------|
| 1705/954 | YES | NO | NO | NO |
| 1705/92 | NO | YES | NO | NO |
| 1705/90 | NO | NO | YES | NO |
| 1705/955 | NO | NO | NO | YES |

ACCESSORIES

| | | |
|-----------------|--|--|
| 1715/50 | | Table-top kit for doorphones, 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 Power: 12Vcc; calling consumption 60mA. |
| 9854/53 | | Floor call add-on device Power: 12Vcc; calling consumption 60mA. |
| 1705/100 | | Plastic support for retrofitting with Sentry Recover the electronic board from the bracket and replace it with the plastic support. |



atlantico

COD. 1133

i3



1133/1 - /20

Backlit door opening button



Backlit door opening button, with red LED (door open)

green LED (call in progress)



1133/50

MAIN FEATURURES

- ERGONOMIC HANDSET
- HANDSET WITH TELEPHONE CABLE AND CONNECTOR

COMPATIBLE WITH



Atlantico is the (doorphone) range designed by Michele De Lucchi: the doorphone 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.

**DOORPHONES FOR SYSTEMS**

| CODE | 2 VOICE | BIBUS VOP | DIGIVOICE | COAX/4+N | 1+N | FEATURES |
|----------|--|-----------|-----------|----------|-----|---|
| 1133 | NO | NO | NO | YES | NO | Basic doorphone without supplementary buttons. White. |
| 1133/1 |  NO | NO | NO | YES | NO | Doorphone set up with three supplementary buttons, of which one is already available. White. |
| 1133/10 | NO | NO | NO | YES | NO | Doorphone with voice on button on handset. White. |
| 1133/20 | NO | NO | NO | YES | NO | Doorphone with switch and two LEDs for indicating door open conditions (red LED and call diverter (green LED). White. |
| 1133/35A | NO | NO | NO | NO | YES | Doorphone set up with three supplementary buttons, of which one is already available. White. |
| 1172/40 | NO | YES | NO | NO | NO | Doorphone with two supplementary buttons for calling the switchboard and switching on staircase lights. White. |
| 1172/45 | NO | YES | NO | NO | NO | Doorphone with three supplementary buttons, call adjustment, floor call, 6 selectable ring tones and LEDs for indicating door open conditions. White. |
| 1138/3 | NO | NO | YES | NO | NO | Doorphone with two supplementary buttons for calling the switchboard and switching on staircase lights. White. |
| 1183/1 | YES | NO | NO | NO | NO | 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

ACCESSORIES

| | |
|---------|--|
| 1133/50 | Table-top kit for video doorphones, white Provided with socket and 1.5 m long wire. |
| 1132/54 | Three-tone gong Inserted on monitor bracket or inside doorphone for transforming a normal calling tone into a three-tone chime. No external power needed; 12Vdc, consumption during call: 250mA. |
| 1132/53 | Adjustable calling volume kit for doorphone Insert in doorphone to adjust calling volume intensity to three positions: min, medium, max. |
| 1133/55 | 10-button add-on kit for doorphone For use with doorphones ready for fitting supplementary buttons. White. |

1130

COD. 1130

i4



Possible set-up for
three supplementary
service buttons

Door opening button
with coloured indicator

MAIN FEATURES

- THE PLEASURE OF TRADITION
- USABLE IN TRADITIONAL DOORPHONE SYSTEMS WITH BUZZER
- AVAILABLE IN WHITE AND IVORY VERSIONS
- SUITABLE FOR REPLACING 1030, 930 AND 730 MODELS IN EXISTING SYSTEM

COMPATIBLE WITH

4
+N

The Mod. 1130 doorphone designed by Giugiaro is a classic product for use in traditional doorphone 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 electromechanical one-wire

doorphone switchboard. Very versatile and suitable for replacing doorphones 'mod. 1030', 'mod. 930', 'mod. 730' in existing systems.



1130/1



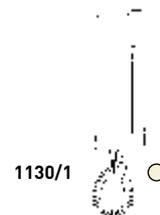
1130/50

DOORPHONES FOR SYSTEMS

| CODE | COLOUR | SYSTEM | FEATURES |
|---------|--------|-----------|---|
| 1130/1 | Ivory | Audio 4+n | Doorphone set up with three supplementary buttons, of which one is already available. |
| 1130/50 | White | Audio 4+n | Basic doorphone without supplementary buttons. |
| 1130/55 | White | Audio 4+n | Basic doorphone with audio button on handset. |

ACCESSORIES

| | |
|----------|---|
| 1130/120 | Table-top kit and 12-wire cord White. |
| 1130/100 | 10-button add-on kit for doorphone For use with doorphones ready for fitting supplementary buttons. Colour: ivory. |
| 9854/56 | Supplementary electronic buzzer Fitted on bracket inside the doorphone, can be used as supplementary ringer for differentiating calls. Power: 12Vcc; calling consumption 60mA. |



1130/1



1130/50

VIVA-VOCE DUO

COD. 752

i4



MAIN FEATURES

→ **DUO**: TWO CALL-SWITCHING PANELS WITH CONVERSATION PRIVACY FUNCTION AND WIRE IN COLUMN

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.


752/33

788/51

1145/72

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 doorphone Ref. 4340/23 with the addition of a buzzer Ref. 9854/52. Suitable for wall-mounting or flush-mounting using box Ref. 752/60.

Wall-mounted installation dimensions: 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 doorphone 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

9854/41
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.

Dimensions: 80 (W) x 80 (H) x 32 (D) mm. Consumption: 135 mA @ 12Vac Power: 9Vdc

9854/56
Supplementary electronic buzzer

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

Insert in doorphone or in video doorphone bracket. Consumption: 60 mA @ 12Vac;

15 mA @ 12Vdc Power: 12Vdc or 12Vac

COD. 752

RELAYS

788/52 **Relay box with 2 switches**
 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

788/51 **Relay box for 2 audio/video functions**
 Relay used to manage up to 2 audio/video loudspeaking units or 1 audio/video loudspeaking unit.

POWER SUPPLY UNIT

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

MICROPHONE MODULES AND SPEAKER WITH LOUDSPEAKING UNIT

1145/70 **Sinthesi microphone module for Duo speakerphone audio system**
 For use in Duo speakerphone systems only with built-in microphone.
 Module dimensions: 90 (W) x 90 (H) mm. Degree of protection: IP42.

1145/71 **Sinthesi microphone module with one calling button for Duo speakerphone audio system**
 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.

1145/72 **Sinthesi microphone module with two calling buttons for Duo speakerphone audio system**
 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.

1145/75 **Sinthesi speaker module for Duo speakerphone audio system**
 For use in Duo speakerphone systems only with built-in speaker. Module dimensions: 90 (W) x 90 (H) mm. Degree of protection: IP42.

INTERCOM

COD. 8202

i4



8202/1 - 8203/1

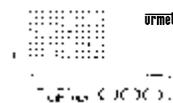
MAIN FEATURES

→ **INTERCOM: COMMUNICATIONS**
RUN ON THE ELECTRIC WIRE

Intercom power line communication device for establishing communications between devices.

POWER LINE COMMUNICATION INTERCOM MOD. 8200

8202/1 **Two-channel Power Line Communication intercom, grey**
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.

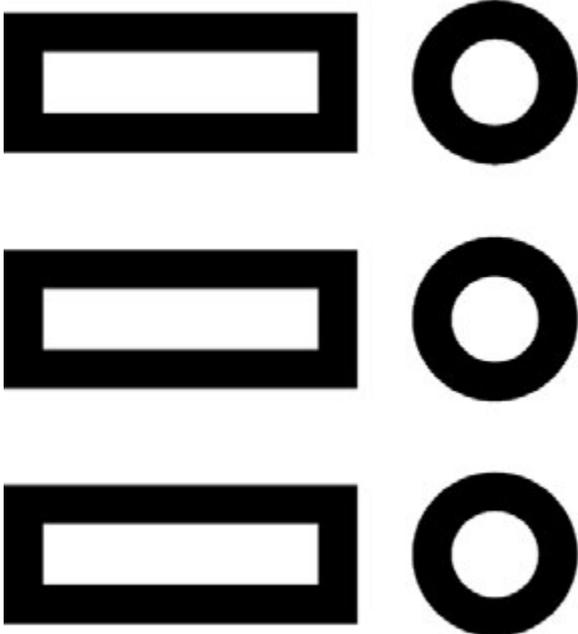


8202/1

8203/1 **Three-channel Power Line Communication intercom, grey**
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.



8203/1





ELEKTA
ELEKTA STEEL
EXIGO AND TITANIUM
SINTHESI STEEL
SINTHESI
925
MIKRA AND MIKRA AUDIO
MIKRA EXIGO

ENTRY PANELS

TECHNOLOGY, ELEGANCE, CUSTOMIZABLE FEATURES



ELEKTA
Technology advancement
is here and now
P. 82



ELEKTA STEEL
The very best under
every respect
P. 83



TITANIUM
P. 84

SOLUTIONS
FOR ALL STYLES:
**HIGH-CLASS
DELUXE
RESIDENTIAL**

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





TITANIUM SPECIAL
For special applications
P. 85

EXIGO CLASSIC AND SPECIAL
Historical town centres,
historic buildings and
luxury homes
P. 88

MIKRA EXIGO
Sophisticated design
P. 86



SINTHESI
Modular by design
P. 104

SINTHESI STEEL
Sturdy style
P. 98

925
Neat design that stems
from tradition
P. 110

MIKRA
Simple and sophisticated
P. 114

elekta

i5



MAIN FEATURES

- 3.5" TFT DISPLAY
- VOICE MESSAGES FOR OPERATIONS UNDER WAY
- ABSENCE FUNCTION AND AUDIO / VIDEO MESSAGE RECORDING
- DOOR OPEN DETECTION
- DURESS FUNCTION
- INTEGRATED AID FOR DISABLED PERSONS



COMPATIBLE WITH



Elekta is the digital entry panel with IP protocol that opens the door to IperVoice, Urmet's digital system that goes beyond the concept video door phone system. The unmistakable Urmet style features polished finish, top quality materials, smooth, stylish design lines. Countless functions are presented on an aesthetically pleasing 3.5" colour display.

Video door phone functions are supplemented with all advanced functions of the Urmet IperVoice system: call from name directory, video message with customizable

logo, route indication from entry gate to selected residence, integrated video surveillance. All this is available on the Elekta unit through convenient soft-touch controls arranged on the unit body that features rounded corners, chrome-plated edges and a smooth, polished surface that lends it a uniform, stylish appearance.

Elekta is the digital entry panel for the IperVoice digital system, and comes in flush mount style. It is very easy to install because there are no modules to be assembled.

elekta

steel

i5

ENTRY
PANELS

MAIN FEATUURES

- VANDAL RESISTANT STEEL ENTRY PANEL
- 3.5" COLOUR DISPLAY
- VOICE MESSAGES FOR OPERATIONS UNDER WAY
- ABSENCE FUNCTION AND AUDIO / VIDEO MESSAGE RECORDING
- DOOR OPEN DETECTION
- DURESS FUNCTION
- INTEGRATED AID FOR DISABLED PERSONS



COMPATIBLE WITH



Elekta Steel is the vandal resistant version of the IP digital entry panel elekta. elekta Steel has flush polished steel body with flush moving elements: this design concept dramatically reduces the possibility of damage and lends it a sturdy, pleasant appearance. Elekta Steel feature IK09 impact resistance and IP45 protection against the infiltration of liquids and fine dust.

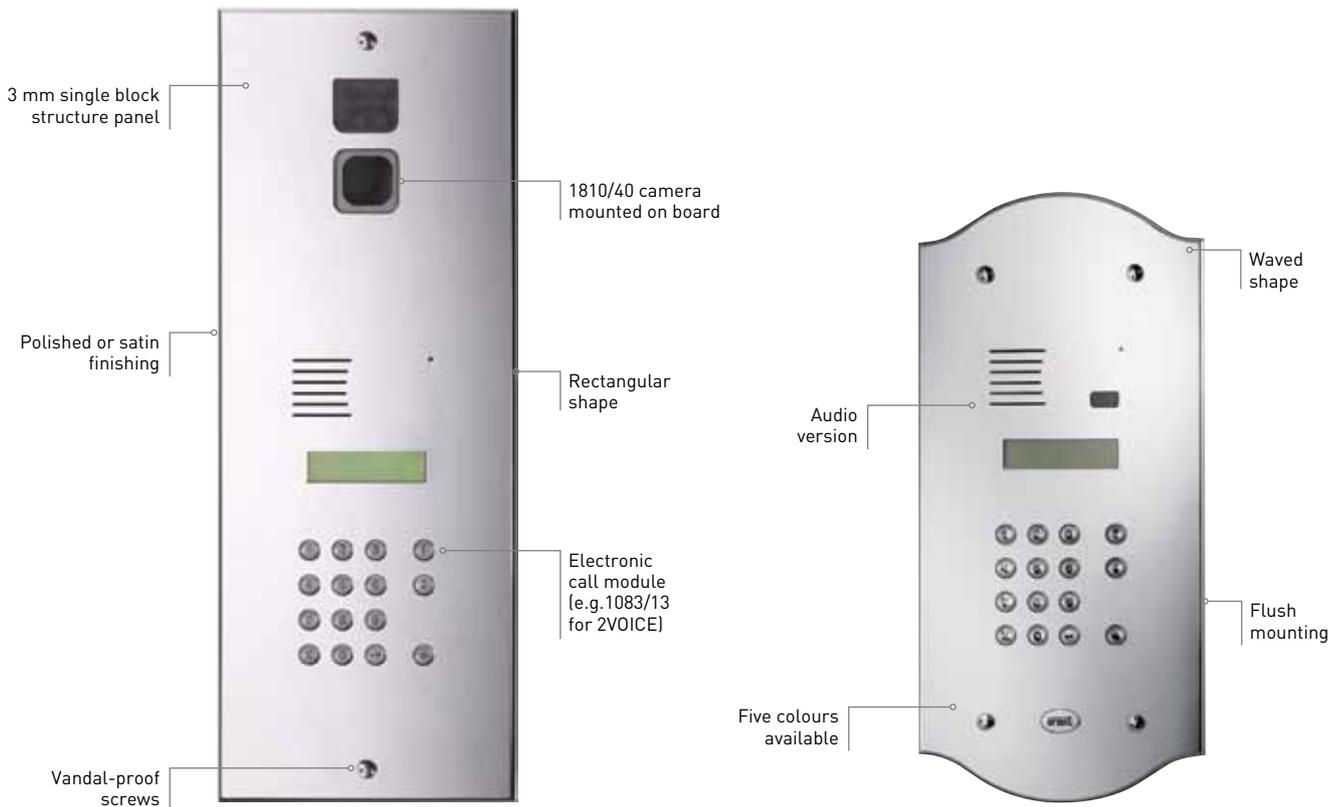
Elekta Steel has earned its reputation for excellent technology and functionality on today's markets. As a matter of fact, it offers all active communication and security functions of the Urmet

IperVoice system along with its unique passive security features.

The polished steel body is rust-proof and removal resistant; flush moving elements resist the infiltration of fluids and prevent entry panel damage; the integrated proximity key reader provides effective access control.

Elekta Steel comes in flush mount style and is secured to the wall with special Torx screws. Its compact flush steel body offers no pry points.

titanium



MAIN FEATURES

- 2VOICE VANDAL-PROOF CALL MODULE
- 3MM THICKNESS SINGLE BLOCK STRUCTURE PANEL
- AVAILABLE IN SATIN AND POLISHED FINISHING
- FIVE COLOURS WITH P.V.D. DEPOSITION
- ANTIOXIDATION TREATMENT
- CUSTOMIZABLE (SHAPES, ENGRAVING, SIZES, FINISHINGS)
- EVENTUALLY ADAPTABLE TO EXISTING EMBEDDING BOX

COMPATIBLE WITH



Titanium is the dedicated call module video panel compatible with 2VOICE and BIBUS systems.

It is suited for flush mounting with dedicated embedding box.

Titanium panel finishing and colours are customizable to

fit in the best way inside the building structure. Two finishings are available POLISHED and SATIN. Five colours can be chosen. GOLD, STEEL, GUN METAL, COPPER BRONZE and MICACEOUS IRON

Titanium panel size and shape are also customizable to eventually fit with existing embedding box and avoid expensive hand-work on the wall.

titanium

special

PRODEL
URMET GROUP



ENTRY
PANELS

MAIN FEATURES

- INTEGRATION OF URMET GROUP ELECTRONIC IN A SINGLE BLOCK STRUCTURE PANEL
- 3 mm THICKNESS PANEL
- AVAILABLE IN SATIN AND POLISHED FINISHING
- FIVE COLOURS WITH P.V.D. DEPOSITION
- ANTIOXIDATION TREATMENT
- CUSTOMIZABLE (SHAPES, ENGRAVING, SIZES, FINISHINGS)
- EVENTUALLY ADAPTABLE TO EXISTING EMBEDDING BOX

Prodel is an Urmec Group company based in Turin and specialized in custom panels.

Prodel controls 100% of manufacturing process from design to manufacturing of custom panels based on electronic from Urmec Group to fit various customer demands.

Prodel has recently installed new P.V.D. (Physical Vapor Deposition) machine which

allows to depositate thin film of metal vapors offering high endurance and various color choice.

TITANIUM SPECIAL product line resumes on the same panel the highest quality and elegance available in the market and customization requirement to fit in the best way with customer demands, avoiding expensive hand-work on the wall.

COMPATIBLE WITH

| Per voice | | 2 voice | | BUS VOP | | DIGI voice | | COAX | | 5 WIRES | | 4 +N | | 1 +N |

exigo

PRODEL
URMET GROUP



MAIN FEATURES

- COMPATIBLE WITH DIGITAL 2VOICE SYSTEM AND ALL ANALOGUE SYSTEMS
- PVD ANTI-CORROSION AND ANTI-OXIDATION TREATMENT ON AUDIO AND VIDEO VERSIONS, FOR BOTH CLASSIC AND SPECIAL MODELS
- *CLASSIC: POLISHED AND SATIN-FINISHED BRASS
- ** SPECIAL: CUSTOMIZED FINISHES (POLISHED

- AND SATIN-FINISHED BRASS, COLOUR FINISHES: STEEL-CHROME, GUN-METAL GREY, COPPER BRONZE, MICACEOUS IRON, ETC)
- RETROFITS TO ALL URMET ENTRY PANELS AND TO THIRD-PARTY ENTRY PANELS AT REQUEST

* CLASSIC: polished or satin-finished brass-coated entry panels, non-customized, up to 20 buttons.

** SPECIAL: entry panels with custom shapes and engravings.

COMPATIBLE WITH

| 2 |
| B |
| Digi |
| COAX |
| 5 |
| 4 |
| 1 |
 voice BUS voice COAX WIRES +N +N

Elegance is the balance of character and refinement. Elegance is Exigo which, with its fluid, classical shapes, high quality material and special finishes, is the ideal panel to add a touch of style to historical buildings and places of architectural interest: in the heart of cities, where appearance is fundamental and where modern communication systems are a must. This is why Exigo blends traditional design and state-of-the-art technology, integrating solutions compatible with all system types - audio, video, analogue, digital, including the new 2Voice two non-polarised wire system - with all the functions you need.

Exigo is addressed to users who love to choose among endless options: many finishes, in polished and satin-finished brass, and

the new colour finishes from the Special series; flexible options for the engravings of name labels (available in two materials - brass and anthracite PVC) and front panels, with a choice of 2 characters. What about back-lighting? Stylish white back-lighting is provided by high-efficiency LEDs.

Classiness is timeless: this is why Urmet has made a range of panels that is guaranteed to stand up to the test of time. Quality materials and high-tech solutions have made it possible to reach this objective: rough brass panels are subjected to galvanic treatment followed by PVD. PVD - Physical Vapour Deposition - consists of coating the object with an electrochemical titanium treatment to confer the top robustness and resistance to elements and wear over



THIRD-PARTY ENTRY PANEL → EXIGO

time. In this manner, Urmet brass panels remain as new, year after year, like the first day.

The same high standard of care is found in details, such as the labels mounted on the reverse side for improved aesthetics and enhanced vandal resistance.

IDEAL FOR:
ANCIENT BUILDINGS
RENOVATED BUILDINGS
DETACHED HOUSES
SEMI-DETACHED HOUSES

- CORROSION-PROOF
- OXIDISATION PROOF
- UTMOST WEATHER RESISTANCE
- PVD
- WHOLE SURFACE IS TREATED INCLUDING BUTTONS, LABELS AND SCREWS

DOUBLE ELECTROCHEMICAL TITANIUM PVD TREATMENT AND GALVANIC TREATMENT

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



exigo CLASSIC



MAIN FEATURES

- AUDIO AND VIDEO ANALOGUE AND DIGITAL SOLUTIONS, 1 OR 2 ROWS
- CAN BE USED WITH FLUSH-MOUNTING BOXES MOD 1145 WITH 1 UP TO 10 BUTTONS
- COMPATIBLE WITH CERTAIN FLUSH-MOUNTING BOXES MOD. 625*
- 3 TO 20 BUTTONS



Polished brass (LO)



Satin-finished brass (SO)

* For more information, please contact the Urmet sales network, visit www.prodeltorino.it or call +39 011 2484103.

Exigo Classic

Available from stock in the 1 to 20-buttons audio and video versions. Front panel and flush-mounting box are sold separately so that the existing box can be reused in renovation projects.

Timely service

A craftsman's workmanship merged with industrial technology and efficiency. This is the key to providing superior quality products and attentive, timely service. Our quick delivery times are one of our key strengths

and a valuable asset to your business, as the products from Urmet's exigo series are delivered from stock.



EXIGO SPECIAL



MAIN FEATURES

- BROAD CHOICE OF COLOURS, FINISHES AND NUMBER OF BUTTONS
- FITS EXISTING FRONT PANELS (MOD. 625, MOD. 725, KOMBI AND SINTHESI)



Special versions of polished and satin-finished brass



Chrome-steel polished brass

Chrome-steel satin-finished brass



Gun metal grey polished brass

Gun metal grey satin-finish brass



Copper bronze polished brass

Copper bronze satin-finished brass



Micaceous iron brass

Tailored systems and design styles

Urmet, in collaboration with Prodel (a Group company that fabricates custom-made products) offers its customers increased freedom of choice and flexible customization options under all respects, including appearance and technology.

www.prodeltorino.it



PRODEL DELIVERS YOUR NEEDS



Exigo is the entry panel that offers endless customization options and refined finishes,

in polished and satin-finished brass with steel-chrome, gun-metal grey, copper bronze,

micaceous iron colour finishes. Even shapes can be customized to user's preferences thanks

to Prodel's special machining capabilities. To find out more, please visit www.prodeltorino.it.



Polished brass (LO)



Micaceous iron brass (VM)



Polished steel (LA)



Satin-finished steel (SA)



Gun metal grey polished brass (LF)



Gun metal grey satin-finish brass (SF)



Copper bronze polished brass (LB)



Copper bronze satin-finished brass (SB)

DISTINCT PERSONALITY TO DEFINE YOUR STYLE



PT1530SL43 - First line engraving, typestyle SL43



PT1530AERO - First line engraving, typestyle AERO



1x PT1530AERO + 2x PT1531AERO
First line engraving, typestyle AERO + two engravings on additional line typestyle AERO



PVD brass label with punched out lettering, typestyle STENCIL



Label in steel-effect material with punched out lettering, typestyle STENCIL, with BLUE opal glass spare label



Engraved PVC label, typestyle SL43



Engraved PVC label, typestyle AERO



Standard back-lighting with WHITE high-efficiency LEDs



Spare opal glass label for GREEN lighting



Spare opal glass label for BLUE lighting

A harmonious, consistent style enhances the class of a building. Exigo adapts to the building's architectural style and offers:

- rounded shapes for ancient buildings
- square shapes for the most

contemporary buildings

- a matching line of bells and signs to achieve a consistent building style from main entrance to apartment door.

Brass engravings in two typestyles: a sober AERO or the calligraphic SL43 typestyle

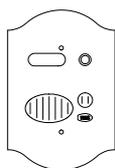
for information and indications such as street name, building number, warnings and all label names, available in brass or anthracite PVC.

A historic building name or other information may be engraved on the top and

bottom area of the front panel for an uncluttered appearance with no need for additional signs.

Note: Please contact sales network to enquire about custom engravings and special typestyles.

exigo CLASSIC



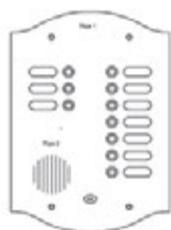
2185/101L



2143/106L



2143/207S



2143/210S

BRASS-COATED POLISHED AUDIO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 1145 (flush-mounting box not included). All front panels are in stock

| PRODEL ITEM NUMBER | URMET ITEM NUMBER | N. of BTNS | N. of BTN ROWS | FRONT PANEL DIMENSIONS | FLUSH MOUNTING BOX DIMENSIONS (mm) | 2 VOICE | COAX/4+N | 5 WIRE/1+N | DIGVOICE | BIBUS VOP |
|--------------------|-------------------|------------|----------------|------------------------|------------------------------------|---------|----------|------------|----------|-----------|
| 2185/101L | 1143/1L* | 1 | 1 | 132 X 187 | 118 X 114 X 45 | NO | YES | NO | NO | NO |
| 2185/102L | 1143/2L* | 2 | 1 | 132 X 187 | 118 X 114 X 45 | NO | YES | NO | NO | NO |
| 2143/101L | 1143/101L | 1 | 1 | 136 X 270 | 118 X 204 X 60 | YES | YES | YES | YES | YES |
| 2143/102L | 1143/102L | 2 | 1 | 136 X 270 | 118 X 204 X 60 | YES | YES | YES | YES | YES |
| 2143/103L | 1143/103L | 3 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2143/104L | 1143/104L | 4 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2143/105L | 1143/105L | 5 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2143/106L | 1143/106L | 6 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2143/207L | 1143/107L** | 7 | 2 | 264 X 280 | 244 X 204 X 60 | YES | YES | YES | YES | YES |
| 2143/208L | 1143/108L** | 8 | 2 | 264 X 280 | 244 X 204 X 60 | YES | YES | YES | YES | YES |
| 2143/209L | 1143/109L** | 9 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |
| 2143/210L | 1143/110L** | 10 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |

*Uses outdoor station 4+n 824/500.

LA, LB, LF, LO [see page 87]

**Buttons are not arranged symmetrically.

BRASS-COATED SATIN-FINISHED AUDIO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 1145 (flush-mounting box not included). All front panels are in stock

| PRODEL ITEM NUMBER | URMET ITEM NUMBER | N. of BTNS | N. of BTN ROWS | FRONT PANEL DIMENSIONS | FLUSH MOUNTING BOX DIMENSIONS (mm) | 2 VOICE | COAX/4+N | 5 WIRE/1+N | DIGVOICE | BIBUS VOP |
|--------------------|-------------------|------------|----------------|------------------------|------------------------------------|---------|----------|------------|----------|-----------|
| 2185/101S | 1143/1S* | 1 | 1 | 132 X 187 | 118 X 114 X 45 | NO | YES | NO | NO | NO |
| 2185/102S | 1143/2S* | 2 | 1 | 132 X 187 | 118 X 114 X 45 | NO | YES | NO | NO | NO |
| 2143/101S | 1143/101S | 1 | 1 | 136 X 270 | 118 X 204 X 60 | YES | YES | YES | YES | YES |
| 2143/102S | 1143/102S | 2 | 1 | 136 X 270 | 118 X 204 X 60 | YES | YES | YES | YES | YES |
| 2143/103S | 1143/103S | 3 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2143/104S | 1143/104S | 4 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2143/105S | 1143/105S | 5 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2143/106S | 1143/106S | 6 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2143/207S | 1143/107S** | 7 | 2 | 264 X 280 | 244 X 204 X 60 | YES | YES | YES | YES | YES |
| 2143/208S | 1143/108S** | 8 | 2 | 264 X 280 | 244 X 204 X 60 | YES | YES | YES | YES | YES |
| 2143/209S | 1143/109S** | 9 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |
| 2143/210S | 1143/110S** | 10 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |

*Uses outdoor station 4+n 824/500.

SA, SB, SF, SO [see page 87]

**Buttons are not arranged symmetrically.

P: polished O: gold colour F: gun metal colour
S: satin-finish A: steel colour B: copper bronze colour

NOTE: name plate engraving/punching service
[see page 89]
www.prodeltorino.it/MYPRODEL

BRASS-COATED POLISHED AUDIO FRONT PANELS FOR FLUSH-MOUNTING BOXES
MOD. 625 (flush-mounting box not included). All front panels are in stock

| PRODEL ITEM NUMBER | URMET ITEM NUMBER | N. of BTNS | N. of BTN ROWS | FRONT PANEL DIMENSIONS | FLUSH MOUNTING BOX DIMENSIONS (mm) | 2 VOICE | COAX/4+N | 5 WIRE/1+N | DIGVOICE | BIBUS VOP |
|--------------------|-------------------|------------|----------------|------------------------|------------------------------------|---------|----------|------------|----------|-----------|
| 2785/101L | 1743/1L* | 1 | 1 | 136 X 270 | 118 X 204 X 60 | NO | YES | NO | YES | NO |
| 2785/102L | 1743/2L* | 2 | 1 | 136 X 270 | 118 X 204 X 60 | NO | YES | NO | YES | NO |
| 2743/101L | 1743/101L | 1 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2743/102L | 1743/102L | 2 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2743/103L | 1743/103L | 3 | 1 | 136 X 450 | 118 X 384 X 60 | YES | YES | YES | YES | YES |
| 2743/104L | 1743/104L | 4 | 1 | 136 X 450 | 118 X 384 X 60 | YES | YES | YES | YES | YES |
| 2743/105L | 1743/105L | 5 | 1 | 136 X 450 | 118 X 384 X 60 | YES | YES | YES | YES | YES |
| 2743/106L | 1743/106L | 6 | 1 | 136 X 450 | 118 X 384 X 60 | YES | YES | YES | YES | YES |
| 2743/207L | 1743/107L** | 7 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |
| 2743/208L | 1743/108L** | 8 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |
| 2743/209L | 1743/109L** | 9 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |
| 2743/210L | 1743/110L** | 10 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |

*Uses 4+n loudspeaking unit 824/500.

**The button arrangement is not symmetric.



2785/101L



2743/207L

MATCHING BRASS-COATED POLISHED AUDIO AND VIDEO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 1145 (flush-mounting box not included). All front panels are in stock

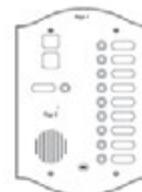
| PRODEL ITEM NUMBER | URMET ITEM NUMBER | N. of BTNS | N. of BTN ROWS | FRONT PANEL DIMENSIONS | FLUSH MOUNTING BOX DIMENSIONS (mm) | 2 VOICE | COAX/4+N | 5 WIRE/1+N | DIGVOICE | BIBUS VOP |
|--------------------|-------------------|------------|----------------|------------------------|------------------------------------|---------|----------|------------|----------|-----------|
| 2785/101S | 1743/1S* | 1 | 1 | 136 X 270 | 118 X 204 X 60 | NO | YES | NO | NO | NO |
| 2785/102S | 1743/2S* | 2 | 1 | 136 X 270 | 118 X 204 X 60 | NO | YES | NO | NO | NO |
| 2743/101S | 1743/101S | 1 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2743/102S | 1743/102S | 2 | 1 | 136 X 360 | 118 X 294 X 60 | YES | YES | YES | YES | YES |
| 2743/103S | 1743/103S | 3 | 1 | 136 X 450 | 118 X 384 X 60 | YES | YES | YES | YES | YES |
| 2743/104S | 1743/104S | 4 | 1 | 136 X 450 | 118 X 384 X 60 | YES | YES | YES | YES | YES |
| 2743/105S | 1743/105S | 5 | 1 | 136 X 450 | 118 X 384 X 60 | YES | YES | YES | YES | YES |
| 2743/106S | 1743/106S | 6 | 1 | 136 X 450 | 118 X 384 X 60 | YES | YES | YES | YES | YES |
| 2743/207S | 1743/107S** | 7 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |
| 2743/208S | 1743/108S** | 8 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |
| 2743/209S | 1743/109S** | 9 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |
| 2743/210S | 1743/110S** | 10 | 2 | 264 X 370 | 244 X 294 X 60 | YES | YES | YES | YES | YES |

*Uses 4+n loudspeaking unit 824/500.

**The button arrangement is not symmetric.



2749/102S



2743/210S

P: polished **O:** gold colour **F:** gun metal colour
S: satin-finish **A:** steel colour **B:** copper bronze colour

exigo CLASSIC



POLISHED BRASS-PLATED FRONT PANELS (AUDIO) FOR MOD. 625 FLUSH-MOUNTING BOXES

(flush-mounting box not included). All front panels are in stock



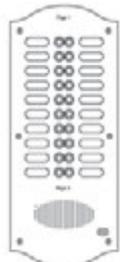
2121/106L



2121/214L



2121/208S



2121/220S

| PRODEL ITEM NUMBER | URMET ITEM NUMBER | N. of BTNS | N. of BTN ROWS | FRONT PANEL DIMENSIONS | FLUSH MOUNTING BOX DIMENSIONS (mm) | 2 VOICE | COAX/4+N | 5 WIRE/1+N | DIGVOICE | BIBUS VOP |
|--------------------|-------------------|------------|----------------|------------------------|------------------------------------|---------|----------|------------|----------|-----------|
| 2121/103L | 1121/103L | 3 | 1 | 130 X 326 | 110 X 256 X 55 | YES | YES | YES | YES | YES |
| 2121/104L | 1121/104L | 4 | 1 | 130 X 354 | 110 X 284 X 55 | YES | YES | YES | YES | YES |
| 2121/105L | 1121/105L | 5 | 1 | 130 X 382 | 110 X 312 X 55 | YES | YES | YES | YES | YES |
| 2121/106L | 1121/106L | 6 | 1 | 130 X 410 | 110 X 340 X 55 | YES | YES | YES | YES | YES |
| 2121/204L | 1121/204L | 4 | 2 | 206 X 299 | 186 X 228 X 55 | YES | YES | YES | YES | YES |
| 2121/206L | 1121/206L | 6 | 2 | 206 X 299 | 186 X 228 X 55 | YES | YES | YES | YES | YES |
| 2121/208L | 1121/208L | 8 | 2 | 206 X 364 | 186 X 284 X 55 | YES | YES | YES | YES | YES |
| 2121/210L | 1121/210L | 10 | 2 | 206 X 364 | 186 X 284 X 55 | YES | YES | YES | YES | YES |
| 2121/212L | 1121/212L | 12 | 2 | 206 X 392 | 186 X 312 X 55 | YES | YES | YES | YES | YES |
| 2121/214L | 1121/214L | 14 | 2 | 206 X 420 | 186 X 340 X 55 | YES | YES | YES | YES | YES |
| 2121/216L | 1121/216L | 16 | 2 | 206 X 448 | 186 X 368 X 55 | YES | YES | YES | YES | YES |
| 2121/218L | 1121/218L | 18 | 2 | 206 X 476 | 186 X 396 X 55 | YES | YES | YES | YES | YES |
| 2121/220L | 1121/220L | 20 | 2 | 206 X 504 | 186 X 424 X 55 | YES | YES | YES | YES | YES |

LA, LB, LF, LO [see page 87]

SATIN BRASS-PLATED FRONT PANELS (AUDIO) FOR MOD. 625 FLUSH-MOUNTING BOXES

(flush-mounting box not included). All front panels are in stock

| PRODEL ITEM NUMBER | URMET ITEM NUMBER | N. of BTNS | N. of BTN ROWS | FRONT PANEL DIMENSIONS | FLUSH MOUNTING BOX DIMENSIONS (mm) | 2 VOICE | COAX/4+N | 5 WIRE/1+N | DIGVOICE | BIBUS VOP |
|--------------------|-------------------|------------|----------------|------------------------|------------------------------------|---------|----------|------------|----------|-----------|
| 2121/103S | 1121/103S | 3 | 1 | 130 X 326 | 110 X 256 X 55 | YES | YES | YES | YES | YES |
| 2121/104S | 1121/104S | 4 | 1 | 130 X 354 | 110 X 284 X 55 | YES | YES | YES | YES | YES |
| 2121/105S | 1121/105S | 5 | 1 | 130 X 382 | 110 X 312 X 55 | YES | YES | YES | YES | YES |
| 2121/106S | 1121/106S | 6 | 1 | 130 X 410 | 110 X 340 X 55 | YES | YES | YES | YES | YES |
| 2121/204S | 1121/204S | 4 | 2 | 206 X 299 | 186 X 228 X 55 | YES | YES | YES | YES | YES |
| 2121/206S | 1121/206S | 6 | 2 | 206 X 299 | 186 X 228 X 55 | YES | YES | YES | YES | YES |
| 2121/208S | 1121/208S | 8 | 2 | 206 X 364 | 186 X 284 X 55 | YES | YES | YES | YES | YES |
| 2121/210S | 1121/210S | 10 | 2 | 206 X 364 | 186 X 284 X 55 | YES | YES | YES | YES | YES |
| 2121/212S | 1121/212S | 12 | 2 | 206 X 392 | 186 X 312 X 55 | YES | YES | YES | YES | YES |
| 2121/214S | 1121/214S | 14 | 2 | 206 X 420 | 186 X 340 X 55 | YES | YES | YES | YES | YES |
| 2121/216S | 1121/216S | 16 | 2 | 206 X 448 | 186 X 368 X 55 | YES | YES | YES | YES | YES |
| 2121/218S | 1121/218S | 18 | 2 | 206 X 476 | 186 X 396 X 55 | YES | YES | YES | YES | YES |
| 2121/220S | 1121/220S | 20 | 2 | 206 X 504 | 186 X 424 X 55 | YES | YES | YES | YES | YES |

SA, SB, SF, SO [see page 87]

P: polished O: gold colour F: gun metal colour
S: satin-finish A: steel colour B: copper bronze colour

NOTE: name plate engraving/punching service [see page 89]

www.prodeltorino.it\MYPRODEL

POLISHED BRASS-PLATED FRONT PANELS (AUDIO) FOR MOD. 625 FLUSH-MOUNTING BOXES

(flush-mounting box not included). All front panels are in stock

| PRODEL ITEM NUMBER | URMET ITEM NUMBER | N. of BTNS | N. of BTN ROWS | FRONT PANEL DIMENSIONS | FLUSH MOUNTING BOX DIMENSIONS (mm) | 2 VOICE | COAX/4+N | 5 WIRE/1+N | DIGVOICE | BIBUS VOP |
|--------------------|-------------------|------------|----------------|------------------------|------------------------------------|---------|----------|------------|----------|-----------|
| 2721/103L | 1721/103L | 3 | 1 | 130 X 410 | 110 X 344 X 55 | YES | YES | YES | YES | YES |
| 2721/104L | 1721/104L | 4 | 1 | 130 X 438 | 110 X 372 X 55 | YES | YES | YES | YES | YES |
| 2721/105L | 1721/105L | 5 | 1 | 130 X 466 | 110 X 400 X 55 | YES | YES | YES | YES | YES |
| 2721/106L | 1721/106L | 6 | 1 | 130 X 494 | 110 X 428 X 55 | YES | YES | YES | YES | YES |
| 2721/204L | 1721/204L | 4 | 2 | 206 X 392 | 186 X 316 X 55 | YES | YES | YES | YES | YES |
| 2721/206L | 1721/206L | 6 | 2 | 206 X 392 | 186 X 316 X 55 | YES | YES | YES | YES | YES |
| 2721/208L | 1721/208L | 8 | 2 | 206 X 420 | 186 X 344 X 55 | YES | YES | YES | YES | YES |
| 2721/210L | 1721/210L | 10 | 2 | 206 X 448 | 186 X 372 X 55 | YES | YES | YES | YES | YES |
| 2721/212L | 1721/212L | 12 | 2 | 206 X 476 | 186 X 400 X 55 | YES | YES | YES | YES | YES |
| 2721/214L | 1721/214L | 14 | 2 | 206 X 504 | 186 X 428 X 55 | YES | YES | YES | YES | YES |
| 2721/216L | 1721/216L | 16 | 2 | 206 X 532 | 186 X 456 X 55 | YES | YES | YES | YES | YES |
| 2721/218L | 1721/218L | 18 | 2 | 206 X 560 | 186 X 484 X 55 | YES | YES | YES | YES | YES |
| 2721/220L | 1721/220L | 20 | 2 | 206 X 588 | 186 X 512 X 55 | YES | YES | YES | YES | YES |



2721/104L



2721/212L



2721/204S



2721/220S

POLISHED BRASS-PLATED FRONT PANELS (AUDIO) FOR MOD. 625 FLUSH-MOUNTING BOXES

(flush-mounting box not included). All front panels are in stock

| PRODEL ITEM NUMBER | URMET ITEM NUMBER | N. of BTNS | N. of BTN ROWS | FRONT PANEL DIMENSIONS | FLUSH MOUNTING BOX DIMENSIONS (mm) | 2 VOICE | COAX/4+N | 5 WIRE/1+N | DIGVOICE | BIBUS VOP |
|--------------------|-------------------|------------|----------------|------------------------|------------------------------------|---------|----------|------------|----------|-----------|
| 2721/103S | 1721/103S | 3 | 1 | 130 X 410 | 110 X 344 X 55 | YES | YES | YES | YES | YES |
| 2721/104S | 1721/104S | 4 | 1 | 130 X 438 | 110 X 372 X 55 | YES | YES | YES | YES | YES |
| 2721/105S | 1721/105S | 5 | 1 | 130 X 466 | 110 X 400 X 55 | YES | YES | YES | YES | YES |
| 2721/106S | 1721/106S | 6 | 1 | 130 X 494 | 110 X 428 X 55 | YES | YES | YES | YES | YES |
| 2721/204S | 1721/204S | 4 | 2 | 206 X 392 | 186 X 316 X 55 | YES | YES | YES | YES | YES |
| 2721/206S | 1721/206S | 6 | 2 | 206 X 392 | 186 X 316 X 55 | YES | YES | YES | YES | YES |
| 2721/208S | 1721/208S | 8 | 2 | 206 X 420 | 186 X 344 X 55 | YES | YES | YES | YES | YES |
| 2721/210S | 1721/210S | 10 | 2 | 206 X 448 | 186 X 372 X 55 | YES | YES | YES | YES | YES |
| 2721/212S | 1721/212S | 12 | 2 | 206 X 476 | 186 X 400 X 55 | YES | YES | YES | YES | YES |
| 2721/214S | 1721/214S | 14 | 2 | 206 X 504 | 186 X 428 X 55 | YES | YES | YES | YES | YES |
| 2721/216S | 1721/216S | 16 | 2 | 206 X 532 | 186 X 456 X 55 | YES | YES | YES | YES | YES |
| 2721/218S | 1721/218S | 18 | 2 | 206 X 560 | 186 X 484 X 55 | YES | YES | YES | YES | YES |
| 2721/220S | 1721/220S | 20 | 2 | 206 X 588 | 186 X 512 X 55 | YES | YES | YES | YES | YES |

P: polished **O:** gold colour **F:** gun metal colour
S: satin-finish **A:** steel colour **B:** copper bronze colour

exigo CLASSIC



OUTDOOR STATIONS

| | |
|-------------------|---|
| 1083/8 new | Audio outdoor station for 2Voice systems For use in combination with 1083/17 module (one every 16 users). |
| 824/500 | Posto esterno Audio slim per sistemi 4+n |
| 1128/500 | Audio outdoor station for 4+n systems (replaces outdoor station 5150/500) |
| 1128/510 | Audio outdoor station for 4+n systems with 12 Vac power supply (replaces outdoor station 5150/510) |
| 5150/53 | Audio outdoor station for 4+n systems running on 3 wires |
| 1035/67 | Audio outdoor station for 1+n systems |
| 1072/19A | Audio loudspeaking unit for Bibus/VOP systems Manages 18 buttons; 1083/17 module used to increase the number of buttons up to a maximum of 82 buttons |

FRONT PANELS FOR CAMERA/CAMERA

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

ACCESSORIES

| | |
|----------|---|
| 1110/74 | 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. |
| 1083/17 | 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. |
| 1143/60 | Spacer frame for flush-mounting box 1145 For use in combination with Mod. 1145 flush-mounting box with brass-plated panels series 1743-1143. |





BRASS-COATED POLISHED AUDIO AND VIDEO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 625

| URMET ITEM NOS. | | | PRODEL ITEM NOS. | | |
|-----------------|-------------|--------------------|------------------|--------------------|----------|
| | ENTRY PANEL | FLUSH-MOUNTING BOX | ENTRY PANEL | FLUSH-MOUNTING BOX | |
| AUDIO | 1121/103 | 1121/53 | 2121/103 | 2121/503 | |
| | 1121/104 | 1121/54 | 2121/104 | 2121/504 | |
| | 1121/105 | 1121/55 | 2121/105 | 2121/505 | |
| | 1121/106 | 1121/56 | 2121/106 | 2121/506 | |
| | 1121/204 | 1121/60 | 2121/204 | 2121/604 | |
| | 1121/206 | 1121/60 | 2121/206 | 2121/606 | |
| | 1121/208 | 1121/62 | 2121/208 | 2121/608 | |
| | 1121/210 | 1121/62 | 2121/210 | 2121/610 | |
| | 1121/212 | 1121/64 | 2121/212 | 2121/612 | |
| | 1121/214 | 1121/65 | 2121/214 | 2121/614 | |
| | 1121/216 | 1121/66 | 2121/216 | 2121/616 | |
| | 1121/218 | 1121/67 | 2121/218 | 2121/618 | |
| | 1121/220 | 1121/68 | 2121/220 | 2121/620 | |
| | VIDEO | 1721/103 | 1721/53 | 2721/103 | 2721/503 |
| | | 1721/104 | 1721/54 | 2721/104 | 2721/504 |
| 1721/105 | | 1721/55 | 2721/105 | 2721/505 | |
| 1721/106 | | 1721/56 | 2721/106 | 2721/506 | |
| 1721/204 | | 1721/60 | 2721/204 | 2721/604 | |
| 1721/206 | | 1721/61 | 2721/206 | 2721/606 | |
| 1721/208 | | 1721/62 | 2721/208 | 2721/608 | |
| 1721/210 | | 1721/63 | 2721/210 | 2721/610 | |
| 1721/212 | | 1721/64 | 2721/212 | 2721/612 | |
| 1721/214 | | 1721/65 | 2721/214 | 2721/614 | |
| 1721/216 | | 1721/66 | 2721/216 | 2721/616 | |
| 1721/218 | | 1721/67 | 2721/218 | 2721/618 | |
| 1721/220 | | 1721/68 | 2721/220 | 2721/620 | |

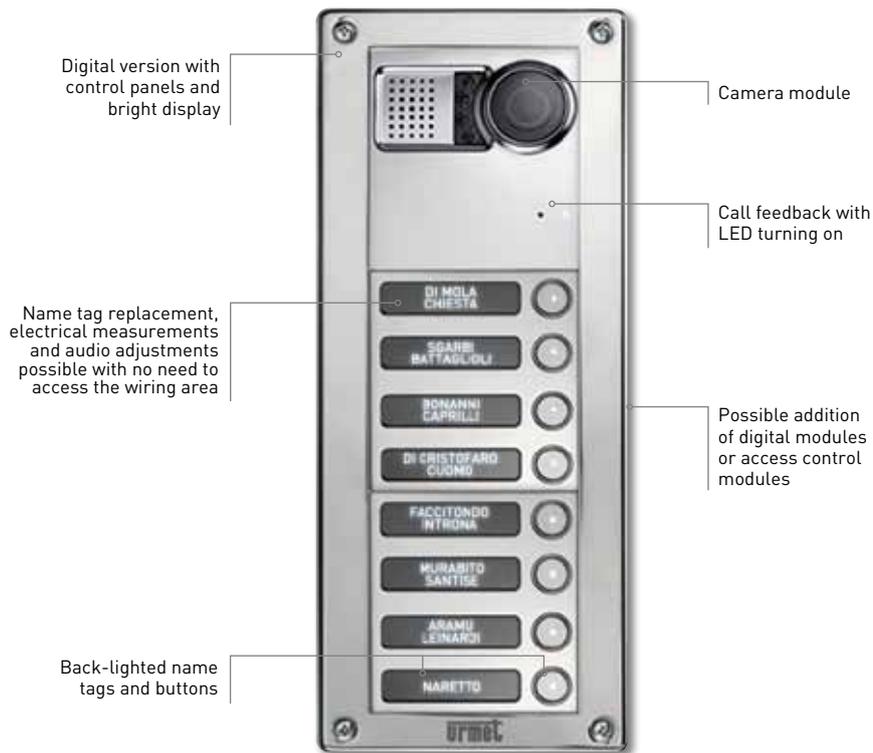
MATCHING BRASS-COATED POLISHED AUDIO AND VIDEO FRONT PANELS FOR FLUSH-MOUNTING BOXES MOD. 1145

| URMET ITEM NOS. | | | PRODEL ITEM NOS. |
|-----------------|-----------------------|-----------------------|------------------|
| AUDIO | ENTRY PANEL | FLUSH-MOUNTING BOX | ENTRY PANEL |
| | 1143/1 | 1145/51 | 2185/101 |
| | 1143/2 | 1145/51 | 2185/102 |
| | 1143/101 | 1145/52 + 1143/60 | 2143/101 |
| | 1143/102 | 1145/52 + 1143/60 | 2143/102 |
| | 1143/103 | 1145/53 + 1143/60 | 2143/103 |
| | 1143/104 | 1145/53 + 1143/60 | 2143/104 |
| | 1143/105 | 1145/53 + 1143/60 | 2143/105 |
| | 1143/106 | 1145/53 + 1143/60 | 2143/106 |
| | 1143/107 | 2x1145/52 + 2x1143/60 | 2143/207 |
| | 1143/108 | 2x1145/52 + 2x1143/60 | 2143/208 |
| | 1143/109 | 2x1145/53 + 2x1143/60 | 2143/209 |
| | 1143/110 | 2x1145/53 + 2x1143/60 | 2143/210 |
| VIDEO | 1743/1 | 1145/52 + 1143/60 | 2785/101 |
| | 1743/2 | 1145/52 + 1143/60 | 2785/102 |
| | 1743/101 | 1145/53 + 1143/60 | 2743/101 |
| | 1743/102 | 1145/53 + 1143/60 | 2743/102 |
| | 1743/103 | 1145/54 + 1143/60 | 2743/103 |
| | 1743/104 | 1145/54 + 1143/60 | 2743/104 |
| | 1743/105 | 1145/54 + 1143/60 | 2743/105 |
| | 1743/106 | 1145/54 + 1143/60 | 2743/106 |
| | 1743/107 | 2x1145/53 + 2x1143/60 | 2743/207 |
| | 1743/108 | 2x1145/53 + 2x1143/60 | 2743/208 |
| | 1743/109 | 2x1145/53 + 2x1143/60 | 2743/209 |
| 1743/110 | 2x1145/53 + 2x1143/60 | 2743/210 | |

synthesi steel



i8



MAIN FEATURES

- VANDAL RESISTANT STEEL BODY, WITH FLUSH BUTTONS
- COMPATIBLE WITH SYNTHESI AND K-STEEL FLUSH-MOUNTING BOXES
- WIDE-ANGLE CAMERA - 120°
- WHITE BACK-LIGHTING AND CUSTOMIZABLE NAME TAG COLOURS
- MECHANICAL IMPACT RESISTANCE DEGREE: IK09
- COMPATIBLE WITH ANALOGUE SYNTHESI OUTDOOR STATIONS
- PRE-WIRED MODULES
- IP45 PROTECTION DEGREE (INGRESS OF SOLID OBJECTS AND WATER)

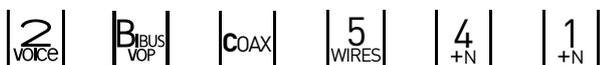


Door-opener module
1158/45



Module for the hearing impaired
1158/48

COMPATIBLE WITH



SMARTER, STRONGER, MORE BEAUTIFUL

Beautiful and compact: instantly attractive

Sinthesi Steel is beautiful, refined and features a sober, unique design: it is the ideal entry panel to create a contemporary style welcome for guests. Its flush design and the absence of interstices between each element lend Sinthesi Steel a compact and elegant look.

Modular and versatile: suitable for all types of buildings

Sinthesi Steel is compatible with Sinthesi and K-Steel metal flush-mounting boxes and uses the same analogue outdoor stations as Sinthesi. Modules can be combined at will. The panel has snap-on assembly, the only screws are located on the outer frame.

Accessible and interactive: designed for easy use by people with disabilities

Thanks to speech synthesis modules, LED indicator module and interface modules for induction loop antenna for hearing-aid users, disabled persons, the sight-challenged and the hearing impaired can use the system normally. Proximity and access control modules provide keyless entry functionality for entrance gates and doors.

Sturdy and safe: it fears nothing and protects everyone

Sinthesi Steel's steel structure is impact-resistant (IK09 rating) and water jet resistant (IP45 class) and will withstand any weather conditions. The wide-angle camera unit has a 120° angle of view. Proximity sensor modules allow for quick access by authorised persons.

Unique design, advanced technology



EXAMPLE SETUP: BASE ELEMENTS

SINTHESI STEEL



Flush-mounting box



Frame



Loudspeaking unit module (audio or video)



Loudspeaking unit



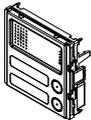
Button module



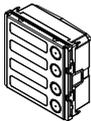
Trim

synthesi steel

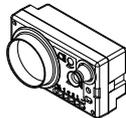
MODELS 1145 | 1745



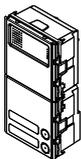
1158/22



1158/14



1145/500



1083/6

BUTTON MODULES AND MODULES PRE-ARRANGED WITH LOUDSPEAKING UNIT

| ITEM NO. | DESCRIPTION | NO. OF BTNS | 2VOICE | COAX | 5-WIRE | 4+N | 1+N |
|----------|---|-------------|--------|------|--------|-----|-----|
| 1158/20 | Mod. w/pre-arranged with loud speaking unit | 0 | NO | YES | YES | YES | YES |
| 1158/21 | Mod. w/provisions for OS | 1 | NO | YES | YES | YES | YES |
| 1158/22 | Mod. w/provisions for OS | 2 | NO | YES | NO | YES | NO |
| 1158/11 | Button mod. | 1 | YES | YES | YES | YES | YES |
| 1158/12 | Button mod. | 2 | YES | YES | YES | YES | YES |
| 1158/13 | Button mod. | 3 | YES | YES | YES | YES | YES |
| 1158/14 | Button mod. | 4 | YES | YES | YES | YES | YES |
| 1158/50 | Building number mod. | - | YES | YES | YES | YES | YES |
| 1158/59 | Blank mod. | - | YES | YES | YES | YES | YES |

Module dimensions (W x H) 90 x 90 mm

Name tag dimensions (W x H) 67 x 12.5 mm, except for module with 2 button rows – sized (W x H) 40 x 12.5 mm and building number module 1148/50

OUTDOOR STATIONS AND MODULES WITH LOUDSPEAKING UNIT

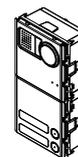
| ITEM NO. | DESCRIPTION | NO. OF OCC. MOD. | | | | | | BIBUS VOP | NOTE |
|----------|--------------------------------|------------------|---------|------|--------|-----|-----|-----------|---|
| | | | 2 VOICE | COAX | 5-WIRE | 4+N | 1+N | | |
| 1145/500 | Loud speaking unit | - | NO | YES | NO | YES | NO | NO | To be matched to modules with provisions for outdoor station |
| 1145/510 | Outdoor station | - | NO | NO | YES | NO | NO | NO | To be matched to 1 module with provisions for 2 Vac outdoor station |
| 1145/67 | Outdoor station | - | NO | NO | YES | NO | NO | NO | To be matched to modules with provisions for outdoor station |
| 1083/6 | Module with loud speaking unit | 2 | YES | NO | NO | NO | NO | NO | |
| 1072/9 | Module with loud speaking unit | 2 | NO | NO | NO | NO | YES | NO | |

Module dimensions (W x H) 90 x 90 mm



CAMERA MODULES WITH AND WITHOUT INTEGRATED OUTDOOR STATION

| ITEM NO. | DESCRIPTION | CAMERA TYPE | NO. OCCUPIED MODULES | NO. OF BTNS | 2 VOICE | COAX | 5-WIRE | BIBUS VOP |
|----------|---|--|----------------------|-------------|---------|------|--------|-----------|
| 1083/62 |  Camera module with loud speaking unit |   | 2 | 2 | YES | NO | NO | NO |
| 1758/40 | Camera module |   | 1 | - | NO | YES | YES | YES |
| 1758/91 | Camera module with loud speaking unit |   | 1 | 1 | NO | YES | NO | NO |
| 1758/49 | Camera module for 60 Hz systems |   | 1 | - | NO | YES | YES | YES |



1083/62

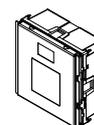
SPECIAL MODULES

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

Module dimensions (W x H) 90 x 90 mm

DOOR-OPENER MODULE

| ITEM NO. | DESCRIPTION | NO. OCCUPIED MODULES | |
|----------|---|----------------------|---|
| 1158/45 |  door-opener module for proximity keys | 1 | Compatible with all systems. Manages up to 500 keys; expandable up to 2000 keys when additional memory 1102/52 is installed. Power supply 12 Vac |
| 1158/46 | door-opener module with control panel | 1 | Compatible with all systems. Stores up to 8 access codes and opens 2 electric locks independently. Monostable and bistable operation. Power supply 12 Vac |



1158/45

Module dimensions (W x H) 90 x 90 mm

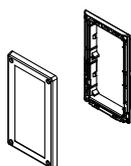
DOOR-OPENER MODULE ACCESSORIES

| | |
|---------|--|
| 1102/52 | Additional memory for 1158/45 proximity key module |
| 1125/50 | Kit with 10 keys for 1158/45 proximity module |

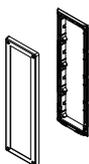
  Colour

synthesi

steel



1158/62



1158/64

FLUSH-MOUNTING BOXES AND FRAMES

| ITEM NO. | DESCRIPTION | DIMENSIONS (WxHxD) mm | NO. 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 |
| 1158/41 | Flush-mounting box | 125 x 119 | 1 | Iron |
| 1158/42 | Flush-mounting box | 125 x 209 | 2 | Iron |
| 1158/43 | Flush-mounting box | 125 x 299 | 3 | Iron |
| 1158/44 | Flush-mounting box | 125 x 389 | 4 | Iron |
| 1158/61 | Frame with module holder | 125 x 119 | 1 | Steel |
| 1158/62 | Frame with module holder | 125 x 209 | 2 | Steel |
| 1158/63 | Frame with module holder | 125 x 299 | 3 | Steel |
| 1158/64 | Frame with module holder | 125 x 389 | 4 | Steel |

RAIN HOOD

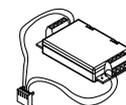
| ITEM NO. | DESCRIPTION | DIMENSIONS (WxHxD) mm | NO. MODULES | NO. ROW | MATERIAL |
|----------|-------------|-----------------------|-------------|---------|----------------------------------|
| 1158/611 | Rain hood | 158 x 151 x 22 | 1 | 1 | Aluminium silver color |
| 1158/612 | Rain hood | 158 x 241 x 22 | 2 | 1 | Aluminium silver color |
| 1158/613 | Rain hood | 158 x 331 x 22 | 3 | 1 | Aluminium silver color |
| 1158/614 | Rain hood | 158 x 421 x 22 | 4 | 1 | Aluminium polished silver colour |
| 1158/624 | Rain hood | 287 x 241 x 22 | 4 | 2 | Aluminium polished silver colour |
| 1158/626 | Rain hood | 287 x 331 x 22 | 6 | 2 | Aluminium polished silver colour |

**WALL MOUNTING BOX WITH FRAME**

| ITEM NO. | DESCRIPTION | DIMENSIONS (WxHxD) mm | NO. MODULES | NO. MODULES | MATERIAL |
|----------|-----------------------------|-----------------------------|----------------|----------------|---------------------------|
| 1158/311 | Wall mounting box with hood | 157 x 151 x 59 | 1 | 1 | Aluminium silver color |
| 1158/312 | Wall mounting box with hood | 157 x 241 x 59 | 2 | 1 | Aluminium silver color |
| 1158/313 | Wall mounting box with hood | 157 x 331 x 59 | 3 | 1 | Aluminium silver color |
| 1158/314 | Wall mounting box with hood | 157 x 421 x 59 | 4 | 1 | Aluminium silver color |
| 1158/324 | Wall mounting box with hood | 286 x 241 x 59 | 4 | 2 | Aluminium silver color |
| 1145/326 | Wall mounting box with hood | 286 x 331 x 59 | 6 | 2 | Aluminium silver color |

ACCESSORIES

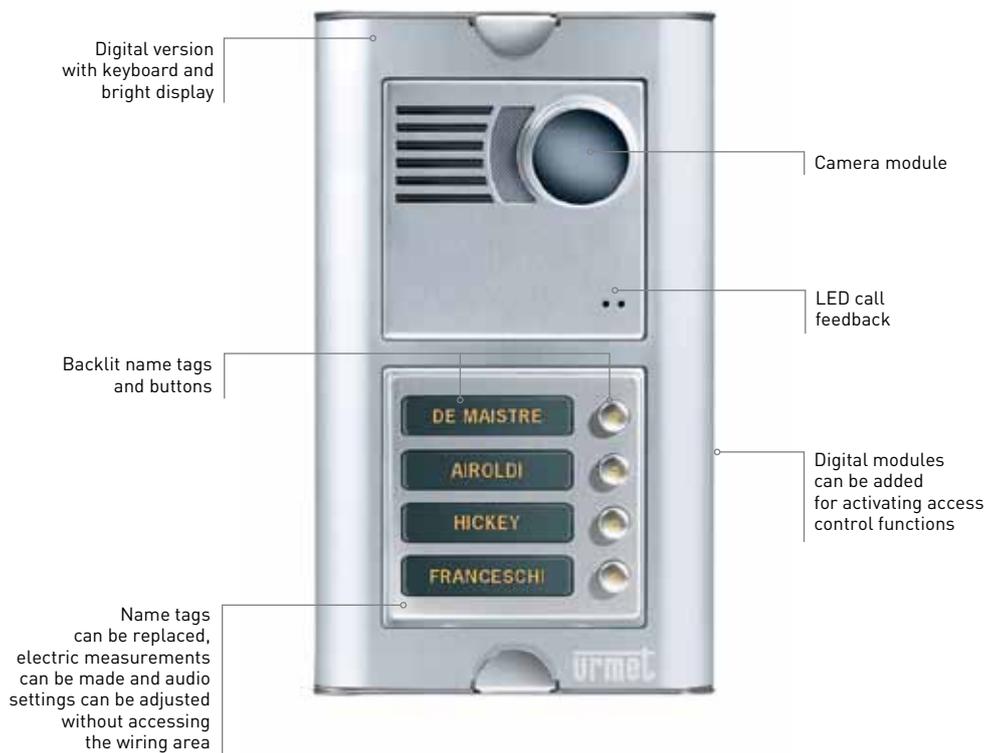
| | |
|---------|---|
| 1158/74 |  Conversation privacy device Use one for every 4 users in 1+n audio and 5-wire video systems. |
| 1083/17 | 16 user expansion module for digital systems For use with loudspeaking units 1072/5 1038/62 1038/5 1038/7 1072/19A 1072/7 1082/72 1082/7 to expand the number of calling buttons. |



1158/74

synthesi

i7



MAIN FEATURES

→ MODULARITY IS THE KEY:
SQUARE AND COMPACT, THE MODULES
MAY BE ARRANGED HORIZONTALLY
AND VERTICALLY

→ VERY EASY TO INSTALL
→ ACCESS CONTROL
→ IP 42



Door
opening module
1103/2

COMPATIBLE WITH



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.

SINTHESI



EXAMPLE OF ARRANGEMENT: BASIC ELEMENTS



Flush-mounting box



Frame



Loudspeaking unit module (audio or video)



Loudspeaking unit



Button module



Frame

synthesi

MODELS 1145 | 1745



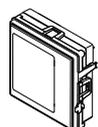
1145/22



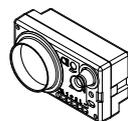
1145/34



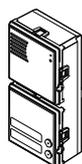
1145/18



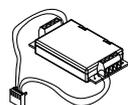
1145/50



1145/500



1083/7



1158/74

BUTTON MODULES AND LOUDSPEAKING UNIT READY MODULES

| CODE | DESCRIPTION | NO. OF BUTTONS | | | | | | BIBUS VOP | DIGVOICE |
|---------|--------------------------------|-------------------|---------|------|---------|-----|-----|-----------|----------|
| | | | 2 VOICE | COAX | 5 WIRES | 4+N | 1+N | | |
| 1145/20 | Loudspeaking unit ready module | 0 | NO | YES | YES | YES | YES | NO | NO |
| 1145/21 | Loudspeaking unit ready module | 1 | NO | YES | YES | YES | YES | NO | NO |
| 1145/22 | Loudspeaking unit ready module | 2 | NO | YES | NO | YES | NO | NO | NO |
| 1145/32 | Loudspeaking unit ready module | 2 | NO | YES | YES | YES | YES | NO | NO |
| 1145/34 | Loudspeaking unit ready module | 4 | NO | YES | NO | YES | NO | NO | NO |
| 1145/11 | Button module | 1 | YES | YES | YES | YES | YES | YES | YES |
| 1145/12 | Button module | 2 | YES | YES | YES | YES | YES | YES | YES |
| 1145/13 | Button module | 3 | YES | YES | YES | YES | YES | YES | YES |
| 1145/14 | Button module | 4 | YES | YES | YES | YES | YES | YES | YES |
| 1145/18 | Button module | 8 | YES | YES | NO | YES | NO | YES | YES |
| 1145/50 | House number module | - | YES | YES | YES | YES | YES | YES | YES |
| 1145/59 | Blank module | - | YES | YES | YES | YES | YES | YES | YES |

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 UNIT AND MODULE WITH INTEGRATED AUDIO LOUDSPEAKING UNIT

| CODE | DESCRIPTION | NO OCCUPIED MODULES | | | | | | BIBUS VOP | DIGVOICE | NOTES |
|----------|--------------------------|---------------------------|---------|------|---------|-----|-----|-----------|----------|--|
| | | | 2 VOICE | COAX | 5 WIRES | 4+N | 1+N | | | |
| 1145/500 | Loudspeaking unit | - | NO | YES | NO | YES | NO | NO | NO | To be combined with loudspeaking unit ready modules |
| 1145/510 | Loudspeaking unit | - | NO | NO | YES | NO | NO | NO | NO | Combine with 1 door unit ready module 12 Vac |
| 1145/67 | Loudspeaking unit | - | NO | NO | YES | NO | YES | NO | NO | To be combined with loudspeaking unit ready modules |
| 1038/7 | Loudspeaking unit | 1 | NO | NO | NO | NO | NO | NO | YES | Manages up to 8 buttons; use board 1038/17 to add more buttons |
| 1072/7 | Loudspeaking unit module | 1 | NO | NO | NO | NO | NO | YES | NO | Manages up to 18 buttons; use board 1038/17 to add more buttons |
| 1072/13 | Digital calling module | 2 | NO | NO | NO | NO | NO | YES | NO | 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 | NO | NO | NO | NO | NO | NO | YES | Provided with graphic display, 2 lines, 16 characters. Used to open door by entering a code. |
| 1083/13 | Digital calling module | 2 | YES | NO | NO | NO | NO | NO | NO | 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 | Alphabetic keypad module | 1 | NO | NO | NO | NO | NO | NO | YES | For managing alphanumeric codes. |
| 1083/7 | Loudspeaking unit module | 2 | YES | NO | NO | NO | NO | NO | NO | 1 input for additional surveillance camera |

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

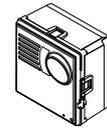
ACCESSORIES

| | |
|----------|---|
| 1158/74 | 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. |
| 1083/17 | 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. |



AUDIO LOUDSPEAKING UNIT MODULES WITH INTEGRATED CAMERA

| CODE | DESCRIPTION | TYPE OF CAMERA | NO. OF OCCUPIED MODULES | NO. OF BUTTONS | 2 VOICE | COAX | 5 WIRES | BIBUS VOP | DIGIVOICE | NOTES |
|---------|--------------------------------------|----------------|-------------------------|----------------|---------|------|---------|-----------|-----------|--|
| 1083/72 | Camera module with loudspeaking unit | | 2 | 2 | YES | NO | NO | NO | NO | |
| 1083/71 | Camera module with loudspeaking unit | | 2 | 2 | YES | NO | NO | YES | YES | Not prearranged for handling external camera |
| 1745/40 | Camera module | | 1 | - | NO | YES | NO | YES | YES | Use device 1742/13A in VOP systems |
| 1745/49 | Camera module | | 1 | - | NO | YES | NO | NO | NO | 60 Hz Use device 1742/13A in VOP systems |
| 1745/41 | Camera module with loudspeaking unit | | 1 | 1 | NO | YES | NO | YES | YES | |
| 1745/70 | Camera module with loudspeaking unit | b/w | 1 | - | NO | YES | NO | YES | YES | |
| 1745/79 | Camera module | b/w | 1 | - | NO | YES | YES | YES | NO | |
| 1745/80 | Camera module with loudspeaking unit | b/w | 1 | - | NO | YES | NO | NO | NO | |
| 1745/81 | Camera module with loudspeaking unit | b/w | 1 | 1 | NO | YES | NO | NO | NO | |
| 1745/82 | Camera module with loudspeaking unit | b/w | 1 | 2 | NO | YES | NO | NO | NO | |
| 1745/20 | Camera module with loudspeaking unit | b/w | 2 | - | NO | NO | YES | NO | NO | |
| 1745/21 | Camera module with loudspeaking unit | b/w | 2 | 1 | NO | NO | YES | NO | NO | |
| 1745/22 | Camera module with loudspeaking unit | b/w | 2 | 2 | NO | NO | YES | NO | NO | |



1745/80

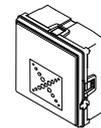


1745/81

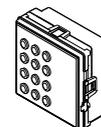
Module dimensions (H x W) 90 x 90 mm Dimensions of 1745/20 - /21 - /22 are 180 x 90 mm
Dimensions of name tag (W x H) 67 x 12.5 mm

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 |



1103/2



1105/3

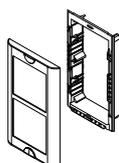
Module dimensions (H x W) 90 x 90 mm

DOOR OPENING MODULE ACCESSORIES

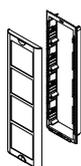
| | |
|---------|---|
| 1102/52 | Additional memory for proximity key modules 1103/2 and 1103/3 |
| 1125/50 | Kit of 10 keys for proximity module 1103/2 |

Colour

synthesi



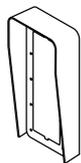
1145/62



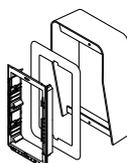
1145/64



1145/713



1145/613



1145/312

FLUSH-MOUNTING BOXES AND FRAMES

| CODE | DESCRIPTION | DIMENSIONS (WxHxD) mm | NO. 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 / RAIN HOOD

| WALL FRAMES CODE | DIMENSIONS WALL FRAMES (WxHxD) mm | RAIN HOOD CODE | DIMENSIONS RAIN HOOD (WxHxD) mm | NO. OF MODULES | NO. OF ROWS |
|------------------|---|----------------|--|----------------|-------------|
| 1145/711 | 151 x 148 x 2,5 | 1145/611 | 158 x 151 x 22 | 1 | 1 |
| 1145/712 | 151 x 238 x 2,5 | 1145/612 | 158 x 241 x 22 | 2 | 1 |
| 1145/713 |  151 x 328 x 2,5 | 1145/613 |  158 x 331 x 22 | 3 | 1 |
| 1145/714 | 151 x 418 x 2,5 | 1145/614 | 158 x 421 x 22 | 4 | 1 |
| 1145/724 | 280 x 238 x 2,5 | 1145/624 | 287 x 241 x 22 | 4 | 2 |
| 1145/726 | 280 x 328 x 2,5 | 1145/626 | 287 x 331 x 22 | 6 | 2 |
| 1145/728 | 280 x 418 x 2,5 | 1145/628 | 287 x 421 x 22 | 8 | 2 |
| 1145/739 | 409 x 328 x 2,5 | 1145/639 | 416 x 331 x 22 | 9 | 3 |
| 1145/732 | 409 x 418 x 2,5 | 1145/632 | 416 x 421 x 22 | 12 | 3 |

WALL MOUNTING BOX WITH FRAME

| CODE | DESCRIPTION | DIMENSIONS (WxHxD) mm | NO. OF MODULES | NO. 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 |

SPARE FRONTS FOR MOD. 625

SPARE FRONT PANELS MOD. 625 new replacement parts that preserve traditional style Urmet now makes available the original spare front panels for entry panels mod. 625. From 1 to 4 rows, for traditional and two-channel systems. Spare bottom contacts and lighting LEDs for name tags are also available at request. Contact your Urmet sales person or visit www.prodeltorino.it.



HIGH-EFFICIENCY LEDs

New LED lighting circuits: white light, each LED with electronic suppression, can be divided into separate sections, long life and low current draw. Also suitable for use as daytime contrast light. LED circuits can be connected directly to 12 V a.c. or d.c.

625 COMPATIBILITY CHART

| PRODEL MODEL | BUTTONS | ROWS | FRONT PANEL (WxH) mm | FLUSH-MOUNTING BOX DIMENSIONS (WxHxD) mm | FLUSH-MOUNTING BOX INCLUDED | 2VOICE | 1+N | 4+N | RECOMMENDED LEDES |
|--------------|---------|------|----------------------|--|-----------------------------|--------|-----|-----|-------------------------------|
| 5121/101 | 1 | 1 | 108 x 234 | 95 x 220 x 55 | NO | YES | YES | YES | 1 x PT1555/05 |
| 5121/102 | 2 | 1 | 108 x 234 | 95 x 220 x 55 | NO | YES | YES | YES | 1 x PT1555/05 |
| 5121/105 | 5 | 1 | 130 x 332 | 113 x 316 x 55 | NO | YES | YES | YES | 1 x PT1555/05 |
| 5121/106 | 6 | 1 | 130 x 360 | 113 x 344 x 55 | NO | YES | YES | YES | 1 x PT1555/05 |
| 5121/108 | 8 | 1 | 130 x 416 | 113 x 400 x 55 | NO | YES | YES | YES | 1 x PT1555/05 |
| 5121/204 | 4 | 2 | 206 x 248 | 190 x 232 x 55 | NO | YES | YES | YES | 1 x PT1555/05 |
| 5121/206 | 6 | 2 | 206 x 248 | 190 x 232 x 55 | NO | YES | YES | YES | 1 x PT1555/05 |
| 5121/208 | 8 | 2 | 206 x 304 | 190 x 288 x 55 | NO | YES | YES | YES | 1 x PT1555/05 |
| 5121/210 | 10 | 2 | 206 x 304 | 190 x 288 x 55 | NO | YES | YES | YES | 1 x PT1555/10 |
| 5121/212 | 12 | 2 | 206 x 332 | 190 x 316 x 55 | NO | YES | YES | YES | 1 x PT1555/10 |
| 5121/214 | 14 | 2 | 206 x 360 | 190 x 344 x 55 | NO | YES | YES | YES | 1 x PT1555/10 |
| 5121/216 | 16 | 2 | 206 x 388 | 190 x 372 x 55 | NO | YES | YES | YES | 1 x PT1555/10 |
| 5121/218 | 18 | 2 | 206 x 416 | 190 x 400 x 55 | NO | YES | YES | YES | 1 x PT1555/10 |
| 5121/220 | 20 | 2 | 206 x 444 | 190 x 428 x 55 | NO | YES | YES | YES | 1 x PT1555/10 |
| 5121/222 | 22 | 2 | 206 x 472 | 190 x 456 x 55 | NO | YES | YES | YES | 1 x PT1555/10 + 1 x PT1555/05 |
| 5121/224 | 24 | 2 | 206 x 500 | 190 x 484 x 55 | NO | YES | YES | YES | 1 x PT1555/10 + 1 x PT1555/05 |
| 5121/226 | 26 | 2 | 206 x 528 | 190 x 512 x 55 | NO | YES | YES | YES | 1 x PT1555/10 + 1 x PT1555/05 |
| 5121/315 | 15 | 3 | 307 x 304 | 290 x 288 x 55 | NO | YES | YES | YES | 1 x PT1555/10 |
| 5121/321 | 21 | 3 | 307 x 360 | 290 x 344 x 55 | NO | YES | YES | YES | 1 x PT1555/10 |
| 5121/327 | 27 | 3 | 307 x 416 | 290 x 400 x 55 | NO | YES | YES | YES | 1 x PT1555/10 + 1 x PT1555/05 |
| 5121/333 | 33 | 3 | 307 x 472 | 290 x 456 x 55 | NO | YES | YES | YES | 2 x PT1555/10 + 1 x PT1555/05 |
| 5121/339 | 39 | 3 | 307 x 528 | 290 x 512 x 55 | NO | YES | YES | YES | 3 x PT1555/10 |
| 5121/430 | 30 | 4 | 380 x 332 | 360 x 316 x 55 | NO | YES | YES | YES | 2 x PT1555/10 |
| 5121/432 | 32 | 4 | 380 x 332 | 360 x 316 x 55 | NO | YES | YES | YES | 2 x PT1555/10 |
| 5121/436 | 36 | 4 | 380 x 360 | 360 x 344 x 55 | NO | YES | YES | YES | 2 x PT1555/10 |
| 5121/440 | 40 | 4 | 380 x 388 | 360 x 372 x 55 | NO | YES | YES | YES | 2 x PT1555/10 |
| 5121/444 | 44 | 4 | 380 x 416 | 360 x 400 x 55 | NO | YES | YES | YES | 2 x PT1555/10 + 1 x PT1555/05 |
| 5121/448 | 48 | 4 | 380 x 444 | 360 x 428 x 55 | NO | YES | YES | YES | 3 x PT1555/10 |
| 5121/452 | 52 | 4 | 380 x 472 | 360 x 456 x 55 | NO | YES | YES | YES | 3 x PT1555/10 |
| 5121/456 | 56 | 4 | 380 x 500 | 360 x 484 x 55 | NO | YES | YES | YES | 3 x PT1555/10 + 1 x PT1555/05 |

925



i5



MAIN FEATURES

- FLUSH ENTRY PANEL FOR FLUSH MOUNT / SURFACE WALL MOUNT
- ALUMINIUM FRONT PANEL
- COMPACT SIZE
- IP33

Great ease of installation and excellent quality/price ratio make this entry panel very competitive.

It comes with drawn aluminium front panel with plastic headers, button holder frame with metal buttons and flush-mounting box.

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

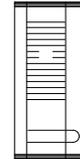
COMPATIBLE WITH





AUDIO FRONT PANEL WITH PROVISION FOR OUTDOOR AUDIO STATION

| ITEM NUMBER | NO. OF BTNS | NO. OF BTN ROWS | FRONT PANEL DIMENSIONS (W x H) mm | FLUSH-MOUNTING BOX DIMENSIONS (W x H x D) mm | DIGVOICE | COAX | 5 - WIRES | 4 + N | 1 + N | BIBUS VOP |
|-------------|-------------|-----------------|-----------------------------------|--|----------|------|-----------|-------|-------|-----------|
| 925/101 | 1 | 1 | 113 x 240 | 102 x 225 x 43 | NO | YES | NO | YES | NO | NO |
| 925/102 | 2 | 1 | 113 x 240 | 102 x 225 x 43 | NO | YES | NO | YES | NO | NO |
| 925/103 | 3 | 1 | 113 x 288 | 102 x 273 x 43 | NO | YES | NO | YES | NO | NO |
| 925/104 | 4 | 1 | 113 x 288 | 102 x 273 x 43 | NO | YES | NO | YES | NO | NO |
| 925/105 | 5 | 1 | 113 x 312 | 102 x 297 x 43 | YES | YES | YES | YES | YES | YES |
| 925/106 | 6 | 1 | 113 x 336 | 102 x 321 x 43 | YES | YES | YES | YES | YES | YES |
| 925/107 | 7 | 1 | 113 x 360 | 102 x 345 x 43 | YES | YES | YES | YES | YES | YES |
| 925/108 | 8 | 1 | 113 x 384 | 102 x 369 x 43 | YES | YES | YES | YES | YES | YES |
| 925/204 | 4 | 2 | 205 x 192 | 194 x 177 x 43 | YES | YES | YES | YES | YES | YES |
| 925/206 | 6 | 2 | 205 x 216 | 194 x 202 x 43 | YES | YES | YES | YES | YES | YES |
| 925/208 | 8 | 2 | 205 x 240 | 194 x 225 x 43 | YES | YES | YES | YES | YES | YES |
| 925/210 | 10 | 2 | 205 x 264 | 194 x 249 x 43 | YES | YES | YES | YES | YES | YES |
| 925/212 | 12 | 2 | 205 x 288 | 194 x 273 x 43 | YES | YES | YES | YES | YES | YES |
| 925/214 | 14 | 2 | 205 x 312 | 194 x 297 x 43 | YES | YES | YES | YES | YES | YES |
| 925/216 | 16 | 2 | 205 x 336 | 194 x 321 x 43 | YES | YES | YES | YES | YES | YES |
| 925/218 | 18 | 2 | 205 x 360 | 194 x 345 x 43 | YES | YES | YES | YES | YES | YES |
| 925/220 | 20 | 2 | 205 x 384 | 194 x 369 x 43 | YES | YES | YES | YES | YES | YES |
| 925/222 | 22 | 2 | 205 x 408 | 194 x 393 x 43 | YES | YES | YES | YES | YES | YES |
| 925/224 | 24 | 2 | 205 x 432 | 194 x 417 x 43 | YES | YES | YES | YES | YES | YES |
| 925/228 | 28 | 2 | 205 x 480 | 194 x 465 x 43 | YES | YES | YES | YES | YES | YES |



925/101

Name tag dimensions (H x W x D) 14.5 x 54.5 x 2 mm

FRONT PANELS WITH BUTTONS ONLY

| ITEM NUMBER | NO. OF BTNS | NO. OF BTN ROWS | FRONT PANEL DIMENSIONS (W x H) mm | FLUSH-MOUNTING BOX DIMENSIONS (W x H x D) mm | DIGVOICE | COAX | 5 - WIRES | 4 + N | 1 + N |
|-------------|-------------|-----------------|-----------------------------------|--|----------|------|-----------|-------|-------|
| 925/020 | 20 | 2 | 205 x 288 | 194 x 273 x 43 | YES | YES | YES | YES | YES |
| 925/022 | 22 | 2 | 205 x 312 | 194 x 297 x 43 | YES | YES | YES | YES | YES |
| 925/024 | 24 | 2 | 205 x 336 | 194 x 321 x 43 | YES | YES | YES | YES | YES |
| 925/026 | 26 | 2 | 205 x 360 | 194 x 345 x 43 | YES | YES | YES | YES | YES |
| 925/028 | 28 | 2 | 205 x 384 | 194 x 369 x 43 | YES | YES | YES | YES | YES |
| 925/030 | 30 | 2 | 205 x 408 | 194 x 393 x 43 | YES | YES | YES | YES | YES |

Name tag dimensions (H x W x D) 14.5 x 54.5 x 2 mm

925

ITEM NO. 925

LOUDSPEAKING UNITS

| | |
|----------|--|
| 1128/500 | Audio outdoor station for 4+n systems (replaces outdoor station 5150/500) |
| 1128/510 | Audio outdoor station for 4+n systems with 12 Vac power supply (replaces outdoor station 5150/510) |
| 5150/53 | Audio outdoor station for 4+n systems running on 3 wires |
| 1035/67 | Audio outdoor station for 1+n systems |
| 1083/8 | Audio outdoor station for 2Voice systems For use in combination with 1083/17 module (one every 16 users). |
| 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/CAMERA

| | |
|---------|---|
| 725/600 | B/W camera for coaxial cable systems VOP and 5-wire systems require device 1742/13A |
| 925/601 | Front panel on single row for camera 725/600 With flush-mounting box. Dimensions 113 x 120 mm; flush-mounting box dimensions (W x H x D) 102 x 102 x 53 mm |
| 925/602 | Front panel on 2 rows for camera 725/600 With flush-mounting box. Dimensions 205 x 120 mm; flush-mounting box dimensions (W x H x D) 194 x 102 x 53 mm |

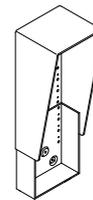
ACCESSORIES

| | |
|----------|---|
| 1035/25 | Conversation secrecy device One device required every 4 users in 1+n audio and 5-wire video systems. |
| 1742/13A | Camera unit adapter Adapts camera with video signal over coaxial cable in differential video systems. |
| 1083/17 | 16-user expansion module for digital systems For use with 2Voice outdoor stations to add more call buttons. |



SURFACE WALL MOUNTED HOUSING COMPLETE WITH TRIM

| ITEM NO. | DESCRIPTION | DIMENSIONS (WxHxD) mm | COMPATIBLE FRONT PANELS | NO. OF ROWS | MATERIAL |
|----------|--|---|--|-------------|-----------|
| 725/710 | Surface wall mount housing with hood | 120 x 245 x 50 Depth including hood: 102 mm | 725/101-102 | 1 | Aluminium |
| 725/711 |  Surface wall mount housing 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 | Surface wall mount housing 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 | Surface wall mount housing 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 |



725/711

RAIN HOODS

| ITEM NO. | DESCRIPTION | COMPATIBLE FRONT PANELS | NO. OF ROWS | MATERIAL | NOTES |
|----------|--------------------------------------|-------------------------|-------------|-----------|--|
| 725/701 | Rain hood | 725/601 | 1 | Aluminium | For use only in combination with video front panels. |
| 725/702 | Surface wall mount housing with hood | 725/602 | 2 | Aluminium | For use only in combination with video front panels. |

mikra & mikra AUDIO

i9



MAIN FEATURES

- ZAMAK ALLOY
- IP44 PROTECTION DEGREE
- INTEGRATED OUTDOOR STATION: VIDEO
- PRESET FOR 2-CALL MANAGEMENT
- SURFACE WALL MOUNT (FLUSH MOUNT POSSIBLE WITH KIT 1122/60)
- WHITE LED BACK-LIGHTING
- DIMENSIONS (HxWxD): 185 X 99 X 20 mm
- MECHANICAL IMPACT RESISTANCE DEGREE: IK07

Sturdiness in micro dimensions – Mikra

Urmet's new compact entry panel: rounded contour, sturdy structure. Mikra is the new video entry panel for one-family and two-family applications made from satin-finished Zamak alloy, which

lends it great sturdiness and weathering resistance. Mikra is designed for surface wall mount, wall installation to 10 cm wide plate and flush wall mount when a flush-mounting box with trim is used.

MAIN FEATURES

- IP44 PROTECTION DEGREE
- PRESET FOR 2-CALL MANAGEMENT
- SURFACE WALL MOUNT (POSSIBILITY OF FLUSH-MOUNTED INSTALLATION WITH 1122/50 KIT)
- WHITE LED BACK-LIGHTING

COMPATIBLE WITH

| | |
|-----------|---------|
| 2 WRES | 4 +N |
|-----------|---------|

Simple and sophisticated

Mikra Audio is door phone entry panel featuring the Mikra design for single-family and two-family applications. Installation can be adapted to specific site requirements: surface wall mount, semi-flush or, thanks to its compact size,

on 10-cm wide plate. Its refined design is characterised by rounded, smooth shapes and is designed to appeal to every user's taste. Mikra audio also offers back-lighting colour customization.

mikra EXIGO

NEW
2013

i9



ENTRY
PANELS

MAIN FEATURES

- IP44 PROTECTION DEGREE
- INTEGRATED OUTDOOR STATION: COLOUR VIDEO
- PRESET FOR 2-CALL MANAGEMENT
- WHITE LED BACK-LIGHTING WITH CUSTOMIZATION OPTIONS

COMPATIBLE WITH

2
VOICE

2
WIRES

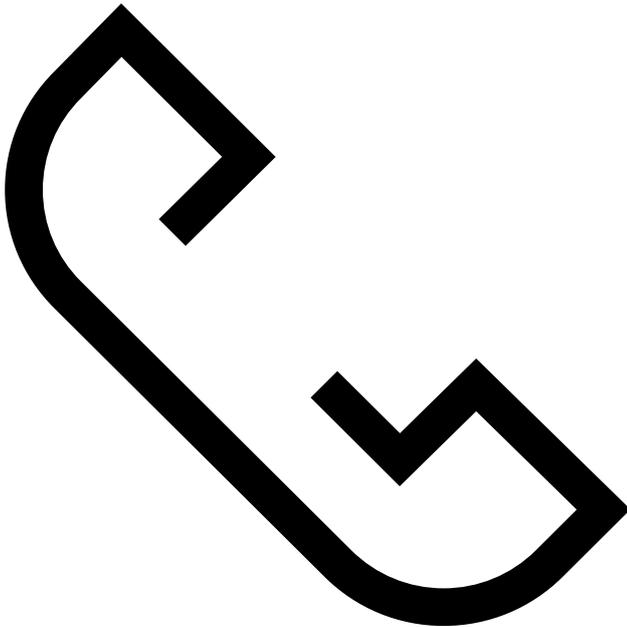
Sophisticated design

The Mikra Exigo door phone video push-button panel exudes elegance and quality in every detail. The outer plate uses top-quality material: brass and steel with polished and satin finishes, steel-chrome, gun-metal grey,

copper bronze or micaceous iron colour finishes.

Mikra Exigo enables users to express their personal, unique taste in style. Mikra Exigo is available in the single-family and two-family configuration. All models come with PVD anti-corrosion and anti-oxidation treatments.

Installation requires flush-mounting boxes 1145/52.





T E L E P H O N Y

AGORÀ 2 AND AGORÀ 4
VOIP DEVICES
TELEPHONE DEVICES
TELEPHONE INTERFACES
SURGE PROTECTIONS, FILTERS
AND SYSTEM ACCESSORIES

FROM TELEPHONY TO COMMUNICATION SOLUTIONS

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

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

- Fully hands-free operation for the utmost flexibility: simple Sinthesi outdoor station modules with integrated telephone functions provide a door opener system with advanced functions (multiple access management, light/camera activation, day/night, remote call), connection to PABX exchanges with intercom function.

- Significant saving: Urmet's innovative GSM and VoIP interfaces support alternative, low-cost telephone networks.

- The new VoIP devices support communication over the Internet using a simple ADSL line.

**TELEPHONY
EVOLVES
AND BECOMES
MORE VERSATILE**





EXCHANGES AND TELEPHONE INTERFACES



Agorà 2 - COD. 1372
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Agorà 4 - COD. 1372/420
P. 114



**VOIP TECHNOLOGY
AT THE SERVICE OF TELEPHONY**
P. 122



TELEPHONE TERMINALS
P. 124



TELEPHONE INTERFACES
economy management
P. 132



**PROTECTIONS
AND ACCESSORIES**
P. 136

TELEPHONE EXCHANGES AGORÀ 2 AND AGORÀ 4

i 10



MAIN FEATURES

- TWO MODELS (AGORÀ 2 AND AGORÀ 4) WITH DIFFERENT BASE CONFIGURATIONS AND MAXIMUM CAPACITY
- AGORÀ 2: BASE CONFIGURATION WITH 1 URBAN LINE AND 4 SHUNT EXTENSIONS, CAN BE EXPANDED UP TO 3 ULS 12 SHUNTS
- AGORÀ 4: BASE CONFIGURATION WITH 2 URBAN LINES AND 8 SHUNT EXTENSIONS, CAN BE EXPANDED UP TO 4 ULS 20 SHUNTS
- AUTOCONFIGURATION OF EXPANSION AND OPTIONAL BOARDS ADDED TO BASE
- ADSL FILTER BOARD (OPTION) ALLOWS FOR NEAT, EFFICIENT INSTALLATION
- INTEGRATION WITH MAIN URMET ANALOGUE AND DIGITAL DOOR PHONE AND VIDEO DOOR PHONE SYSTEMS
- DOOR OPENING THROUGH A SIMPLE PHONE CALL (WITH WHO-IS-IT SERVICE)
- OUTGOING TRAFFIC IS OPTIMISED BASED ON DESTINATION (NATIONAL OR INTERNATIONAL LANDLINE, MOBILE NETWORK)
- MANAGEMENT OF STANDARD AND SYSTEM TELEPHONES
- PAGING SERVICE ON SYSTEM TELEPHONES
- INCOMING CALL ROUTING WITH DISA SERVICE AND FAX RECOGNITION
- AUTOMATIC OPERATOR SERVICE (OPTION)
- VOICE TRAFFIC MANAGEMENT OVER INTERNET NETWORK VIA VOIP INTERFACE ATA UTD 4501/30

ADDITIONAL FUNCTIONS

- Automatic and manual DAY/NIGHT changeover
- Optional board for Responder Service and Automatic Operator Post
- Configuration from telephone and Personal Computer (option) through dedicated software application with user-friendly interface
- Preset for shunt-connected outdoor telephone station (1145/1 -/2)
- Caller ID recognition also for calls from shunt extensions



DIRECTOR 2CL
 EVERYTHING UNDER
 CONTROL AND STORAGE
 OF UP TO 16 DIRECT
 CALL NUMBERS

With new telephone exchange Agorà 4 [UTD1372/420]. Urmet offers the same quality and flexibility of Agorà 2 for those customers who need greater capacity now or expect to need it in the future. The Agorà series can meet the different needs of residential, industrial and office installations appropriately. With nearly all expansion and optional boards common to both versions, the investment in Agorà 2 is preserved in the event of a future expansion project.

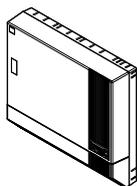
Agorà 2 is a compact telephone exchange that offers services typical of higher-end products, such as the Responder with Automatic Operator Post (POA) functionality. also available for Agorà 4. Thanks to modular concept based on one Urban Line and one shunt, users need only purchase what they really need. They are both small and compact in size, using reliable quick-connect terminals specific to this application. Agorà 4 is based on the same project as Agorà 2, which has

been on the market for some years now, and is proving easy to install and to programme, as well as sturdy and reliable once in service. Installers who are familiar with Agorà 2 will have no trouble installing Agorà 4. Both are traditional telephone exchanges for lines or shunts that can also manage voice traffic over the Internet by simply connecting the VoIP interface ATA UTD4501/30 to and Urban Line and creating an account with the VoIP service provider. This way,

any shunt extension can make calls over the Urban Lines connected to the landline or over the Internet as needed. Autoconfiguration of connected boards, default functionality and system messages make for simple, quick setup. Various voice messages can be easily customised directly from the telephone or a PC, if user wishes more professional quality with background music.

TELEPHONE EXCHANGES AGORÀ 2 AND AGORÀ 4

COD. 1372



1372/312

BASIC TELEPHONE SWITCHBOARD ELEMENTS

1372/312



Pabx expandable Base "Agorà 2" eq. 1/4. Power supply: 230Vac.

Pabx Agorà 2 eq. Base 1 urban line and 4 shunts, with capacity of managing up to 3 analogical urban lines 12 shunts (max. 3 UTD 4095/14 dedicated telephones or 8 Director 2 TOP or CL telephones). With the basic configuration further urban line interface boards (UTD 1372/2) and shunts (UTD 1372/3) should be foreseen if required. The Pabx is fit for optional services such as: interphone interface for systems, Bibus (UTD1372/54), "1+n" (UTD 1372/55) and "4+n" (UTD 1372/56), USB/Serial UTD 1372/50 interface, ADSL Filter (UTD 1372/57), infrared IRDA interface for PDA (UTD1372/58) and Responder (1372/59). It is supplied complete with use and installation handbooks, CD with handbooks in English and glossaries for updates in ENGLISH, FRENCH, SPANISH and HEBREW, sw for programming from PC and PDA.

- Power supply: 230Vac.
- Max. Consumption: 28VA.
- Installation: fixed to wall.
- Weight: 1.65 Kg (complete).
- Dimensions: 231 (W) x 218 (H) x 55 (D) mm

1372/100

Pabx expandable Base "Agorà 2" eq. 0/0

Pabx Agorà 2 base without urban lines and shunts, with capacity of managing up to 3 analogical urban lines 12 shunts (max. 3 UTD 4095/14 dedicated telephones or 8 Director 2 TOP or CL telephones). With the basic configuration the urban lines (UTD 1372/2) interface boards and those for shunts (UTD 1372/3) should be foreseen. The Pabx is fit for optional services such as: interphone interface for Bibus (UTD 1372/54), "1+n" (UTD 1372/55) and "4+n" (UTD 1372/56) systems, USB/Serial UTD 1372/50 interface, ADSL Filter (UTD 1372/57), infrared IRDA interface for PDA (UTD 1372/58) and Responder (1372/59). It is supplied complete with use and installation handbooks, CD with handbooks in English, glossaries for updates in ENGLISH, FRENCH, SPANISH and HEBREW, sw applications for programming from PC and PDA.

- Power supply: 230Vac.
- Max. Consumption: 28VA.
- Installation: fixed to wall.
- Weight: 1.65 Kg (complete).
- Dimensions: 231 (W) x 218 (H) x 55 (D) mm

1372/420 *

Expandable PABX base Agorà 4" eq. 2/8

Agorà 4 Pabx base equipped with 2 Urban Lines (UTD1372/2) and 8 shunts (UTD1372/3), can manage up to 4 ULs and 20 shunts, with up to 16 system telephone (UTD1362/6, UTD40911/4). The different expansion boards for ULs, shunts and services are the same offered by PABX "Agorà 2" UTD1372/312, except for interface USB UTD1372/41 that replaces interface 1372/50, for programming from PC. Functionality and services offered are also similar to those incorporated in Agorà2 (see table at following pages).

- 230VAC power supply
- Consumption: 45VA
- Installation: surface wall mount
- Dimensions: 341 (W) x 240 (H) x 78 (D) mm

1372/2

Expansion board 1 trunk line for Agorà 2 PABX

1 analogue trunk line (PSTN) expansion board to be installed in Agorà 2/4 PABX.

1372/3

Expansion board 1 extension for Agorà 2 PABX

1 extension expansion board to be installed in Agorà 2/4 PABX.

* Please contact sales network to enquire about availability.



ACCESSORIES

| | |
|------------------|--|
| 1372/50 | USB/RS232 interface for Agorà 2 PABX configuration via PC 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. |
| 1372/54 | Bibus system door phone interface for Agorà 2 PABX Optional interface board for directly connecting Agorà 2 PABX to Bibus digital door phone systems. |
| 1372/55 | 1+n system door phone interface for Agorà 2 PABX 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. |
| 1372/56 | 4+n system door phone interface for Agorà 2 PABX 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. |
| 1372/57 | ADSL line filter for Agorà 2 PABX 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. |
| 1372/59 | Board for Responder Service and Automatic Operator Post The board, installed in an Agorà 2 (UTD 1372/312) Pabx, offers the Responder and Automatic Operator Place functionality. The Responder receives incoming calls with a presentation message and manages on-hold waiting until the reply of an extension, while the Automatic Operator Place enables reaching the required extension by dialling a number by the person calling. Customisation of further 5 messages, each with a maximum duration of 30 seconds. This functionality also offers weekly programming up to 5 daily timebands. Easy programming from pc. |
| 1372/41 * | USB interface for configuration via PC Optional USB interface board to be inserted in a Pabx Agorà 4 UTD1372/420. For configuring, updating and managing the switchboard from a PC running SCAITERM4NET application included in the CD supplied with the PABX UTD1372/420. The board is complete with USB cable. |

DEDICATED SYSTEM TELEPHONES

| | |
|----------------|---|
| 1362/6 | See telephone terminal chapter page 128 |
| 1362/61 | See telephone terminal chapter page 128 |
| 4091/14 | See telephone terminal chapter page 128 |
| 4095/14 | See telephone terminal chapter page 128 |

* Please contact sales network to enquire about availability.

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 range today includes a new VoIP telephone and an interface for connecting all Agorà switchboards to the IP network.

**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

**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



DEDICATED TELEPHONE
PROFESSIONALISM AT
THE SERVICE
OF COMMUNICATION

EGEO new
Mod. 4099/45

MAIN FEATURES

- 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
- PHONE BOOK ACQUISITION FROM MOBILE PHONE SIM (1362/6)
- EASY ACCESS TO ALL SERVICES BY PROGRAMMABLE BUTTONS
- SELF-POWERED, SYNCHRONISED CLOCK BY PABX FOR DIRECTOR 2



COD. 4093/15



COD. 4095/5



COD. 4091/14



COD. 4091/5



COD. 4117/1

WIDE RANGE
OF TRADITIONAL
TELEPHONES

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

TELEPHONE DEVICES



4091/1

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-touch buttons), direct “open door” button (R35, with PABX or Urmet interface), direct “entry panel connection” button and “telephone/door phone line switch” button (R34, with PABX or Urmet 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

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 interface), direct “entry panel connection” button and “telephone/door phone line switch” button (R34, with PABX or Urmet 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

4093/1



Basic “Domo” telephone, anthracite

The main features of the telephone are: tone dial (DTMF); 13 memory positions (3 one-touch, 10 2-touch buttons); 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.



ANALOGUE TELEPHONE AND DOOR PHONE SYSTEMS

4095/5

**Multifunctional "Studio plus" telephone, anthracite**

The main features of the telephone are: 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.



4095/5

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 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: handsfree function; Caller ID function (CLI); Number/name phonebook; Door opening buttons, switch between calls to door unit and telephone/door phone line; multilingual 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.



4099/45

4099/55*

new

Video Converter

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

TELEPHONE DEVICES



4095/14



4091/14



1362/6

DEDICATED SYSTEM TELEPHONES

4095/14



Multifunctional "Studio CL" telephone with LED panel, anthracite

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



"Director 2 CL" system telephone, anthracite

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



"Director 2 Top" system telephone, anthracite

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

Supplementary indicating device (DSS) for Director 2 TOP telephone Ref. 1362/6

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.

**COMPATIBILITY TABLE**

| CODE | TELEPHONE | PABX AGORÀ 2 (1372/312) | | | PABX AGORÀ 4 (1372/420) | | |
|---------|----------------|----------------------------|------|------|----------------------------|------|-----|
| | | protocol | min. | max. | protocol | min. | max |
| 4095/14 | Studio CL | 1 | 0 | 3 | NO | NO | NO |
| 4091/14 | Director 2 CL | 2 | 0 | 8 | NO | 0 | 16 |
| 1362/6 | Director 2 Top | 2 | 0 | 8 | NO | 0 | 16 |

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

- 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.

TELEPHONE DEVICES

MAIN FEATURES TABLE

| | DOMO UTD 4093/1 | DOMO PLUS UTD 4093/15 | STUDIO PLUS UTD 4095/5 | STUDIO CL UTD 4095/14 |
|---|----------------------------|----------------------------------|-----------------------------------|----------------------------------|
| Standard 2-wire connection (BCA) | YES | YES | YES | NO |
| Dedicated 4-wire connection | NO | NO | NO | YES |
| Video connection (RJ45) | | | | |
| Integrated 16-LED lamp field (CL) | NO | NO | NO | YES |
| Direct call buttons and indication of line/derivate state | NO | NO | NO | |
| Device setup Supplementary indication | NO | NO | NO | NO |
| SIM card reader | NO | NO | NO | NO |
| Display | NO | 1x16 numeric | alphanumeric | alphanumeric |
| Headset control button | NO | NO | NO | NO |
| Programmable direct call buttons | 3 | 10 | 10 | 5 |
| Possibility of programming door phone buttons | YES | YES | YES | YES |
| Dedicated door phone buttons | NO | NO | NO | NO |
| Indirect call memories | 10 | 10 | NO | NO |
| Internal phonebook | NO | NO | 80 | 80 |
| Speakerphone function | NO | YES | YES | YES |
| Caller ID (CLI) | NO | NO | YES | YES |
| Ringer | 1 | 1 | 16 | 16 |
| Ringer volume adjustment | Hi-Lo-OFF | Hi-Lo-OFF | YES | YES |
| Voice volume adjustment | NO | YES | YES | YES |
| Pabx Agorà 2 UTD1372/312 compatibility | YES | YES | YES | YES |
| Compatible with Pabx Agorà 4 UTD1372/420 | YES | YES | YES | NO |
| Power with batteries | NO | NO | 4 x "AA" LR6 | 4 x "AA" LR6 |
| External power | NO | NO | NO | NO |
| Table/wall installation | YES | YES | YES | YES |
| Colour | anthracite | anthracite | anthracite | anthracite |
| Dimensions (W x H x D) mm | 172 x 215 x 81 | 172 x 215 x 81 | 172 x 215 x 81 | 172 x 215 x 81 |

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) | YES | YES | NO | NO | YES |
| Dedicated 4-wire connection | NO | NO | YES | YES | NO |
| Video connection (RJ45) | | | | | YES |
| Integrated 16-LED lamp field (CL) | NO | NO | NO | NO | NO |
| Direct call buttons and indication of line/derivate state | | | YES | YES | NO |
| Device setup Supplementary indication | NO | NO | NO | YES | NO |
| SIM card reader | NO | NO | NO | YES | NO |
| Display | NO | 2x15 backlit alphanumeric | 2x20 alphanumeric and icons | 2x20 backlit alphanumeric and icons | TFT graphic 3,5" |
| Headset control button | NO | NO | YES | YES | NO |
| Programmable direct call buttons | 4 | 2 | 16 | 16 | NO |
| Possibility of programming door phone buttons | NO | NO | NO | NO | NO |
| Dedicated door phone buttons | YES | YES | YES | YES | YES |
| Indirect call memories | 10 | NO | 21 | 21 | NO |
| Internal phonebook | NO | 99 | 250 | 250 | 99 |
| Speakerphone function | NO | YES | YES | YES | YES |
| Caller ID (CLI) | NO | YES | YES | YES | YES |
| Ringer | 1 | 1 | 6 | 6 | 5 |
| Ringer volume adjustment | Hi-Lo-OFF | Hi-Lo-OFF | YES | YES | YES |
| Voice volume adjustment | NO | YES | YES | YES | YES |
| Pabx Agorà 2 UTD1372/312 compatibility | YES | YES | YES | YES | YES |
| Compatible with Pabx Agorà 4 UTD1372/420 | YES | YES | YES | YES | YES |
| Power with batteries | NO | 4 x "AAA" LR3 | NO | NO | NO |
| External power | NO | NO | NO | NO | 12Vcc (110-230Vca) |
| Table/wall installation | YES | YES | YES | YES | 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



A money saver

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 "Sinthesi" loudspeaking unit. Each interface can offer various integration needs.

MAIN FEATURES

- COMMUNICATE ANYTIME, ANYWHERE
- SAVE MONEY ON TELEPHONE CALLS
- SIMPLE INSTALLATION
- FLEXIBLE MANAGEMENT



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

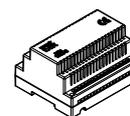
allowing to open the door. With a cordless phone, you can take incoming calls from anywhere in your home, e.g. from the garden, the balcony or the loft. Specifically, the new door phone interface 1332/40

offers various installation solutions: direct power from loudspeaking unit, management of two door units, door unit call confirmation tone, etc.

1332/40 

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).



1332/40

TELEPHONE INTERFACES

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

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.



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

GSM interfaces

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

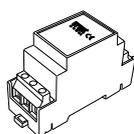
4203/1

“Domus Cell Basic” GSM interface

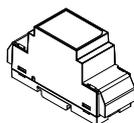
The device allows to connect a telephone (BCA) or analogue dial line of a PABX to the GSM mobile network (900 and 1800). It provides caller’s ID and is compatible with all Urmet Agorà PABX switchboards and any BCA telephone. Its small size and separate antenna ensure maximum installation flexibility.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

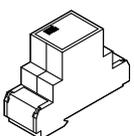
SURGE PROTECTIONS, FILTERS AND SYSTEM ACCESSORIES



1332/86



1382/85



1382/21

SURGE PROTECTIONS AND FILTERS

1382/80 **new**

Surge protection device for 230 Vac - 400 VA

power supply Replaces UTD1332/80. The device protects electric and electronic equipment from current surges and interferences on the 230Vac power supply line. Thanks to the certification pursuant to European regulation EN61643-11/A11, the device guarantees a high degree of protection, eliminates the "FOLLOW CURRENT" phenomenon and reduces the risk of service downtime.

The device can be reset via micro-switch and features a warning LED that turns on to indicate that the protection is active. Test class: 3 Max. load: 400VA Installation: DIN bar (2 modules) or wall-mounted Dimensions (W x H x D): 36 x 103 x 57 mm

1382/85 **new**

Surge protection device for 230 Vac

Replaces UTD1332/80. The device protects electric and electronic equipment from current surges and interferences on the 230Vac power supply line. Thanks to the certification pursuant to European regulation EN61643-11/A11, the device guarantees a high degree of protection, eliminates the "FOLLOW CURRENT" phenomenon and reduces the risk of service downtime. The device can be reset via micro-switch and features a warning LED that turns on to indicate that the protection is active. Test class: 3 Max. load: 400VA Installation: DIN bar (2 modules) or wall-mounted Dimensions (W x H x D): 36 x 103 x 57 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 (W x H x D): 36 x 90 x 58 mm.

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 telephone 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 (W x H x D): 36 x 104 x 75 mm.

1382/81 **new**

Protection device for 1 analogue telephone line

Replaces UTD1332/81. This device protects telephone switchboards (PABX) from power surges and induced disturbances from the telephone line connected to the PSTN network. Thanks to the certification pursuant to European regulation EN61643-11/A11, the device guarantees a high degree of protection. Load: 1 analogue telephone line Installation: DIN bar (2 modules) or wall-mounted Dimensions (W x H x D): 36 x 103 x 57 mm

1382/82 **new**

Protection device for 2 analogue telephone lines

Replaces UTD1332/82. This device protects telephone switchboards (PABX) from power surges and induced disturbances from the telephone line connected to the PSTN network. Thanks to the certification pursuant to European regulation EN61643-11/A11, the device guarantees a high degree of protection. Load: 2 analogue telephone lines Installation: DIN bar (2 modules) or wall-mounted Dimensions (W x H x D): 36 x 103 x 57 mm

1382/21



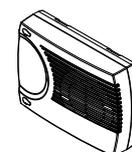
Surge protection device with "ADSL 2+" filter

The device integrates the functions of a telephone line surge protection and of a professional ADSL 2 filter (splitter). For maximum efficiency, install the protection on the telephone line near the 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 (W x H x D): 36 x 104 x 75 mm.



SYSTEM ACCESSORIES

| | | |
|--------|---|--|
| 4850/1 |  | Supplementary electronic ringer Supplementary electronic ringer for wall installation, high acoustic efficiency and adjustable volume and sound frequency. Can be connected to telephone line using RJ11 plug and terminals, fixed to wall or installed in flush-mounting boxes 502 and 503, self-powered from telephone line, three different selectable sound frequencies. Dimensions (W x H x D): 145 x 101 x 42 mm. |
| 3850/1 |  | Supplementary electromechanical telephone ringer 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 | | Loud bell ringer 60 Vac, 50 Hz, 120 mm Loud bell ringer with wall support. Power: 60 Vac, 50 Hz. Diameter 120 mm. Sound level: > 93 dBA @ 1m. Installation: wall-mounted. |
| 2841/2 |  | Loud bell ringer 12 Vac, 50 Hz, 120 mm Loud bell ringer with wall support. Power: 12 Vac, 50 Hz. Diameter 120 mm. Sound level: > 93 dBA @ 1m. Installation: wall-mounted. |
| 821 | | Telephone call repeater Call repeater or traditional door phone repeater with 10-12 Vac and 6 Vac voltage. Generates a 50Vac call on a max. load of 5 ringers Ref. 2841/1 or /2. Power: 230 Vac. Installation: bar fitted, 7 DIN modules. |



4850/1

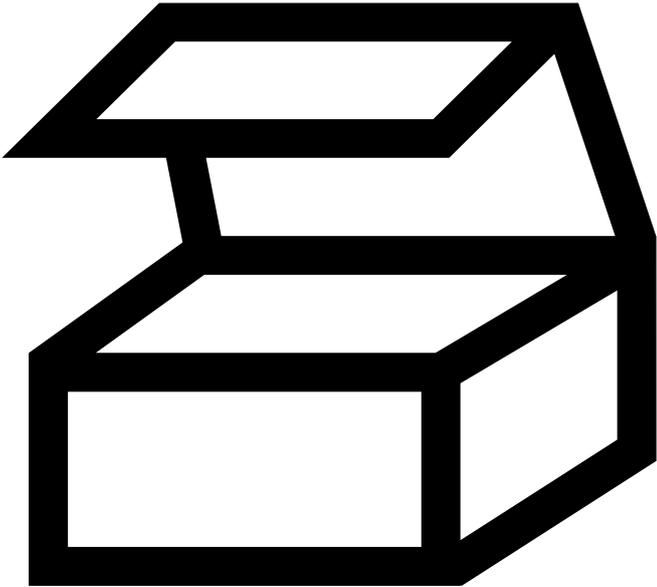


3850/1



2841/2

[For connection to wireless ringers see page 43].





DEDICATED OUTDOOR STATIONS:
MIKRA, MIKRA EXIGO, MIKRA AUDIO

SINGLE-FAMILY 2-WIRE KIT AIKO+MIKRA
SINGLE/TWO-FAMILY 2VOICE KIT: AIKO+MIKRA
SINGLE/TWO-FAMILY 5-WIRE KIT: AIKO+SMYLE
SINGLE/TWO-FAMILY 2-WIRE KIT: UTOPIA+MIKRA
SINGLE/TWO-FAMILY 4+N-WIRE KIT: ATLANTICO+MIKRA
BASE SYSTEM KIT: 2VOICE
BASE SYSTEM KIT: 5-WIRE + COAX
BASE SYSTEM KIT: AUDIO

VIDEO - DOORPHONE KITS

EVERYTHING YOU NEED IN ONE BOX



SOLUTIONS FOR
ALL INSTALLATION:
**SINGLE/TWO-FAMILY
BASE SYSTEM**

Urmet Kits make life easier.
One box contains all the items needed
for the installation of a specific system.

A convenient package contains everything you need to install a door phone and video door phone system, offered at attractive prices. The Urmet range of kits offers a broad choice of design styles to find the solution that best suits personal preferences for audio and video application, in colour and B/W versions. Practical, convenient, simple to choose and to install. Urmet Kits are the ideal solution for video door phone applications.





SINGLE/TWO-FAMILY HOUSE KITS

Whether audio or video,
the solution comes in one box

P. 144



MIKRA



AIKO



SIGNO



ATLANTICO
DOOR PHONE



UTOPIA
DOOR PHONE

SINTHESI SYSTEM BASE KIT (2VOICE)

Everything you need
for a system base in
one package

P. 158



SINTHESI



AIKO



SIGNO



ARCO



SIGNO
AUDIO



ATLANTICO
DOOR PHONE

SINGLE/TWO-FAMILY KITS



Practical and low-priced, Urmet house kits conveniently offer a single solution with all items necessary to meet the needs of single and two-family houses. A range that offers a broad variety of design

styles, new solutions with advanced performance for communication and security applications, such as second lock management, video surveillance, image memory, presence indication.



MAIN FEATURES

- AUDIO AND VIDEO SOLUTIONS
- BROAD CHOICE OF DESIGN STYLES
- NEW SOLUTIONS WITH ADVANCED FUNCTIONALITY

AVAILABLE TECHNOLOGIES



COMPATIBLE DESIGN STYLES



ARCO



UTOPIA
DOOR PHONE



ATLANTICO
DOOR PHONE



MIKRA



MIKRA EXIGO



MIKRA AUDIO

mikra



VIDEO-DOORPHONE
KITS

MAIN FEATURES

- ZAMAK ALLOY
- IP44 PROTECTION DEGREE
- INTEGRATED OUTDOOR STATION: VIDEO
- PRESET FOR 2-CALL MANAGEMENT
- SURFACE WALL MOUNT (FLUSH MOUNT POSSIBLE WITH KIT 1122/60)
- WHITE LED BACK-LIGHTING
- DIMENSIONS (HxWxD): 185 X 99 X 20 mm
- MECHANICAL IMPACT RESISTANCE DEGREE: IK07

Sturdiness in micro dimensions – Mikra

Urmet's new compact entry panel: rounded contour, sturdy structure. Mikra is the new video entry panel for

one-family and two-family applications made from satin-finished Zamak alloy, which lends it great sturdiness and weathering resistance. Mikra is designed for surface wall mount, wall installation to 10

cm wide plate and flush wall mount when a flush-mounting box with trim is used.

mikra EXIGO



MAIN FEATURES

- IP44 PROTECTION DEGREE
- INTEGRATED OUTDOOR STATION: COLOUR VIDEO
- PRESET FOR 2-CALL MANAGEMENT
- WHITE LED BACK-LIGHTING WITH CUSTOMISATION OPTIONS

Sophisticated design

The Mikra Exigo door phone video push-button panel exudes elegance and quality in every detail. The outer plate uses top-quality material: brass and steel with polished

and satin finishes, steel-chrome, gun-metal grey, copper bronze or iron-mica colour finishes.

Mikra Exigo enables users to express their personal, unique taste in style. Mikra Exigo is available in the single-family

and two-family configuration. All models come with PVD anti-corrosion and anti-oxidisation treatments. Installation requires flush-mounting boxes 1145/52.



mikra AUDIO



VIDEO-DOORPHONE
KITS

MAIN FEATURES

- IP44 PROTECTION DEGREE
- PRESET FOR 2-CALL MANAGEMENT
- SURFACE WALL MOUNTED (POSSIBILITY OF FLUSH-MOUNTED INSTALLATION WITH 1122/50 KIT)
- WHITE LED BACK-LIGHTING

Simple and sophisticated

Mikra Audio is door phone entry panel featuring the Mikra design for single-family and two-family applications.

Installation can be adapted to specific site requirements: surface wall mount, semi-flush

or, thanks to its compact size, on 10-cm wide plate. Its refined design is characterised by rounded, smooth shapes and is designed to appeal to every user's taste. Mikra audio also offers back-lighting colour customisation.

SINGLE-FAMILY KIT: AIKO+MIKRA

note

1722/71 KIT
CHOOSE THE VERY BEST!



MAIN FEATURES

- 2-WIRE SINGLE-FAMILY KIT WITH ADVANCED SOLUTIONS, FOR SECURITY AND COMMUNICATION
- ENTRY PANEL WITH WIDE-ANGLE COLOUR CAMERA: 120°
- MONITOR IN AIKO DESIGN STYLE PRESET FOR INDUCTION LOOP COMPATIBILITY FOR HEARING AIDS SWITCHED TO THE "T" POSITION

(ACCORDING TO ETS300381 AND EN60118 )

- IMAGE MEMORY RECORDS UP 32 SHORT VIDEO CLIPS
- PEDESTRIAN PASSAGEWAY OPENING WITH PROXIMITY CONTROL KEYS
- SUPPORTS RECORDING OF ONE MESSAGE FOR DOOR PHONE ANSWERING MACHINE



New: greater security

up to 4 surveillance cameras to ensure full security even in remote areas.

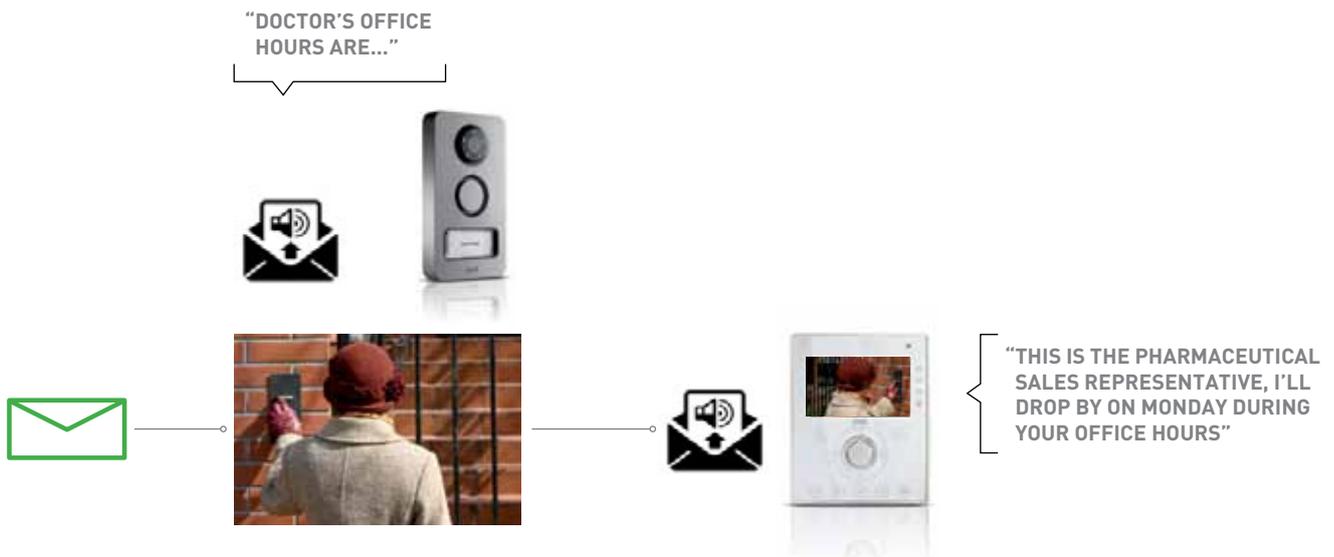


Image storage function

The Aiko video door phone features a memory that can hold up to 32 video clips of 10 seconds each, recording both

audio and video messages. This function turns this monitor into a true answering machine. A green LED flashes to indicate that automatically recorded messages have not

been viewed yet. Simple controls and an intuitive icon system guide user through the recording and message management procedures.



Case 1 → User can record an audio message that the guest will hear after ringing the bell. When finished playing

the message, the video door phone goes into recording mode and the guest may record an audio message,

so the host always knows which guests he missed.



Case 2 → User can set the video door phone so that the entry panel automatically

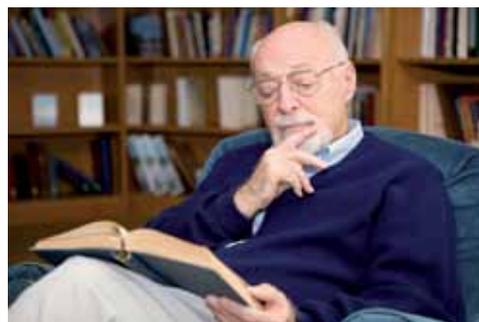
records a video clip and any audio messages 4 seconds after the guest call.

SINGLE-FAMILY KIT: FUNCTIONS

note

Greater usability

- Driveway gate independent opening.
- Mikra entry panel with wide-angle colour camera: when installed 160 cm from the ground, the camera will frame persons standing up or sitting in a wheelchair; horizontal viewing angle is 120° It will also frame subjects hidden at the sides.
- Aiko monitor with integrated induction loop compatibility for hearing aids switched to the "T" position.



Greater security

- Possibility to integrate video surveillance system for increased security in particularly isolated buildings.
- A magnetic key is used instead of a mechanical key, to open entrances more rapidly.
- The kit can be integrated with intrusion alarm systems, with the indoor monitor being used as a control terminal.

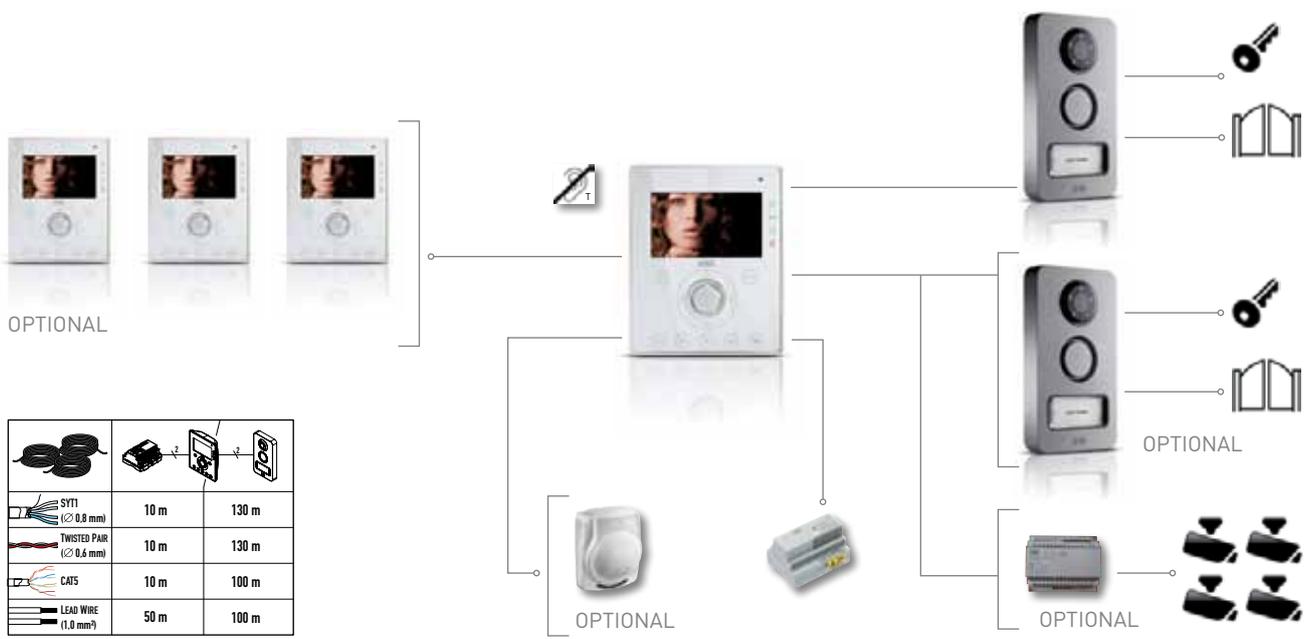


"I'M PICKING UP THE KIDS,
THEY ARE DUE TO ARRIVE
AT 8:00!"

Better communication

- Internal audio message recording: before leaving the house, users can record a message for another family member; a red LED indicates the presence of a message.
- Outdoor video answering machine: the monitor can store up to 32 video messages of 10 seconds each; this function turns this video door phone into a true answering machine.





OPTIONAL

| | | | |
|--------------------|----------------------------|-------|-------------------------------------|
| | | | |
| CCTV (Ø 0,8 mm) | TWISTED PAIR (Ø 0,8 mm) | CAT5 | LEAD WIRE (1,0 mm ²) |
| 10 m | 10 m | 10 m | 50 m |
| 130 m | 130 m | 100 m | 100 m |

FUNCTION TABLE

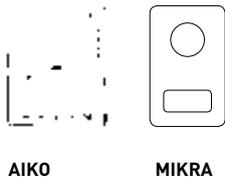
| INSTALLATION | | ENTRY PANEL | | | | | | | MONITOR | | | | | |
|--------------|-----|-------------|-----------|------|-----|-----|-----|-----|---------|-----|-----|-----|---|--|
| | | | | | | | | | | | | | | |
| 2 | 130 | 2 | IK09 | 120° | YES | YES | YES | YES | 4,3" | YES | YES | YES | | |
| MONITOR | | | FUNCTIONS | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES | 4 | 4 | |

KEY

| | | | |
|--|--|---|--|
| Wiring: no. of cables connecting main monitor to entry panel (including electric lock) | Second gate opening | Mute function | Video message recording |
| Maximum distance between entry panel and monitor (m) | Call feedback | Additional chime | Voice message recording |
| Maximum no. of entry panels | Electric lock timer | Staircase lights | Integrated anti-intrusion system |
| Vandal resistant entry panel (IK07) | Display dimensions | Door opening signal | Intercom |
| Wide-angle colour camera | MENU OSD menu | Automatic door opening | Surveillance camera integration |
| Access control function | Compliant with ETS 300381 and EN 60118 standards | Auto-on function | Maximum no. of parallel connected monitors |
| | Different call tones | Operating mode: push-to-talk or full duplex | |

VIDEO-DOORPHONE KITS

SINGLE-FAMILY KIT: AIKO+MIKRA



AIKO

MIKRA

KIT NOTE

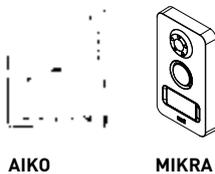
- 1722/71**   One-family colour video door phone kit with Mikra entry panel and Aiko monitor and Integrated image storage function.
- 1722/71SA**   Kit with Aiko and Mikra satin-finished linear front panel.
- 1722/71VM**   Kit with Aiko and Mikra iron-mica linear front panel.



1722/74 - /75
/76 - /77

ACCESSORY KITS

- 1722/62** Aiko monitor - slave for kits 1722/71- 1722/71SA - 1722/71VM
- 1722/73** Aiko front panel, black
- 1722/74**  Aiko front panel, blue
- 1722/75**  Aiko front panel, green
- 1722/76**  Aiko front panel, red
- 1722/77**  Aiko front panel, grey
- 1122/60** Flush-mounting box with frame for Mikra kit entry panel
- 1722/11**  Secondary entry panel kit for 1722/71
- 1722/11SA**  Secondary entry panel kit for 1722/71SA
- 1722/11VM**  Secondary entry panel kit for 1722/71VM
- 1083/69** CCTV interface kit for 1722/71- 1722/71SA - 1722/71VM



AIKO

MIKRA

2-WIRE KITS

- 1722/81**   One-family colour video door phone kit with Mikra entry panel and Aiko monitor.



1722/74 - /75
/76 - /77

2-WIRE ACCESSORY KITS

- 1722/82** Aiko slave monitor for 1722/81 kit
- 1122/60** Flush-mounting box with frame for Mikra kit entry panel, for 1722/81 only
- 1722/73** Aiko front panel, black
- 1722/74**  Aiko front panel, blue
- 1722/75**  Aiko front panel, green
- 1722/76**  Aiko front panel, red
- 1722/77**  Aiko front panel, grey



Colour

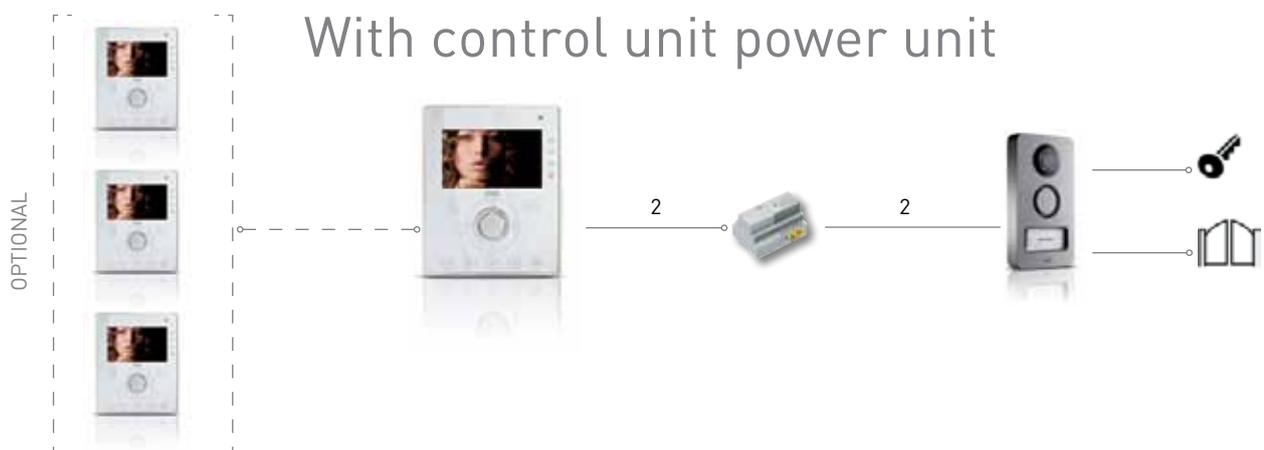
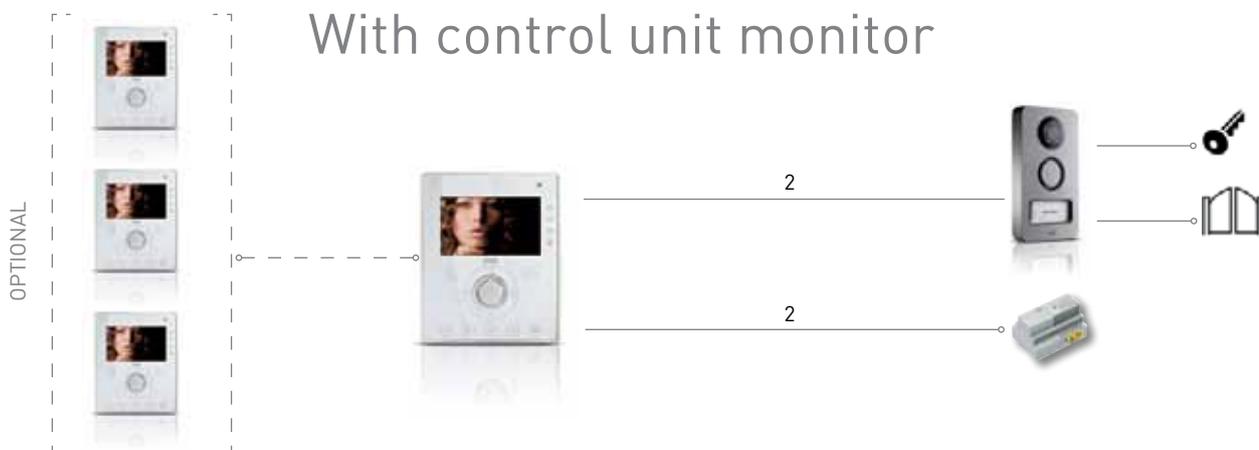


2-WIRE KITS: WIRING TYPE SELECTION

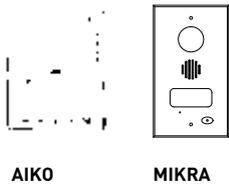
Features:

- video auto-on function
- non-polarized 2-wire
- up to 4 monitors in parallel
- second gate command available

| Wiring Type | 10 m | 130 m |
|-------------------------------------|------|-------|
| SYT1 (Ø 0,8 mm) | 10 m | 130 m |
| TWISTED PAIR (Ø 0,6 mm) | 10 m | 130 m |
| CAT5 | 10 m | 100 m |
| LEAD WIRE (1,0 mm ²) | 50 m | 100 m |

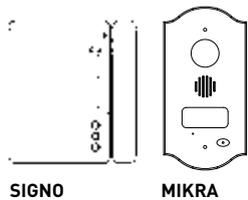


SINGLE/TWO-FAMILY KIT: AIKO+MIKRA



AIKO

MIKRA



SIGNO

MIKRA

2VOICE KIT: SINGLE/TWO-FAMILY

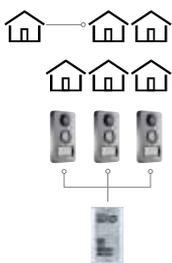
| | | | |
|-----------|--|--|--|
| 1783/651 | | | One/two-family kit with AIKO monitor and MIKRA entry panel |
| 1783/651L | | | 2voice kit with AIKO and MIKRA polished brass front panel |
| 1783/651S | | | 2voice kit with AIKO and MIKRA satin-finished brass front panel |
| 1783/641 | | | One/two-family kit with SIGNO colour monitor and MIKRA entry panel |
| 1783/641L | | | 2voice kit with SIGNO and MIKRA polished brass front panel |
| 1783/641S | | | 2voice kit with SIGNO and MIKRA satin-finished brass front panel |
| 1783/611 | | | One/two-family kit with Signo B/W monitor and MIKRA entry panel |

2VOICE ACCESSORY KITS

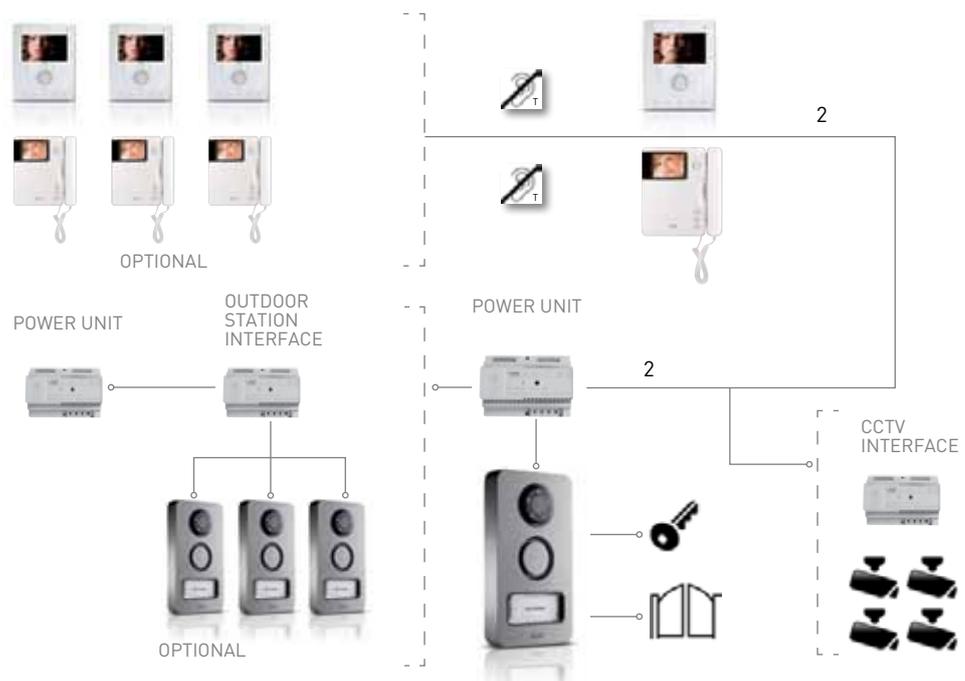
| | | |
|---------|--|---|
| 1783/1 | | Mikra for 2Voice with colour camera |
| 1783/2 | | Mikra for 2Voice with B/W camera |
| 1083/75 | | Outdoor station interface |
| 1783/69 | | CCTV Interface, 4 cameras, Bus connection |
| 1083/55 | | User distributor |
| 1122/60 | | Flush-mounting box with frame for Mikra entry panel |

ACCESSORIES

| | | |
|---------|--|---|
| 1783/1L | | Mikra Exigo polished brass entry panels |
| 1783/1S | | Mikra Exigo satin-finished brass entry panels |



- One- to two-family switch with simple mechanical jumper
- Ideal for connecting detached house systems to a single shared entrance (residential complex)
- 2Voice technology
- Second lock control without additional devices





SINGLE/TWO-FAMILY KIT: ARCO+SMYLE

5-WIRE VIDEO KIT

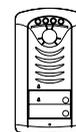
REQUIREMENT: turning a door phone system into a video door phone system with 1 or 2 video inputs.

RECOMMENDED KITS

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



ARCO



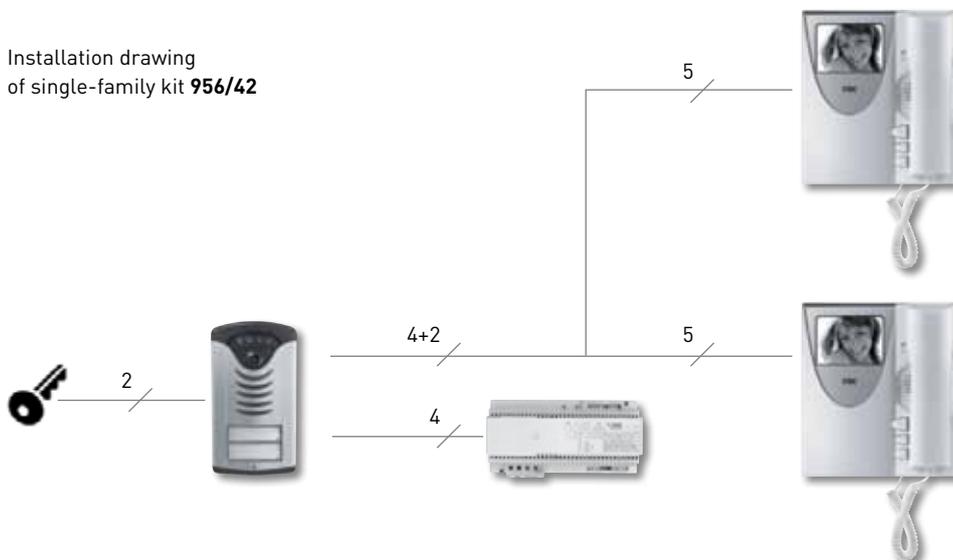
SMYLE

VIDEO-DOORPHONE
KITS

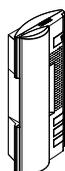
Features:

- 5 wires in riser
- 4 parallel connected video door phones with added supplemental devices
- Video auto-on at outdoor video station
- Possibility of managing up to 2 video inputs with the addition of relay box 788/51, entry panel 1729/1 (single-family) or 1729/2 (two-family) and outdoor video station 956/123
- Max distance 200 m

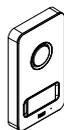
Installation drawing
of single-family kit **956/42**



SINGLE-FAMILY KIT: UTOPIA+MIKRA



UTOPIA



MIKRA

INTEGRAL 2-WIRE AUDIO KIT

REQUIREMENT: turning a bell system into a door phone system with voice call service and door opening.

RECOMMENDED KITS

| | | |
|---------|--|---|
| 1122/31 | | One-family 2-wire kit with Utopia door phone and Mikra entry panel |
| 1122/61 | | One-family 2-wire kit with Utopia hands-free door phone and Mikra entry panel |
| 1122/39 | | One-family 2-wire kit, as 1122/31 but for 60 Hz systems |

Features:

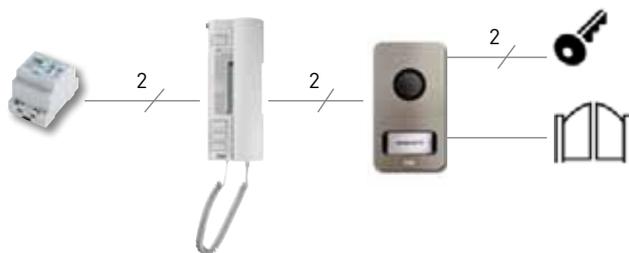
- Can open a second gate without adding any wires
- Selectable ring tones
- Selectable preferred conversation mode: hands free or button pressed (1122/61 kit only)
- Full-duplex audio
- Up to 5 door phones in parallel (5 wires)
- Call volume adjustment with Mute mode
- Max distance 110 m
- Power supply 12 Vac

BEFORE

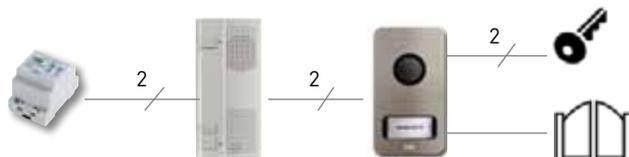


AFTER

Installation drawings of kit 1122/31 or 1122/39 (option) automatic gate



Installation drawings of kit 1122/61 single-family door phone



INTEGRAL 2-WIRE AUDIO ACCESSORY KITS

| | | |
|--------------------|--|---|
| 1129/52 9854/41 | | Additional door phone for 2-wire audio kit 1122/31 additional chime for electronic call |
|--------------------|--|---|

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

Colour



SINGLE/TWO-FAMILY KIT: ATLANTICO+MIKRA

4+N-WIRE AUDIO KIT

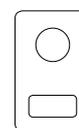
REQUIREMENT: installing an audio system with 1 or 2 inputs
for single or two-family house systems.

RECOMMENDED KITS

| | |
|-----------------|---|
| 1122/501 | One-family 4+n-wire kit with ATLANTICO door phone and Mikra entry panel |
|-----------------|---|

ATLANTICO

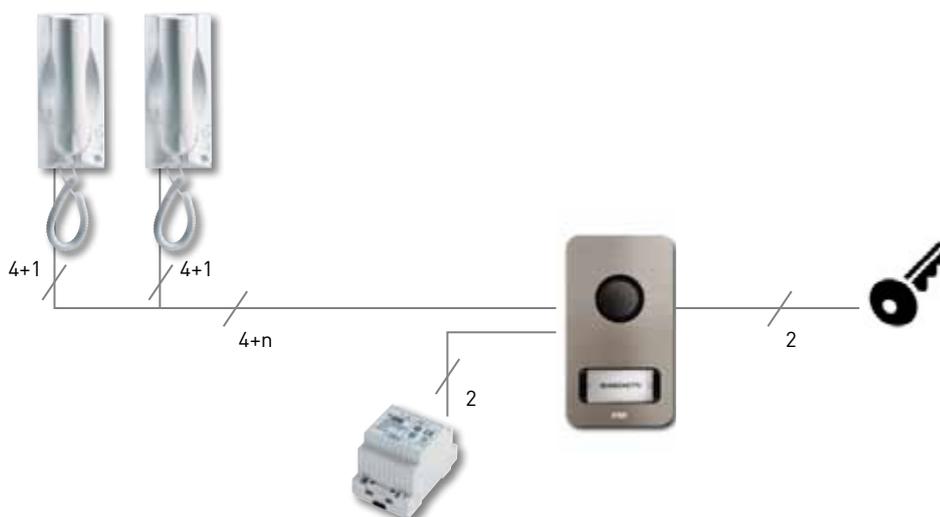
MIKRA



Features:

- Preset to manage second call from entry panel
- Possibility of adding 2 supplementary buttons to each door phone for a total of 3 for operating secondary services
- Possibility of managing up to 2 audio inputs with the addition of relay box 788/51, entry panel 1122/1 (single-family)
- Up to 2 door phones in parallel
- Max distance 300 m
- Power supply 12 Vac

installation drawings
of kit **1122/501** (v1)
single-family door phone



SYSTEM BASE KIT

Available with synthesis entry panel, Urmet's expandable single and two-family kits create a system capable of growing along with building needs, by the simple addition of button modules.

All door phones and video door phones in the expandable kit series come with supplemental buttons to offer improved flexibility in terms of functions and operation. Urmet presents its offering

describing the ideal application for each kit: each package represents a solution that offers the advantages and convenience of ready-to-install base components.

BROAD CHOICE OF DESIGN STYLES AND EMPHASIS ON DESIGN - AIKO, SIGNO AND ARCO



MAIN FEATURES

- ALL BASE SYSTEM COMPONENTS COME IN ONE PACKAGE
- BROAD CHOICE OF DESIGN STYLES
- NEW 2VOICE KIT SERIES

AVAILABLE TECHNOLOGIES



COMPATIBLE DESIGN STYLES



SINTHESI



AIKO



SIGNO



ARCO



ATLANTICO
DOOR PHONE



BASE SYSTEM KIT: 2VOICE

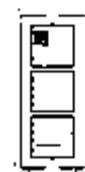
The kits with synthesis entry panel can be used to build systems in single and two-family houses both as a system base for apartment

buildings or for residential complexes. The kits can be expanded thanks to the modular entry panel that can be expanded with additional

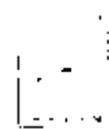
modules, and because they use common devices found in Urmet systems such as 2Voice and the 5-wire video system.

2VOICE KIT

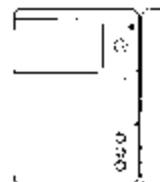
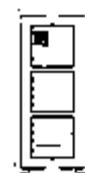
| | |
|---|--|
| 1783/831   | One-family 2Voice colour kit with AIKO video door phone and SINTHESI entry panel |
| 1783/832  | Two-family 2Voice colour kit with AIKO video door phone and SINTHESI entry panel |
| 1783/821  | Single-family 2Voice colour kit with SIGNO video door phone and SINTHESI entry panel |
| 1783/822   | Two-family 2Voice colour kit with SIGNO video door phone and SINTHESI entry panel |
| 1783/801 | Single-family 2Voice B/W kit with SIGNO video door phone and SINTHESI entry panel |
| 1783/802 | Two-family 2Voice B/W kit with SIGNO video door phone and SINTHESI entry panel |



SINTHESI



AIKO



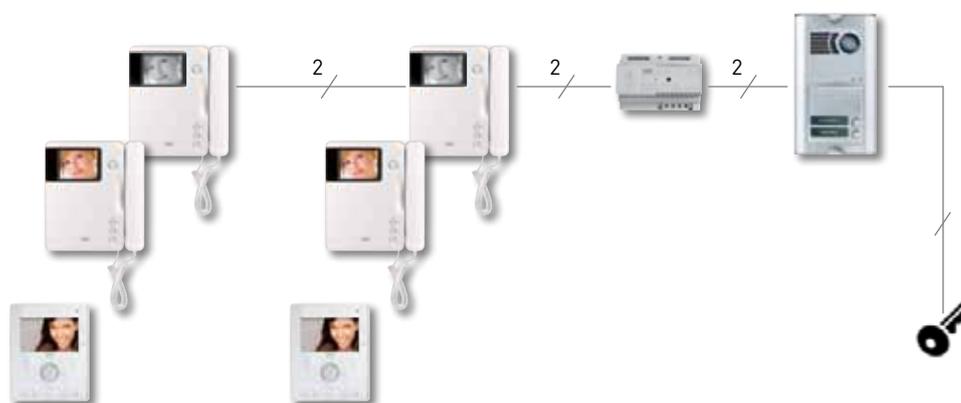
SIGNO

VIDEO-DOORPHONE
KITS

The kits include:

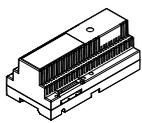
- Video door phone
- power unit 1083/20a
- 2Voice wall mount bracket
- Sinthesi 2-module flush-mounting box 1145/52
- Sinthesi 2-module frame 1145/62 (in single-family kits), single-module front panel 1745/107 also included
- Outdoor station with 1083/71 camera module
- 6-user distributor 1083/55 (in two-family versions)

Installation drawing of 2Voice two-family kit



 Colour

SYSTEM BASE KIT: COAX + 5-WIRE



789/5B



SINTHESI

COAX KIT

1745/770 new  Two-family B/W coax kit with video door phone (supplied separately) selected by customer and Sinthesi entry panel

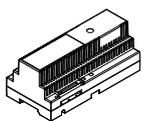
The kits include:

- B/W camera module 1745/82 with Sinthesi outdoor station and two modules. For coax systems
- one-module flush-mounting box 1145/51
- one-module synthesis frame 1145/61
- video power unit 789/5b
- 2-module front panel 1745/101

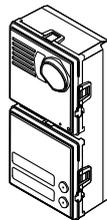
Installation drawing of 1705/622 two-family video door phone kit



Choose your video door phone:
Signo or Arco



789/5B



SINTHESI

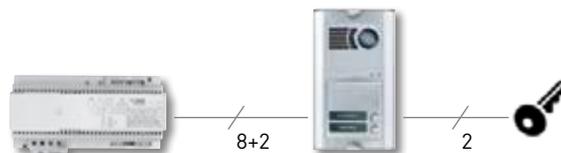
5-WIRE KITS

1745/795 new  Two-family 5-wire B/W kit with video door phone (supplied separately) selected by customer and Sinthesi entry panel

The kits include:

- B/W camera module 1745/22 with Sinthesi outdoor station and two modules. For 5-wire kits
- 2-module flush-mounting box 1145/52
- 2-module synthesis frame 1145/62
- power unit 789/5b
- one-module front panel 1745/107

Installation drawing of video door phone kit without coaxial cable



Choose your video door phone:
Signo or Arco



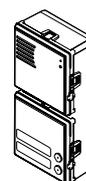
BASE SYSTEM KIT: AUDIO

2VOICE

1183/302 Two-family kit with 2 SIGNO door phones and SINTHESI entry panel

The kit includes:

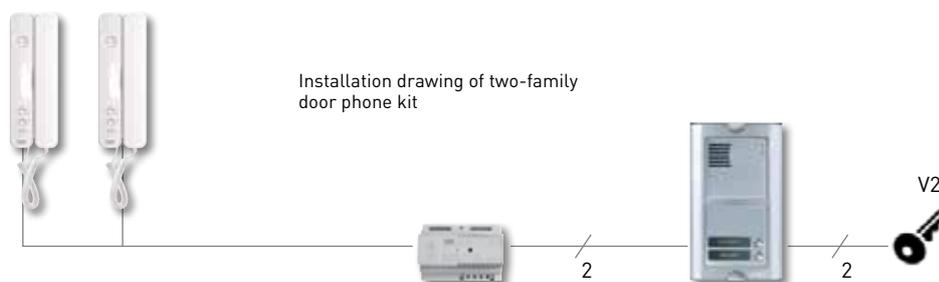
- Signo door phone 1183/2
- 2Voice power unit 1083/20a
- synthesis frame 1145/62
- synthesis flush-mounting box 1145/52
- 2Voice 2-module audio outdoor station 1083/7



SINTHESI



SIGNO



4+N AUDIO KITS

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 include:

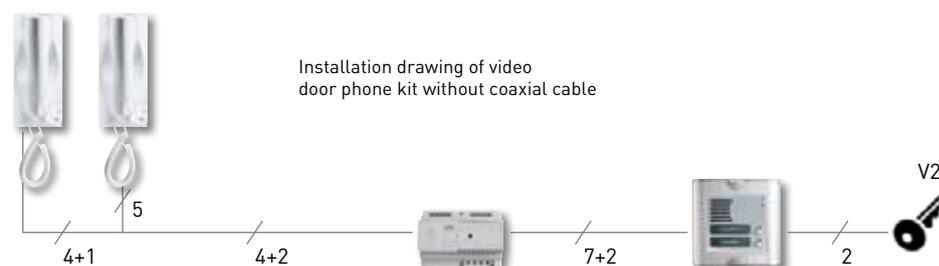
- atlantico door phone 1133/1
- audio power unit 786/11
- synthesis frame 1145/61
- flush-mounting box 1145/51
- outdoor station 1145/500
- button module 1145/21 (for kit 1145/301) or 1145/22 (for kit 1145/302)



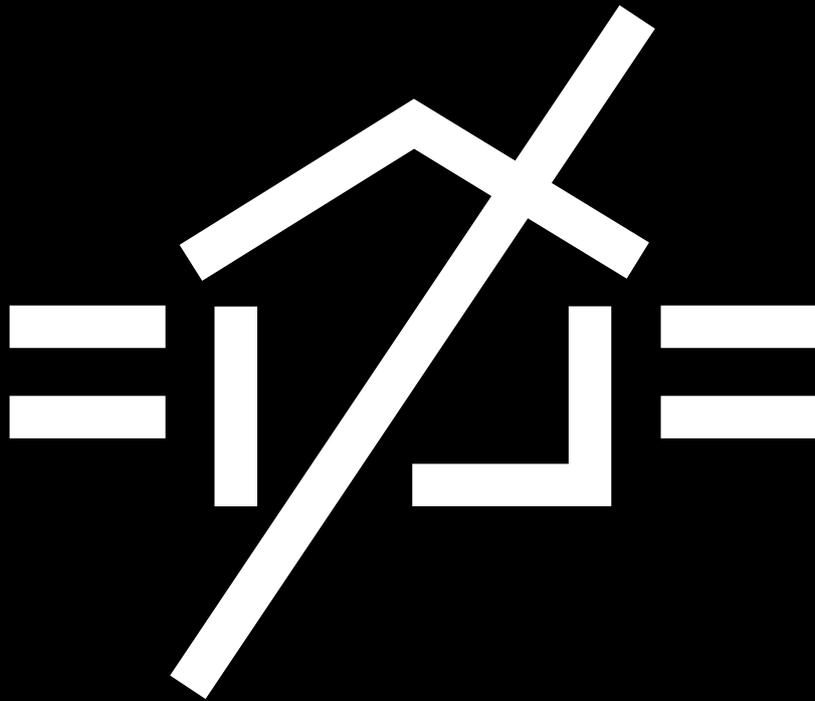
SINTHESI



ATLANTICO



For system features/accessories, please refer to the dedicated section.





| INTRUSION ALARM SYSTEM 1061

WIRED INTRUSION ALARM SYSTEM

WIRED INTRUSION
ALARM SYSTEM

SYSTEMS AND COMPONENTS FOR ENHANCED SECURITY



SOLUTIONS FOR ALL
APPLICATIONS
**SMALL AND MEDIUM-
SIZED BUSINESSES
AND RESIDENTIAL
SERVICES**

Urmet wired intrusion alarm systems are a range of high-performance systems with solutions designed for different types of users: residential, businesses, small industrial firms and office applications. The catalogue

includes many new products with particular emphasis on design. Urmet also developed a series of software applications compatible with all systems: as a result, the user interface is more intuitive and more

practical (it also supports remote control). Programming is also easier and faster. The range of accessories and peripherals includes all components needed to achieve a complete, safe system.



COMPATIBLE
WITH:

|iPer|
voice

1061 SYSTEM

Versatile performance
in a compact package



INTRUSION ALARM SYSTEM 1061

i11



simon
urmet

WIRED INTRUSION
ALARM SYSTEM

MAIN FEATURES

- ROBBERY ALARM, PANIC ALARM AND TECHNOLOGICAL ALARM MANAGEMENT
- COMMUNICATORS CAN BE CONNECTED TO SURVEILLANCE SYSTEMS
- REMOTE MANAGEMENT AND SIMPLE INTERFACE
- SUPPORTS MANAGEMENT OF ENVIRONMENTAL LISTENING PERIPHERAL
- COMMUNICATES OVER BUS LINE
- IMQA LEVEL 1 APPROVAL
- CONTROL DEVICES COMPATIBLE WITH FLEXA, KÀDRA AND EXPÌ DESIGN STYLES FROM SIMON URMET RESIDENTIAL SERIES NEA

Urmet developed a system for residential and small business applications that combines user-friendliness with high-end performance.

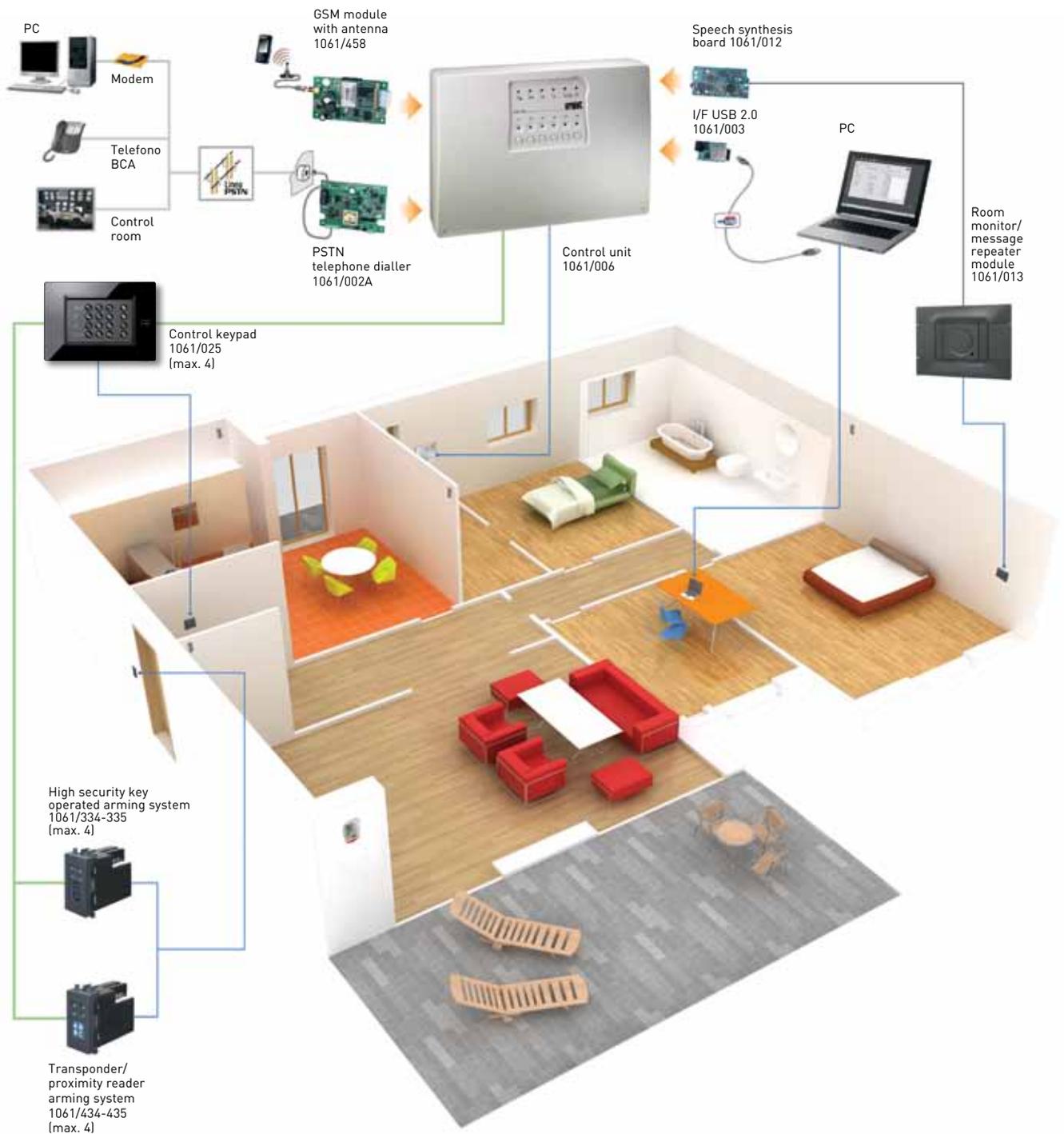
Simple interface supports up to 4 zones, system is managed through key, control

panel and remotely; up to 4/6 inputs for alarm detectors and 4/3 actuator outputs; equipped with voice and digital communicators, the 1061 system manages robbery, panic and technological alarm functions.

SYSTEM FIGURES

- Available in 4- and 6-line versions
- Up to 4 splittable zones
- Up to 8 control devices
- Up to 10 codes
- Up to 10 keys

INTRUSION ALARM SYSTEM 1061





Control units

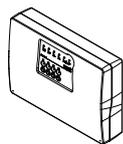
The new intrusion alarm system is compact, easy to use and is designed for small-sized systems. Available in two versions with 4 or 6 lines, the system has obtained IMQA LVL

I approval and is characterised by a broad range of functions: it communicates over a bus line and can manage up to 4 freely associated zones, 4/6 alarm detector inputs and 4/3 actuator outputs. The system can be armed

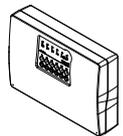
by means of control panels and code, electronic key or proximity key. It has a simple, intuitive interface and voice and digital communicators for transmitting alarm information to users and control rooms. It can manage the robbery alarm,

panic alarm and technological alarm functions. It can interface with a PC for programming and monitoring the system in local and remote mode. It supports system status queries using DTMF.

- 1061/004**  4-line microprocessor based control unit. IMQA LVL 1
- 1061/006**  6-line microprocessor based control unit. IMQA LVL 1



1061/004



1061/006

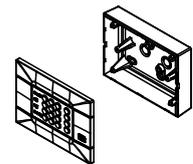
MAIN FEATURES

| | 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 (for direct connection of roller shutter contact) | NC - balanced - fast (for direct connection of roller shutter contact) |
| Max. no of control devices | 8 (4 control panels + 4 arming systems/tags) | 8 (4 control panels + 4 arming systems/tags) |
| Sabotage | 1 24h access | 1 24h access |
| Max. number of keys | 10 | 10 |
| Max. number of codes | 10 (4 to 6 digits) | 10 (4 to 6 digits) |
| Inputs can be freely associated with zones | YES | YES |
| Robbery alarm function (only with control panel) | YES | YES |
| Technological input | YES | YES |
| Management of one technological alarm | YES | YES |
| Management of one panic alarm | Selectable | Selectable |
| IN/OUT times | 1 (prioritized) | 1 (prioritized) |
| Delayed inputs | Led | Led |
| Info displays | After 8 alarm events or upon arming | After 8 alarm events or upon arming |
| Automatic input disabling | Optional | Optional |
| USB interface | YES through application SW | YES THROUGH APPLICATION SW |
| Remote management from PC | Optional | Optional |
| PSTN communicator | Optional | Optional |
| GSM communicator | YES | YES |
| PSTN / GSM priority selection | Event and system ON/OFF event queries using DTMF | Event and system ON/OFF event queries using DTMF |
| Remote management | System parameter configuration and modification | System parameter configuration and modification |
| Remote assistance | Alarm transmission through numeric protocols | Alarm transmission through numeric protocols |
| Remote Surveillance | IDP - ADF - SIA | IDP - ADF - SIA |
| Supply voltage | 220 Vca - 240Vca | 220 Vca - 240Vca |
| Max output load | 1,5A | 1,5A |
| Battery | 1 pc. 12 V@7A | 1 pc. 12 V@7A |
| Casing | Material: ABS (v0) | Material: ABS (V0) |
| Protection degree | IP30 | IP30 |
| Weight (without battery) Kg | 1,450 | 1,450 |
| Dimensions (W x D x H) mm | 340 x 240 x 85 | 340 x 240 x 85 |

INTRUSION ALARM SYSTEM 1061

CONTROL DEVICES

| | |
|----------|--|
| 1061/025 |  LED keypad. IMQA Level 1 <ul style="list-style-type: none"> • Max. number of codes 10 (from 4 to 6 digits) • Four wires - 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 | 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 | 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 | 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. |



1061/025



ACCESSORIES

| | |
|-----------------|--|
| 1061/002 | PSTN telephone dialler. IMQA Level 1 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. |
| 1061/458 | GSM module. IMQA Level 1 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. |
| 1061/012 | Speech synthesis board. IMQA Level 1 For recording alarm messages. For use in combination with PSTN telephone dialler or GSM module. |
| 1061/013 | Room monitor/message repeater module This module is used for room monitoring over the telephone (along or in combination with 1061/002) and for playing messages in local mode. |
| 1061/003 | USB 2.0 interface The USB interface is used to connect a PC to the 1061 control units. |
| 1061/001 | Programming software and remote assistance |
| 1061/515 | Spare part power supply unit for control units 1061, 1056/024A and 1067/032 Power supply 12Vdc @ 1.5A, spare part for power supply units in control units 1061/004, 1061/006, 1056/024A and 1067/032. |
| 1061/904 | Kit with control unit 1061/006 5 standard double technology detectors, 1 magnetic contact, 1 key kit, 1 adapter kit, 1 external self-powered siren. |
| 1061/906 | Kit with control unit 1061/103 2 standard passive infrared detectors, 1 magnetic contact, 1 key kit, 1 adapter kit, 1 external self-powered siren. |
| 1061/907 | Kit with control unit 1061/103 2 standard double technology detectors, 1 magnetic contact, 1 key kit, 1 adapter kit, 1 external self-powered siren. |

3-LINE MICROPROCESSOR BASED CONTROL UNIT

MODEL 1061/103 **new**



**EASY TO
PROGRAMME,
INSTALL AND
MANAGE**

MAIN FEATURES

- COMMUNICATES OVER BUS LINE
- COMPATIBLE WITH 1061 SERIES ACCESSORIES
- SIMPLE INSTALLATION
- EASY PROGRAMMING
- ARMED FROM CONTROL PANEL USING CODE, PROXIMITY KEY, ELECTRONIC OR MECHANICAL KEY

For the home and small businesses

Control unit 1061/103 is part of system 1061 and is powerful yet simple to use. This control unit features 3 lines and communicates over a BUS line, supports system splitting and can be armed from control panel

or electronic, magnetic or mechanical key. Safe and compact, it offers IP30 impact resistance degree.

SYSTEM FIGURES

- 3 alarm detection lines
- Up to 2 splittable zones
- Up to 8 control devices
- Up to 10 codes
- Up to 10 keys



3-LINE MICROPROCESSOR BASED CONTROL UNIT

Control units

New, compact-size intrusion alarm control unit is simple and intuitive and ideally suited for small applications. The control unit features 3 alarm detection lines, one output

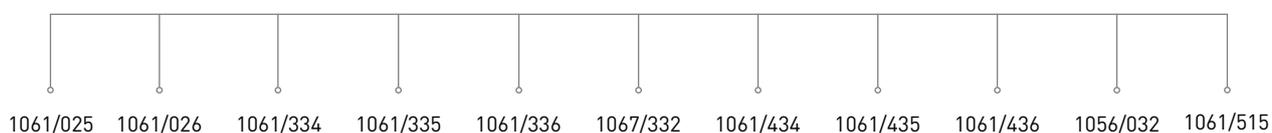
for sounder connection, one relay alarm signal output and one system status output (memory reset). sends all commands over a data Bus line, supports system splitting

into 2 zones system arming from control panel using a code or through electronic or mechanical key or keyfob.

MAIN FEATURES

| | 1061/103 |
|---|--|
| Number of inputs: | 3 |
| Number of outputs | 2 |
| Number of splittable zones | 2 |
| Selectable inputs | NC |
| Max no. of control devices: | 8 (4 control panels + 4 arming systems/ tags) |
| Sabotage | 1 24h access |
| Max. number of keys | 10 |
| Max. number of codes | 10 |
| Inputs can be freely associated with zones | yes |
| IN/OUT times | selectable |
| Delayed inputs | 1 (prioritized) |
| Info displays | Led |
| Automatic input disabling | After 8 alarm events or upon arming |
| Supply voltage | 220 Vac - 240 Vac |
| Max output current | 1,5 A |
| Battery | 1 pc. da 12V@7A |
| Casing | material: ABS (V0) |
| Protection degree | IP30 |
| Weight (without battery) | Kg 1,450 |
| Dimensions [L x H x D] | mm 340 x 240 x 85 |

COMPATIBILITY WITH 1061 SERIES ACCESSORIES







| AGO SYSTEM

WIRELESS INTRUSION ALARM SYSTEM

WIRELESS SECURITY: TWO-DIRECTIONAL AND INTEGRATED

There is an increasing demand for intrusion alarm systems to be installed in renovated apartments and sites, where customers prefer to avoid additional masonry work. In order to cater to these specific needs, Urmet developed two wireless solutions with two-directional technology so as to offer the same level of security as wired systems. The Ago system, complete with control unit, sensors and control devices, is now supplemented with a hybrid interface, ideal for all expansion projects where security must be provided for a new zone (as in expansion projects) where the

rest of the installation site is already equipped with a wired system.

The new interface enables the control unit of the wired intrusion alarm systems to communicate with wireless peripherals and control devices to create a single security system that will be more flexible and easier to manage.



STYLISH SECURITY SOLUTIONS



AGO SYSTEM
Unrestrained security

TWO-DIRECTIONAL TECHNOLOGY

The new Ago intrusion alarm system is ideal for residential applications. Fully two-directional technology enables peripheral devices to constantly dialogue with the control unit to confirm the accuracy of transmitted data. High performance and flexibility make this system the optimal solution for any requirements. These characteristics make wireless technology the preferred choice in all scenarios where a theft alarm system is to be installed after the site has been renovated,

because there is no need to cut any additional chases in the walls. Ago goes hand in hand with design, because it adapts to the existing structure of the home and its components are distinctively design-oriented.

AGO SYSTEM

i11



MAIN FEATURES

- TWO-WAY: CONSTANT DIALOGUE BETWEEN CONTROL UNIT AND TRANSCIVER 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

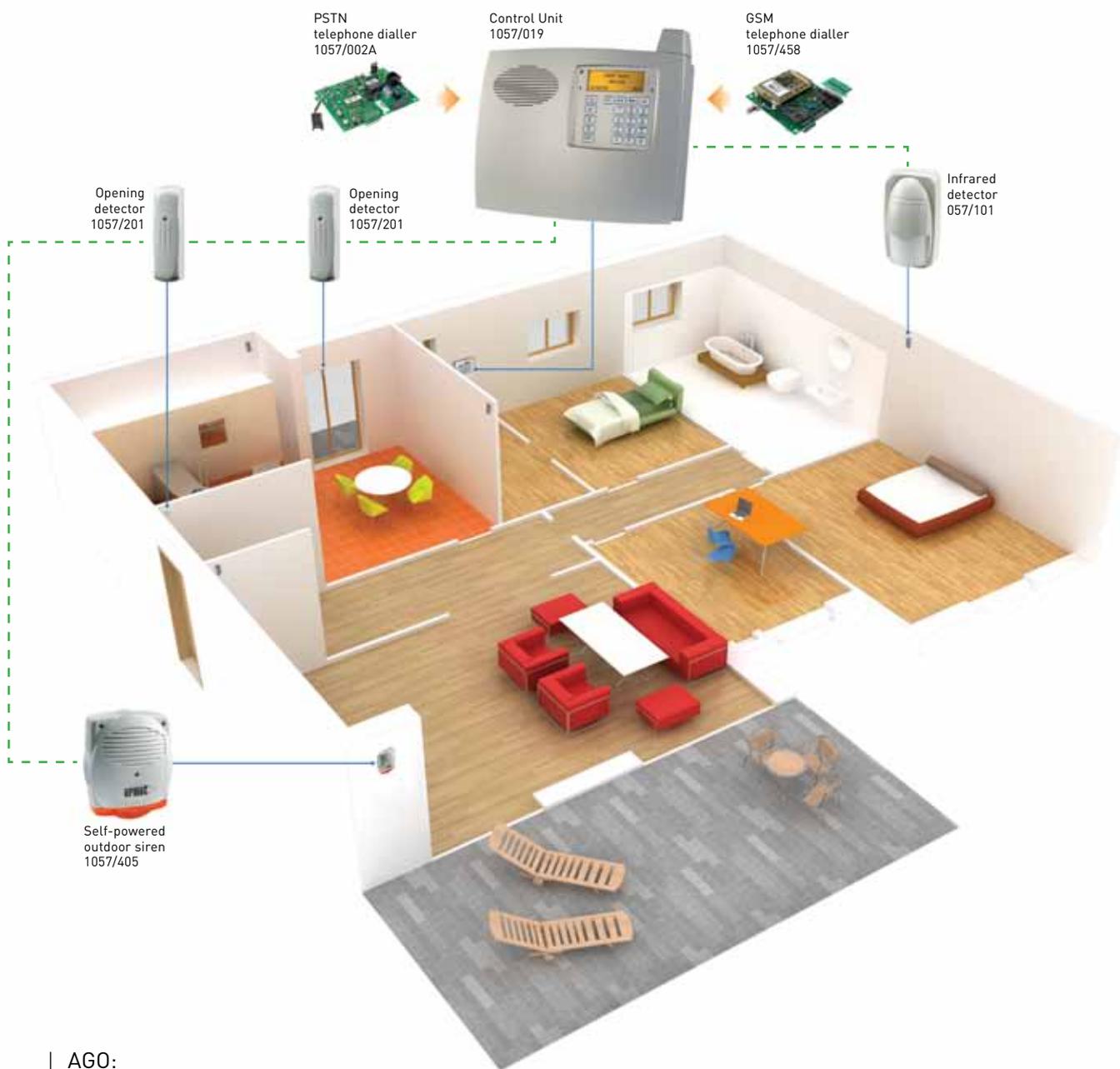
THE NUMBERS OF THE SYSTEM

- 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

Ago: acting for your security

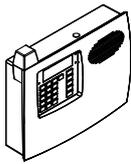
The new Ago intrusion system is the ideal choice for homes. With two-way technology throughout, the devices constantly dialogue with the control unit to ensure transmitted data correctness. Its top level performance and flexibility make it the best solution for all needs. With these features, wireless 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 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

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 | 230Vca |
| Max. number of zones | 4 | 4 |
| Max. number of detectors | 32 | 32 |
| Integrated siren | YES | YES |
| Average free field range | 300 | 300 |
| Selectable alarm time | YES | YES |
| Selectable exit time | YES | YES |
| Selectable entrance time | YES | YES |
| Automatic input cut-out | After 8 alarms | After 8 alarms |
| Tampering | YES | YES |
| Supervision | YES | YES |
| Dimensions (W x H x D) mm | 280 x 245 x 67 | 280 x 245 x 67 |



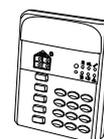
CONTROL DEVICES

- 1057/045**  **Five-button remote control**
- Operating frequency: 433,050 434,790 MHz
 - Communication mode: FSK-NB frequency modulation
 - Number of radio channels: 8
 - Average free field range: 250 m
 - Power: lithium battery 1057/615 included
 - Autonomy: up to 2 years
 - 5 programmable buttons
 - 5 two-colour LEDs



1057/045

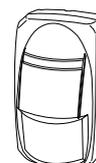
- 1057/025**  **Supplementary control keypad**
- Power voltage: 2 lithium batteries 1033/614 included
 - Autonomy: up to 2 years
 - Average free field range: 300 m
 - Backlit keypad
 - Dusk sensor for limiting consumption
 - Password: from 4 to 6 digits
 - Tamperproof protection
 - System status indicator 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



1057/025

DETECTORS

- 1057/101**  **Passive infrared detector**
- 1057/102** **Pet Immunity passive infrared detector**



i 11

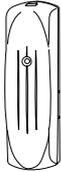
1057/101

MAIN CHARACTERISTICS

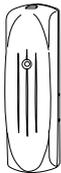
| | 1057/101 | 1057/102 |
|----------------------------------|-------------------------------------|-------------------------------------|
| Power voltage | 1 lithium battery 1033/614 included | 1 lithium battery 1033/614 included |
| Autonomy | 2 years in normal conditions of use | 2 years in normal conditions of use |
| Average free field range | 300 | 300 |
| Protection range | 15 | 15 |
| PET IMMUNITY function | NO | YES |
| Pulse count | YES | YES |
| Degree of protection | IP30 | IP30 |
| Dimensions (W x H x D) mm | 70 x 124 x 54 | 70 x 124 x 54 |

AGO SYSTEM

i 11



1057/201



1057/202



1057/121

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 | YES | YES |
| 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 <ul style="list-style-type: none"> • 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 |
|----------|---|--|

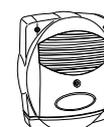
TELEPHONE DIALERS

| | |
|-----------|--|
| 1057/002A | PSTN dialler module with modem <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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 |



SIRENS

- 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
-

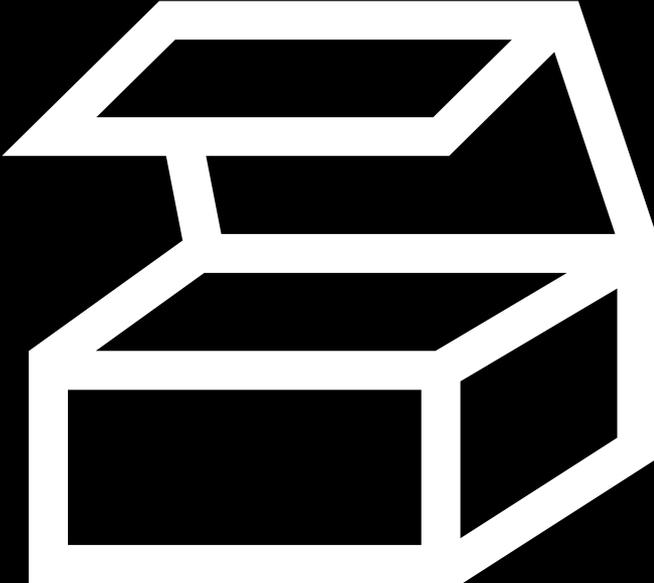


1057/405



BATTERIES

- 1057/612** **Spare lithium battery 3.6V@14A**
Box containing 2 lithium batteries, 3.6V@14A for 1057/405 and 201057/008 siren.
-
- 1057/614** **Lithium battery 3.6V@14A**
Box containing 3 lithium batteries, 3.6V@14A for 1057/018 control unit.
-
- 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.
-





WIRED INTRUSION ALARM KIT 1061
AGO WIRELESS INTRUSION ALARM KIT
ANALOGUE VIDEO SURVEILLANCE KITS

SECURITY KITS

SECURITY
KITS



WIRED INTRUSION ALARM KIT 1061: FREEDOM OF CHOICE

Urmet has developed this intrusion alarm system for residential and small business applications.

The 1061 is powerful yet simple to use. Available with 4 or 6 lines, the system is IMQA LVL I approved. It communicates over a bus line and can manage 4 freely associated zones. The system can be armed by means of keypads and code, electronic key or proximity key. It has a simple, intuitive interface and voice and digital communicators for transmitting alarm information

to users and control rooms. The following advanced functions can be managed: robbery alarm, panic alarm and technological alarm. It can interface with a PC for programming and monitoring the system in local and remote mode. It supports system status queries also using DTMF.

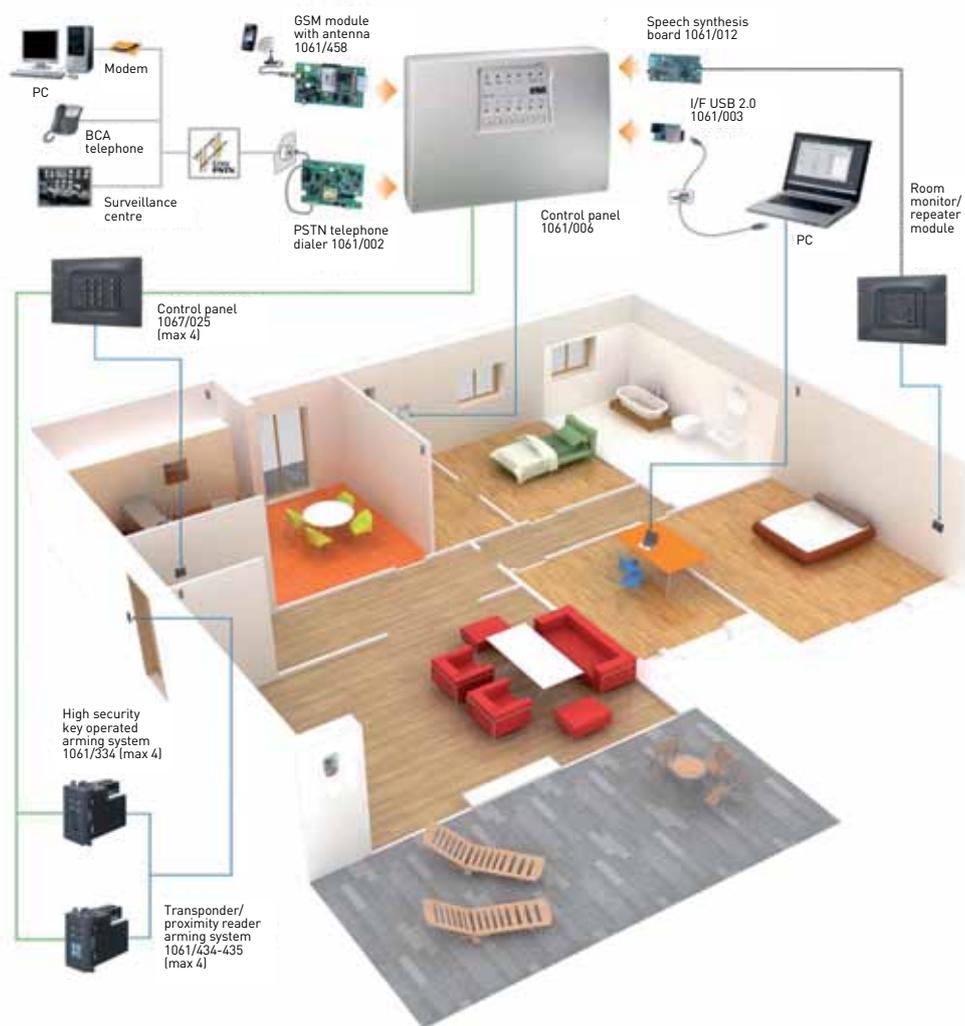


FEATURES

- Available in 4- and 6-line versions
- Up to 4 splittable zones
- Up to 8 control devices
- Up to 10 codes
- Up to 10 keys

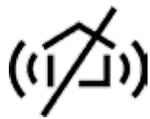


1061 KIT. System layout.



1061 KIT. The range.

- **1061/902** - Kit with control unit 1061/006, 5 IMQ approved double technology detectors, 1 magnetic contact, 1 key kit, 1 adapter kit, 1 external self-powered siren.
- **1061/904** - Kit with control unit 1061/006, 5 standard double technology detectors, 1 magnetic contact, 1 key kit, 1 adapter kit, 1 external self-powered siren.
- **1061/906** **new** - Kit with control unit 1061/103, 2 standard passive infrared detectors, 1 magnetic contact, 1 key kit, 1 adapter kit, 1 external self-powered siren.
- **1061/907** **new** - Kit with control unit 1061/103, 2 standard double technology detectors, 1 magnetic contact, 1 key kit, 1 adapter kit, 1 external self-powered siren.



AGO WIRELESS INTRUSION ALARM KIT: A LOW-IMPACT DESIGN WITH ADVANTAGES THAT ARE PLAIN TO SEE

The design-friendly wireless anti-theft system.

No wires and no masonry work required.

Thanks to Urmet's two-way technology, the peripheral devices constantly dialogue with the control unit to check correct transmission of data, ensuring the same level of

performance and security of a wired system.

Urmet's wireless intrusion alarm systems feature integrated power supply and maximum flexibility.

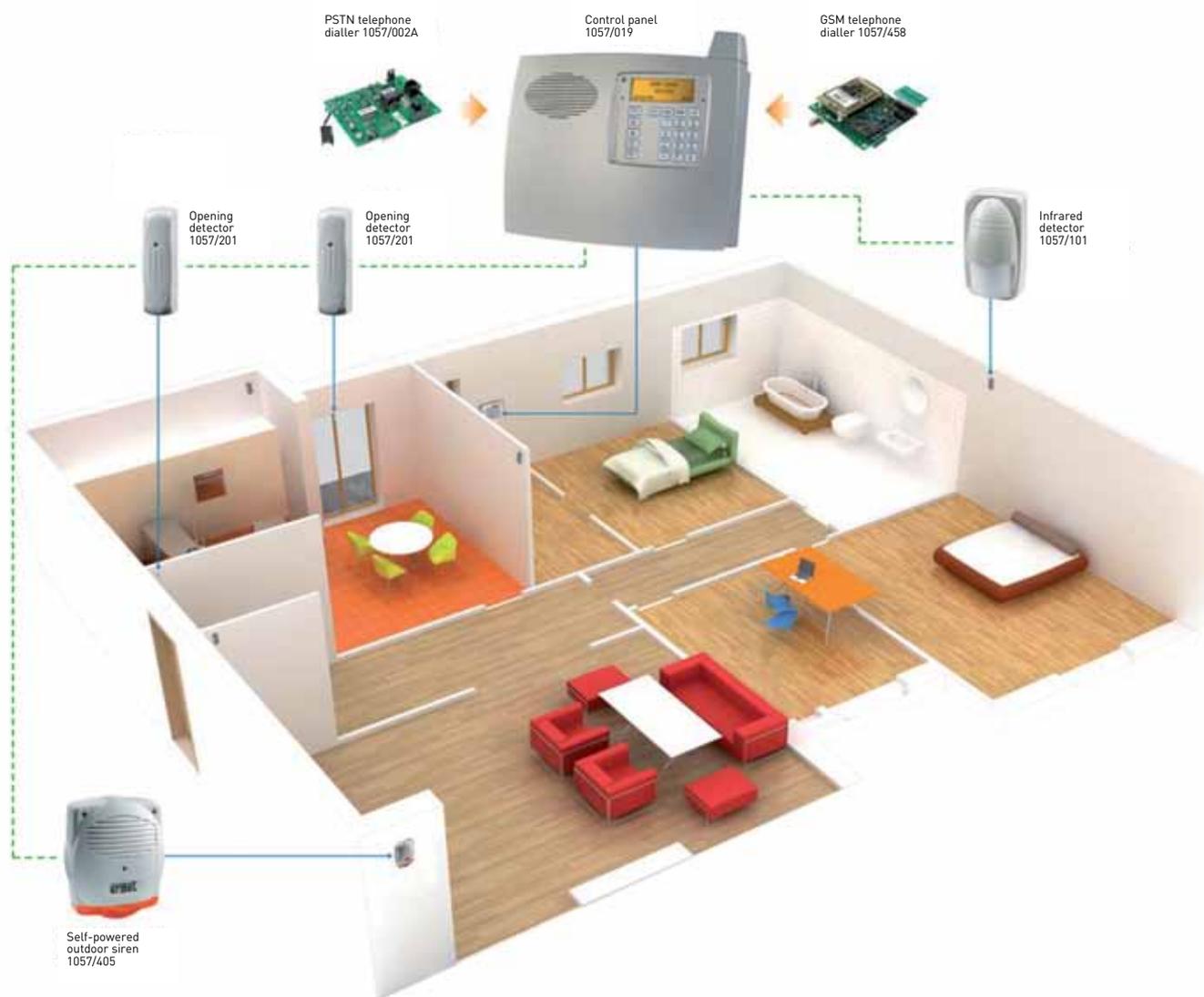


FEATURES

- Two-way technology: constant dialogue between control unit and transceiver devices for security you can rely on
- Free zone splitting
- Separate management of 6 event types
- Integrated technological alarm and emergency call management
- 4 programmable zones
- can be associated to 32 wireless sensors plus 64 wired sensors, all individually named
- 8 remote controls, 4 keypads, 16 input codes
- Can store up to 128 events
- System supervision test



System layout.



The range.

- **1057/902** - AGO Intrusion alarm kit with control unit 1057/018, five-button remote control 1057/045, passive infrared detector 1057/101, magnetic contact 1057/201.
- **1057/903** - AGO Intrusion alarm kit with control unit 1057/019, five-button remote control 1057/045, passive infrared detector 1057/101, magnetic contact 1057/201.



ANALOGUE VIDEO SURVEILLANCE KITS: TOTAL CONTROL

Everything you need
to create a base system.

Three kits suitable for all applications: digital 4-channel
video recorder and mini camera with 3.6-mm lens,
or digital 8-channel video recorder and mini camera
with 4-9 mm lens.





The range.



- **1093/KND2** - Video surveillance kit with 4CH DVR of the Videosmart series
 - n. 1 1093/002 4Ch digital video recorder, H.264, Videosmart series
 - n. 2 1092/128A 1/4" Day&Night compact camera - 420 TVL - 3,6-mm lens
 - n. 2 1092/800 power unit with plug 230 Vac - 12 Vdc - 500 mA
 - n. 2 Simplified Privacy Notice labels



- **1093/KND2H** - Video surveillance kit with 4CH DVR of the Videosmart series
 - n. 1 1093/002 4-Ch digital video recorder, H.264, Videosmart series
 - n. 2 1092/220A 1/3" Day&Night compact camera - 540 TVL - 4-mm lens
 - n. 2 1092/800 power unit with plug 230 Vac - 12 Vdc - 500 mA
 - n. 2 Simplified Privacy Notice labels



- **1093/KND3H** - Video surveillance kit with 8CH DVR of the Videosmart series
 - n. 1 1093/003 8-Ch digital video recorder, H.264, Videosmart series
 - n. 2 1092/214A 1/3" Day&Night compact camera - 600 TVL - OSD - 4-9 mm lens
 - n. 2 1092/801 power unit with plug 230 Vac - 12 Vdc - 1200 mA
 - n. 2 Simplified Privacy Notice labels





DIMENSIONS

APARTMENT STATIONS

| | |
|--|----|
| I-MODO, MODO, AIKO | i1 |
| FOLIO, NEXO | i2 |
| SIGNO, SIGNO DOOR PHONE, ARCO, ATLANTICO | i3 |
| 752/33, 1130, INTERCOM | i4 |

ENTRY PANELS

| | |
|---------------------------------|----|
| ELEKTA, ELEKTA STEEL, 925 | i5 |
| SINTHESI | i7 |
| SINTHESI STEEL | i8 |
| MIKRA, MIKRA AUDIO, MIKRA EXIGO | i9 |

TELEPHONY

| | |
|-------------------|-----|
| AGORÀ 2, AGORÀ 4, | i10 |
|-------------------|-----|

WIRED & WIRELESS INTRUSION ALARM SYSTEMS

| | |
|---|-----|
| 1061, AGO, 1057/101, 1057/201, 1057/405 | i11 |
|---|-----|

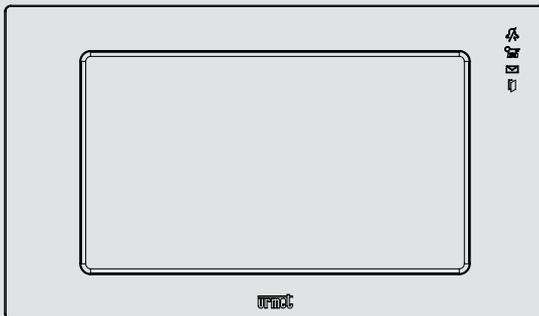
COMPOSITION TABLES

| | |
|---------------------------|-----|
| 2VOICE SYSTEM | i12 |
| BIBUS VOP SYSTEM | i19 |
| COAX VIDEO DOOR PHONES | i21 |
| 5 WIRES VIDEO DOOR PHONES | i25 |
| 4+N DOOR PHONES | i29 |
| 1+N DOOR PHONE | i32 |

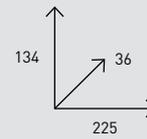
TECHNICAL INFO

APARTMENT STATIONS

COLOUR VIDEO DOOR PHONE TOUCH-SCREEN



modo

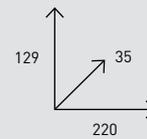


(H x W x D) mm

COLOUR VIDEO DOOR PHONE TOUCH-SCREEN

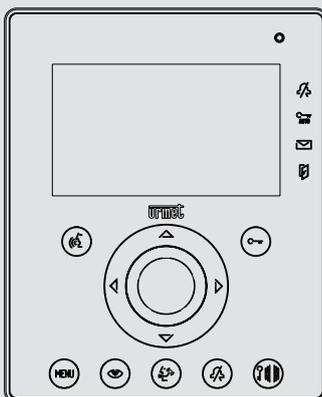


modo

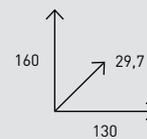


(H x W x D) mm

COLOUR VIDEO DOOR PHONE



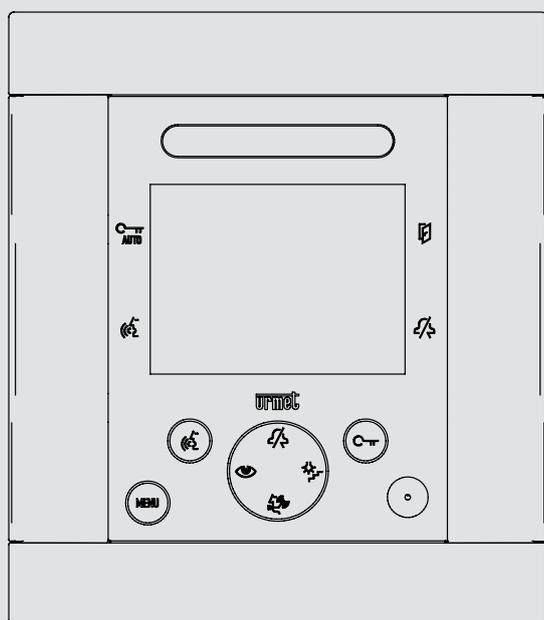
aiko



(H x W x D) mm

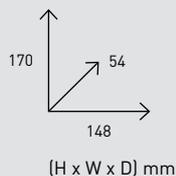
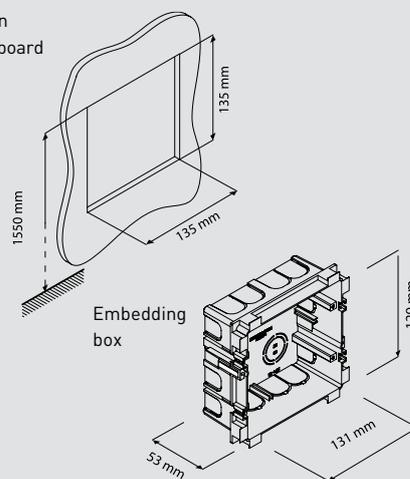
APARTMENT STATIONS

FOLIO HANDSFREE VIDEO DOOR PHONE

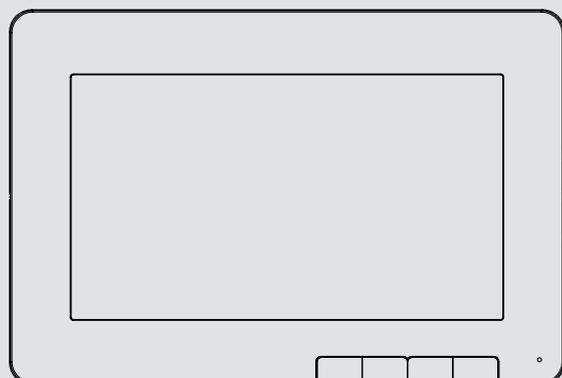


folio

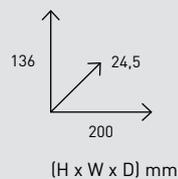
Installation
on plasterboard
wall



HANDSFREE VIDEO DOOR PHONE

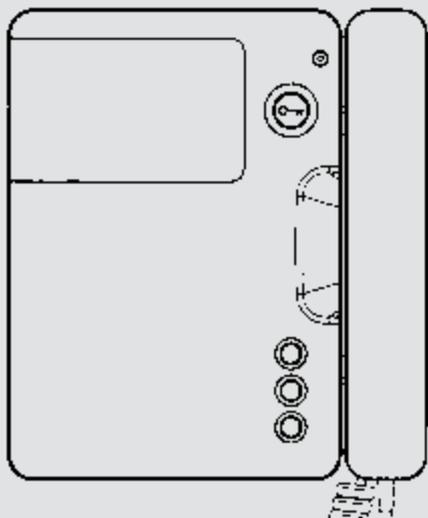


nexo

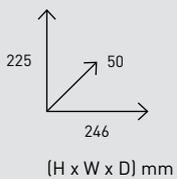


APARTMENT STATIONS

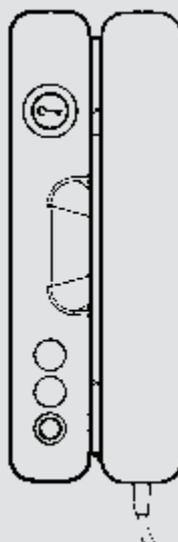
COLOUR AND B/W VIDEO DOOR PHONE



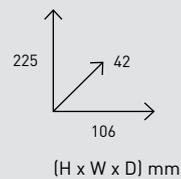
signo



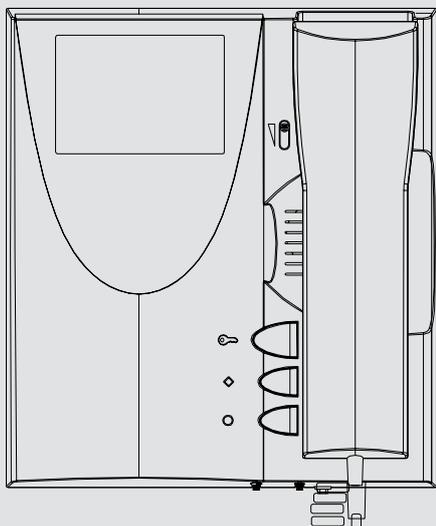
DOOR PHONE



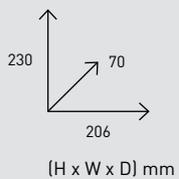
signo
AUDIO



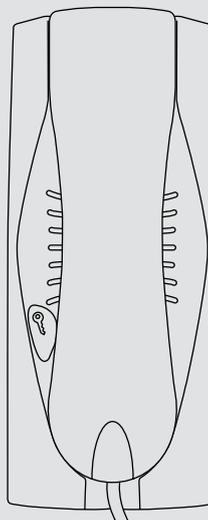
VIDEO DOOR PHONE



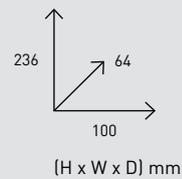
arco



DOOR PHONE



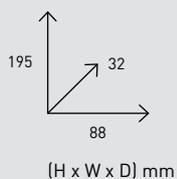
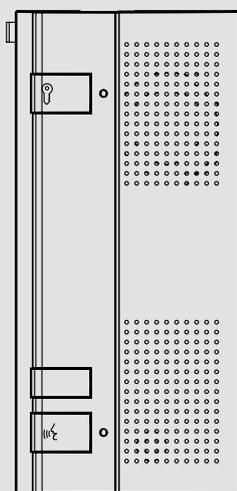
atlantico



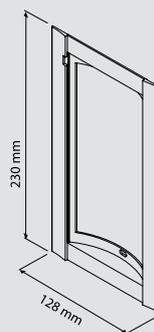
APARTMENT STATIONS

DUO HANDSFREE DOOR PHONE

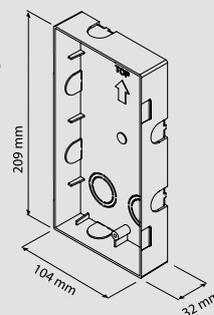
752/33



Cornice

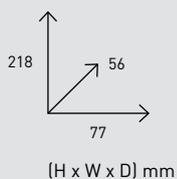
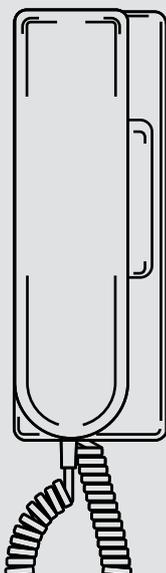


Scatola incasso

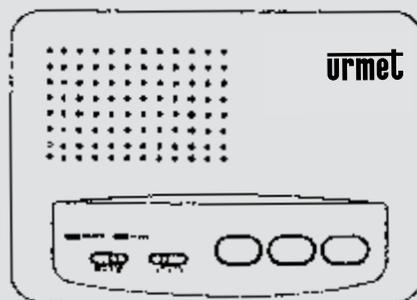


DOOR PHONE

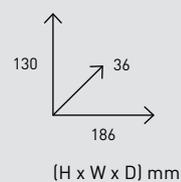
1130



INTERCOM DEVICE



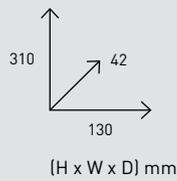
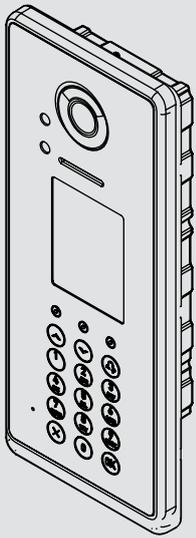
INTERCOM



APARTMENT STATIONS / ENTRY PANELS

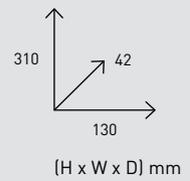
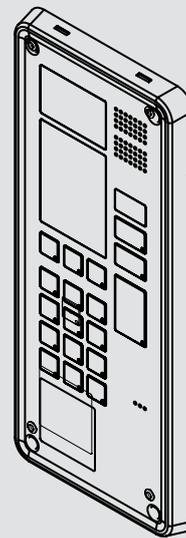
VIDEO ENTRY PANEL

ELEKTA

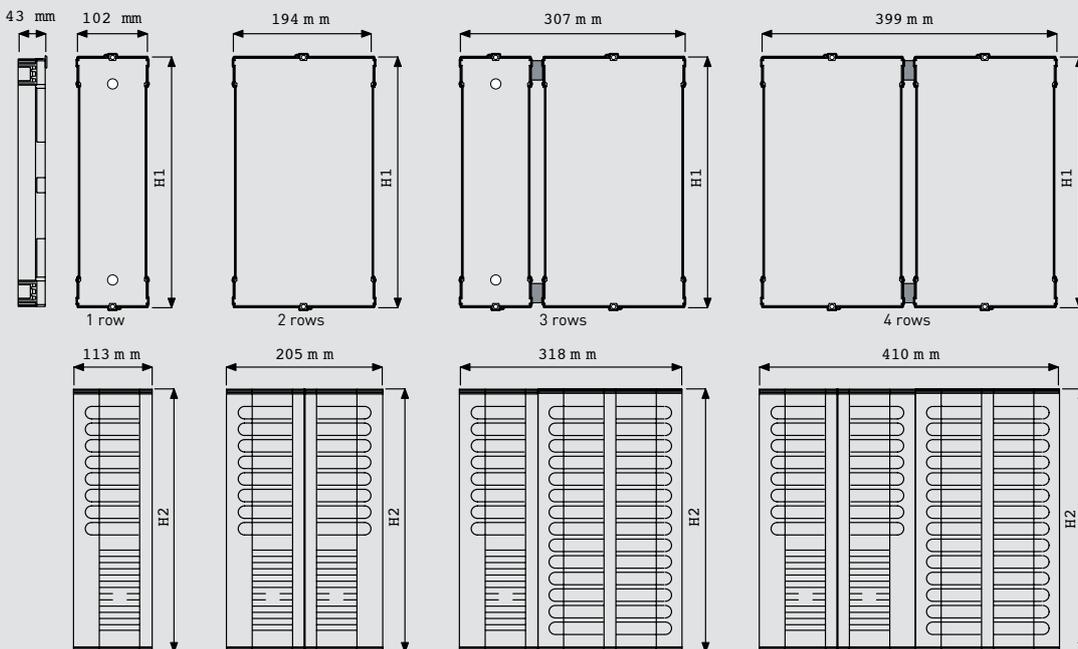


VANDAL RESISTANT VIDEO ENTRY PANEL

ELEKTA STEEL



FRONTALS, EMBEDDING BOXES

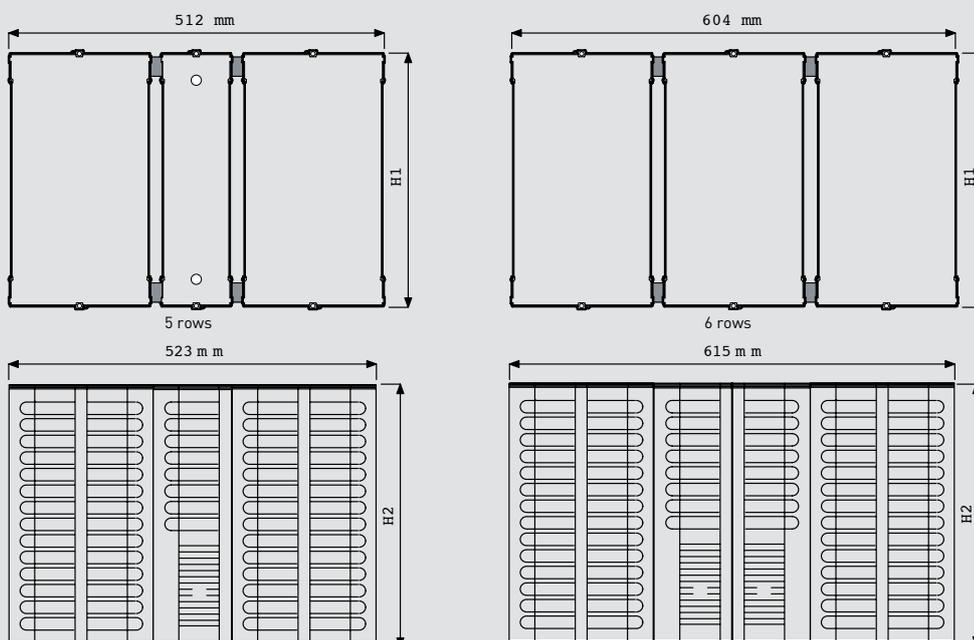


925

ENTRY PANELS

FRONTALS, EMBEDDING BOXES

925

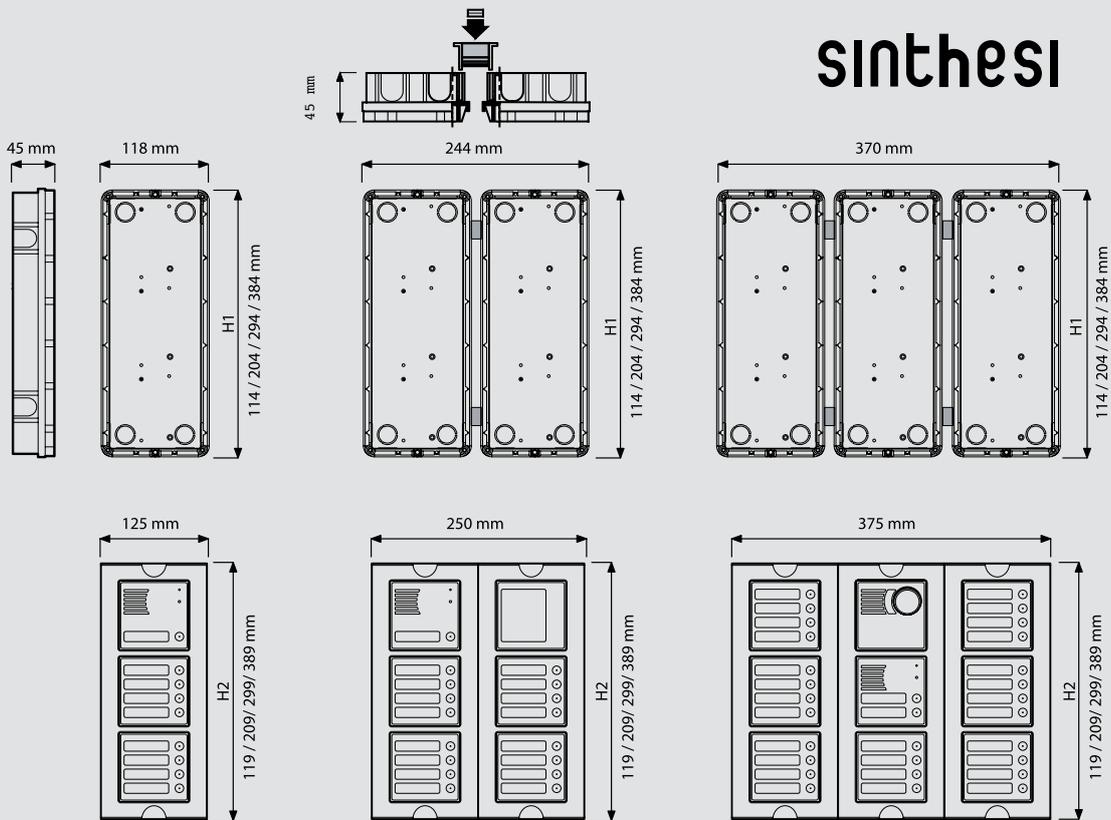


DIMENSIONS VIDEO DOOR PHONE SYSTEM

| Dimension HEIGHT | | | | Number of buttons on entry panel | | | | | |
|------------------|-------|----------|-------|----------------------------------|--------|--------|--------|--------|--------|
| Flush H1 | | Flush H2 | | 1 row | 2 rows | 3 rows | 4 rows | 5 rows | 6 rows |
| mm | mm | mm | inch | | | | | | |
| 297 | 11,69 | 312 | 12,28 | - | 4 | - | - | - | - |
| 321 | 12,64 | 336 | 13,23 | - | 6 | - | 30 | - | - |
| 345 | 13,58 | 360 | 14,17 | 1-2 | 8 | 27 | - | 53 | 60 |
| 369 | 14,53 | 384 | 15,12 | - | 10 | - | 38 | - | 66 |
| 393 | 15,47 | 408 | 16,06 | 3-4 | 12 | - | - | - | - |
| 417 | 16,42 | 432 | 17,01 | 5 | 14 | - | - | - | - |
| 441 | 17,36 | 456 | 17,95 | 6 | 16 | 40 | 50 | 74 | 84 |
| 465 | 18,31 | 480 | 18,90 | 7 | 18 | - | - | - | - |
| 489 | 19,25 | 504 | 19,84 | 8 | 20 | - | - | - | - |
| 513 | 20,19 | 528 | 20,79 | - | 22 | - | - | - | - |
| 537 | 21,14 | 552 | 21,73 | - | 24 | - | - | - | - |
| 561 | 22,08 | 576 | 22,68 | - | 26 | - | - | - | - |
| 585 | 23,03 | 600 | 23,62 | - | 28 | - | - | - | - |
| Dimension WIDTH | | Flush | mm | 10,2 | 194 | 307 | 399 | 512 | 604 |
| | | | inch | 4,01 | 7,64 | 12,08 | 15,71 | 20,16 | 23,78 |
| | | Front | mm | 113 | 205 | 318 | 410 | 523 | 615 |
| | | | inch | 5,23 | 8,07 | 12,52 | 16,14 | 20,59 | 24,21 |

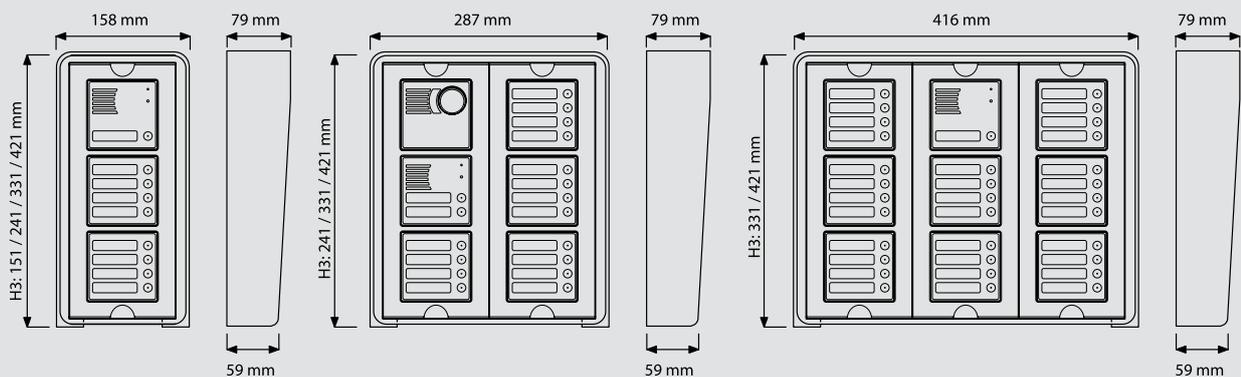
ENTRY PANELS

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.

ENTRY PANELS

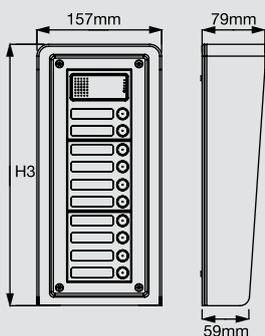
FLUSH-MOUNTED VERSION



synthesi
steel

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

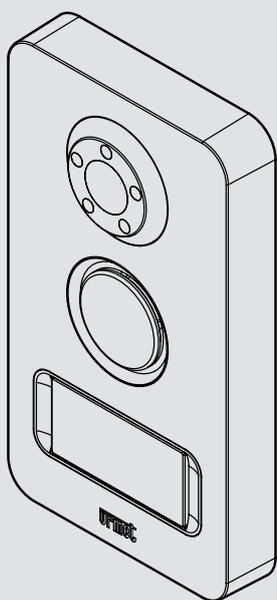
WALL-MOUNTED VERSION



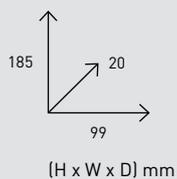
| | H3 |
|---------------|----------|
| For 1 module | 151,5 mm |
| For 2 modules | 241,5 mm |
| For 3 modules | 331,5 mm |
| For 4 modules | 421,5 mm |

ENTRY PANELS

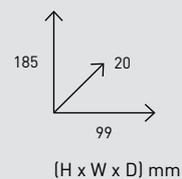
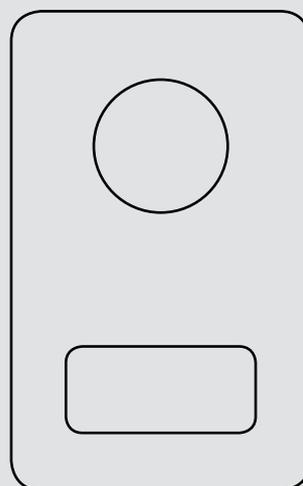
CURTAILED PANEL



mikra

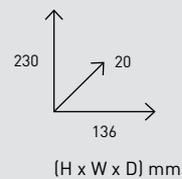
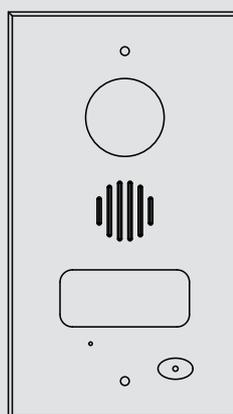
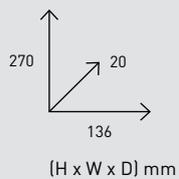
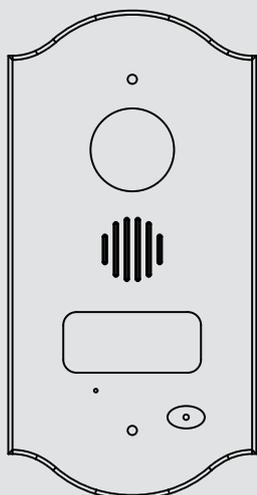


mikra AUDIO



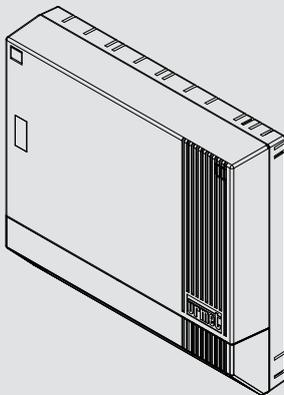
PANEL FACADE

mikra EXIGO

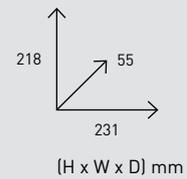


TELEPHONY

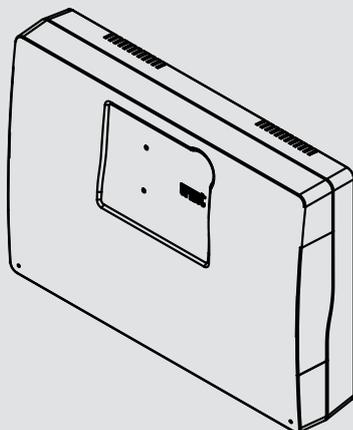
SWITCHBOARD



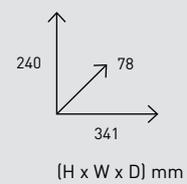
AGORÀ 2



SWITCHBOARD

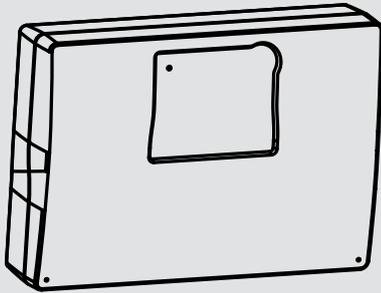


AGORÀ 4



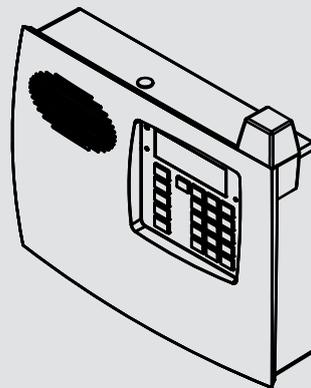
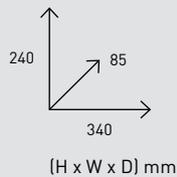
WIRED & WIRELESS INTRUSION ALARM SYSTEMS

CONTROL UNITS

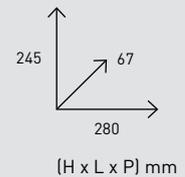


1061

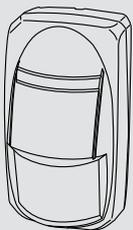
1061/004
1061/006
1061/103



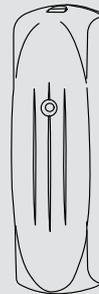
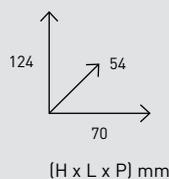
AGO



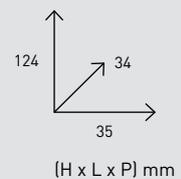
DETECTORS



1057/101

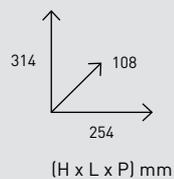
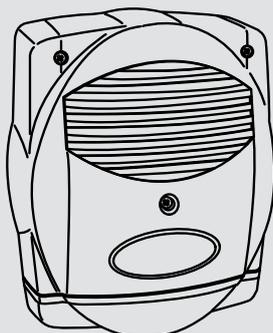


1057/201

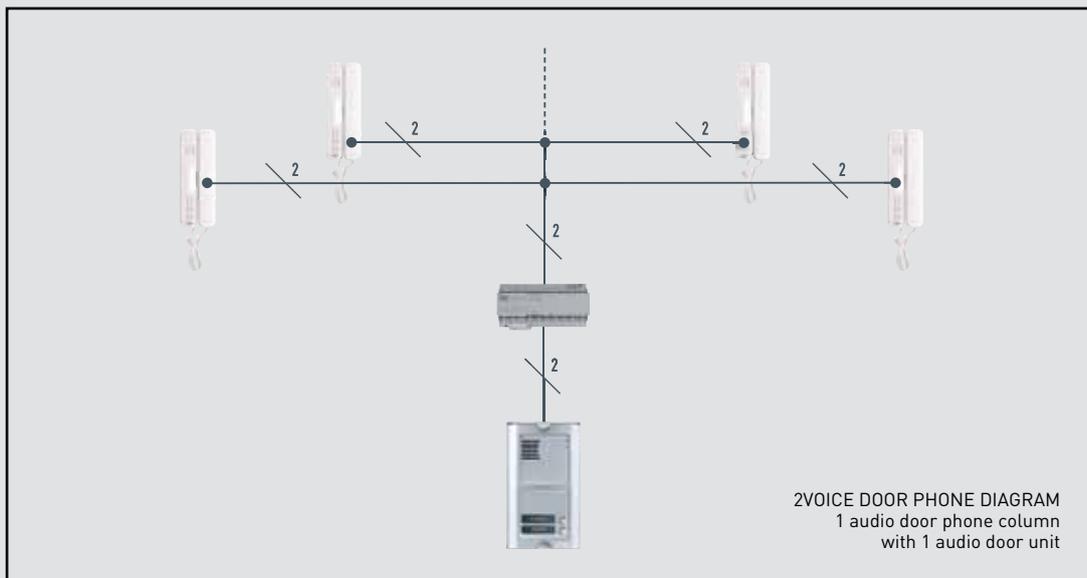


SIRENS

1057/405



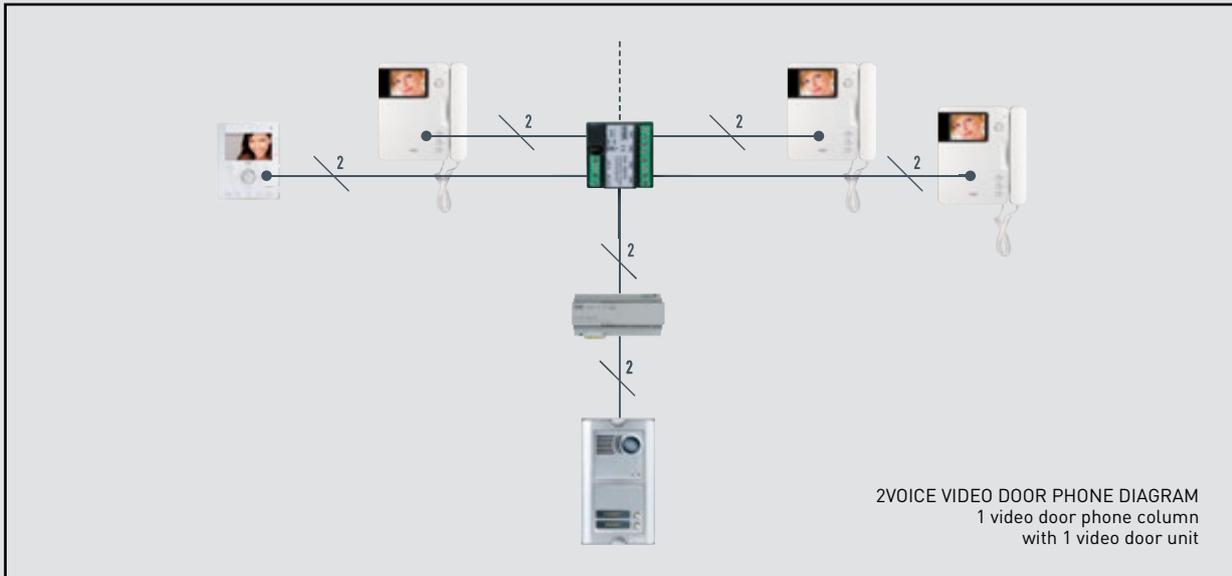
2VOICE SYSTEM



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 | 1083/20A | 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 | | | | 2 | | | 1 | 1 | 8 |
| 9 | 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 | | | | 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 |

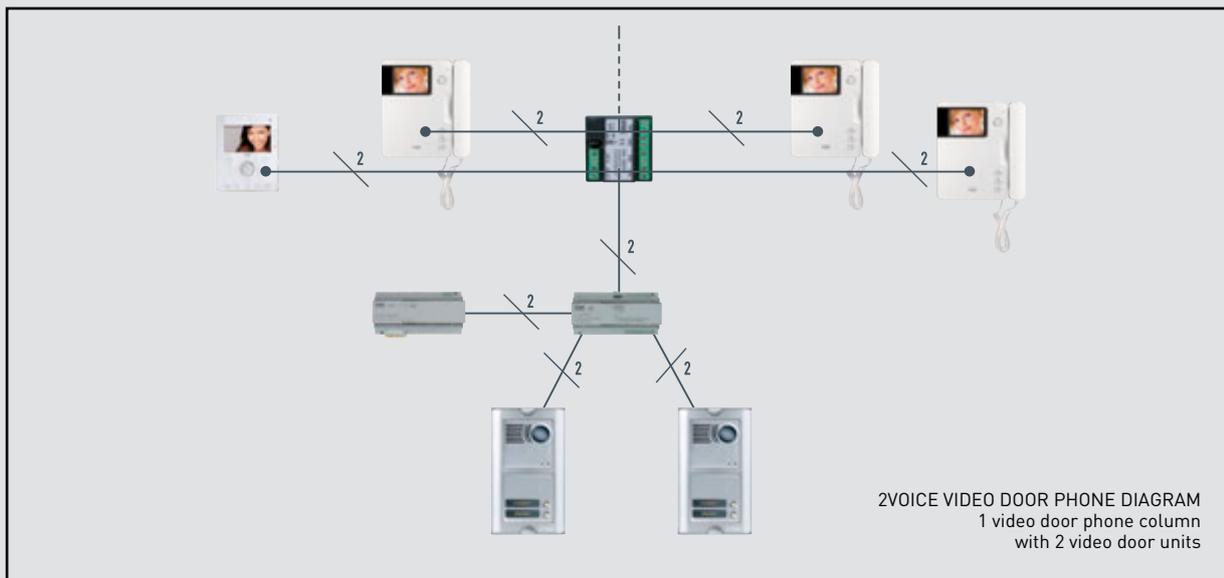
2VOICE SYSTEM



SINTHESI VIDEO PUSHBUTTON PANEL: FROM 1 TO 30 BUTTONS (SIGNO B/W AND COLOUR AND AIKO 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 | 1783/802 | SIGNO B/W 1740/713 | 1783/822 | SIGNO COLOUR 1740/753 | 1783/832 | AIKO COLOUR 1716/2 |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------------------|----------|--------------------------|----------|-----------------------|
| 2 | 1 | | | | | | | | | | | | | 1 | | 1 | | 1 | |
| 3 | | 1 | | 1 | | | | | | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | | 1 | | | 1 | | | | | 1 | | | 1 | 1 | 2 | 1 | 2 | 1 | 2 |
| 6 | | 1 | | | | | 1 | | | 1 | | | 1 | 1 | 4 | 1 | 4 | 1 | 4 |
| 8 | 1 | | | | 1 | | 1 | | 1 | | | | 1 | 1 | 6 | 1 | 6 | 1 | 6 |
| 9 | 1 | | | | | 1 | 1 | | 1 | | | | 2 | 1 | 7 | 1 | 7 | 1 | 7 |
| 10 | 1 | | | | | | 2 | | 1 | | | | 2 | 1 | 8 | 1 | 8 | 1 | 8 |
| 12 | | 2 | | | 1 | | 2 | 1 | | 2 | | | 2 | 1 | 10 | 1 | 10 | 1 | 10 |
| 14 | | 2 | | | | | 3 | 1 | | 2 | | | 3 | 1 | 12 | 1 | 12 | 1 | 12 |
| 15 | | 2 | | 1 | | | 3 | | | 2 | | | 3 | 1 | 13 | 1 | 13 | 1 | 13 |
| 16 | | 2 | | | 1 | | 3 | | | 2 | | | 3 | 1 | 14 | 1 | 14 | 1 | 14 |
| 18 | | 2 | | | | | 4 | | | 2 | | | 4 | 1 | 16 | 1 | 16 | 1 | 16 |
| 20 | | | 2 | | 1 | | 4 | 1 | | | 2 | | 4 | 2 | 18 | 1 | 18 | 1 | 18 |
| 21 | | | 2 | | | 1 | 4 | 1 | | | 2 | | 5 | 2 | 19 | 1 | 19 | 1 | 19 |
| 22 | | | 2 | | | | 5 | 1 | | | 2 | | 5 | 2 | 20 | 1 | 20 | 1 | 20 |
| 24 | | | 2 | | 1 | | 5 | | | | 2 | | 5 | 2 | 22 | 1 | 22 | 1 | 22 |
| 27 | | 3 | | 1 | | | 6 | | | 3 | | | 6 | 2 | 25 | 1 | 25 | 1 | 25 |
| 28 | | 3 | | | 1 | | 6 | | | 3 | | | 6 | 2 | 26 | 1 | 26 | 1 | 26 |
| 30 | | 3 | | | | | 7 | | | 3 | | | 7 | 2 | 28 | 1 | 28 | 1 | 28 |

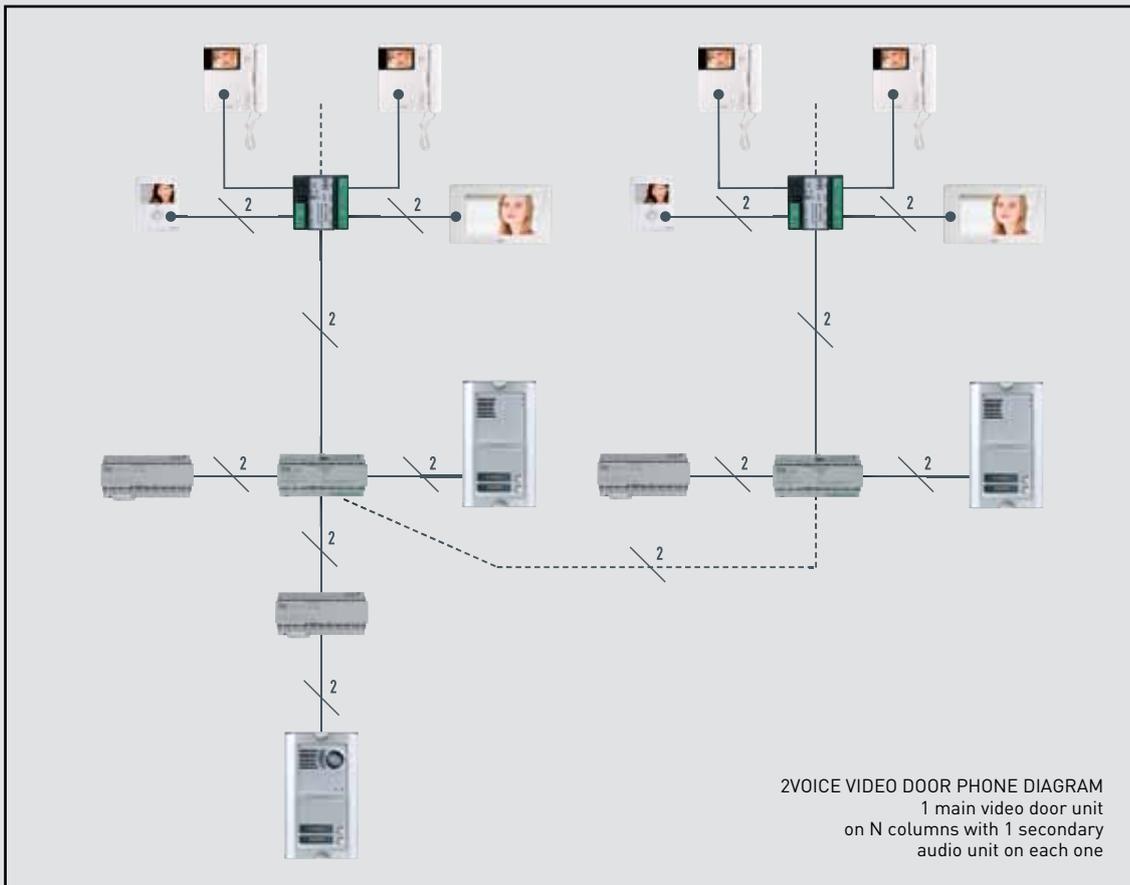
2VOICE SYSTEM



SINTHESI VIDEO PUSHBUTTON PANEL: FROM 1 TO 30 BUTTONS (SIGNO B/W AND COLOUR AND AIKO 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 | 1083/71 | 1083/50 | 1083/55 | 1038/17 | 1783/802 | SIGNO B/W 1740/713 | 1783/822 | SIGNO COLOUR 1740/763 | 1783/832 | AIKO COLOUR 1716/2 |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------------------|----------|--------------------------|----------|-----------------------|
| 2 | 1 | | | | | | | | 1 | | | 1 | 1 | 0 | | 1 | | 1 | | 1 | |
| 3 | | 2 | | 2 | | | | | | 2 | | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | | 2 | | | 2 | | | | | 2 | | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 2 |
| 6 | | 2 | | | | | 2 | | | 2 | | 1 | 1 | 1 | 2 | 1 | 4 | 1 | 4 | 1 | 4 |
| 8 | 2 | | | | 2 | | 2 | | 2 | | | 1 | 1 | 1 | 2 | 1 | 6 | 1 | 6 | 1 | 6 |
| 9 | 2 | | | | | 2 | 2 | | 2 | | | 1 | 1 | 2 | 2 | 1 | 7 | 1 | 7 | 1 | 7 |
| 10 | 2 | | | | | | 4 | | 2 | | | 1 | 1 | 2 | 2 | 1 | 8 | 1 | 8 | 1 | 8 |
| 12 | | 4 | | | 2 | | 4 | 1 | | 4 | | 1 | 1 | 2 | 2 | 1 | 10 | 1 | 10 | 1 | 10 |
| 14 | | 4 | | | | | 6 | 1 | | 4 | | 1 | 1 | 3 | 2 | 1 | 12 | 1 | 12 | 1 | 12 |
| 15 | | 4 | | 2 | | | 6 | | | 4 | | 1 | 1 | 3 | 2 | 1 | 13 | 1 | 13 | 1 | 13 |
| 16 | | 4 | | | 2 | | 6 | | | 4 | | 1 | 1 | 3 | 2 | 1 | 14 | 1 | 14 | 1 | 14 |
| 18 | | 4 | | | | | 8 | | | 4 | | 1 | 1 | 4 | 2 | 1 | 16 | 1 | 16 | 1 | 16 |
| 20 | | | 4 | | 2 | | 8 | 1 | | | 4 | 1 | 1 | 4 | 4 | 1 | 18 | 1 | 18 | 1 | 18 |
| 21 | | | 4 | | | 2 | 8 | 1 | | | 4 | 1 | 1 | 5 | 4 | 1 | 19 | 1 | 19 | 1 | 19 |
| 22 | | | 4 | | | | 10 | 1 | | | 4 | 1 | 1 | 5 | 4 | 1 | 20 | 1 | 20 | 1 | 20 |
| 24 | | | 4 | | 2 | | 10 | | | | 4 | 1 | 1 | 5 | 4 | 1 | 22 | 1 | 22 | 1 | 22 |
| 27 | | 6 | | 2 | | | 12 | | | 6 | | 1 | 1 | 6 | 4 | 1 | 25 | 1 | 25 | 1 | 25 |
| 28 | | 6 | | | 2 | | 12 | | | 6 | | 1 | 1 | 6 | 4 | 1 | 26 | 1 | 26 | 1 | 26 |
| 30 | | 6 | | | | | 14 | | | 6 | | 1 | 1 | 7 | 4 | 1 | 28 | 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 | 1083/20A |
|  |  |  |  |  |
| 1 | 1 | 1 | 1 | 1 |

2VOICE SYSTEM

SINTHESI VIDEO PUSHBUTTON PANEL: MAIN VIDEO DOOR UNIT WITH BUTTONS FROM 1 TO 30

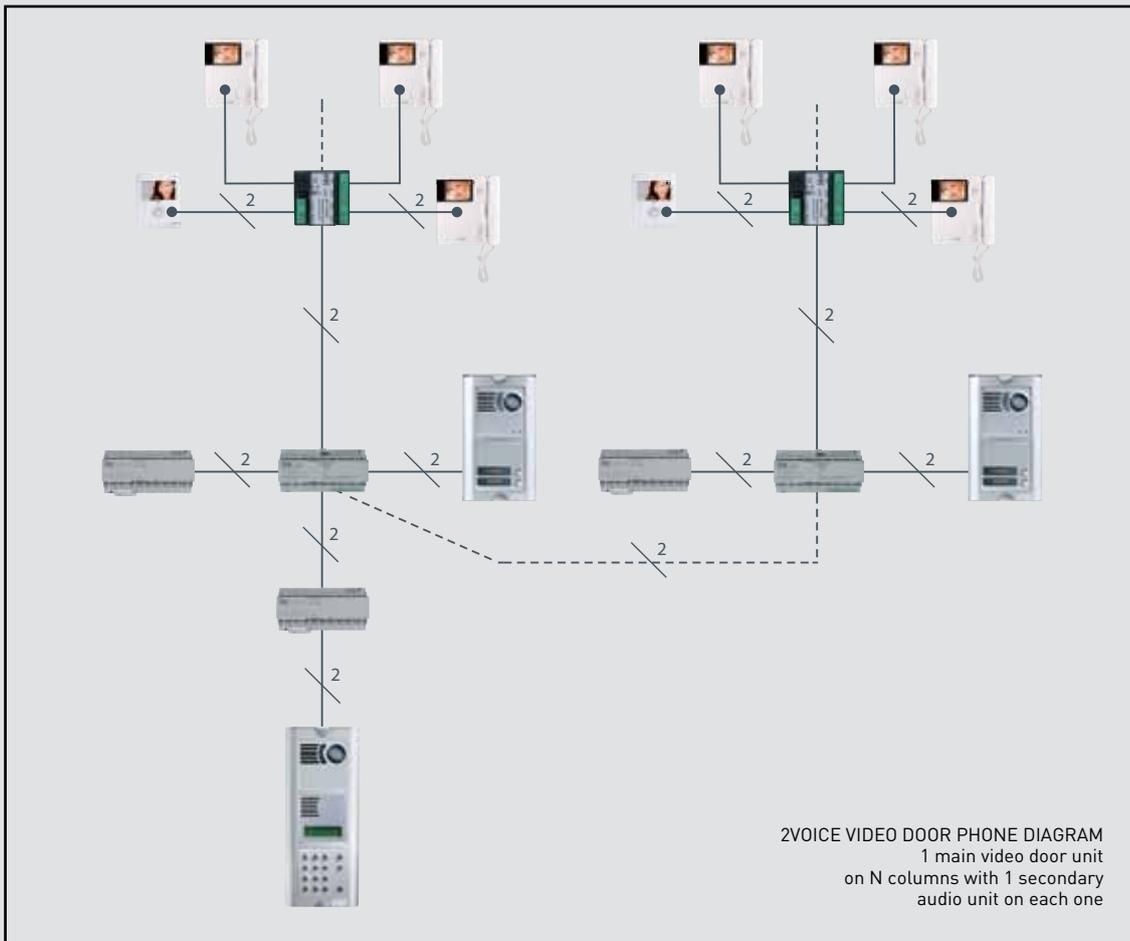
| NO. BUTTONS | 1083/71 | 1083/20A | 1145/62 | 1145/63 | 1145/64 | 1145/11 | 1145/12 | 1145/13 | 1145/14 | 1145/50 | 1145/52 | 1145/53 | 1145/54 | 1038/17 |
|-------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 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 AND AIKO COLOUR AND MODO MONITOR)

| NO. BUTTONS | 1083/71 | 1145/62 | 1145/63 | 1145/64 | 1145/11 | 1145/12 | 1145/13 | 1145/14 | 1145/50 | 1145/52 | 1145/53 | 1145/54 | 1038/17 | 1083/20A | 1083/50 | 1083/55 | SIGNO B/W 1740/713 | SIGNO COLOUR 1740/753 | AIKO COLOUR 1716/2 | MODO 1717/12 |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|-----------------------|--------------------------|-----------------------|-----------------|
| 2 | 1 | 1 | | | | | | | | 1 | | | | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| 3 | 1 | | 1 | | 1 | | | | | | 1 | | 1 | 1 | 1 | 1 | 3 | 3 | 3 | 3 |
| 4 | 1 | | 1 | | | 1 | | | | | 1 | | 1 | 1 | 1 | 1 | 4 | 4 | 4 | 4 |
| 6 | 1 | | 1 | | | | | 1 | | | 1 | | 1 | 1 | 1 | 2 | 6 | 6 | 6 | 6 |
| 8 | 1 | 2 | | | | 1 | | 1 | | 2 | | | 1 | 1 | 1 | 2 | 8 | 8 | 8 | 8 |
| 9 | 1 | | | 1 | | | 1 | 1 | | | | 1 | 1 | 1 | 1 | 3 | 9 | 9 | 9 | 9 |
| 10 | 1 | | | 1 | | | | 2 | | | | 1 | 1 | 1 | 1 | 3 | 10 | 10 | 10 | 10 |
| 12 | 1 | | 2 | | | 1 | | 2 | 1 | | 2 | | 1 | 1 | 1 | 3 | 12 | 12 | 12 | 12 |
| 14 | 1 | | 2 | | | | | 3 | 1 | | 2 | | 1 | 1 | 1 | 4 | 14 | 14 | 14 | 14 |
| 15 | 1 | | 2 | | 1 | | | 3 | | | 2 | | 1 | 1 | 1 | 4 | 15 | 15 | 15 | 15 |
| 16 | 1 | | 2 | | | 1 | | 3 | | | 2 | | 1 | 1 | 1 | 4 | 16 | 16 | 16 | 16 |
| 18 | 1 | | 2 | | | | | 4 | | | 2 | | 1 | 1 | 1 | 5 | 18 | 18 | 18 | 18 |
| 20 | 1 | | | 2 | | 1 | | 4 | 1 | | | 2 | 2 | 1 | 1 | 5 | 20 | 20 | 20 | 20 |
| 21 | 1 | | | 2 | | | 1 | 4 | 1 | | | 2 | 2 | 1 | 1 | 6 | 21 | 21 | 21 | 21 |
| 22 | 1 | | | 2 | | | | 5 | 1 | | | 2 | 2 | 1 | 1 | 6 | 22 | 22 | 22 | 22 |
| 24 | 1 | | | 2 | | 1 | | 5 | | | | 2 | 2 | 1 | 1 | 6 | 24 | 24 | 24 | 24 |
| 27 | 1 | | 3 | | 1 | | | 6 | | | 3 | | 2 | 1 | 1 | 7 | 27 | 27 | 27 | 27 |
| 28 | 1 | | 3 | | | 1 | | 6 | | | 3 | | 2 | 1 | 1 | 7 | 28 | 28 | 28 | 28 |
| 30 | 1 | | 3 | | | | | 7 | | | 3 | | 2 | 1 | 1 | 8 | 30 | 30 | 30 | 30 |

2VOICE SYSTEM



SINTHESI VIDEO PUSHBUTTON PANEL: MAIN VIDEO DOOR UNIT WITH DIGITAL KEYPAD

| | | | | |
|---------|---------|---------|---------|----------|
| 1083/13 | 1745/40 | 1145/63 | 1145/53 | 1083/20A |
| | | | | |
| 1 | 1 | 1 | 1 | 1 |

2VOICE SYSTEM

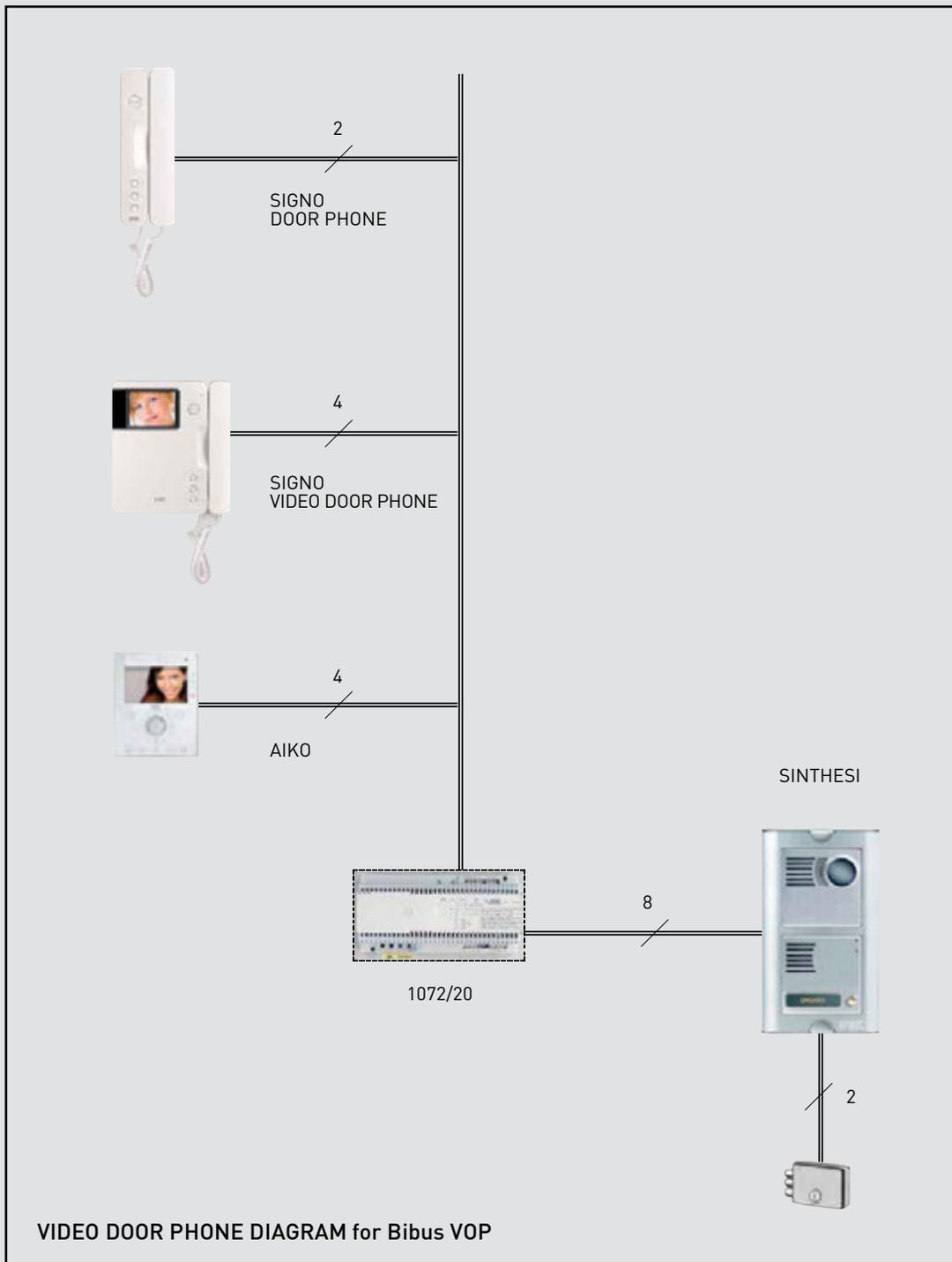
SINTHESI VIDEO PUSHBUTTON PANEL: MAIN VIDEO DOOR UNIT WITH BUTTONS FROM 1 TO 30

| NO. BUTTONS | 1083/71 | 1083/20A | 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 AND AIKO 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 | 1783/802 | SIGNO B/W 1740/713 | 1783/822 | SIGNO COLOUR 1740/753 | 1783/832 | AIKO COLOUR 1716/2 |
|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|-----------------------|----------|--------------------------|----------|-----------------------|
| 2 | | | | | | | | | | | | 0 | | 1 | 1 | | 1 | | 1 | |
| 3 | | 1 | | 1 | | | | | | 1 | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 4 | | 1 | | | 1 | | | | | 1 | | 1 | 1 | 1 | 1 | 2 | 1 | 2 | 1 | 2 |
| 6 | | 1 | | | | | 1 | | | 1 | | 1 | 1 | 1 | 1 | 4 | 1 | 4 | 1 | 4 |
| 8 | 1 | | | | 1 | | 1 | | 1 | | | 2 | 1 | 1 | 1 | 6 | 1 | 6 | 1 | 6 |
| 9 | 1 | | | | | 1 | 1 | | 1 | | | 2 | 1 | 1 | 1 | 7 | 1 | 7 | 1 | 7 |
| 10 | 1 | | | | | | 2 | | 1 | | | 2 | 1 | 1 | 1 | 8 | 1 | 8 | 1 | 8 |
| 12 | | 2 | | | 1 | | 2 | 1 | | 2 | | 3 | 1 | 1 | 1 | 10 | 1 | 10 | 1 | 10 |
| 14 | | 2 | | | | | 3 | 1 | | 2 | | 3 | 1 | 1 | 1 | 12 | 1 | 12 | 1 | 12 |
| 15 | | 2 | | 1 | | | 3 | | | 2 | | 4 | 1 | 1 | 1 | 13 | 1 | 13 | 1 | 13 |
| 16 | | 2 | | | 1 | | 3 | | | 2 | | 4 | 1 | 1 | 1 | 14 | 1 | 14 | 1 | 14 |
| 18 | | 2 | | | | | 4 | | | 2 | | 4 | 1 | 1 | 1 | 16 | 1 | 16 | 1 | 16 |
| 20 | | | 2 | | 1 | | 4 | 1 | | | 2 | 5 | 2 | 1 | 1 | 18 | 1 | 18 | 1 | 18 |
| 21 | | | 2 | | | 1 | 4 | 1 | | | 2 | 5 | 2 | 1 | 1 | 19 | 1 | 19 | 1 | 19 |
| 22 | | | 2 | | | | 5 | 1 | | | 2 | 5 | 2 | 1 | 1 | 20 | 1 | 20 | 1 | 20 |
| 24 | | | 2 | | 1 | | 5 | | | | 2 | 6 | 2 | 1 | 1 | 22 | 1 | 22 | 1 | 22 |
| 27 | | 3 | | 1 | | | 6 | | 3 | | | 7 | 2 | 1 | 1 | 25 | 1 | 25 | 1 | 25 |
| 28 | | 3 | | | 1 | | 6 | | 3 | | | 7 | 2 | 1 | 1 | 26 | 1 | 26 | 1 | 26 |
| 30 | | 3 | | | | | 7 | | 3 | | | 7 | 2 | 1 | 1 | 28 | 1 | 28 | 1 | 28 |

BIBUS VOP SYSTEM

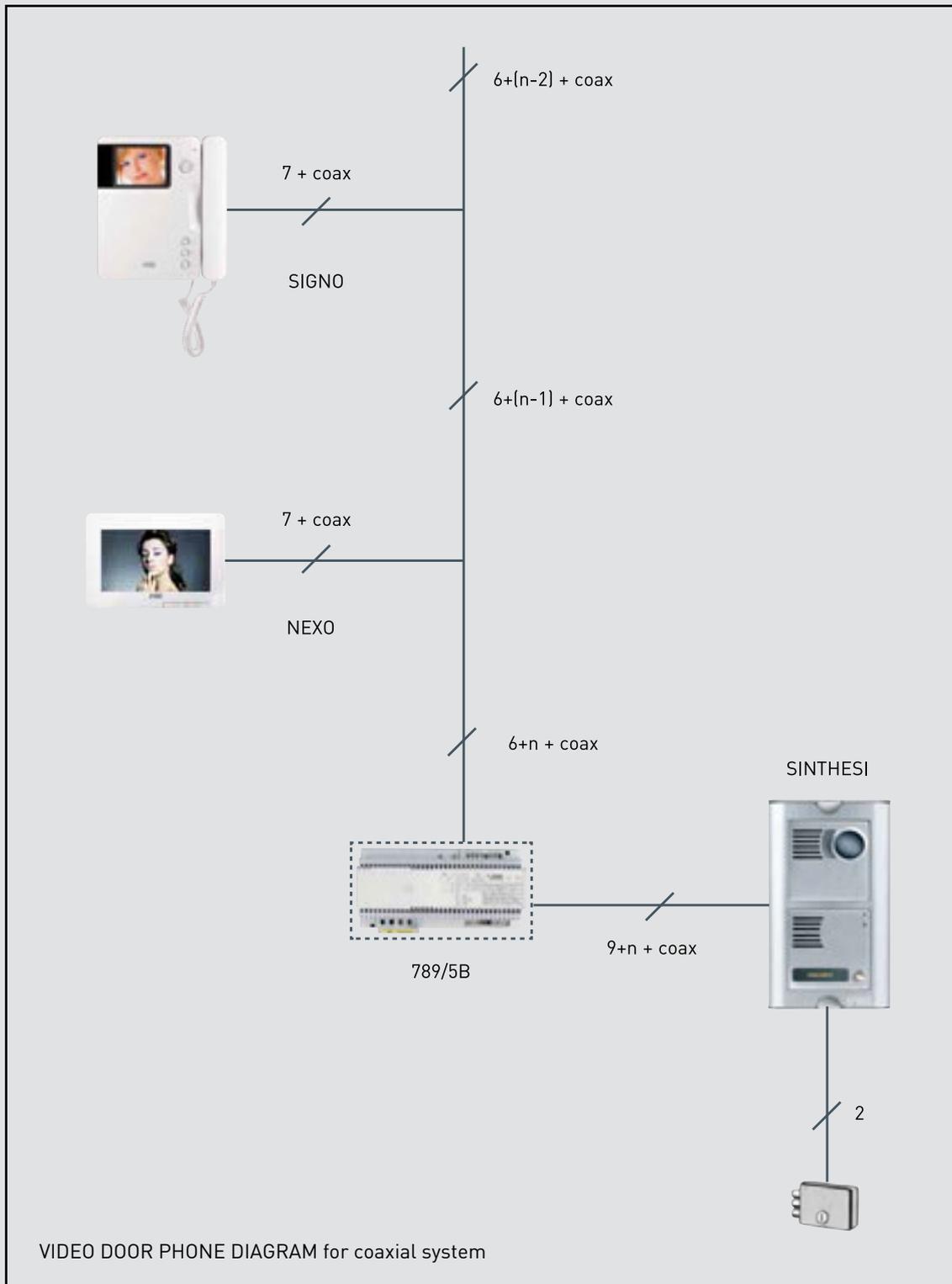


BIBUS VOP SYSTEM

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 | 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 | - | - | 5 | 5 | 6 | 6 | - | - | - | - | - |
| | 1145/14  | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 7 | 7 | 8 | 7 | 7 |
| | 1145/13  | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | - | - | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

COAX VIDEO DOOR PHONES



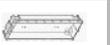
COAX VIDEO DOOR PHONES

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 | |
|---|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|---|
| SIGNO B/N | 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 | |
| FRAMES AND MODULE HOLDERS | 1145/64  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1145/63  | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1145/62  | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | - | - | - | - | - | - | |
| 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 | - | - | - | - | - | - | |
| SYSTEM BASE KIT | 1745/770  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |

COAX VIDEO DOOR PHONES

 **SINTHESI PUSHBUTTON PANEL: WITH COLOUR CAMERA FROM 1 TO 20 BUTTONS**
(SIGNO COLOURS, NEXO)

| 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 | |
| NEXO | 1708/1  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| P.E. | 1145/500  | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | 1 | 1 | - | 1 | - | - | |
| MODULE FOR P.E. | 1145/22  | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | 1 | - | 1 | - | - | |
| | 1145/20  | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | 1 | - | - | - | - | |
| TLC MODULE WITH P.E. | 1745/41  | 1 | - | 1 | 1 | 1 | - | 1 | 1 | 1 | - | 1 | 1 | 1 | - | - | 1 | - | 1 | - | 1 | |
| TLC MODULE | 1745/40  | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | 1 | 1 | - | 1 | - | - | |
| FRAMES AND MODULE HOLDERS | 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 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 1145/13  | - | - | - | 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
- ▲ Anthracite
- Platinum
-  Colour

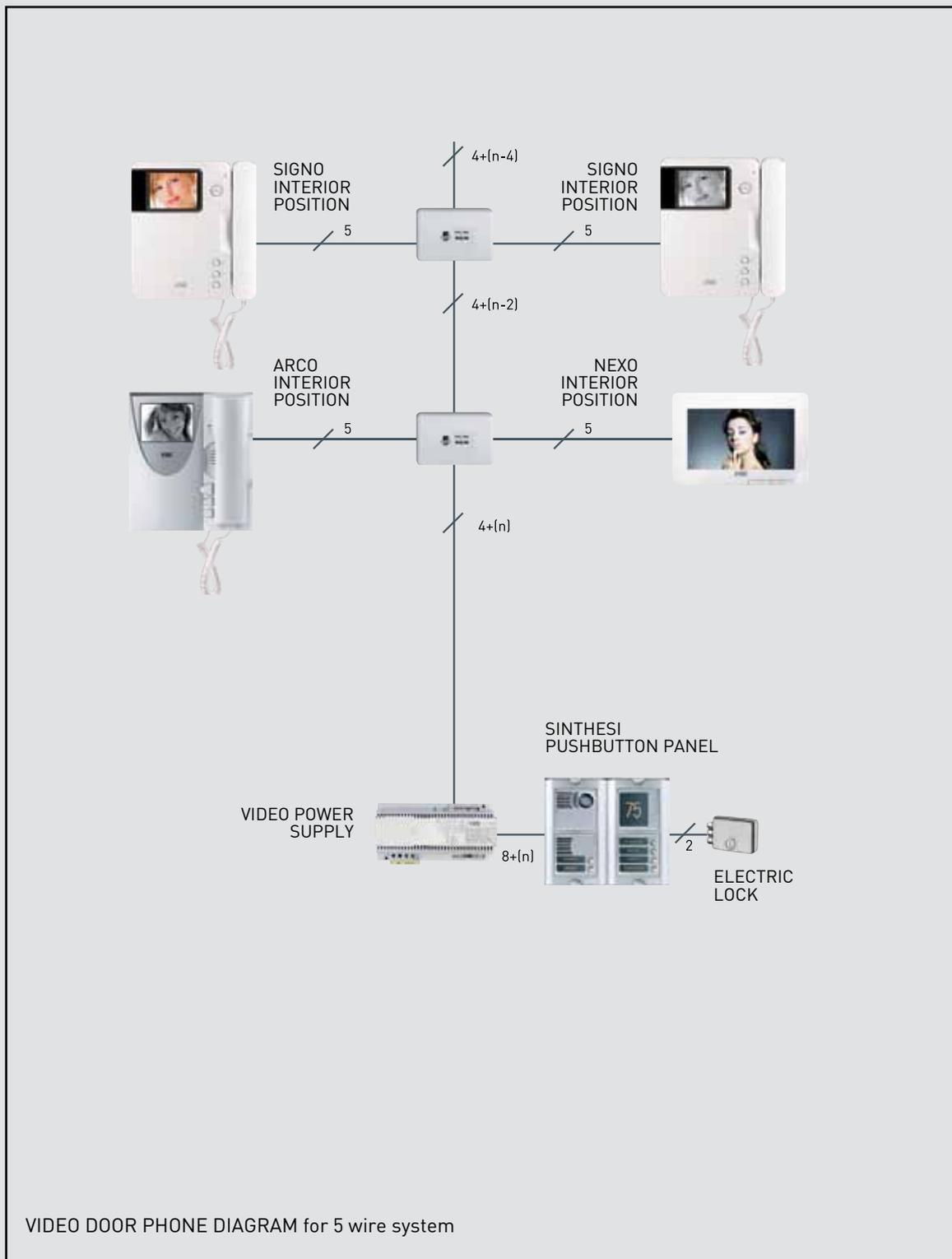
COAX VIDEO DOOR PHONES

 **SINTHESI STEEL PUSHBUTTON PANEL: WITH COLOUR CAMERA FROM 1 TO 20 BUTTONS**
 (SIGNO COLOURS, NEXO)

| 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 | |
| NEXO | 1708/1  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| P.E. | 1145/50  | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | 1 | 1 | - | 1 | - | - | |
| MODULE FOR P.E. | 1158/22  | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | 1 | - | 1 | - | - | |
| | 1158/20  | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | - | - | - | - | |
| TLC MODULE WITH P.E. | 1758/41  | 1 | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | - | 1 | 1 | 1 | - | - | - | 1 | - | 1 | 1 | |
| TLC MODULE | 1758/40  | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | 1 | 1 | - | 1 | - | - | |
| FRAMES AND MODULE HOLDERS | 1158/64  | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | |
| | 1158/63  | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1158/62  | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1158/61  | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MODULES WITH BUTTONS AND REPERTORY MODULE | 1158/59  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1158/50  | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | - | - | 1 | - | - | - | |
| | 1158/14  | - | - | - | - | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 |
| | 1158/13  | - | - | - | 1 | - | - | 1 | 1 | - | - | - | 1 | - | - | 1 | - | - | - | - | 1 | - |
| | 1158/12  | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | - | 1 | - | - |
| | 1158/11  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| EMBEDDING BOXES | 1158/54  | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | |
| | 1158/53  | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1158/52  | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1158/51  | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

-  White
-  Anthracite
-  Platinum
-  Colour

5 WIRES VIDEO DOOR PHONES



5 WIRES VIDEO DOOR PHONES

▲ SYNTHESI PUSHBUTTON PANEL: WITH COLOUR CAMERA FROM 1 TO 20 BUTTONS (SIGNO COLOURS, NEXO)

| 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 ■  | 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 |
| NEXO | 1708/955  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | 1708/1  | 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 |
| 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 | 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 |
| | 1145/14  | - | - | - | 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  | - | 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
- ▲ Anthracite
- 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 |
|--------------------------|--|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|
| SIGNO B/N | 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 |
| 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 | - | - | - | - | - | - | - | - | - | - |
| FRAMES AND MODULE HOLDER | 1145/59  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1145/50  | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 1145/14  | - | - | - | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 1 | 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 | 2 | - | - |
| | 1145/52  | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | - | - | - | - | - | - | - | - | - | - |
| SYSTEM BASE KIT | 1745/795  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

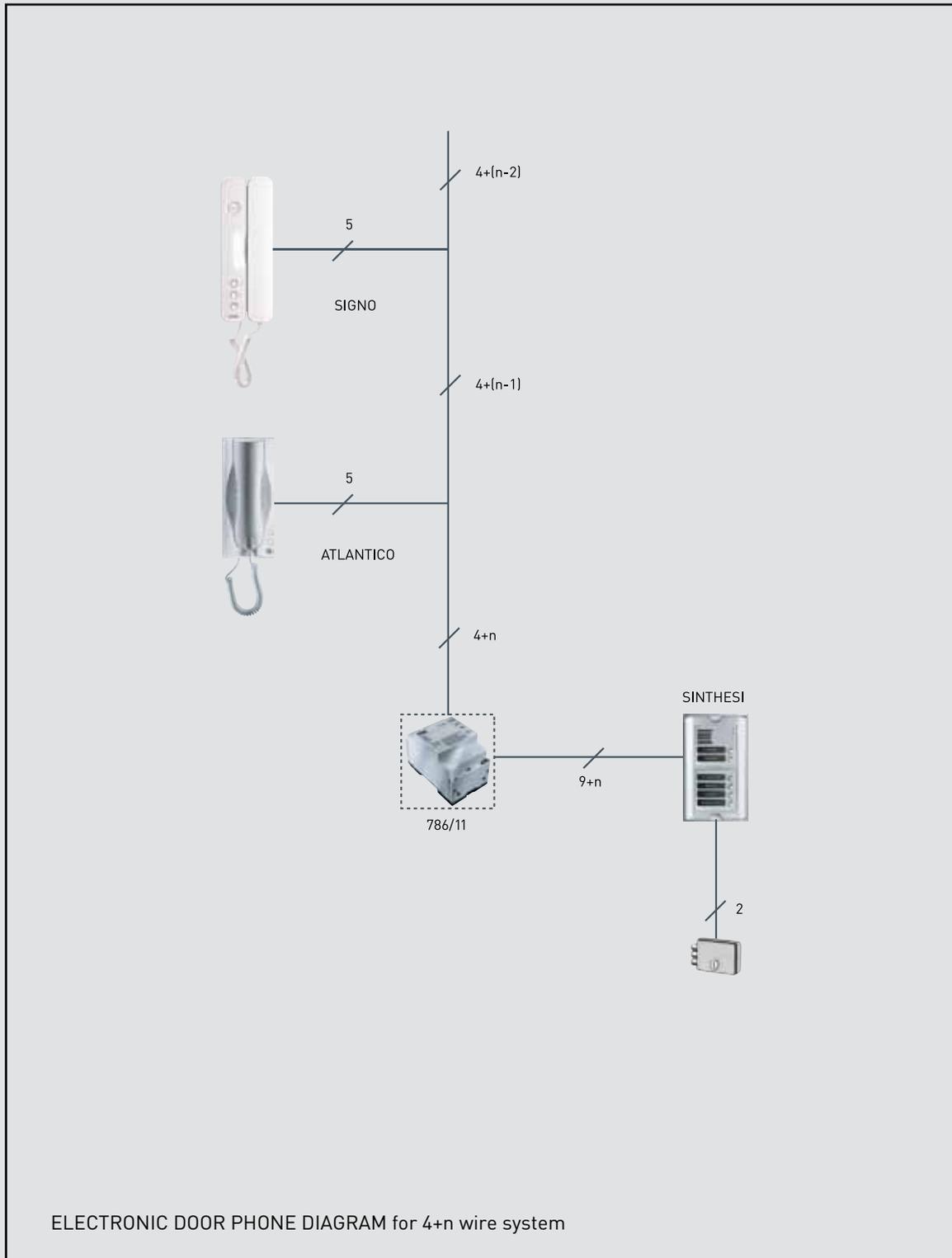
5 WIRES VIDEO DOOR PHONES

▲ SYNTHESI STEEL PUSHBUTTON PANEL: WITH COLOUR CAMERA FROM 1 TO 20 BUTTONS (SIGNO COLOURS, NEXO)

| 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 COLOUR | 1740/955  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| | 1740/40  ◻ | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| | 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 | |
| NEXO | 1708/955  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| | 1708/1  | 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 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | |
| ENTRY PANELS | 1145/67  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| MODULE FOR P.E. | 1158/21  | 1 | - | - | - | 1 | - | - | - | 1 | - | - | 1 | - | - | - | 1 | - | - | - | - | |
| | 1158/20  | - | 1 | 1 | 1 | - | 1 | 1 | 1 | - | 1 | 1 | 1 | - | 1 | 1 | 1 | - | 1 | 1 | 1 | |
| TLC MODULE | 1158/40  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | |
| SECRECY OF CONVERSATION | 1158/74  | - | - | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | |
| FRAMES AND MODULE HOLDER | 1158/64  | - | - | - | - | 1 | - | 1 | - | 1 | - | - | - | - | - | - | - | 2 | 2 | 2 | 2 | |
| | 1158/63  | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | - | - | - | |
| | 1158/62  | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1158/61  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| MODULES WITH BUTTONS AND REPERTORY MODULE | 1158/59  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1158/50  | - | - | - | - | - | - | - | - | - | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | |
| | 1158/14  | - | - | 1 | - | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 |
| | 1158/13  | - | - | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | 1 | 1 | - | - | 1 | - | |
| | 1158/12  | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | |
| | 1158/11  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| EMBEDDING BOXES | 1158/54  | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | 2 | 2 | 2 | 2 | |
| | 1158/53  | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | - | - | - | |
| | 1158/52  | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1158/51  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

- ◻ White
- ▲ Anthracite
- Platinum
- ▲ Colour

4+N DOOR PHONES



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 | - | - | - | - | - | - | |
| | 1145/53 | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1145/52 | - | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1145/51 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

- White
- ▲ Anthracite
- Platinum

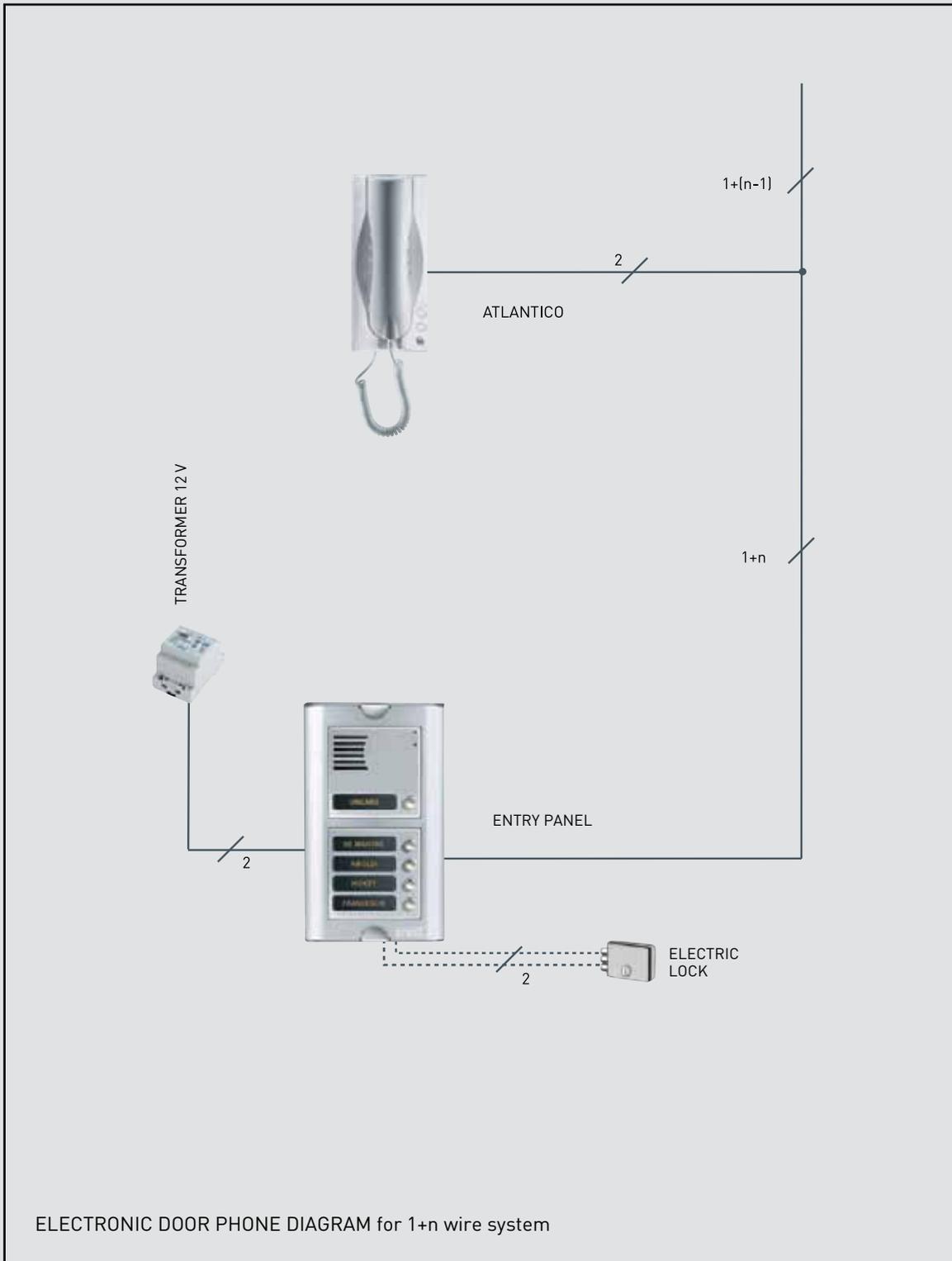
4+N DOOR PHONES

SINTHESI 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  1140/4  1140/42  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| POWER SUPPLY | 786A1  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| FRAMES AND MODULE HOLDER | 1158/64  | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 1158/63  | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1158/62  | - | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1158/61  | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MODULES WITH BUTTONS AND REPERTORY MODULE | 1158/59  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1158/50  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | |
| | 1158/14  | - | - | - | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 |
| | 1158/13  | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | 1 | - |
| | 1158/12  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1158A1  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| LOUDSPEAKING UNIT | 1145/80  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| MODULES ARRANGED FOR LOUDSPEAKING UNIT | 1158/22  | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | |
| | 1158/21  | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | |
| | 1158/20  | - | - | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 1 | - | - | 1 | 1 | |
| EMBEDDING BOXES | 1158/54  | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | |
| | 1158/53  | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1158/52  | - | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1158/51  | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

- White
- ▲ Anthracite
- Platinum

1+n DOOR PHONE



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 | 1 | 2 | 2 | 2 | - | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 |
| | 1145/13  | - | - | 1 | - | - | - | 1 | - | - | - | 1 | 2 | - | - | - | - | - | - | 1 | 1 | - |
| | 1145/12  | - | 1 | - | - | - | - | 1 | - | - | - | 1 | - | - | - | - | - | - | 1 | - | - | - |
| | 1145/11  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SECRECY OF CONVERSATION | 1145/74  | - | - | 1 | 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 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |

- White
- ▲ Anthracite
- Platinum

1+n DOOR PHONE

SINTHESI 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 | 1158/64  | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | |
| | 1158/63  | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1158/62  | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1158/61  | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MODULES WITH BUTTONS AND REPERTORY MODULE | 1158/59  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1158/50  | - | - | - | - | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | |
| | 1158/14  | - | - | - | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 |
| | 1158/13  | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | 1 | - | 1 | - |
| | 1158/12  | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - |
| | 1158/11  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| SECRECY OF CONVERSATION | 1145/74  | - | - | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 5 | |
| LOUDSPEAKING UNIT | 1145/67  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| MODULES ARRANGED FOR LOUDSPEAKING UNIT | 1158/22  | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| | 1158/21  | 1 | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 | - | - | 1 | - | - | - | - | |
| | 1158/20  | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| EMBEDDING BOXES | 1158/54  | - | - | - | - | - | - | - | - | - | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |
| | 1158/53  | - | - | - | - | - | 1 | 1 | 1 | 1 | - | - | - | - | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | 1158/52  | - | 1 | 1 | 1 | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| | 1158/51  | 1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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- Platinum





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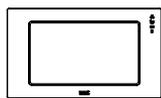
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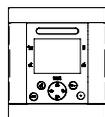
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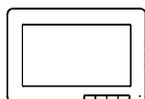
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AIKO 58 FOLIO 60



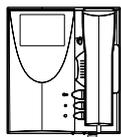
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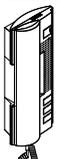
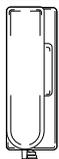
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ARCO 68 ATLANTICO 70

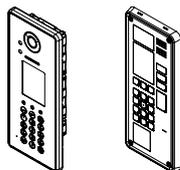


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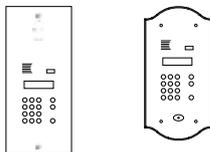


ENTRY PANELS

ELEKTA / ELEKTA STEEL 82/83



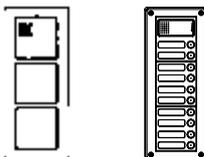
TITANIUM / TITANIUM SPECIAL 84/85



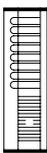
EXIGO CLASSIC / EXIGO SPECIAL 88/89



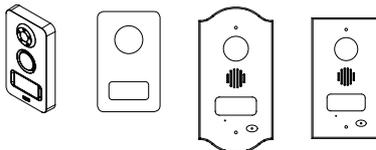
SINTHESI STEEL / SINTHESI 98/104



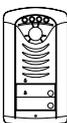
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MIKRA / MIKRA AUDIO / MIKRA EXIGO 114/115

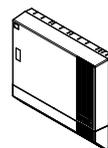


SMYLE 155

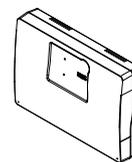


TELEPHONY

AGORÀ 2 120



AGORÀ 4 120



EGEO 126 4091/5 127



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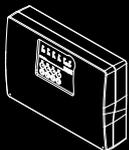


TELEPHONE INTERFACES 134



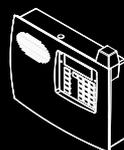
WIRED INTRUSION ALARM SYSTEM

1061 SYSTEM 164



WIRELESS INTRUSION ALARM SYSTEM

AGO SYSTEM 174



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