

Urmet is in your life.

Urmet is part of your life. Imagine a home or an office where a simple gesture or just a word can open up an infinity of practical and communication possibilities, where total security is an everyday reality. Now you can begin to understand just how much a part Urmet plays in all this. How much research and technology there is behind products which, at any mo-

ment of the day, are able to satisfy large and small needs. This is an approach - supporting our customers and installers - we have always adopted, providing technology and products that offer maximum efficacy and optimal simplicity. With instruments dedicated to improving and further simplifying this continually developing relationship.

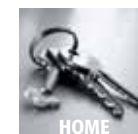


The Group

This is the Urmet Group's added value – a brand boasting a history of unprecedented innovation and integration, today able to put a single building into contact with itself and with thousands of others, conveniently and simply. More than 30 companies together, characterised by a common desire to conceive and construct solutions designed for buildings, from an entirely global point of view: homes, private and public offices, industries, stations, hotels, airports and shopping centres. Leading companies in their respective sectors of competence, able to provide easy-to-use products and systems offering reliability and quality. Companies which, taken together, form a sin-

gle and large design complex. Because Urmet's Divisions (HOME & BUILDING SOLUTIONS, SECURITY SOLUTIONS, INTEGRATED SECURITY SOLUTIONS and HOTEL & HEALTH-CARE MANAGEMENT SOLUTIONS) are not divided into isolated compartments but constantly collaborate in the development of common added value: as can be observed, day in day out, at the technological industrial centre for buildings.

Urmet is able to tackle, with innovative, integrated and coordinated ideas, all those technological aspects that comprise a "building", a home, or a workplace, on a human level and in line with his aspirations.



HOME



OFFICE



INDUSTRY



PUBLIC

HOME & BUILDING SOLUTIONS

Solutions for door phones, video door phones, telephony, environmental control and domotics.

SECURITY SOLUTIONS

Solutions for domestic and industrial security.

INTEGRATED SECURITY SOLUTIONS

Solutions for integrating Group systems and technologies and remote assistance.



FOLIO

Enchanting design and top technology. A unique creation, so slimline as to seem to penetrate the wall, also offering door phone between building residents without added buttons.

AGORÀ 2

A single product with three solutions: the modular PABX for 1-3 lines and up to 12 derivatives. Digital technology finally in the product price range normally proposed in analogue.



EXIGO

The revolution in the world of brass-finish entrance panels, in a completely customisable range, available for all system types. In polished and satin brass finishes.



E-DOME

The dome CCTV camera with LAN/WAN connection port, therefore controlled and manoeuvred via local network or the Internet using Client Software or Browser.



DUAL TECHNOLOGY DETECTOR

New range with an innovative and elegant design, and with high-tech performance (simultaneous infrared and microwave). IMQA I and II levels with Antimasking and Synchronisation functions

Urmet: design and technology in constant evolution



Never as in 2007 has the word 'new' been so rich in meaning.

For Urmet, the desire to respond to market evolution is consolidated in results that leave a tangible mark of its innovative skills, from all points of view: design, technology and marketed product range. So there are many surprises awaiting browsers of this catalogue. First and foremost, the innovative Folio, a product due to revolutionise the video door phone concept, especially in forming the basis for installation of the Urmet home management system.

Alongside Folio is the Agorà 2 PABX which, in a single solution, offers a modular exchange:

from 1 to 3 lines and up to 12 derivatives, by simply inserting a board.

And then there's the Exigo brass-finish entrance panel, new in its infinite customisation options and new in terms of its configuration: it has never been so easy and intuitive.

Leafing through the pages we find the E-Dome CCTV camera, dedicated to the development of networking security.

Or a new range of dual-technology detectors integrating top level performance, functional for both a small apartment or the most complex of installations.

Many new items, therefore, making this catalogue an open door to the future.

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CALL CENTER. For every question there is always an answer and a solution. We are fully aware that, at times, a simple phone call can immediately and quickly resolve an unforeseen event. Which is why we have reinforced the Call Center, ensuring it is lean and fully in line with market needs.

INTERNET. Increasingly, the network has been confirmed as an essential instrument in the relationship between a company and its interlocutors and Urmet's internet site is today very much at the leading edge as regards contents and interaction. The implementation and development of the Club In area confirm this since we believe in the power of this instrument, not least in the light of successful targeted and interactive accesses. A huge amount of material can be downloaded together with interesting updates in real time.

THE SALES NETWORK. This increasingly extensive diffusion of our sales network has been accompanied by continual efforts to improve Urmet's ability to promptly satisfy delivery schedules and, at the same time, increase dialogue between the questions posed by installers and the solutions offered by our product range and innovation.

DOMUS DRAW. This interactive CD has been confirmed as a powerful and essential instrument for the installer. Extremely useful in both the vital system design phase and the sensitive phase focusing on budgeting. Indeed, it is possible to fill in and send estimates in "non modifiable" PDF format. Domus Draw is, for the installer, the most important databank available, both for PDF catalogue and price list updates contained in the same, and because it contains all those products that are no longer set out in the catalogue, though still in production or in the warehouse.



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FOLIO
The line that achieves a perfect balance between design and technology. Available in classic and handsfree video door phone versions.



UTOPIA DOOR PHONE
The model which completes the line that continues to amaze due to its style, elegance and innovation.



ATLANTICO
An door phone with absolute clarity of line, flanked by perfect technological rationality. Designed by the architect, Michele De Lucchi. Suitable for any type of system, including 2GO! With telephonic type cable and connector.



1130
The classic door phone, again designed by Giugiaro, which can also be used in traditional door phone systems. In ivory or white.



UTOPIA VIDEO DOOR PHONE
The line that achieves a perfect balance between design and technology. Available in classic and handsfree video door phone versions.



ATLANTICO VIDEO DOOR PHONE
The video door phone in the Atlantico line, flanked by an extensive range of accessories and complements, which ensure it can be used in any system typology.



ARTICO
The video door phone with a creative and forceful line that makes for easy and immediate connection via wires.



SCAITEL 1732
Video module with flat 4" screen. This can be used in any system with electronic call. It can be installed via wall support or on a table.

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The range of Urmet video door phones and door phones is now one of the most complete on the market. With original characteristics in terms of both appearance and technology. With a view to increasingly strong integration with digital systems, expanding up to building communication formats, Urmet products offer ideal solutions for any kind of installation and any environment. With a common denominator that goes beyond appearance and technology, wrapped up in a single word: simplicity.

Style becomes more thinner.

The Utopia door phone, with its elegant design and particularly compact size, is ideal for a user with an eye for both style and progress.

This top model, which completes the Utopia range, includes a dedicated call speaker and 3 call volume levels (high, low, mute). Mute mode is signalled by a red indicator top left of the door phone.

Utopia has 3 supplementary buttons to control secondary services like: gate opening for vehicle transit, stair lights etc. Convenience and easy installation are guaranteed by the handset's telephonic type hook and cord with plug, which makes it possible to unhook the receiver from the door phone base.



A small red flag for mechanical communication of sound zeroing.



DOOR PHONES

● ■ 1134/1

Utopia door phone with electronic call for 4+n systems is provided with a supplementary button, as well as call volume adjustment with mute function. Pre-engineered for 2 additional buttons.

◆ ▲ 1134/35

The **Utopia door phone with electronic call for 1+n systems** is provided with a supplementary button, as well as call volume adjustment with mute function. Pre-engineered for 2 additional buttons.

⌘ 1138/4

Digivoice door phone on Utopia design. Fitted with 2 keys and additional services, it offers call volume adjustment and mute function with mechanical status indicator.

⌘ 1172/46

Bibus door phone on Utopia design. Fitted with 2 keys and additional services, it offers call volume adjustment and mute function with mechanical status indicator.



1134/1

ACCESSORIES

✓ 1134/50

Table mounting kit

● ◆ 1134/55

Package with 8 additional buttons

● 1134/5

Secret conversation device for 4+n systems



1134/55



Atlantico Door phone.
For those seeking more than the average format.

Atlantico is for the customer who is not content with a classic door phone and seeks a strong character. Why Atlantico revolutionises the door phone concept: thanks to its contours, designed by architect Michele De Lucchi, conceived to enhance the simplicity and essentiality of its lines. Atlantico's particular format is the fruit of in-depth ergonomic studies on human hand functions.

Atlantico adapts extremely easily to all system types, from '4+n' to 2GO!. The z uses a telephone cable and connector; the system connection terminal boards have carriage shift and telephone hook switch. Colours such as high-tech grey and anthracite enhance the profile.



Telephonic plug at the base of the door phone.

DOOR PHONE

- ■ 1133

White electronic door phone with door lock release key
White ABS case.

- ■ 1133/1

White electronic door phone with door lock release key and 1 service key
Pre-engineered for insertion of another 2 independent keys that can be used for intercom systems or auxiliary services (call to the entrance switchboard, opening of a secondary electric lock, etc.). White ABS case.

- ■ 1133/41

Anthracite electronic door phone with door-opening key and 3 service keys

- ■ 1133/42

High tech grey electronic door phone with door-opening key and 3 service keys

- ■ 1133/10

White electronic door phone with activation key on the hand-set and door lock release key
The voice communication key, which must be pressed during the conversation, avoids any disturbance to other door phones if the hand-set has not been replaced correctly. White ABS case.

- ■ 1133/20

White electronic door phone with 2 leds, 1 switching device
Makes it possible to mute the sound of the door bell, to check whether the entrance door has been left open through lighting up of a led, to automatically release the electric lock when the call is forwarded (particularly useful for doctors during surgery hours). White ABS case.

- ◆ ▲ 1133/35A

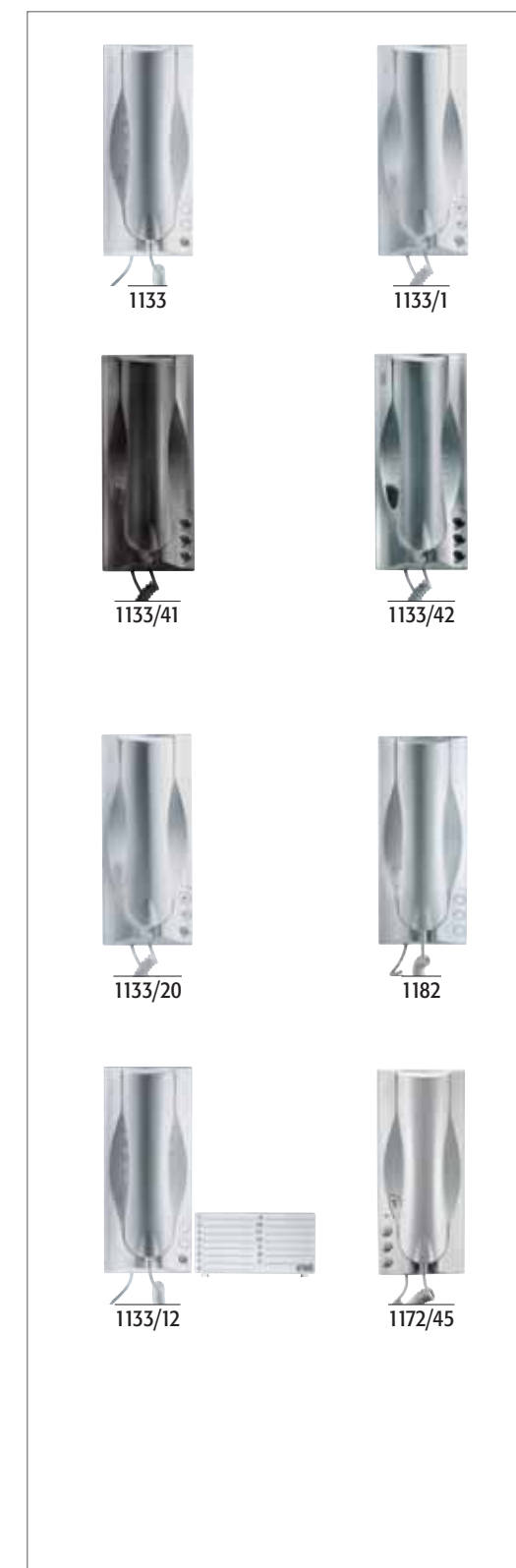
White electronic door phone with door lock release key and secrecy of conversation for "1+1" wire systems
White ABS casing. One standard supplementary service button. Other two buttons can be arranged.

- ■ 1133/12

12 button door phone
Can be used in intercom systems with up to 13 door phones. Three supplementary buttons or one switch and two LEDs (kit 1133/56) can be added.

- ⌘ 1182

Basic white door phone for 2GO! system
On Atlantico design, this is provided with a door-opening key plus 3 keys for additional services or for door phone calls. It is also provided with 3-position call adjustment, with mute function and mechanical communication of mute on/off. Preset for floor call and call repetition.



APARTMENT STATIONS

Atlantico mod. 1 133



DOOR PHONE

- X** 1172/40
Basic door phone with single decoder for Bibus system
White colour

- X** 1172/45
Single decoding comfort door phone for Bibus system
Atlantico design, white, provided with button for calls to concierge control unit, floor calls and button for supplementary service.
Makes it possible to set 6 different types of bells.

- X** 1138/3
Electronic door phone with two keys, white, for Digivoice system
Atlantico design.

ACCESSORIES

- ◆** 1133/56
Mute key + led kit
Makes it possible to mute the sound of the door bell, switching on a green led to indicate that muting has been activated and, on pre-engineered systems, to check whether the entrance door has been left open through lighting up of the red led.

- ◆** 1132/54*
Three tone chime kit
This device transforms the normal ringer into a three-tone chime.
12VDC power is required - Intake: 5 µA stand-by - 250 mA ringing

- ✓** 1133/50
Table-top mounting conversion kit

- ◆** 9854/54
Additional speaker
Housed inside Atlantico door phone to repeat call tone.

- 1132/53*
Adjustable ringer volume kit
This device can be used to adjust the volume of the ringer to three levels (low, medium and high).

- ◆** 1133/55
Set of 10 additional Keys

* Available to end of stock



1133/20
1133/50

APARTMENT STATIONS

mod. 1 130

urmet

APARTMENT
STATIONS

1 130 door phone.
Tradition is always
the latest fashion.

The 'Mod. 1130' door phone, designed by Giugiaro, is a classic product that can be used only in traditional door phone systems, with buzzer call.

It is available in ivory or white with a spiral cord, and can be installed on both walls and tables, using the appropriate accessories. In addition, it can be connected with an electromechanical 1-wire door phone control unit.

Its versatility also makes it suitable for replacing, in existing systems, 'Mod. 1030', 'Mod. 930', 'Mod. 730'.





DOOR PHONE

- **1130**
Door phone without keys, ivory.
ABS case dimensions (W x H x D): 77 x 218 x 56 mm.

- **1130/1**
Door phone with one service key, ivory.
Set-up for the addition of three additional independent buttons which can be used for intercoms or auxiliary services (calling the porter's lodge, switching the stairs lights on, opening a secondary electrical lock, etc.)
ABS case dimensions (W x H x D): 77 x 218 x 56 mm.

- **1130/50**
Door phone without keys, white.
ABS case dimensions (W x H x D): 77 x 218 x 56 mm.

- **1130/55**
Electronic door phone with insertion key on handset, white.
The insertion key must be pressed during the call to avoid disrupting the operation of other house phones if the handset is not hang up properly.
ABS case, dimensions (W x H x D): 77 x 218 x 56 mm.

SPARE PARTS

- **1130/101***
Set of six transparent covers with labels for REF. 1131/8 and REF. 1130/8 add-on units.

- **1130/102***
Cord, white for REF. 1130/50 and REF. 1130/55.

- **1130/107***
Ten additional buzzers for Mod. 1130 door phones

- **20014/1**
Transmitting capsule kit, with fast on connections, for intercom systems.

- **9330/12**
Call repeater relay
The device, fitted on a plate which can be clipped into the door phone base, is used when an additional power ringer is required in addition to the door phone buzzer.



* Available to end of stock.



ACCESSORIES

- **1130/12**
Socket with 12-wire cord
for table mounted door phones.

- **1130/19***
Socket with 19-wire cord
for table mounted door phones with add-on unit.

- **1130/120**
Table mounting kit
With white stand, socket and 12-wire cord.
Can be used as an alternative to 1130/12 in Mod. 1131 and Mod. 1130 house phones without add-on unit.

- **1130/100**
Set of 10 keys for REF. 1130/1 house phone.



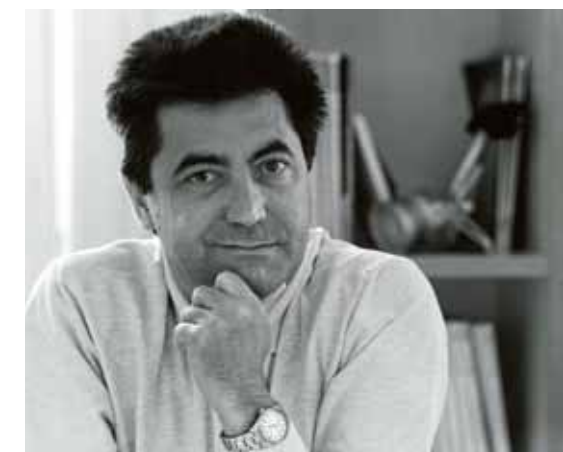
The new point of view for the video door phone is even slimmer.

Forget everything you know about video door phones and take a look from a new point of view: Folio from Urmet. Folio is not just a stylistic revolution but a new way of thinking about video door phones, since Folio is also an instrument that encompasses true integrated home management: today's video door phone, tomorrow's home manager.

Folio, first and foremost, is a flush-mounting handsfree colour monitor. Its aesthetics, matching the domestic socket, has a superlative simil-mpod glossy effect. All adjustments are carried out via the OSD (on screen display) menu, displayed by graphics icons and

implemented by a convenient 4-position joypad.

Folio makes it possible to call all users of the 2GO! system, using the internal index with names inserted by the user (just like a cell phone). This in turn makes it possible to interrogate the centralised video door phone secretary, and offers complete customisation: display themes and colours, together with ring tones for a variety of calls. Folio has keys dedicated solely to menu access, phonic activation/deactivation and door opening. In addition, it is provided with signal leds for automatic door opening ON, active phonics, door open and mute ON.



Antonio Citterio and Urmet, class synergy.

Antonio Citterio was born in Meda in 1950 and took his degree in architecture at Milan Polytechnic.

A protagonist of international renown in the industrial design sector, he currently collaborates with Italian and foreign companies like Albatross – Sanitec Group, Ansorg, Arclinea, Axor – Hansgrohe, B&B Italia, Flexform, Flos, Fusital, Guzzini, Iittala, Inدا, Kartell, Pozzi Ginori – Sanitec Group, Skantherm, Tre Più, Vitra.

In 1999 "Antonio Citterio and Partners" was founded, a multidisciplinary design studio for architecture, industrial design and graphics, with founding partners, Antonio Citterio and Patricia Viel. The studio develops commercial and residential complex projects, industrial factories, conservative restructuring of public buildings, planning of spaces for work, offices, showrooms, hotels. In addition, it is active in the company communication sector and realises graphics, decor and coordinated image projects. Recent design projects include: headquarters of Edel Music on the river Elba, headquarters of the Research and Development Centre with showroom and offices for B&B Italia in Novedrate, coordinated image project for De Beers (London, Tokyo, New York and Los

Angeles), Bulgari Hotel in Milan, restructuring of the historic Municipal Palace of Clusone, facing Piazza dell'Orologio; design for the headquarters of the pharmaceuticals company, GlaxoSmithKline, in Verona; designs for two monofamily residences, in Sardinia and in Switzerland.

The studio is also currently involved in the realisation of "Bulgari Hotels and Resorts" in Bali, a project for the new "Technogym Village" in Cesena (management centre, offices and production site), reconversion, in the accommodation structures and tertiary sector district, in Milan, of the Ex Riva Calzoni; a project for the new Busto Arsizio and Rozzano piazza; a project for the requalification of the Molo Guardiano south of the Port of Ravenna, after winning the architectonic competition announced by Ravenna Port Authority.



Have you ever seen anything slimmer than Folio? A superb aesthetic challenge: though only 5.5 mm thick, it contains all the technology Folio needs to be the most innovative flush-mounting handsfree video door phone. And since total thickness is only 9.5 mm, it is easy to see that our solution to the challenge has been a triumphant success.

Folio satisfies, in a few millimetres, all the very latest user expectations, at the very leading edge of video door phone evolution. For these customers, Urmet offers Folio, today's video door phone, and tomorrow's home manager

APARTMENT STATIONS

Folio mod.1706

Secretary, joypad and index:
The future is already here.

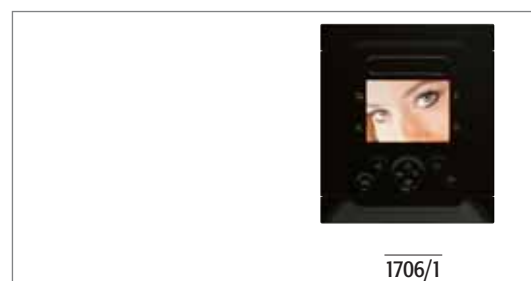
With Folio you can easily and immediately consult the super convenient centralised video door phone secretary in a 2GO! System, ensuring you always know who has been looking for you, reviewing the images in a true mini film. The 2GO! video door phone Secretary provides you with no less than 8 films, each lasting 7 seconds.

The colours and themes of Folio's display can be customised, as can the ring tones, and all management is carried out via graphics icons, accompanied by a text description, thereby optimally simplifying video door phone use.

With Folio you are always in touch: you can call all the other users in the 2GO! system, thanks to the internal index, which can contain 31 names, inserted by you, just as in cell phones.



Folio's 4-position ergonomic joypad makes it possible for you to explore and implement all functions, directly displaying them on the monitor. All management is carried out using graphics icons accompanied by a text description, thereby superbly simplifying video door phone use.



1706/1

BASIC ELEMENTS

- x **1706/1** ^{^^}

Folio handsfree colour video door phone with 3,5" Display
2GO! systems only bracket enclosed
Flush version with recused sizes (external part 170h x 148w x 10d mm)

- x **1706/60** ^{^^}

Embedding box for monitor 1706/1

^{^^} Available from March 2007

APARTMENT STATIONS

Utopia mod.1703

Utopia Video door phone.
Turning the home into a new world.

Utopia is for a customer wishing to combine a passion for design with the latest generation video door phone technology.

Its TFT 4" display guarantees sparkling, perfect vision from any angle. The call speaker is separate from that of the handset and call volume is adjustable. Via the "mute" function you can turn on a green LED on the monitor.

The door-opening button is backlit and remains on for as long as the display is active. On the other hand, a red light indicates the door is still open. On the monitor you can adjust: colour, brightness and contrast. 3 buttons are available for additional services, e.g. secondary door opening or stair lights on in the version with handset, whilst in the handsfree version there are 2 additional buttons.

The handsfree version, also available in white, can be wall-embedded.



Volume adjustment, contrast and colour commands hidden under the retractable hatch.

An extensive range of interchangeable colours to customise your Utopia video door phone.



BASIC ELEMENTS

- ✓ **1703/1**

Utopia colour video door phone with TFT 4" Display
Dimensions: (L x A x D) 180 x 228 x 55 mm (surface mounting)

- x ■ **1703/2**

Utopia handsfree colour video door phone with TFT 4" Display
Wall embedded installation possible using the Ref. 1703/60 box.
Dimensions: 143 x 225 x 53 mm

- x ■ **1703/3**

Utopia handsfree colour video door phone with TFT 4" Display, white casing
Wall embedded installation possible using the Ref. 1703/60 box.
Dimensions: 143 x 225 x 53 mm (white colour)



1703/2
(wall embedded installation)

1703/3



BASIC ELEMENTS

- 1703/19

Utopia colour video door phone with TFT 4" display, 60 Hz.
Dimensions: (L x A x D) 180 x 228 x 55 mm

- ✕ 1703/29

Utopia handsfree colour video door phone with TFT 4" Display, 60 Hz.
Wall embedded installation possible using the Ref. 1703/60 box.
Dimensions: 143 x 225 x 53 mm

ACCESSORIES

- 1703/90

Bracket for systems with coaxial cable for video door phone Ref. 1703/1 and 1703/19

- ▲ 1703/955

Bracket for 5 wire systems without coaxial cable for video door phone
Ref. 1703/1 and 1703/19

- 1703/91

Bracket for systems with coaxial cable for video door phone Ref. 1703/2 and 1703/29

- ✕ 1703/92

Bracket for Digivoice system for Ref. 1703/1 and 1703/19

- 1703/93

Bracket for coaxial video system for Ref. 1703/3

- ✕ 1703/94

Bracket for Digivoice system for Ref. 1703/2 and 1703/29

- ✓ 1703/60

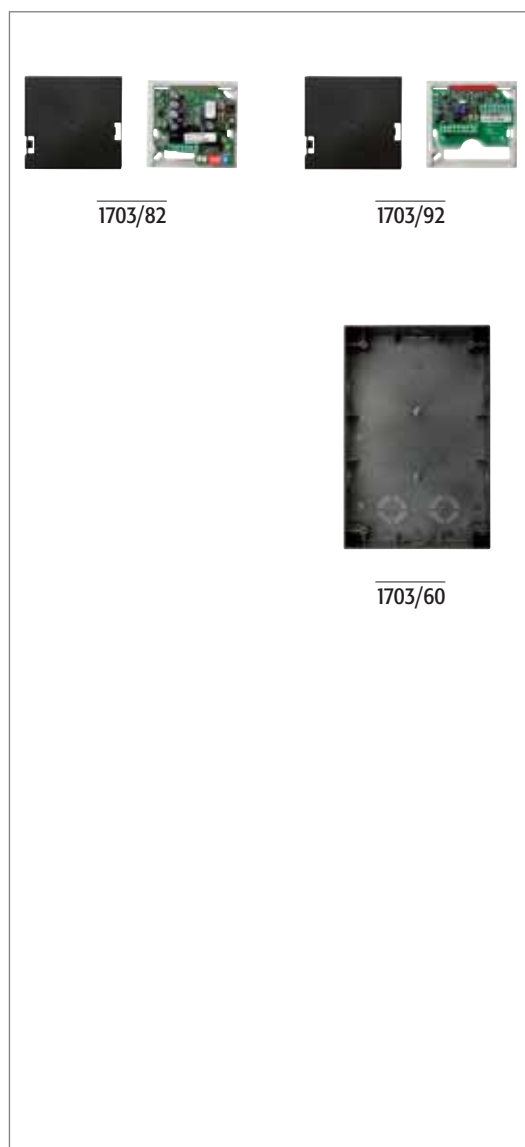
Embedded box for video door phone Ref. 1703/2 and 1703/3 and 1703/29

- ✕ 1703/82

Bracket for Utopia monitor for 2GO! systems
Preset for scheduled call and repeat call for
video door phone Ref. 1703/1 and 1703/19

- ✕ 1703/701

Utopia bracket kit for 2GO! systems
Comprising Ref. 1703/82 bracket and Ref. 1082/51 monouility distributor
for Ref. 1703/1 and 1703/19 video door phone



ACCESSORIES

- ✓ 1703/51

Pale yellow slide covers
Lower and higher hatch kit which can be used on all UTOPIA
Mod. 1703 video door phones

- ✓ 1703/52

Pearly matt green slide covers
Lower and higher hatch kit which can be used on all UTOPIA
Mod. 1703 video door phones

- ✓ 1703/53

Blackish grey slide covers
Lower and higher hatch kit which can be used on all UTOPIA
Mod. 1703 video door phones

SPARE PARTS

- 1703/101

Handset with cord for Ref. 1703/1



Atlantico Video door phone.
Colour or black-white:
you choose the design and technology.

Atlantico by Urmet was designed to adapt to any architectural or furnishing context. Its modern, uncluttered design (De Lucchi) enriched by the option to customise the supplied template. Atlantico is an electric video door phone that guarantees simple, rapid installation, designed to adapt with extreme ease to all system types, from '4+n' to 2GO!, either wall-fitted or table-top via the special optional table modification. It is provided with a backlit door-opening button, 2 supplementary buttons for door phone communication or auxiliary services (stair lights on, extra door opening etc.) and volume adjustment with MUTE. The "Mute" excludes the call and at the same time a red signal appears.

Atlantico is available in colour with 4" TFT (liquid crystal) display; or with a flat 4" black-white screen. Installation is simple: wiring is carried out via terminal boards with carriage shift located on special brackets, to which the monitor is attached. Thanks to its technology, Atlantico has a reduced projection which in turn makes direct installation possible on a wall support without the need for embedding.





Volume adjustment.



Backlit door-opening key.

COLOUR VIDEO DOORPHONE

- ✓ 1702/40  Atlantico colour monitor with back-lit door release key and 2 service keys. White ABS casing. Dimensions (W x H x D): 218 x 220 x 80 mm.
- ✓ 1702/49  Atlantico colour monitor with back-lit door release key and 2 service keys, 60Hz. White ABS casing. Dimensions (W x H x D): 218 x 220 x 80 mm.



B/W VIDEO DOORPHONE

- ✓ 1702/1 Atlantico monitor with back-lit door release key and 2 service keys. White ABS casing. Dimensions (W x H x D) 218 x 220 x 80 mm.
- ✓ 1702/41 Anthracite colour Atlantico monitor
- ✓ 1702/42 High tech grey Atlantico monitor
- ▲ ■ ✕ 1702/18 Atlantico monitor with back-lit door release key and 2 service keys for 60Hz system. White ABS casing. Dimensions (W x H x D) 218 x 220 x 80 mm.

ACCESSORIES

- ✕ 1702/82 Bracket for Atlantico monitor for 2GO! systems. Pre-engineered for call to the floor and for call repeat.
- ✕ 1702/701 Atlantico bracket kit for 2GO! systems, c/w distributor
- ✕ 1202/954 Atlantico bracket for Bibus V.O.P. digital systems
- ✕ 1202/98 Atlantico bracket for Digivoice systems



ACCESSORIES



1702/1
1702/90



1702/50

- 1202/90
Atlantico bracket for analogue systems
with coax cable.

- ▲ 1202/955
Atlantico bracket for 5-wire analogue systems.

- 1202/95
Atlantico bracket with call secrecy device for systems with coax cable
Pre-engineered for insertion of the extra buzzer Ref. 9854/52 or three-tone chime Ref. 1132/54. The Ref. 5330/60 de-activation device must be inserted in the entrance panel.

- 1702/86
Add-on with 1 switching device, 2 leds and 6 keys c/w bracket for Atlantico
The switching device makes it possible to inhibit the sound of the call (indicated by a green light) and, on specifically pre-engineered systems, to check whether the entrance door has been left open (indicated by a red light). The 6 keys can be used for intercom services. White ABS casing.

- ✘ 1082/96
Atlantico add-on module for 2GO! system
To be used for intercommunication services where more than 2 calls are required or for any additional services via activation of specific decodings. Provided with 6 buttons for the said functions, it also has a commutator and 2 leds for activation (and relative indication) of the automatic door opening service and open door communication.

- ✓ 1702/92
Tabletop support for monitor without add-on, white.

- 1132/54*
Three-tone chime kit for Atlantico monitor
Transforms the normal call tone into a three-tone chime. Must be powered at 12Vdc. Power take-off: 5mA on stand-by : 250mA during call.

- ✓ 9854/52
Extra electronic buzzer for Atlantico monitor (BUZZER)
Small module to be inserted inside the apartment station for call differentiation in systems with outside door speaker unit and intercom service. Power supply 12Vac. Power take-off during call 15mA.

- ◆ ▲ ■ 9854/53
Add-on device for floor call for Atlantico monitor
Small module to be inserted inside the bracket. Two-tone call.

- ✓ 1702/50
Kit of 5 faceplates + glass. Green, gray, salmon pink, yellow, blue

SPARE PARTS

- ▲ 1202/591*
Bracket for replacement of Ranger
video doorphones in 5-wire systems with Atlantico.

- 1202/590
Bracket for replacement of Ranger video doorphones
Used to replace the Ranger monitor with the Atlantico monitor in pre-existing coax systems.

- ▲ 1855/955*
Bracket for Winspot color monitor
with connector for video door entrance panel systems with 5 wires.

- ✓ 1702/101
Handset with cord for monitor and Atlantico doorphone

* Available to end of stock.



Versatility goes hand in hand with a video door phone.



Artico is the video door phone with a forceful line that makes it possible to achieve extremely simple system wiring. Thanks to that its specific brackets provided with shift terminals, installation can be carried out quickly. Artico is provided with a door-opening button, two service buttons for door phone or auxiliary use (stair lights on, extra lock opening etc.), call volume adjustment with mute option and red call block indicator.



It is possible to customise Artico with an elegant sky blue or smoke-grey screen.

VIDEO DOOR PHONES

- ✓ 1705/1
Artico with door-opening key and 2 service keys
White ABS casing. Dimensions h 230 x l 200 x D 83 mm

- ✓ 1705/18
Artico with door-opening key and 2 service keys, 60Hz.
White ABS casing. Dimensions h 230 x l 200 x D 83 mm

ACCESSORIES

- ⌘ 1705/82
Artico bracket for 2GO! system
Pre-engineered for scheduled call and call repetition.

- ⌘ 1705/701
Artico bracket Kit for 2GO! system
Includes the Ref. 1704/82 bracket and Ref. 1082/51 monouility distributor.

- ⌘ 1705/954
Bibus V.O.P. bracket for Artico monitor
Installation with just 4 non polarised wires both in riser and in apartment.
Six different bells can be selected for the Video door phone call and scheduled call.

- ⌘ 1705/92
Artico bracket for Digivoice systems
Makes it possible to realise Digivoice video installations using Artico Ref. 1705/1 monitors. To be used with the Ref. 1038/35 and Ref. 1038/38 decoders.

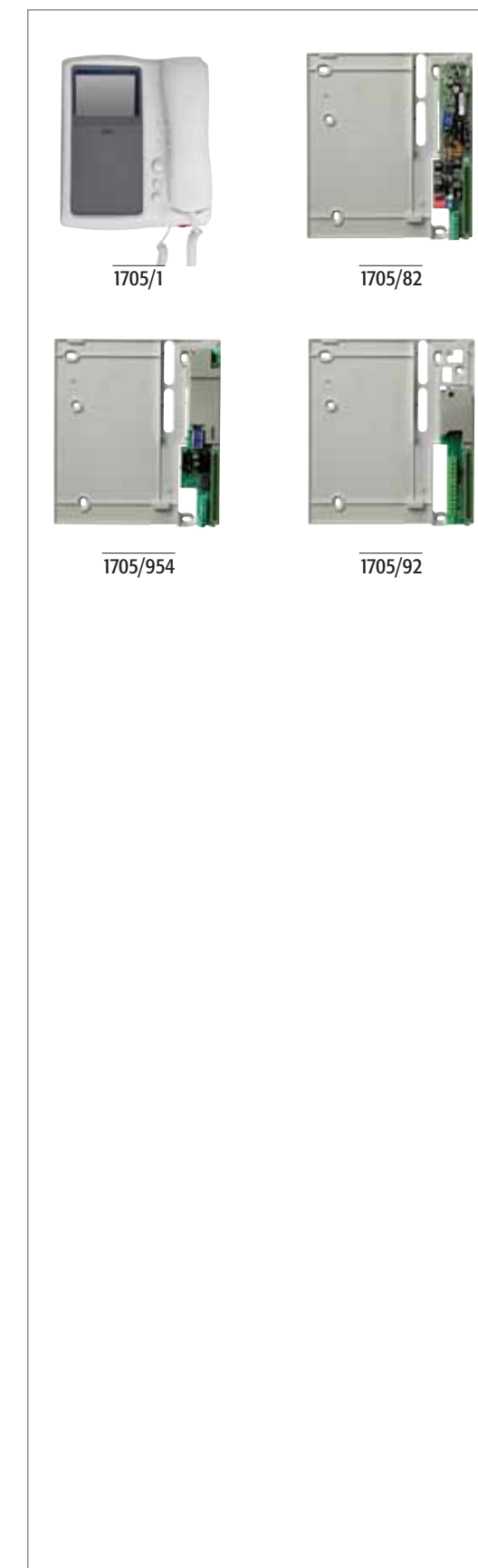
- ▲ 1705/955
Artico bracket for 5-wire analogue systems
Pre-engineered for insertion of auxiliary Ref. 9854/52 buzzer or additional scheduled call device Ref. 9854/53.

- 1705/90
Artico bracket for analogue systems with coaxial cable
Pre-engineered for insertion of auxiliary Ref. 9854/52, Ref. 9854/53 buzzer or tritonal gong Ref. 1132/54.

- ✓ 9854/52
Extra electronic buzzer for Atlantico monitor (BUZZER)
Small module to be inserted inside the apartment station for call differentiation in systems with outside door speaker unit and intercom service.
Power supply 12Vac. Power take-off during call 15mA.

- ◆ ■ ▲ 9854/53
Add-on device for floor call for Atlantico monitor
Small module to be inserted inside the bracket. Two-tone call.

- ✓ 1705/100
Artico bracket plastic support
To be used where it is necessary to replace a Sentry monitor with an Artico monitor.



APARTMENT STATIONS

Artico mod.1705



SPARE PARTS

- ✓ **1705/101**
Replacement of smoke-grey screen for Artico monitor

- ✓ **1705/102**
Replacement of blue screen for Artico monitor

SENTRY VIDEO DOOR PHONE

- **1704/20A**
Sentry monitor, reflex vision version, with bracket for retrofit on Explorer, Sentinel and Vedette monitors

- ✓ **1704/102**
Plastic support for Sentry bracket
To be used with an Artico bracket in order to replace a not functioning Sentry bracket

Note: A = compatible with Bibus and Digivoice systems (see Integrated systems section).

APARTMENT STATIONS

Scaitel mod.1732

VIDEO MODULES

- ✓ **1732/1**
Scaitel 4" video module, white.
ABS case, dimensions (W x H x D): 167 x 220 x 56 mm.

- ✓ **1732/18**
Scaitel 4" video module, for 60Hz system, white.
ABS case, dimensions (W x H x D): 167 x 220 x 56 mm.

- ✓ **1732/41**
Scaitel 4" color video module, for 50Hz system, white.
ABS case, dimensions (W x H x D): 167 x 220 x 56 mm.

ACCESSORIES

- ▲ **1732/955**
Bracket with connector for video outdoor systems with five wires

- **1732/91**
Bracket with connector for video outdoor systems with coaxial wire

- ⌘ **1732/957**
Wall bracket for Bibus VOP system
To be arranged next to 1072/41 switchboard in Bibus VOP systems.

- ⌘ **1732/92**
Digivoice wall bracket for Scaitel Model 1732 video module
Used to install any Model 1138 doorphone (including hands-free unit) alongside REF. 1732/1 module to set up Digivoice video systems.
Can also be used with REF. 1038 switchboard station.

- ✓ **1732/56**
Table mounting kit for video module without bracket, white.

- ✓ **1032/59**
Kit of plates for assembling Scaitel modules
Accessory for mounting Scaitel modules side by side
(door phone, image memory module, PABX, etc.)

'MOD 1750' IMAGE MEMORY MODULE

The Scaitel design picture memory module can be combined with the 1732 video module. It can store up to 32 pictures either automatically when no-one is at home or manually. Storage date and time is written over each picture. Stored pictures can be seen and deleted at any time. Each module is powered by a 789/2 power supply unit.

- **1750/32***
Thirty-two image memory module, white.
ABS case, dimensions (W x H x D): 90 x 220 x 42 mm.

Note: It requires a supplementary REF 789/2 power supply
* Till end of stock





EXIGO

The Urmet new entry that revolutionises the world of brass-finish entrance panels, in a completely customisable range, available for all system types. In polished and satin brass finishes.



GENYA

Urmet's latest pride and joy: Genya, the "do-it-yourself" entrance panel, absolutely modular, with an infinity of combination options. Available in door phone and video door phone versions.



SMYLE

Smyle, the entrance panel kit, youthful and user-friendly, designed and produced to bring a touch of sheer enjoyment to detached and semi-detached homes.



SINTHESI

The modular entrance panel which can be installed both horizontally and vertically. It can replace the Kombi series without breaking up walls or replacing the embedding box.



K-STEEL

The armoured entrance panel guaranteeing protection against solid objects, atmospheric agents (Class IP45) and fire. K-Steel is provided with anti-theft screws and has frames with a different colour for varied stylistic impact.



MOD. 725

Classic and competitive, in its price/quality ratio, this comes complete with a drawn aluminium front plate. It is arranged in blocks of one or more rows.



POSTALBOX

The optimum solution for detached and semi-detached homes, bringing together functionality of door phones (or video door phones) with the convenience of mail boxes.

Exigo mod. 1 143-1743	p. 46-49
Genya e Smyle mod. 1 128/1 129	p. 50-55
Sinthesi mod. 1 145/1745	p. 56-69
K-Steel mod. 1 155/1755	p. 70-75
Mod. 725	p. 76-82
Postalbox mod. 1 145	p. 83

Urmet dedicates great attention to the design and elegance of the external location. While also taking care of the technological aspect, combining products of innovative design with maximum installation simplicity, with the most complete modularity and extreme versatility. This is demonstrated in the new Exigo brass-finish entrance panel – elegant and customisable.

Without forgetting security, guaranteed by robust and reliable products. Moreover, as part of our philosophy of always being at our customers' and installers' side, Urmet has realised an efficient Card Customisation service, available for Sinthesi, Exigo and K-Steel entrance panels, enabled through the Club In pages of our web site.

ENTRANCE PANEL NEW

Exigo mod. 1143-1743

Elegance comes in brass, with PVD treatment as standard.

Exigo is the new brass keyboard from Urmet: elegant, refined and customisable. Exigo is available as standard with a glossy brass front, provided with PVD treatment, with superb anticorrosion and antioxidation performances that are rarely matched in this market segment. The Exigo range from Urmet is already available in mono and bifamily versions, both intercom and videocom, on a Sinthesi flush box. But Exigo's customisation does not end here: on request it is possible to order solutions for all system typologies and for up to 20 buttons, including on 625 flush box.



Fully customisable name plates. Standard white, with colours chosen by you.



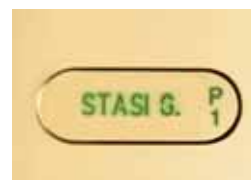
PVC plates With incision of internal number "SL43" character.



Brass plate "Stencil" character, and blue backlighting.



PVC plate "SL43" character.



Brass plate with floor incision "Stencil" characters and green backlighting.

Urmet's Exigo is also unique in its name card customisation. Led backlighting, white as standard, with a further possibility of choosing either blue or green. As standard, the keyboard is delivered with brass plates that have to be drilled; on request it is also possible to have:

- drilled brass plates (with "Stencil" characters) ;
- anthracite colour PVC plates, incised (with "SL43" characters).

Exigo also offers more options in terms of the maximum number of characters that can be used:

- 14 characters without any indication of floor/internal, on one line;
- 12 characters with indication of floor/internal, on one line;
- 12 characters without any indication of floor/internal, on two lines;
- 10 characters with indication of floor/internal, on two lines.

If, on the other hand, customers need a specific character, different from standard ones, the same can be requested separately on the site www.urmetdomus.it, where it is also possible to request individual customised plates.

Fully customisable engraving.

Customisation to order of the keyboard, with the insertion of writings, is the main feature of a truly versatile brass keyboard. Urmet's Exigo provides a space in which you can insert writing with the engraving realised on 1 or 2 lines, relative to the key to be inserted. For example, on one line it is possible to choose one of the following writings:

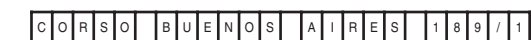
- name of building;
- street name of building;
- civic number with larger dimensions relative to standard dimensions;
- Other (e.g. No publicity - Stairs A - Stairs B etc.): choosing the writing "Other" will lead to the positioning of the same in the second line.

It is possible to choose from between two types of characters (SL43 and AREO) and the choice of 2 writings implies engraving on 2 lines. As regards keyboards on flush box 625 (mod. 1121-1721), with buttons on 1 row, it is possible to engrave a maximum of 20 characters on one line; While on Sinthesi (mod. 1143-1743) and 625 (mod. 1121-1721) with buttons on 2 rows, it is possible to have a maximum of 25 characters.

Example of how to fill in the module



20 characters



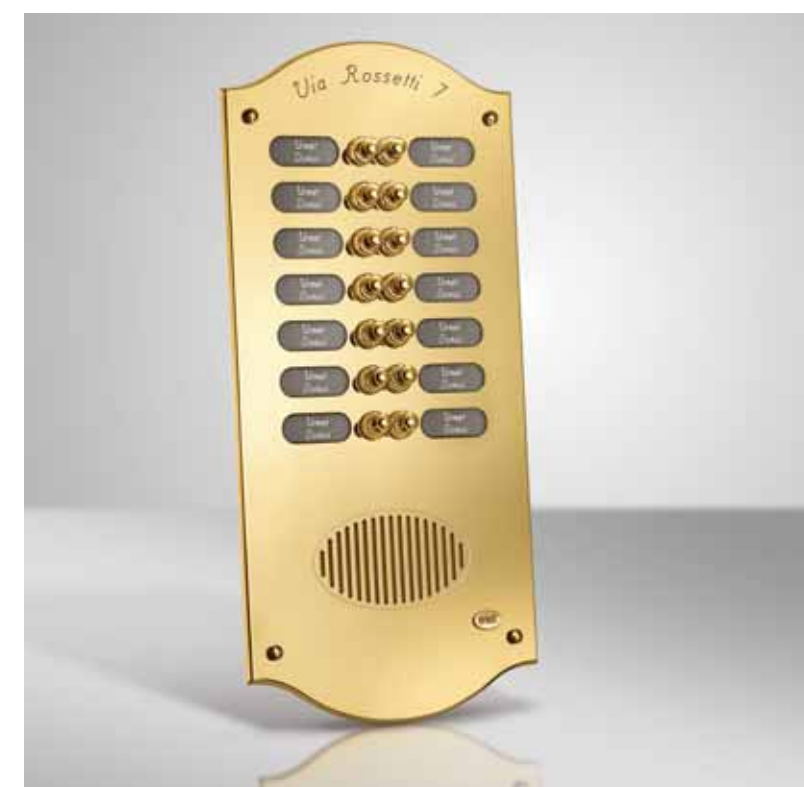
25 characters

Characters available for incision

AERO characters



SL43 characters

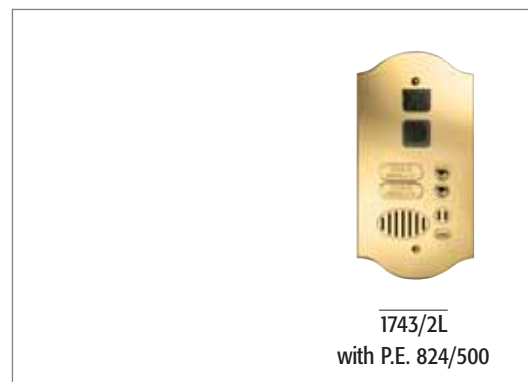


Customisable possibilities with writings in the Exigo range can be adapted to any building requirements, with the possibility of choosing from between two different character types for the engraving.



AUDIO BRASS FRONT FOR FLUSH BOX
MOD. 1145 (flush box not included)

- **1143/1L**
1143/1L Audio glossy front 1 button for system 4+n
Supplied with led backlighting group for name plates
L 132 x h 198 mm
Uses flush box 1145/51 with spacer 1143/60 and P.E. 824/500
- **1143/2L**
Audio glossy front 2 buttons for system 4+n
Supplied with led backlighting group for name plates
L 132 x h 198 mm
Uses flush box 1145/51 with spacer 1143/60 and P.E. 824/500



VIDEO BRASS FRONT FOR FLUSH BOX
MOD. 1145 (flush box not included)

- **1743/1L**
Video glossy front 1 button for coaxial system
Supplied with led backlighting group for name plates
L 136 x h 270 mm
Uses flush box 1145/52 with spacer 1143/60 and P.E. 824/500
- **1743/2L**
Video glossy front 2 buttons for coaxial system
Supplied with led backlighting group for name plates
L 136 x h 270 mm
Uses flush box 1145/52 with spacer 1143/60 and P.E. 824/500



FLUSH BOXES FOR FRONTS
MOD. 1143 E MOD. 1743

- ✓ **1145/51**
Flush box for 1 module
- ✓ **1145/52**
Flush box for 2 modules

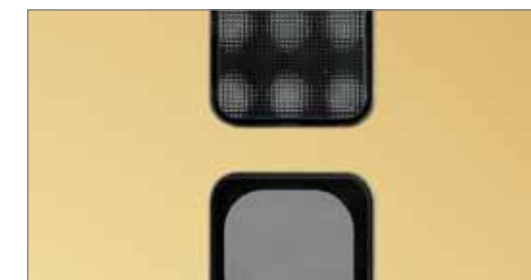
EXTERNAL LOCATIONS

- **824/500**
External location 6V DC for audio systems 4+n
to be used with audio 1143/1L-1S-2L-2S
and video 1743/1L-1S-2L-2S fronts
- ✓ **1143/60**
Spacers for Sintesi flush box mod. 1145
for keyboards mod 1143 and 1743



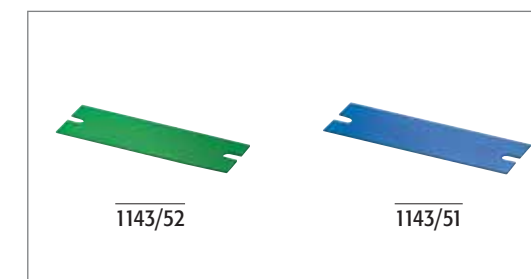
CAMERAS

- 1810/70**
Camera CCD 1/3" orientable B/N
Can be used in all video systems with the exclusion of 2GO! ones
- 1810/40**
Camera CCD 1/4" orientable colour
Can be used in all video systems including 2GO! ones



ACCESSORIES

- 1143/51**
Package of 5 blue colour films
Used to make the name card backlighting blue
- 1143/52**
Package of 5 green colour films
Used to make the name card backlighting green



SPARE PARTS

- 1143/301**
Button complete with electric contact for brass fronts
mod. 1143-1743
- 1743/303**
Screws package with key for brass fronts mod. 1143-1743.



ENTRANCE PANEL

Genya Smyle mod.1128 / mod.1129

NEW

Genya. The first do-it-yourself entrance panel: compact, ingenious and colourful. Also with 2GO!

Genya's true DIY innovation is its micro modularity, which makes it possible to arrange the entrance panel to match your needs: choosing from a series of units in which it is possible to insert a variety of accessories, from name plates to blind module.

A true revolution in door phone and video door phone entrance panels, complete with name plates backlit with the colour you choose from a range of 32 colours, changeable every day as you please.

Genya is super-compact: only 100 mm wide and 35 mm in depth. Perfect for installations on pillars or walls but also appropriate for fastening on box mod. 503 and installations involving wall embedding.

Choose from either the standard plate, 15 x 60 mm, or large plate, 30 x 60 mm.

These plates also function as call buttons and the bell design immediately identifies the area that has to be pressed.

Name plate backlighting is uniform and guaranteed.

Genya Units can be flanked both horizontally and vertically and can be provided with name plates, positioned externally, street number and a cover that completes the composition.



Starting with a basic small sized unit (L 99 x H 240 x D 35 mm), it is possible to achieve any arrangement you wish, with easy installation. Two colours are available: light grey and anthracite.

Genya is perfectly compatible with 2GO! systems.

For analogue systems 3 types of unit are available: one for the Loudspeaking unit, a second for the Doors Video, a third for buttons only. The new door-opening module with coded control panel allows independent opening of 2 locks, without the need for mechanical keys, but rather by programming one of 22 codes on the control panel. Occupies the space of 4 standard entrances.

Genya has been assigned IP 44 level, since it guarantees functioning even in the presence of particularly adverse atmospheric phenomena.

Smyle.
A smile dedicated to families.

Urmet's Smyle is the small entrance panel with a cheerful design, specifically for detached and semi-detached habitations. Thanks to its smaller dimensions (L 99 x H 185 x D 35 mm.), and installation without embedded box, it represents the perfect solution for a wide variety of applications.

Available in various detached and semi-detached home kits. Then too, there is also the interesting possibility, relative to detached housing estates, of installing Genya in the main entrances and Smyle in secondary access points.

Smyle uses the same name plates and the same Loudspeaking units as Genya.

The analogue Loudspeaking unit and the Doors Video are also in common.

The latter device involves a semi pin-hole video camera which can be oriented manually.



ENTRANCE PANEL

Genya Smyle mod.1128 / mod.1129

GENYA PUSH BUTTON PANEL COMMON PARTS



1128/1

1128/2



1128/51



1128/10



1128/20



1128/30



1728/20

- X ● ■ **1128/1**
 Standard size push button
 dimensions (H x L) 15 x 60 mm

- X ● ■ **1128/2**
 Double size push button
 dimensions (H x L) 30 x 60 mm

- X ● ■ **1128/5**
 Repertory for house number (double size)
 dimensions (H x L) 30 x 60 mm

- X ● ■ **1128/51**
 Embedded box with wall frame, light grey colour
 Embedded box dimensions (H x L x D) 258 x 113 x 45 mm
 wall frame dimensions (H x L) 272 x 132 mm

GENYA, ANTHRACITE COLOUR

- X ● ■ **1128/30**
 Blank standard size label, anthracite colour
 dimensions (H x L) 15 x 60 mm

- X ● ■ **1128/10**
 Additional push button panel
 dimensions (H x L x P) 240 x 99 x 35 mm

- **1128/20**
 Audio entry panel pre-arranged for loudspeaker unit
 dimensions (H x L x D) 240 x 99 x 35 mm

- **1728/20**
 Video entry panel pre-arranged for video coax loudspeaker unit
 dimensions (H x L x D) 240 x 99 x 35 mm

- X **1082/10**
 2GO! Genya wall-mounting entrance panel anthracite
 video entrance panel for 2GO! systems Complete with speaker, microphone,
 colour video camera and 2 individual call buttons.

- X **1082/40**
 Genya anthracite push button module for digital systems
 Genya expansion module for 2GO! and Bibus systems.
 Ready for installation of 10 individual or 5 double call buttons.

- X **1128/44**
 Genya housing for loudspeaking unit Bibus and 2GO! audio systems. Anthracite
 Ready for assembly of loudspeaking units 1072/28 and 1082/101.
 With 4 individual call buttons. Back lighting with colour options

GENYA, GREY COLOUR

- X ● ■ **1128/31**
 Blank standard size label, grey colour
 dimensions (H x L) 15 x 60 mm

- ■ **1128/11**
 Additional push button panel
 dimensions (H x L x P) 240 x 99 x 35 mm

- **1128/21**
 Audio entry panel pre-arranged for loudspeaker unit
 for external position 4+n. Dimensions (H x L x D) 240 x 99 x 35 mm

- **1728/21**
 Video entry panel pre-arranged for video coax loudspeaker unit
 comprising case, front panel and grill for doors video.
 Dimensions (H x L x D) 240 x 99 x 35 mm

- X **1082/11**
 2GO! Genya wall-mounting entrance panel anthracite
 entrance panel for 2GO! systems Complete with speaker, microphone,
 colour video camera and 2 individual call buttons.

- X **1082/41**
 Genya grey push button module for digital systems
 Genya expansion module for 2GO! and Bibus systems.
 Ready for installation with 10 individual or 5 double call buttons.

- X **1128/45**
 Genya housing for loudspeaking unit Bibus and 2GO! audio systems. Grey
 Ready for assembly of loudspeaking units 1072/28 and 1082/101.
 With 4 individual call buttons. Back lighting with colour options

N.B. None of the units have loudspeaking unit and name plates included.



ENTRANCE PANEL

Genya Smyle mod.1128 / mod.1129

urmet

SMYLE



- ■ 1129/1

Detached house push button panel
Dimensions (H x L x D) 185 x 99 x 35 mm external position not included (complete with button)

- ■ 1129/2

Semi-detached house push button panel
Dimensions (H x L x D) 185 x 99 x 35 mm external position not included (complete with buttons)

- 1729/1

Detached family video push button panel
Dimensions 185 x 99 x 35 mm CCD camera and external position not included (complete with button)

- 1729/2

Semi-detached video house push button panel
Dimensions 185 x 99 x 35 mm CCD camera and external position not included (complete with buttons)

LOUDSPEAKING UNITS FOR GENYA AND SMYLE

- ⌘ 1082/100

2GO! colour video camera unit (for Genya only)

- ⌘ 1082/101

2GO! loudspeaking unit audio system (for Genya only)
For use in 2GO! entrance panels
Audio or entrance video with external video camera.

- ■ 1128/500

4+n with audio loudspeaker unit with adaptor for 725 - 625 push button panels

- ■ 1128/510

4+n 12 VAC with audio loudspeaker unit with adaptor for 725 - 625 push button panels

- 1728/80

CCD camera with loudspeaker unit for systems with coaxial cable

- ▲ 956/123

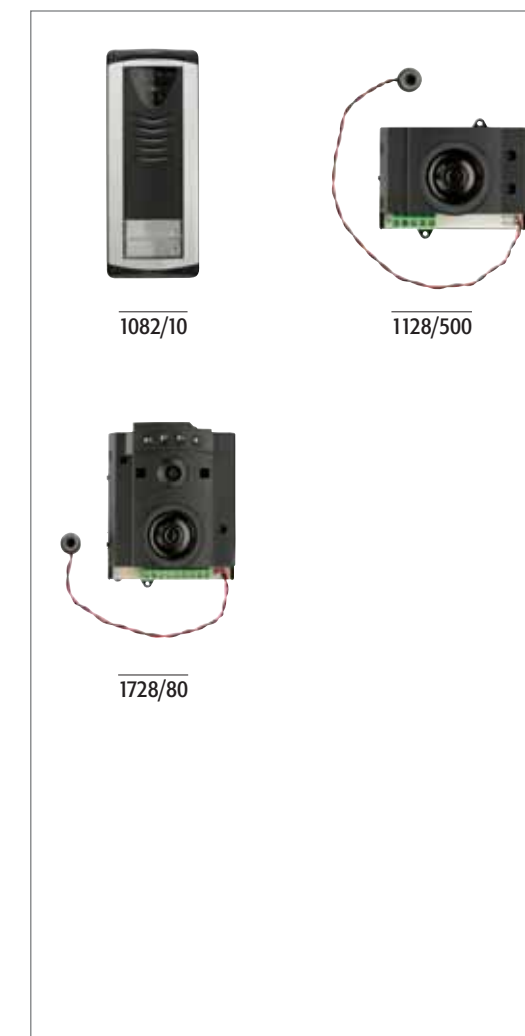
CCD camera with loudspeaker unit for 956 Kit (Smyle only)

- ▲ 956/129

CCD camera with loudspeaker unit for 956 Kit (Smyle only), 60 Hz.

- ⌘ 1072/28

Genya loudspeaking unit audio for Bibus system
Bibus electronics, speaker and microphone supplied.
For internal installation of mods 1128/44 and 1128/45



GENYA/SMYLE ACCESSORIES

- ⌘ 1128/100

Name plate pack for Genya and Smyle entrance panels,
supplied with clear PVC name plates and anthracite PVC name plates.
Available for each name plate type are:
10 small name plates for 1128/1
5 large name plates for 1128/2
1 street address name plate for 1128/5





Sinthesi entrance panel. The essence of geniality.

The elegant modern quality of Sinthesi, together with the versatility of its horizontal and vertical layouts, render this entrance panel idea for a vast range of installations. The simplicity of installation is total, thanks to interconnection of the modules via pre-wired conductors on the modules themselves and the connection terminal boards for the system with carriage shift. Sinthesi is provided with call buttons and led backlit name cards; keys modules with double call button; video camera modules with loudspeaking unit and integrated call buttons for both coaxial systems and for 5 wire systems (without coaxial cable); feedback on the user call via led (led on only if the door phone or video door phone have received the call). Available in customisation kits with blue frame.



Backlit buttons.

Video camera module.



Where and how it is used.
In a word, compatible.

Using appropriate adaptors it is possible to replace the "old" entrance panels Mod. 625, without having to carry out masonry work. The adaptors, which also carry out a function as a wall wire cover frame, are applied using fastenings already present on the embedded boxes for the entrance panels 'Mod. 625', and on the same it is possible to install the Sinthesi entrance panel which, thanks to the modularity and completeness of the range, can replace a large part of existing installations.



AMPLIFIED LOUDSPEAKING UNITS WITH ELECTRET MICROPHONE

- ■ 1145/500
Amplified speaker unit for '4+n' systems, to be fitted in loudspeaking modules. Possibility to adjust internal and external sound level. This device can be used in electronic and traditional call systems.

- ◆ ▲ 1145/67
Amplified speaker unit for '1+1' systems, to be fitted in loudspeaking modules. Possibility to adjust internal and external sound level. This device can be used in electronic call systems.

- ◆ ▲ 1145/74
Secrecy of Conversation Device
This device must be fitted in the push button panel for '1+1' systems. One is required for every four buttons.



MODULES ARRANGED FOR LOUDSPEAKING UNIT

- ◆ ■ ▲ 1145/20
Anodized aluminium module arranged for loudspeaking unit without button

- ◆ ■ ▲ 1145/21
Anodized aluminium module arranged for loudspeaking unit with 1 single button

- ■ 1145/22
Anodized aluminium module arranged for loudspeaking unit with 2 single buttons

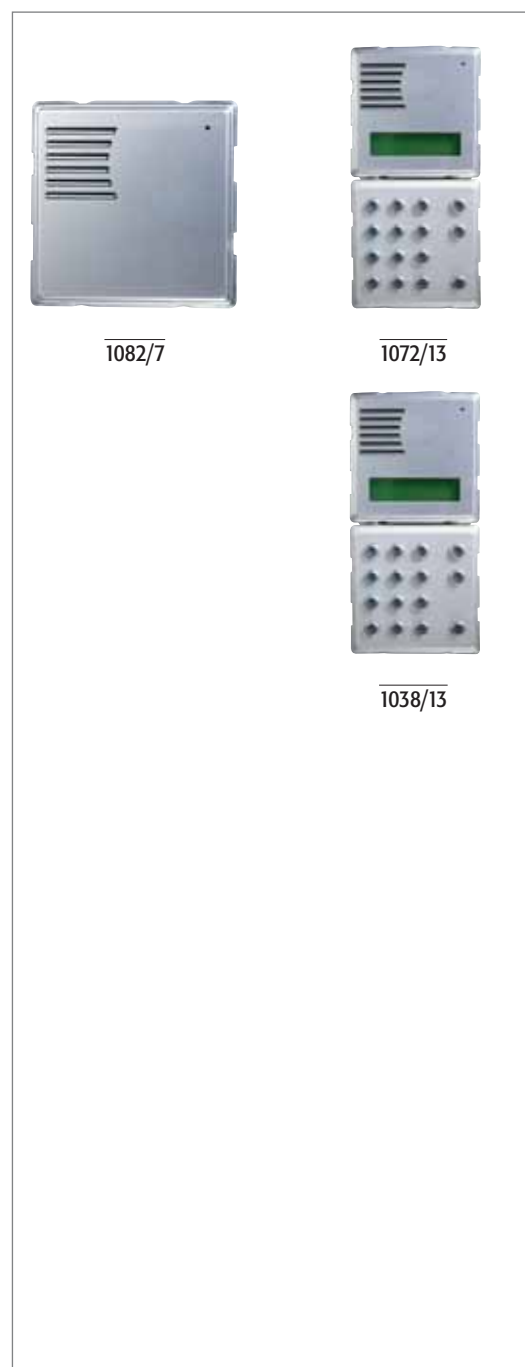
- ◆ ■ ▲ 1145/32
Anodized aluminium module arranged for loudspeaking unit with 1 double button

- ■ 1145/34
Anodized aluminium module arranged for loudspeaking unit with 2 double buttons



ENTRANCE PANEL

SINTHESI mod.1145 / mod.1745



MODULES WITH INTEGRATED DIGITIZER

- 1038/7**

Digivoice digitizer with built-in door unit
Sinthesi design, can manage up to 8 buttons. It has the dimensions of one Sinthesi module.

- 1072/7**

Bibus digitizer with built-in door unit
Sinthesi design, can manage up to 18 buttons. It has the dimensions of one Sinthesi module.

- 1082/7**

2go! push button panel with digitizer
This is provided with a microphone and speaker and is used as a secondary in 2Go! systems; the installation must include at least one external position 1082/72. It has the dimensions of one Sinthesi module

DIGITAL CALL MODULES

- 1072/13**

Digital call module with electronic directory for Bibus system
Realised on 2 modules in the Sinthesi series, it is equipped with integrated loudspeaking unit, electronic directory on LCD display and backlit keypad. It is supplied without an embedded box, frame and rack.

- 1038/13**

Digital call module with electronic directory for Digivoice system
Realised on 2 modules in the Sinthesi series, it is equipped with integrated E.P., electronic directory on LCD display and backlit keyboard. Preset for functioning in 16 languages. Supplied without embedded box.

- 1038/74**

Additional alphabetic keyboard for UTD 1072/13 and UTD 1038/13
Has the dimensions of one Sinthesi module.

- 1082/13**

2GO! call module on Sinthesi
Fitted on 2 Sinthesi modules, with speaker and microphone. Including an electronic index and numeric keypad, two 2GO! modules can be fitted for up to 62 users. Supplied without embedding box.

CAMERA MODULES

- 1745/70**

CCD b/w manual pan and tilt camera with built-in light, 50 Hz

- 1745/80**

CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit without button for coaxial cable systems, 50 Hz

- 1745/81**

CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit and 1 button for coaxial cable systems

- 1745/82**

CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit and 2 buttons for coaxial cable systems

- 1745/40**

CCD colour manual pan and tilt camera with built-in light.
To be used with Ref. 1742/13 coax/5 wires adapter for TV camera

- 1745/49**

CCD colour manual pan and tilt camera with built-in light.
To be used with Ref. 1742/13 coax/5 wires adapter for TV camera, 60 Hz.

- 1745/41**

CCD colour manual pan and tilt camera with built-in light, integrated loudspeaking unit and 2 buttons for coaxial cable systems

- 1082/72**

2GO! video entrance panel with integrated digitizer
is complete with loudspeaker, microphone and color TV camera. It is equipped with 2 buttons to call 2 users. It has the dimensions of 2 Sinthesi modules.

- 1745/20**

CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit for 5-wire systems without button and powered electronic call (2 modules space)

- 1745/21**

CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit for 5-wire systems with 1 button and powered electronic call (2 modules space)

- 1745/22**

CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit for 5-wire systems with 2 buttons and powered electronic call (2 modules space)

- 1745/79**

CCD b/w manual pan and tilt camera with built-in light, 60 Hz



Note: Powered electronic call means an electronic impulse/signal which makes ring "contemporarily" 4 internal handset station, without any further device (such as relay or tone generator)

ENTRANCE PANEL

SINTHESI mod.1145 / mod.1745



MODULES WITH PUSH BUTTONS AND REPERTORY MODULE

- ✓ 1145/11
Anodized aluminium module with 1 button

- ✓ 1145/12
Anodized aluminium module with 2 buttons

- ✓ 1145/13
Anodized aluminium module with 3 buttons

- ✓ 1145/14
Anodized aluminium module with 4 buttons

- ■ ◆ 1145/18
Anodized aluminium module with 4 double buttons

- ✓ 1145/50
Repertory for house number in anodized aluminium(grey color)

- ✓ 1145/59
Blank module in anodized aluminium

DOOR OPENER MODULES

- ✓ 1103/2
Door opener module with proximity key reader in one Sinthesi module

- ✓ 1105/2
Door opener module with code keypad in one Sinthesi module

EMBEDDING BOXES

- ✓ 1145/51
Embedding box for one module

- ✓ 1145/52
Embedding box for two modules

- ✓ 1145/53
Embedding box for three modules

- ✓ 1145/54
Embedding box for four modules



FRAMES AND MODULE HOLDER

- ✓ 1145/61
Front frame for one module with module holder and fastening screws

- ✓ 1145/62
Front frame for two modules with module holder and fastening screws

- ✓ 1145/63
Front frame for three modules with module holder and fastening screws

- ✓ 1145/64
Front frame for four modules with module holder and fastening screws





1145/713

ANODIZED ALUMINIUM WALL EMBEDDED FRAMES

- ✓ 1145/711
Wall embedded frame for one module

- ✓ 1145/712
Wall embedded frame for two modules (1 row)

- ✓ 1145/713
Wall embedded frame for three modules (1 row)

- ✓ 1145/714
Wall embedded frame for four modules (1 row)

- ✓ 1145/724
Wall embedded frame for four modules (2 rows)

- ✓ 1145/726
Wall embedded frame for six modules (2 rows)

- ✓ 1145/728
Wall embedded frame for eight modules (2 rows)

- ✓ 1145/739
Wall embedded frame for nine modules (3 rows)

- ✓ 1145/732
Wall embedded frame for twelve modules (3 rows)



1145/613

ANODIZED ALUMINIUM HOOD COVERS

- ▲ 1145/611
Hood cover for one modules

- ✓ 1145/612
Hood cover for two modules, 1 vertical row

- ✓ 1145/613
Hood cover for three modules, 1 vertical row

- ✓ 1145/614
Hood cover for four modules, 1 vertical row

ANODIZED ALUMINIUM HOOD COVERS

- ✓ 1145/624
Hood cover for four modules, 2 vertical rows

- ✓ 1145/626
Hood cover for six modules, 2 vertical rows

- ✓ 1145/628
Hood cover for eight modules, 2 vertical rows

- ✓ 1145/639
Hood cover for nine modules, 3 vertical rows

- ✓ 1145/632
Hood cover for twelve modules, 3 vertical rows

Note: Hood covers and alluminium embedded frames and compatible with Kombi panels.

ANODIZED ALUMINIUM HOUSING WITH HOOD

- ✓ 1145/311
Housing with hood for one module (1 row)

- ✓ 1145/312
Housing with hood for two modules (1 row)

- ✓ 1145/313
Housing with hood for three modules (1 row)

- ✓ 1145/314
Housing with hood for four modules (1 row)

- ✓ 1145/324
Housing with hood for four modules (2 rows)

- ✓ 1145/326
Housing with hood for six modules (2 rows)



1145/312

ENTRANCE PANEL SINTHESI mod.1145 / mod.1745



ANODIZED ALUMINIUM HOUSING WITH HOOD

- ✓ **1145/328**
Housing with hood for eight modules (2 rows)

- ✓ **1145/339**
Housing with hood for nine modules (3 rows)

- ✓ **1145/332**
Housing with hood for twelve modules (3 rows)

HOOD COVERS FOR GATE-PILLAR

- ✓ **1145/342**
Hood cover with head for gate-pillar for two modules
Depth: 76 mm
Max pillar just out: 60 mm
Embedded width: 98 mm
Hood width: 104 mm.

- ✓ **1145/343**
Hood cover with head for gate-pillar for three modules
Depth: 76 mm
Max pillar just out: 60 mm
Embedded width: 98 mm
Hood width: 104 mm.

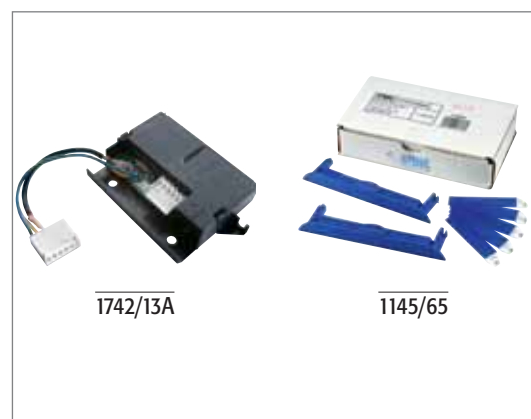


ACCESSORIES

- ▲ **1742/13A**
COAX / 5 wires adapter for TV camera
For use in Bibus VOP and 5-wire systems with Aura and 725 panels.

- **5330/60**
Secrecy of conversation device for "4+n" wires systems
For "4+n" wires systems (Sinthesi and Kombi).

- **1145/65**
Set of 10 blu colour name tags
+ 2 blu colour plastic headers frame + 1 label for repertory module



AUDIO SPARE PARTS

- ✓ **1145/100**
Set of 10 name tags (grey colour) + paper name tabs (white colour) for single button modules

- ✓ **1145/101**
Set of 10 name tags (grey colour) + paper name tabs (white colour) for double button modules

- ✓ **1145/103**
Set of 10 name tags (grey colour) + paper name tabs (white colour) for repertory modules

- ✓ **1145/104**
Light circuit (Led) for two buttons

- ✓ **1145/105**
Light circuit (Led) for four buttons

- ✓ **1145/106**
Light circuit (Led) for one button

- ✓ **1145/107**
Box of 10 Sinthesi screws for wall-mounted boxes

- ✓ **1145/111**
Front panel for Sinthesi UTD 1145/11 UTD 1145/12 modules

- ✓ **1145/112**
Front panel for Sinthesi UTD 1145/13 UTD 1145/14 modules

- ✓ **1145/113**
Front panel for Sinthesi UTD 1145/21 UTD 1145/20 modules

- ✓ **1145/114**
Front panel for Sinthesi UTD 1145/22 modules

VIDEO SPARE PARTS

- **1745/100**
Front panel for camera module Ref 1745/70

- **1745/101**
Front panel for camera module with integrated loudspeaking unit and 1 button Ref 1745/81



ENTRANCE PANEL

SINTHESI mod. 1145 / mod. 1745



VIDEO SPARE PARTS

- 1745/102
Front panel for camera module with integrated loudspeaking unit and 2 button Ref 1745/82

- ✓ 1745/103
Set of security screws (2 screws + screw driver)

- 1745/104
Front panel for camera module with integrated loudspeaking unit without button Ref 1745/80

- 1745/105
Spare printed circuit for 1745/80, 1745/81, 1745/82

- ▲ 1745/106
Spare printed circuit for 5-wire video door unit

- ▲ 1745/107
Front panel with 1 button for 1745/21 module

- ▲ 1745/108
Front panel with 2 buttons for 1745/22 module

SINTHESI ADAPTERS FOR '625' PANEL WITH CASING AND FRAME (TO ORDER)

These adapters can be used to replace the "625" panel fronts with Sinthesi panels without needing to replace the flush-mounting box.

- ✓ 1145/803
Panel adapter with 3 buttons on 1 row
2 Sinthesi modules (see compatibility table).

- ✓ 1145/804
Panel adapter with 4 buttons on 1 row
2 Sinthesi modules (see compatibility table).

- ✓ 1145/805
Panel adapter with 5 buttons on 1 row
2 Sinthesi modules (see compatibility table).

- ✓ 1145/806
Panel adapter with 6 buttons on 1 row
3 Sinthesi modules (see compatibility table).

SINTHESI ADAPTERS FOR '625' PANELS WITH CASING AND FRAME (TO ORDER)

- ✓ 1145/846
Panel adapter with 4-6 buttons on 2 rows
2 Sinthesi modules (see compatibility table).

- ✓ 1145/810
Panel adapter with 8-10 buttons on 2 rows
2 Sinthesi modules (see compatibility table).

- ✓ 1145/812
Panel adapter with 12 buttons on 2 rows
2 Sinthesi modules (see compatibility table).

- ✓ 1145/814
Panel adapter with 14 buttons on 2 rows
3 Sinthesi modules (see compatibility table).

- ✓ 1145/816
Panel adapter with 16 buttons on 2 rows
3 Sinthesi modules (see compatibility table).

- ✓ 1145/800[■]
Panel adapter with 4 buttons on 1 row without door unit
1 Sinthesi module (see compatibility table).

- ✓ 1145/818[■]
Panel adapter with 18 buttons on 2 rows
3 Sinthesi modules (see compatibility table).

- ✓ 1145/820[■]
Panel adapter with 20 buttons on 2 rows
4 Sinthesi modules (see compatibility table).

- ✓ 1145/822[■]
Panel adapter with 22 buttons on 2 rows
4 Sinthesi modules (see compatibility table).

- ✓ 1145/824[■]
Panel adapter with 24 buttons on 2 rows
4 Sinthesi modules (see compatibility table).

- ✓ 1145/826[■] 3
Panel adapter with 26 buttons on 2 rows
4 Sinthesi modules (see compatibility table).

- ✓ 1145/828[■]
Panel adapter with 28 buttons on 2 rows
5 Sinthesi modules (see compatibility table).



Sinthesi composition with Ref. 1145/826



Sinthesi composition with Ref. 1145/806

1145/803

Note: Modules with buttons arranged on 2 rows must be used in some versions.

■ To order

ENTRANCE PANEL

SINTHESI mod.1145 / mod.1745

Sinthesi pushbutton panel composition table for retrofit on pushbutton panels mod. 625 systems '4+n' wires
(all frames can be ordered)

Code of the Sinthesi adapter for Mod. 625	Adapter dimensions in mm (w x h)	Code of the replacement Mod. 625 entrance panel	Type of Mod. 625 entrance panel	Total No. of Sinthesi modules	Total No. of Sinthesi modules										
					1145/500 Speaker Panel '4+n' wires	1145/20 module for Speaker Panel without buttons	1145/21 module for Speaker Panel with 1 button	1145/22 module for Speaker Panel with 2 buttons on 1 row	1145/32 module for Speaker Panel with 2 buttons on 2 rows	1145/34 module for Speaker Panel with 4 buttons on 2 rows	1145/13 module 3 buttons on 1 row	1145/14 module 4 buttons on 1 row	1145/18 module 8 buttons on 2 rows	1145/50 roads number module	
1145/803	179 x 280	7701/3	1 row 3 buttons	2	1	1	-	-	-	-	1	-	-	-	
1145/804	179 x 308	7701/4	1 row 4 buttons	2	1	1	-	-	-	-	-	1	-	-	
1145/805	179 x 336	7701/5	1 row 5 buttons	2	1	-	1	-	-	-	-	1	-	-	
1145/806	179 x 364	7701/6	1 row 6 buttons	3	1	-	-	1	-	-	-	1	-	1	
1145/846	229 x 252	7702/4	2 rows 4 buttons	2	1	1	-	-	-	-	-	1	-	-	
1145/846	229 x 252	7702/6	2 rows 6 buttons	2	1	-	-	1	-	-	-	1	-	-	
1145/810	229 x 308	7702/8	2 rows 8 buttons	2	1	1	-	-	-	-	-	-	1	-	
1145/810	229 x 308	7708/6	2 rows 10 buttons	2	1	-	-	-	1	-	-	-	1	-	
1145/812	229 x 336	7702/12	2 rows 12 buttons	2	1	-	-	-	-	1	-	-	1	-	
1145/814	229 x 364	7702/14	2 rows 14 buttons	3	1	1	-	-	-	-	-	-	2	-	
1145/816	229 x 392	7702/16	2 rows 16 buttons	3	1	1	-	-	-	-	-	-	2	-	
1145/818	229 x 420	7702/18	2 rows 18 buttons	3	1	-	-	-	1	-	-	-	2	-	
1145/820	229 x 448	7702/20	2 rows 20 buttons	4	1	-	-	-	-	1	-	-	2	1	
1145/822	229 x 479	7702/22	2 rows 22 buttons	4	1	1	-	-	-	-	-	-	3	-	
1145/824	229 x 504	7702/24	2 rows 24 buttons	4	1	1	-	-	-	-	-	-	3	-	
1145/826	229 x 532	7702/26	2 rows 26 buttons	4	1	-	-	-	1	-	-	-	3	-	
1145/828	229 x 560	7702/28	2 rows 28 buttons	5	1	-	-	-	-	1	-	-	3	1	

- Entrance panel Mod. 625.
- Fasten the adapter plate to the Mod. 625 embedding box using the 4 screws provided.
- Fit the modules on the frame.
- Tilt up the frame and carry out wiring.
- Fit the surrounding frame on the frame. Position the surrounding frame on the frame. Tighten screws B on screws A.

K-Steel entrance panel. Beauty and security.
Armour-plated entrance panel.

Those seeking an entrance panel that is vandalism and weather resistant need not forsake elegance. To meet such need there is K-Steel, the entrance panel which, apart from its modularity, is particularly robust. Technological commitment and sophisticated stylistic research, create a product with a decidedly elegant design, which also guarantees armour plating performances, impermeability and fire resistance at the highest levels. All applied in a flexible system, with modules and extensive frame colour customisation options.



Telecamera module with led illuminator.



Backlit button.

Antitheft screw in polished steel frame.

Strength through security
and value through modularity.

The K-Steel entrance panel from Urmet guarantees great protection against solid objects - thanks to its special anti-theft screws - and atmospheric agents.

The K-Steel modules, available in various configurations of call and loudspeaking unit buttons, are characterised by a futuristic front panel in stainless steel with "super mirror" surface. While the embedded boxes are in galvanized sheet metal and structured so as to house 1, 2 or 3 modules. The flexible K-Steel system has been conceived to comply with every type of requirement: from '4+n' wires to '1+1' wires systems for door phone installation and the traditional COAX with 5 wires for video door phone performance. In addition, it can also be configured for digital systems with numerical or alphanumeric call and for access control.

MODULES WITH BUILT-IN LOUDSPEAKING UNIT

- ◆ ▲ 1155/30
Without call buttons. Dimensions (W x H) 125 x 106 mm

- ◆ ▲ 1155/31
With 1 call button. Dimensions (W x H) 125 x 106 mm

- ◆ ▲ 1155/32A
With 2 call buttons. Dimensions (W x H) 125 x 106 mm

- ● 1155/20
Without call button. Dimensions (W x H) 125 x 106 mm

- ● 1155/21
With 1 call button. Dimensions (W x H) 125 x 106 mm

- ● 1155/22A
With 2 call buttons. Dimensions (W x H) 125 x 106 mm



MODULES WITH INTEGRATED DIGITIZER

- ✂ 1038/5
Digitizer with integrated speaker unit on K-Steel module for Digivoice System. Dimensions (W x H) 125 x 106 mm

- ✂ 1072/5
Digitizer with integrated speaker unit on K-Steel module for Bibus System. Dimensions (W x H) 125 x 106 mm



VIDEO CAMERA MODULES

- ✂ 1072/14
Digital call module with electronic directory for Bibus system
Realised on 2 modules in the K-Steel series, it is equipped with integrated loudspeaking, electronic directory on LCD display and backlit keypad. It is supplied without embedded box, frame and rack.

- ✂ 1038/16
Digital call module with electronic directory for Digivoice system
The UTD 1038/16 Call Module has the same functional specifications as the UTD 1038/13, but is realised on K-Steel mechanics with 2 modules. It is supplied without embedded box, frame and rack.

- ✂ 1038/73
Additional alphabetic keyboard for UTD 1017/14 and UTD 1038/16
Has the dimensions of one K-Steel module.

- ✂ 1082/14
2GO! call module On K-Steel.
Fitted on 2 K-Steel modules, with speaker and microphone. Including an electronic index and numeric keypad, two 2GO! modules can be fitted for up to 62 users. Supplied without embedding box.



CAMERA MODULES



1755/20



1755/81
1795/91

- ▲ ✎ 1755/30A
CCD b/w manual pan and tilt camera with built-in light for five wire systems, 50 Hz. Dimensions (W x H) 125 x 106 mm

- ▲ 1755/39A
As REF. 1755/30A but for 60 Hz systems. Dimensions (W x H) 125 x 106 mm

- ✎ 1755/40 CCD color manual pan and tilt camera with built-in light for coaxial systems, 50 Hz. Dimensions (W x H) 125 x 106 mm

- 1755/41 CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit and 1 call key for coaxial systems, 50 Hz. Dimensions (W x H) 125 x 106 mm

- 1755/45 CCD colour manual pan and tilt camera with built-in light for five wire systems, 50 Hz. Dimensions (W x H) 125 x 106 mm

- ✎ ■ 1755/70
CCD b/w manual pan and tilt camera with built-in light for coaxial systems, 50 Hz. Dimensions (W x H) 125 x 106 mm

- ▲ 1755/79
As REF. 1755/70 but for 60 Hz systems. Dimensions (W x H) 125 x 106 mm

- 1755/80
CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit for coaxial systems, 50 Hz. Dimensions (W x H) 125 x 106 mm

- 1755/81
CCD b/w manual pan and tilt camera with built-in light, integrated loudspeaking unit and 1 call key for coaxial systems, 50 Hz. Dimensions (W x H) 125 x 106 mm

- ▲ 1755/20
IR module 50Hz BW with built-in door unit for 5-wire systems. Dimensions (W x H) 125 x 106 mm

- ▲ 1755/21
IR module 50Hz BW with built-in door unit and 1 calling button for 5-wire systems. Dimensions (W x H) 125 x 106 mm

SECURITY OF CONVERSATION DEVICE

- ◆ ▲ 1145/74
Security of Conversation Device for Sinthesi and K-Steel panel
This device must be fitted in the push button panel for '1+1' systems.
One is required for every four buttons.

- Note: The module with loudspeaking unit with 1-2 buttons are already equipped with the security of conversation device.

- 1155/75
Security of conversation device for "4+n" wires systems

MODULES WITH BOTTONS AND REPERTORY MODULES

- ✓ 1155/11
With 1 call button. Dimensions (W x H)

- ✓ 1155/12A
With 2 call buttons. Dimensions (W x H) 125 x 106 mm

- ✓ 1155/13A
With 3 call buttons. Dimensions (W x H) 125 x 106 mm

- ✓ 1155/14A
With 4 call buttons. Dimensions (W x H) 125 x 106 mm

- ✓ 1155/50
Repertory for house number. Dimensions (W x H) 125 x 106 mm

- ✓ 1155/59
Blank module. Dimensions (W x H) 125 x 106 mm

Note: the button common can be separate.

DOOR OPENER MODULE

- ✓ 1156/10
Door opener module with code keypad, one K-steel module

- ✓ 1103/3
Door opener module with proximity key reader in one K-Steel module

- 1125/50
Ref. 1103/3 proximity key (10 pieces per box).

EMBEDDING BOXES WITH FRAMES

- ✓ 1155/61
Embedding box, one module with frame, spacers and joining elements.



1156/10

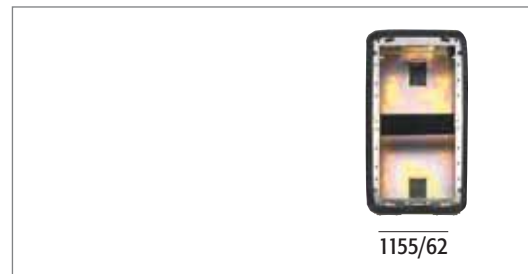


1103/3



ENTRANCE PANEL

K-Steel mod. 1155 / mod. 1755



EMBEDDING BOXES WITH FRAMES

- ✓ 1155/62
Embedding box, two modules with frame, spacers and joining elements.
- ✓ 1155/63
Embedding box, three modules with frame, spacers and joining elements.

Dimensions, flush-mounted section (W x H) 138 x 139 x 55 mm

FRAMES



- ✓ 1155/84
1 module front frame with fastening screws, brass finish, PVD treated.
- ✓ 1155/85
2 modules front frame with fastening screws, brass finish, PVD treated.
- ✓ 1155/86
3 modules front frame with fastening screws, brass finish, PVD treated.
- ✓ 1155/91
1 module front frame with fastening screws, polished stainless steel.
- ✓ 1155/92
2 modules front frame with fastening screws, polished stainless steel.
- ✓ 1155/93
3 modules front frame with fastening screws, polished stainless steel.

CASES WITH HOOD



- ✓ 1155/311
Case with hood for 1 module (1 row) made of stainless steel. Without frame.
- ✓ 1155/312
Case with hood for 2 modules (1 row) made of stainless steel. Without frame.
- ✓ 1155/313
Case with hood for 3 modules (1 row) made of stainless steel. Without frame.

ACCESSORIES

- ✓ 1155/54
Four embedding box joint kit (2 spacers + one cross frame + crossbar kit + frame screws).

SPARE PARTS

- ✓ 1155/101
Set of security screws (four screws + screw driver).
- ✓ 1155/102
Set of 10 name tags
- ✓ ● 1155/103A
Light circuit for modules with 1-2 key loudspeaking unit (REF. 1155/21, REF. 1155/22, REF. 1155/31, REF. 1155/32).
- ✓ ● 1155/104*
Printed circuit for "4+n" wires system loudspeaking unit
- ✓ ● 1155/105*
Printed circuit for 5 wires system loudspeaking unit
- ✓ 1155/106
Ten (10) spare transparent covers for house number
- ✓ 1155/107A
Light circuit for modules without loudspeaking units with one, two, four buttons (REF. 1155/11, REF. 1155/12, REF. 1155/14).
- ✓ 1155/108
Set of PVD security screws (four screws + screw driver).
- ✓ 1755/102
Ten (10) spare transparent covers for camera unit
- ✓ ▲ 1755/105*
Spare 5-wire system door unit printed circuit for 1755/20 and 1755/21
- ✓ ■ 1755/106
Spare light circuit for module Ref. 1755/81

* Available to end of stock.





Entrance panel Mod. 725. The front panel in aluminium. Yet another option.

Installation simplicity and the excellent quality/price ratio make this entrance panel highly competitive. It comes complete with a drawn aluminium front panel with plastic material headings, keys rack with metal keys and embedded box. The entrance panel is organised with blocks of one or two rows, which can flank each other so as to obtain compositions of 3, 4, 5 and 6 rows. In addition, using specific cases, it is also possible to carry out wall support installation for configurations involving up to 24 keys.

PUSH BUTTON PANELS ON ONE ROW ARRANGED FOR LOUDSPEAKING UNIT

■ ●	725/101	N° of pushbuttons 1	Faceplate dimensions H x W 240 x 113 mm	Dimensions, flush-mounted section H x W x D 225 x 102 x 43,5 mm
■ ●	725/102	N° of pushbuttons 2	Faceplate dimensions H x W 240 x 113 mm	Dimensions, flush-mounted section H x W x D 225 x 102 x 43,5 mm
■ ●	725/103	N° of pushbuttons 3	Faceplate dimensions H x W 288 x 113 mm	Dimensions, flush-mounted section H x W x D 273 x 102 x 43,5 mm
■ ●	725/104	N° of pushbuttons 4	Faceplate dimensions H x W 288 x 113 mm	Dimensions, flush-mounted section H x W x D 273 x 102 x 43,5 mm



725/104

PUSH BUTTON PANELS ON ONE ROW ARRANGED FOR LOUDSPEAKING UNIT

✓	725/105	N° of pushbuttons 5	Faceplate dimensions H x W 312 x 113 mm	Dimensions, flush-mounted section H x W x D 297 x 102 x 43,5 mm
✓	725/106	N° of pushbuttons 6	Faceplate dimensions H x W 336 x 113 mm	Dimensions, flush-mounted section H x W x D 321 x 102 x 43,5 mm
✓	725/107	N° of pushbuttons 7	Faceplate dimensions H x W 360 x 113 mm	Dimensions, flush-mounted section H x W x D 345 x 102 x 43,5 mm
✓	725/108	N° of pushbuttons 8	Faceplate dimensions H x W 384 x 113 mm	Dimensions, flush-mounted section H x W x D 369 x 102 x 43,5 mm



PUSH BUTTON PANELS ON TWO ROWS ARRANGED FOR LOUDSPEAKING UNIT

✓	725/204	N° of pushbuttons 4	Faceplate dimensions H x W 192 x 205 mm	Dimensions, flush-mounted section H x W x D 177 x 194 x 43,5 mm
✓	725/206	N° of pushbuttons 6	Faceplate dimensions H x W 216 x 205 mm	Dimensions, flush-mounted section H x W x D 201 x 194 x 43,5 mm
✓	725/208	N° of pushbuttons 8	Faceplate dimensions H x W 240 x 205 mm	Dimensions, flush-mounted section H x W x D 225 x 194 x 43,5 mm
✓	725/210	N° of pushbuttons 10	Faceplate dimensions H x W 264 x 205 mm	Dimensions, flush-mounted section H x W x D 249 x 194 x 43,5 mm
✓	725/212	N° of pushbuttons 12	Faceplate dimensions H x W 288 x 205 mm	Dimensions, flush-mounted section H x W x D 273 x 194 x 43,5 mm
✓	725/214	N° of pushbuttons 14	Faceplate dimensions H x W 312 x 205 mm	Dimensions, flush-mounted section H x W x D 297 x 194 x 43,5 mm
✓	725/216	N° of pushbuttons 16	Faceplate dimensions H x W 336 x 205 mm	Dimensions, flush-mounted section H x W x D 321 x 194 x 43,5 mm



725/212



PUSH BUTTON PANELS ON TWO ROWS
ARRANGED FOR LOUDSPEAKING UNIT

✓	725/218	N° of pushbuttons 18	Faceplate dimensions H x W 360 x 205 mm	Dimensions, flush-mounted section H x W x D 345 x 194 x 43,5 mm
✓	725/220	N° of pushbuttons 20	Faceplate dimensions H x W 384 x 205 mm	Dimensions, flush-mounted section H x W x D 369 x 194 x 43,5 mm
✓	725/222	N° of pushbuttons 22	Faceplate dimensions H x W 408 x 205 mm	Dimensions, flush-mounted section H x W x D 393 x 194 x 43,5 mm
✓	725/224	N° of pushbuttons 24	Faceplate dimensions H x W 432 x 205 mm	Dimensions, flush-mounted section H x W x D 417 x 194 x 43,5 mm
✓	725/226	N° of pushbuttons 26	Faceplate dimensions H x W 456 x 205 mm	Dimensions, flush-mounted section H x W x D 441 x 194 x 43,5 mm
✓	725/228	N° of pushbuttons 28	Faceplate dimensions H x W 480 x 205 mm	Dimensions, flush-mounted section H x W x D 465 x 194 x 43,5 mm

PUSH BUTTON PANELS ON TWO ROWS
NOT ARRANGED FOR LOUDSPEAKING UNIT

✓	725/020	N° of pushbuttons 20	Faceplate dimensions H x W 288 x 205 mm	Dimensions, flush-mounted section H x W x D 273 x 194 x 43,5 mm
✓	725/022	N° of pushbuttons 22	Faceplate dimensions H x W 312 x 205 mm	Dimensions, flush-mounted section H x W x D 297 x 194 x 43,5 mm
✓	725/024	N° of pushbuttons 24	Faceplate dimensions H x W 336 x 205 mm	Dimensions, flush-mounted section H x W x D 321 x 194 x 43,5 mm
✓	725/026	N° of pushbuttons 26	Faceplate dimensions H x W 360 x 205 mm	Dimensions, flush-mounted section H x W x D 345 x 194 x 43,5 mm



725/020

PUSH BUTTON PANELS ON TWO ROWS
NOT ARRANGED FOR LOUDSPEAKING UNIT

✓	725/028	N° of pushbuttons 28	Faceplate dimensions H x W 384 x 205 mm	Dimensions, flush-mounted section H x W x D 363 x 194 x 43,5 mm
✓	725/032*	N° of pushbuttons 32	Faceplate dimensions H x W 432 x 205 mm	Dimensions, flush-mounted section H x W x D 417 x 194 x 43,5 mm
✓	725/034*	N° of pushbuttons 34	Faceplate dimensions H x W 456 x 205 mm	Dimensions, flush-mounted section H x W x D 441 x 194 x 43,5 mm
✓	725/036*	N° of pushbuttons 36	Faceplate dimensions H x W 480 x 205 mm	Dimensions, flush-mounted section H x W x D 465 x 194 x 43,5 mm

* Available to end of stock.

AMPLIFIED LOUDSPEAKING UNITS WITH
ELECTRET MICROPHONE

■ ●	1128/500	4+n with audio loudspeaker unit with adaptor for 725 - 625 push button panels
▲ ◆	1035/67	To be fitted in push button panels arranged for loudspeaking unit. The internal and external volume can be adjusted. The device can be used in "1+1" systems. Power: 12Vac.
⌘	1038/62	Digitizer with integrated speaker unit for Digivoice systems
⌘	1072/19A	Digitizer with integrated speaker unit for Bibus systems
⌘	1128/510	12Vac Loudspeaking unit to be used with electronic or traditional door phone
⌘	5150/53	Door unit for 3-wire door phone systems (traditional call)





CAMERA

CAMERA MODULE

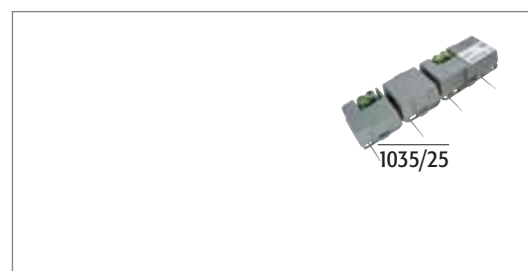
The 'Mod. 725' entrance panel can be used to set up b/w video doorphone systems combining the specific TV cameras and front panel units, complete with embedding boxes and IR lighting, with the entrance panels. The front panel units plus TV camera can be inserted in the entrance panels on one or two rows, pre-engineered for Speaker Panel. Configurations of more than 2 rows can be obtained inserting entrance panels with buttons only side by side so as to obtain configurations of up to 6 rows for a maximum of 90 buttons.

✓ 725/600

Black and white 1/3" camera with autoiris objective and IR light
For 5 wire systems it is necessary to use the adapter REF 1742/13A
Dimensions (W x H): 125 x 90 mm.

■ ▲ ✕ 725/79

As REF. 625/600 but 60Hz systems



SECRECY OF CONVERSATION DEVICE

Must be inserted inside the entrance panels.

■ 1035/25

Secrecy of conversation device for Mod. 725 push button panels
This device must be fitted in the push button panel.
One is required for every four buttons.
Note: This device cannot be fitted in one row push button panels with 1, 2, 3 and 4 buttons.



FRONT UNITS WITH EMBEDDING BOX AND IR LIGHT

✓ 725/601

Aluminium front unit for one-row push button panel.

✓ 725/602

Aluminium front unit for two-row push button panel.

SURFACE MOUNTING HOUSINGS WITH HOOD

✓ 725/710

Wall mounting housing
for REF. 725/101 and REF. 725/102 push button panels.

✓ 725/711

Wall mounting housing
for REF. 725/101 ⇄ REF. 725/108 one row push button panels from 1 to 8 buttons.

SURFACE MOUNTING HOUSINGS WITH HOOD

✓ 725/721

Wall mounting housing
for REF. 725/204 ⇄ REF. 725/210 two rows push button panels from 4 to 10 buttons.

✓ 725/722

Wall mounting housing
for REF. 725/212 ⇄ REF. 725/224 and REF. 725/020 ⇄ REF. 725/032 two rows push button panels from 12 to 24 buttons.

ACCESSORIES

✓ 725/100*

Blank module and embedding box to be combined with a one row push button panel

▲ ✕ 1742/13A

COAX / 5 wires adapter for TV camera

ACCESSORIES FOR WALL SURFACE MOUNTING

✓ 725/753*

For one row push button panels
with 5 buttons. Dimensions (H x W x D) 332 x 133 x 2,5 mm

✓ 725/754*

For one row push button panels
with 6 buttons. Dimensions (H x W x D) 356 x 133 x 2,5 mm

* Available to end of stock.



ENTRANCE PANEL mod. 725



SPARE PARTS

✓	725/730*	Set of two spacers for joining embedding boxes
✓	725/751*	Set of grid/head for one row push button panels
✓	725/755	Set of button and name tag
✓	725/757	Lamp holder set
✓	725/758	Tubular 15V-3W bulb
✓	725/759	Set of two special security screws with screwdriver

* Available to end of stock.

ENTRANCE PANEL Postalbox mod. 1145

urmet

Urmet offers an optimal solution for detached and semi-detached houses, in those cases where it is useful to combine door phone (or video door phone) functionality with the convenience of a post box. The new Urmet Postalboxes are designed to accommodate the Sinthesi pushbutton panel, which can be arranged horizontally with Postalbox 1145/41 or vertically with Postalbox 1145/42 and with front or rear withdrawal of any mail. Box capacity makes it possible to conveniently insert various magazines in A4 format; while the small window, on the hatch, can be used either to check whether any mail has arrived or to insert a name card.

Postalbox
pushbutton panel.
Keeping the postman
satisfied.



POSTALBOX

◆◆◆▲ 1145/41

Sinthesi Postalbox for wall surface fitting with front withdrawal.
H x W 57 x 32 cm Prof. Sup 15 cm

✓ 1145/42

Sinthesi Postalbox for gate fitting with front and rear withdrawal.
H x W 44 x 45 cm Prof. Sup 15 cm



REF.	Door phone System			Video door phone System		
	4 + n	1 + 1	Bibus	Coax	5 fili	2GO!
1145/41	✓	✓	✓	✓	✓ (*)	
1145/42	✓	✓	✓	✓	✓	✓

(*): in the semi-detached house version, it is necessary to use the door phone module provided for external position (D.E.) with the buttons arranged in two rows (UTD. 1145/32).



Power supply units

p. 86-89

Accessories

p. 90-93

Mistral mod. 431 1

p. 94-95

Within the context of its complete and updated service, Urmet focuses considerable attention on articles that offer added value to its products range. Accessories and power units are therefore the fruit of the same door phone and video door phone technology and are designed and realised with considerable attention to detail, as true and worthy additions to the Urmet range.

'Mod. 786' door phone power units have been designed to power both door phone systems with traditional buzzer call and electronic call systems.

They are equipped with auto-resetting electronic fuses, that protect the power unit from overloads and permanent short circuits.

'Mod. 789' video door phone power units are constructed for assembly on DIN bar within electric panels. All the power units comply with CEI standards and EEC requirements as set out in the Low Voltage Directive.



786/11



786/13

DOOR PHONE POWER UNITS

- **786/11** **Power supply unit with amplified note generator**
Used to power doorphone systems with outside door speaker units and/or intercom
Power supply: 230Vac 50-60Hz
Power: 28VA
Secondaries: 6Vdc = 0.2A 12Vac = 2 A max -j 6Vdc = 0.2A
Dimensions (W x H x D): 54 x 90 x 55 mm corresponding to 3 DIN modules
Kit 786/50 must be used for wall-mounting

- **786/12**
Power supply unit with amplified note generator
Used to power doorphone systems with outside door speaker units and/or intercom
Power supply: 110Vac 50-60Hz
Power: 28VA
Secondaries: 6Vdc = 0.2A 12Vac = 2 A max -j 6Vdc = 0.2A
Dimensions (W x H x D): 54 x 90 x 55 mm corresponding to 3 DIN modules
Kit 786/50 must be used for wall-mounting

- **786/13** **Power supply unit with 2 amplified note generators and door release relay**
Used in doorphone systems with a considerable distance between the outside door speaker unit and the door phone in order to separate control of the electric lock. Possibility of call differentiation without adding any extra device in the apartment station. A relay contact (NO-C-NC) is present that can be timed from 2 to 25s
Power supply: 230Vac 50-60Hz
Power: 28VA
Secondaries 6Vdc = 0.2A 12Vac = 2A max -j 6Vdc = 0.2A
Relay contact NO-C-NC = max. 5A
Dimensions (W x H x D): 108 x 90 x 55 mm corresponding to 6 DIN modules

- **786/15** **Power supply unit with 2 amplified note generators and relay**
Used in doorphone systems with 2 outside door speaker units or with one outside door speaker unit and intercom service. Possibility of call differentiation without adding any extra device in the apartment station.
Power supply: 230Vac 50-60Hz
Power: 28VA
Secondaries 6Vdc = 0.2A 12Vac = 2A max -j 6Vdc = 0.2A 3 relay contacts
Dimensions (W x H x D): 108 x 90 x 55 mm corresponding to 6 DIN modules

- **786/3*** **Power unit for single wire house phone switchboard systems.**
This device can only be used in systems with single wire switchboards Mod. 604, Mod. 605 and Mod. 606
Power supply: 230 Vac - 50/60 Hz
Power: 28 VA
Secondary: 15 VDC=0.2A \diamond 15 Vac=1.3A
Dimensions (W x H x D): 126 x 96 x 75 mm corresponding to 7 DIN modules

- ✂ **1072/24**
Bus coupler with transformer for Bibus system
Power supply 230 VAC-45 VA. Assembly on bar 10 modules DIN

- ✂ **1038/20**
Basic power supply unit with circuit breaker (IMQ mark)
Supplies main voice line and data line. In the event of a short circuit, unit isolates the faulty item to ensure that the rest of the system can continue to operate. 230 V AC - 50 VA power supply. Installation on 10-module DIN rail.

DOOR PHONE POWER UNITS

- ✂ **1038/25**
Digivoice additional power unit
Power supply 230/110 VAC. Assembly on bar 4 modules DIN
- ✂ **1038/21**
Back-up power supply
To be used in Digivoice systems to ensure operations also in the event of a black out. To be used with REF. 1038/20 (battery not included).

ACCESSORIES

- 786/50**
Wall-mounting kit
To be used only for wall-mounting of the 786/11 power supply units

NOTE: the amplified note generator permits concurrent calls to 4 devices.

VIDEO DOOR PHONE POWER UNITS

- ▲ **789/1** **Double voltage integral video house phone power unit**
Can be used in electronic or traditional call house phone systems. It consists of two modular units (10 DIN modules each) to be connected by means of a specific wire (provided). With timed output adjustable from 45 to 150 seconds. Relay output for electrical lock control. Protected by means of fuses. Can be bar or wall surface mounted.
- Power: 230/110 Vac - 50/60 Hz
- Output: 50 VA
- Dimensions (W x H x D): 180 x 97 x 75 mm corresponding to 10 DIN modul.

- ▲ ✂ **789/2** **Additional local power unit for one additional monitor**
To power an additional video house phone connected in parallel to a main video house phone. Protected by means of self-resetting electronic fuses. Can be bar or wall surface mounted.
- Power: 230Vac - 50/60 Hz
- Output: 28 VA
- Dimensions (one unit) (W x H x D): 126 x 96 x 75 mm corresponding to 7 DIN modul.

- ▲ ✂ **789/3** **Additional local power unit for additional monitors**
To power three additional Winflat Mod. 1202 video house phones or two additional Sentry Mod. 1704 video house phones connected in parallel to a main video house phone. Protected by means of self-resetting electronic fuses. Can be bar or wall surface mounted.
- Power: 230Vac - 50/60 Hz
- Output: 38 VA
- Dimensions (one unit) (W x H x D): 126 x 96 x 75 mm corresponding to 7 DIN modul.

- ▲ ✂ **789/4** **As REF. 789/3 but with 110/230 Vac, 50/60 Hz**



786/50

789/1



789/3

VIDEO DOOR PHONE POWER UNITS



789/5B

■ ▲ ✕ 789/5B □ ⊕

Video house phone power unit
Can only be used in electronic call house phone systems. With timed output adjustable from 45 to 180 seconds. Relay output for electrical lock control. Protected by means of self-resetting electronic fuses. Can be bar or wall surface mounted.

- Power: 230 Vac - 50/60 Hz
- Output: 38 VA
- Dimensions (W x H x D): 180 x 97 x 75 mm corresponding to 10 DIN modules.

■ ▲ ✕ 789/6B □ ⊕

As REF. 789/5 but with 110/230 Vac, 50/60 Hz

✓ 1840/44 □ ⊕

12 V DC secondary camera adapter
It is used to power secondary cameras at 12 Vac in video systems with Mod. 789 power units.

✕ 1074/20

Video power unit for Bibus Vop system
230 VAC power unit. Assembly on bar 10 modules DIN

✕ 1082/20

Video power unit for 2GO! system
Power supply 230 VAC. Assembly on bar 10 modules DIN

POWER TRANSFORMER



9000/230

✓ 9000/230 □ ⊕

Safety transformer CEI EN
Power supply unit to be fitted on CEI compliance bar. Protected by means of a 1.25 A fuse.

- Power supply: 230 Vac - 50/60 Hz
- Power: 18 VA
- Secondary: 12 Vac with max. load of 1.1A at 230 Vac
- Dimensions (W x H x D): 54 x 83 x 58,5 mm corresponding to 3 DIN modules.

✓ 9000/110* □ ⊕

Safety transformer CEI EN
Power supply unit to be fitted on CEI compliance bar. Protected by means of a 1.25 A fuse.

- Power supply: 110 Vac - 50/60 Hz
- Power: 18 VA
- Secondary: 12 Vac with max. load of 1.2A at 110 Vac
- Dimensions (W x H x D): 54 x 83 x 58,5 mm corresponding to 3 DIN modules

RELAY DEVICES

● ◆ ▲ ■ 788/51

Relay for automatic commutation on 2 pushbutton panels
Allows connection of a column of door phones on 2 pushbutton panels. Can replace, in already existing applications, UTD 9332/1 UTD 788/1 UTD4340/11. Dimensions (L x H x D): 108 x 90 x 55 mm, corresponding to 6 modules DIN.

◆ ▲ ■ 788/54

Relay for automatic commutation up to 4 videodoors station
Allows connection of one or more groups of videodoor phones on 3-4 electric doors. Dimensions (L x H x D): 216 x 90 x 55 mm, corresponding to 12 modules DIN.

● 788/58

Relay for automatic commutation up to 4 push button panels
Allows connection of one or more groups of videodoor phones on 3-4 electric doors. Can replace, in already existing applications, UTD 9332/8 UTD 788/8. Dimensions (L x H x D): 108 x 90 x 55 mm, corresponding to 6 modules DIN.

✓ 788/52

Call repeater relay
Has 2 contacts. Can replace UTD 788/30 UTD788/21 UTD788/5. Assembly on bar 3 modules DIN. Dimensions (L x H x D): 54 x 90 x 55 mm

✓ 788/22

Miniature ringer repeater relay
Because of its reduced dimensions it can be installed inside the door phone. It can be used in electronic or traditional call systems: "4+n", 1+1, E2W, coax, 5 Wire.

✓ 1032/81

Timer for electrical locks
This device interfaces with the call modules and can be used to control various types of electrical locks via direct activation with capacitance discharge, capacitance discharge and 150 mA retainer current and security electrical locks. Can be bar (4 DIN modules) or wall surface mounted.

■ ✕ 1032/9

Relay device for special systems
Wall support installation

✕ 1038/68

Relay device for Digivoice video systems
Wall support installation

■ ✕ 1038/69

4 inputs - 1 output video commutator
Wall support installation



788/51



788/4



788/52



1032/81

* Available to end of stock.

RINGERS-TONE GENERATORS



- ■ 787/1
Tone generator
This device can be used in electronic ringer door phone systems with several house phones in parallel. It can be bar or wall mounted.
- Dimensions (W x H x D): 72 x 103 x 75 mm corresponding to 4 DIN modules.

- ▲ ■ 787/2
Tone generator
It can be used in electronic ringer "1+1" door phone systems as auxiliary call device.
- Dimensions (W x H x D): 90 x 71 x 75 mm.

- ✓ 9854/40
Additional electronic chime 12Vac
This device can be used as a supplementary ringer in traditional door phone systems or as a floor ringer. Wall surface mounted.
- Dimensions (W x H x D): 80 x 80 x 32 mm.

- ✓ 9854/41
Additional chime for electronic ringer
This device can be used as a supplementary ringer in electronic door phone systems. It does not require the use of a repeater relay. Wall surface mounted.
- Dimensions (W x H x D): 80 x 80 x 32 mm.

- ✓ 9854/42
Three tone gong additional chime
This device can be used as a supplementary ringer in electronic and traditional door phone systems. The chime can be modified. 9VDC internal battery powered. Wall surface mounted.
- Dimensions (W x H x D): 80 x 80 x 32 mm.

- 9854/52
Additional electronic buzzer Power 12Vac, ringing intake 15mA.

- 9854/53
Supplementary floor ringer Selectable two-tone ringer and adjustable volume.

- ✘ 1072/59
Tritonal supplementary bell for Bibus system

SECURITY OF CONVERSATION DEVICES

- 1131/5*
Secrecy of conversation device for door phone
This device can be used with electronic call door phones Mod. 1131 and Mod. 1132.

- ■ 5330/60
Push button panel switch-off device
To be fitted in the push button panel. The device is in common to all door phones.

- 1134/5
Secret conversation device for Utopia door phone



MISCELLANEOUS

- ■ 1131/4
Kit of ten diodes for mixed electrical door opener and intercom systems
Can be used with Mod. 1132, Mod. 1131 and Mod. 1130 door phones.

- ◆ ■ 1131/7
Adapting circuit for traditional door phone systems
This device allows to use electronic call door phones Mod. 1132 and Mod. 1131 in 12Vac traditional call systems with buzzer. It cannot be used in 1+1 intercom systems with secrecy of conversation option.



POWER LINE PROTECTIONS

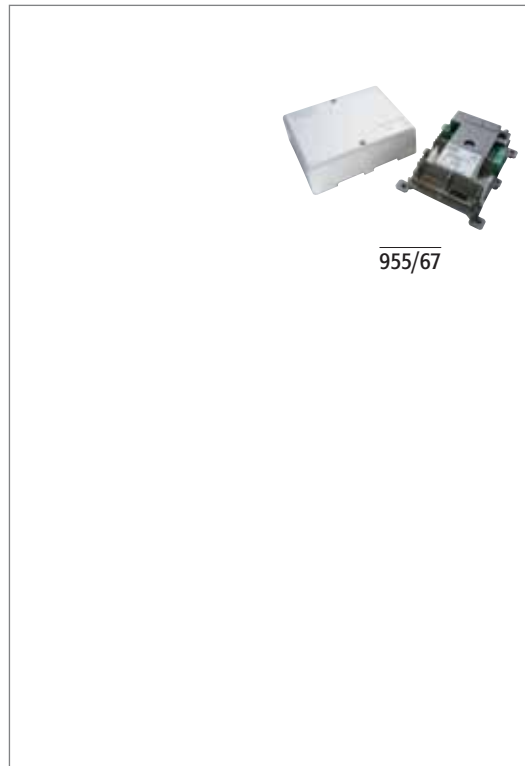
- ✓ 1332/85
Power line protection device, 230 Vac 4000 VA
In case of voltage surges generated by atmospheric events the device immediately trips to limit amplitude and preserve the units installed downstream. Bar fitted, two DIN modules. For best results, use power line surge protection in combination with filter to exploit the complementary action of the devices.

- ✓ 1332/86
Power filter device, 230 Vac 4000 VA
The device is intended to prevent the propagation of external radio-frequency interference on the power mains which could cause faults in the electrical and electronic devices connected to the mains. Bar fitted, two DIN modules. For best results, use filter in combination with power line surge protection to exploit the complementary action of the devices.



* Available to end of stock.

PABX INTERFACES



- ✂ 1072/67

Bibus PABX interface
For using Scaitel Agorà PABX in Bibus systems and maintaining the original functions (door phone call and conversation, concierge switchboard call and conversation, door opening, special services, floor call). Wall-mounted installation.
- ✂ 1038/67

Digivoice/4+n voice adapter
For using Urmet Domus '1332' telephone switchboards in apartments and offices. The adapter can also be used in mixed Digivoice and '4+n' wire analogue door phone systems. Wall-mounted installation.
- ◆ ▲ 955/67

'1+1' PABX interface
For using SCAITEL Agorà PABX in '1+1' door phone and 5-wire video door phone systems
- ✂ 1082/67

2GO!/4+ n interface with video
Allows the use of Urmet Domus Mod.1332 telephonic control units within apartments or offices. Can also be used to realise 2GO! mixed systems and '4+n' wires analogue door phones. Installation on bar, 6 modules DIN

SPARE PARTS

- ◆ ▲ 789/102

Electronic unit for REF. 789 and REF. 789/1 power units

VIDEO DISTRIBUTOR IMPEDANCE DEVICE

- ◆ ✂ 955/40

Four output video distributor for five wire systems
To share out the video signal according to the various installation requirements, e.g. on several risers, on floor level, etc.
- ✂ 1794/4A

Four output video distributor
To share out the video signal according to the various installation requirements, e.g. on several risers, on floor level, etc. 8 VDC power is required. ABS container, dimensions (W x H x D): 95 x 64 x 28 mm.



VIDEO DISTRIBUTOR IMPEDANCE DEVICE

- ✂ 1074/54

4 outputs video distributor for BibusVop system
- ✂ 1074/40

DE 4 outputs video distributor

IMPEDANCE DEVICE

- 789/51

Impedance device for intercom systems
To make automatic switch-over intercommunicating systems with video outdoor system in REF. 789/5 powered systems. Bar mounted.
- Dimensions (W x H x D): 36 x 90 x 103 mm corresponding to 2 DIN modules.



MISCELLANEOUS

- 7057/234

14 wires plus COAX cable
- 7057/235

8 wires plus COAX cable

CAMERAS

- 1/3" CCD CAMERA - 12 VDC
- ✂ ☒ 1090/108

Camera CCD 1/3" - 12 VCC
Can be used as a secondary camera or separated from the push button panel in door phone or TVCC application systems. C/CS connection. Power: 12 Vdc.



DEDICATED ACCESSORIES

- ✂ ☒ 1090/501*

3,6 mm F 1:3.5 lens
- ✂ 1840/30*

Housing for cameras To be used in humid and/or dusty environments. IP 65 degree.
- ✂ ☒ 1090/810

Sealed housing with bracket and articulation



* Available to end of stock.
☒ Products in URMET Security Solutions catalogue.

Sound: amplified and via radio.

Easily hearing the sound produced by an door phone, in any environmental situation, in addition to being a question of convenience, can in some cases constitute an absolute necessity. Which is why Urmet put Mistral together: a series of innovative bells that make it possible to amplify the sound, together with the possibility of a visual flash and, above all, with the implementation of technology via radio. This above all makes it possible to carry out installations without having to run wires through walls, facilitating their introduction in existing systems. Secondly, it makes it possible to use portable receivers, which are appropriate in many situations e.g. villa or condominium guards, or relative to convalescent patients, or for simple convenience. The reception range for wireless bells can be up to 150 or 200 metres, depending on the model.



Practical system for wall fastening

Call transmitter



4311/2

4311/3

RECEIVER BELLS

4311/2

Wireless chime with integrated flash light, 200 m range
Wireless chime with maximum reception range of up to 200 m in unobstructed field and provided with 6 configurable melodies, integrated flash, volume adjustment, mute, alarm function; manages up to 20 different buttons 4311/11 battery power supply, surface mounting

4311/3

Wireless chime up to 150 m
Wireless chime with maximum reception range of up to 150 m in unobstructed field, provided with 6 configurable melodies, integrated flash, volume adjustment, mute, alarm function; manages up to 20 different buttons 4311/11 power supply at 230 VAC with plug-in

TRANSMITTERS

4311/11

Call transmitter button

Button with clip and name card with incorporated radio transmitter. It is compatible with any Mistral bell and provided with led for call forwarding confirmation, remote control via external contact, alarm call function, wall fastening and battery supply (also provided)

4311/13

Call repeater

The device transmits via radio, to any Mistral bell, the call signal received by an door phone or by a video door phone to which it is connected. It is compatible with:
All analogue door phones Mod. -1130, 1131, 1132, 1133, 1134
All digital door phones Mod. 1138, 1172, 1182 and all 1129 kits
In video systems and compatible with brackets for coaxial systems, 5 Digivoice wires V.O.P and 2GO!. The repeater, in addition, can be used in Mod. 952 and 956 videodoor phone Kits



4311/11

4311/13

KIT

4311/701

Call repeater kit

The kit comprises the UTD 4311/13 call repeater and a bell with maximum declared reception range of up to 100 m in unobstructed field. The bell is provided with 3 configurable melodies, volume adjustment, mute, alarm function; manages up to 20 different transmitters. Wall fastening battery power supply.

4311/702

Basic wireless chime kit

The kit comprises UTD 4311/11 call button and a bell. Maximum reception distance of up to 100 m in unobstructed field. The bell is equipped with 3 configurable melodies, volume adjustment, mute, alarm function; manages up to 20 different 4311/11 buttons. Wall fastening battery power supply.

4311/703

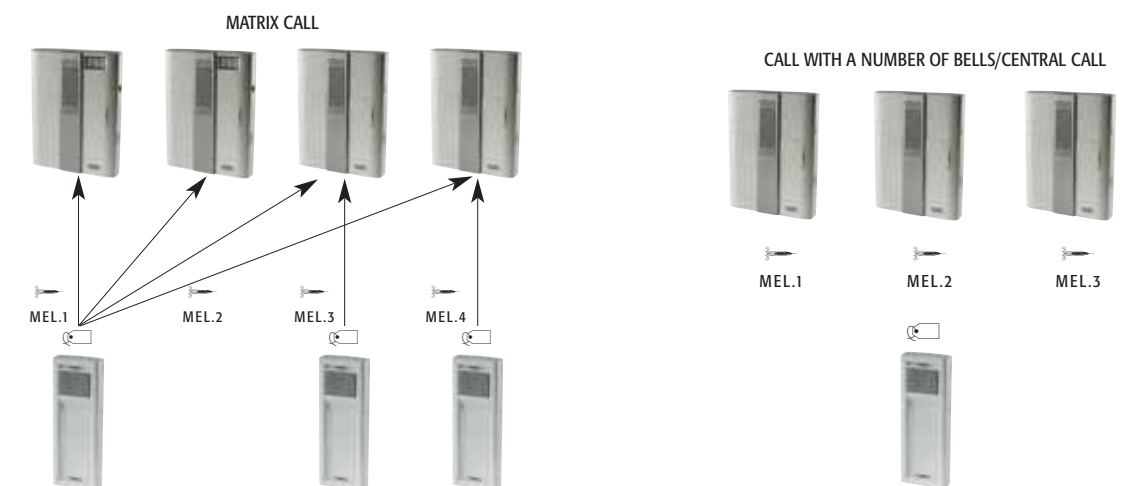
Wireless chime kit

The kit comprises UTD 4311/11 call button and UTD 4311/2 bell.



4311/701

4311/702





SMYLE KIT

The simplest solution, with the smallest dimensions, maintaining a high technological level. Also installable without embedding box, it comes in detached and semidetached home versions. The Smyle one-family push button panel is available in two versions: aluminium and Zama (an alloy composed by zinc, aluminium, magnesium and copper).

SINTHESI and GENYA KITS

All the convenience of expansion kits with the Sinthesi or Genya look. Door phone and video door phone versions.

Smyle kit

p. 98-107

Sinthesi Kit and Genya Kit

p. 108-117

The vast range of video door phone kit solutions offers an excellent base for a first, ready-to-install system.

Urmet Kits are designed to offer maximum installation simplicity, choosing the most suitable and technologically leading edge products.



Smyle kit,
superlative dimensions,
absolute simplicity.

SMYLE kits are the ideal solution for detached or semi-detached homes. With an extremely compact entrance panel, permitting installation on either a plate with a width of only 100 mm or wall fitting, with no need for embedding boxes. In fact SMYLE offers record sizes: just 185 x 99 x 35 mm. Despite its dimensions, SMYLE guarantees perfect led illumination over the whole surface of the name card.

Smyle offers a simple and rapid installation, while the video door phone version is fitted with a manual pan and tilt semi pin-hole video camera ($0^\circ \pm 5^\circ$ horizontal and -10° to $+5^\circ$ vertical). The Kits also come with the very latest Atlantico line.

The Smyle one-family push button panel is available in two versions: aluminium and Zama (an alloy composed by zinc, aluminium, magnesium and copper). The Zama push button panel is much more vandal proof with the same dimensions of the standard Smyle aluminium version.

AUDIO KIT 4+N

- **1129/501**
Detached home door phone kit with electric doors service
the Kit includes :
1 electronic wall door phone with 1 service button 1133/1
transformer 9000/230 12 V AC 3 modules DIN
1 entrance panel Mod. 1129/1 with 1 button and led illumination.
1 loudspeaking unit 1128/510

1129/518

Single-family doorphone kit with outside door speaker service
as Ref. 1129/501 but for 110 V systems

- **1129/502**

Semi-detached door phone kit with electric doors service
the Kit includes :
2 electronic wall door phones with 1 service button 1133/1
1 transformer 9000/230 12 V AC 3 modules DIN
1 entrance panel Mod. 1129/2 with 2 buttons and led illumination.
1 loudspeaking unit 1128/510

1129/528

Two-family doorphone kit with outside door speaker service.
as Ref. 1129/502 but for 110 V systems

NEW

1129/601

4+n wires door phone kit with Smyle in Metal version.
The kit includes:
1 Atlantico door phone part no 1133/1
1 12 Vac transformer for mounting on 3 DIN modules
1 Smyle in metal version entrance panel with 1 button,
integrated loudspeaking unit and LED backlight.



1129/501

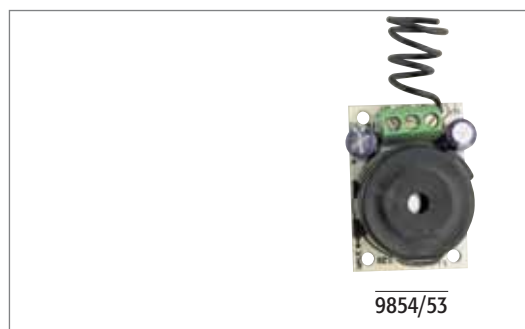
ACCESSORIES

- ✓ **9854/41**
Supplementary ring tone for electronic call
- ✓ **9854/42**
Supplementary ring tone for tri-tone call



9854/42

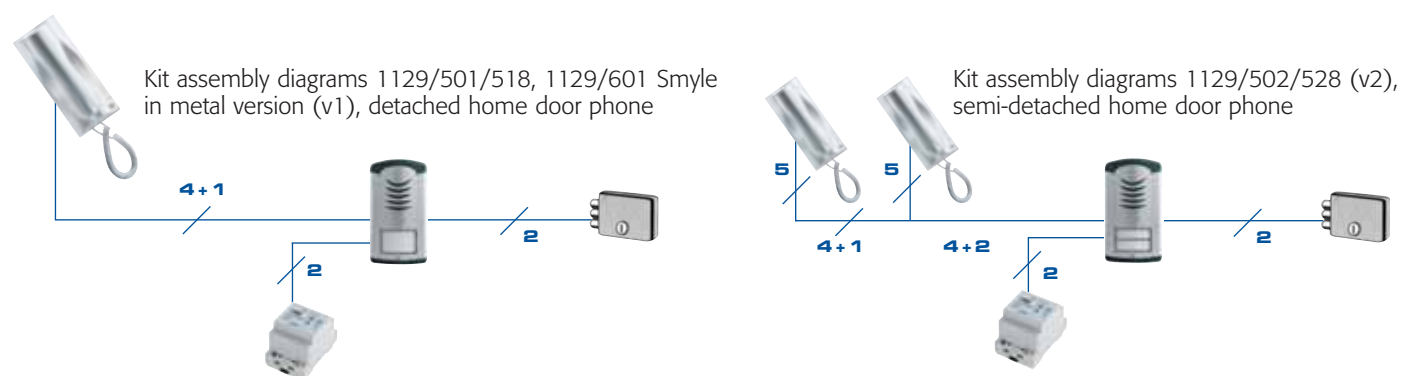
ACCESSORIES



- ✓ 9854/53
Additional device for floor call

- ✓ 788/52
Call repeater relay

Note: accessories for Atlantico door phone, see pages 23.
To add a second Smyle entrance panel, see page 54



INTEGRAL 2-WIRE DOOR PHONE KIT
WITH SMYLE ENTRANCE PANEL



1129/10

The Integral 2-wire Audio kit allows construction of a detached house door phone system. Having just 2 wires it can replace old bell call systems.

- Specifications:
- Maximum distance 110 m
 - Call adjustment with mute
 - Mute function: the call is excluded and a mechanical visual signal is present
 - 1 extra button for secondary services (vehicle access opening, stairwell lighting, etc.), with option to add a second button
 - Ready for installation of a "main entrance" door opening button
 - Option to connect up to 4 door phones in parallel (connection with 5 wires)

1129/10

Integral 2-wire door phone kit

- The Kit includes:
- 1 Atlantico door phone 1129/110
 - 1 12 V AC 9000/230 transformer for assembly on bar 3 DIN modules
 - 1 entrance panel Mod. 1129/1 with 1 button, integrated amplified loudspeaking unit and LED illumination

NEW

1129/401

- Integral 2-wire door phone kit
as ref. 1129/10 but for 110 V system

NEW

1129/21

2-wire door phone kit with Smyle in Metal version.

- The kit includes:
- 1 Atlantico door phone part no 1129/110
 - 1 12 Vac transformer for mounting on 3 DIN modules
 - 1 Smyle in metal version entrance panel with 1 button, integrated loudspeaking unit and LED backlight.

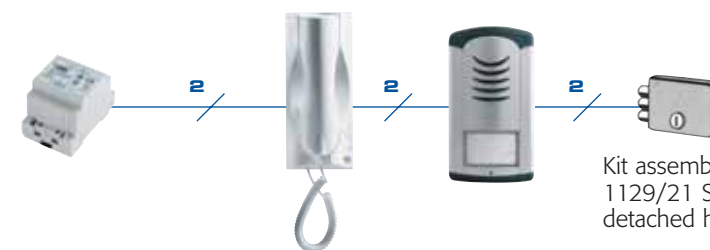
ACCESSORIES

- ✓ 1133/55
Pack of 10 buttons for Atlantico door phone

- ✓ 1133/50
Table support for Atlantico door phone

- ✓ 9854/41
Electronic call ringtone

- 1129/51
Extra Atlantico door phone
Call volume adjustment, Mute and extra button as standard (connection with 5 wires)



Kit assembly diagrams 1129/10, 1129/21 Smyle in metal version detached home door phone

SPARE PARTS

1129/110

Door phone for 2-wire kit 1129/10

1129/112

Loudspeaking unit for 2-wire kit 1129/10

9000/230

Transformer 12 VAC

1129/1

Smyle entrance panel without loudspeaking unit, for detached homes





952/11

952/41

2-WIRE B/W VIDEO KIT

952/11

2-wire video kit

The Kit includes:
1 standard Atlantico monitor 1702/1 c/w special bracket
1 dedicated door camera unit Mod. 1729/1 and door speaker unit 952/112
1 power supply unit on 7-module DIN bar
1 Allen wrench

NEW

952/21

2-wire B/W video kit with Smyle in metal version.

The kit includes:
1 Atlantico monitor 1702/1 with special bracket for 2-wires kit.
1 Power supply unit for mounting on 7 DIN modules
1 Smyle in metal version entrance panel with 1 button, integrated loudspeaking unit and LED backlight.

2-WIRE COLOUR VIDEO KIT

952/41

2-wire video kit

The Kit includes:
1 standard Atlantico monitor 1702/40 complete with special bracket
1 dedicated door camera unit Mod. 1729/1 and door speaker unit 952/113
1 power supply unit on 7-module DIN bar
1 Allen wrench

NEW

952/51

2-wire colour video kit with Smyle in metal version.

The kit includes:
1 Atlantico monitor 1702/40 with special bracket for 2-wires kit.
1 Power supply unit for mounting on 7 DIN modules
1 Smyle in metal version entrance panel with 1 button, integrated loudspeaking unit and LED backlight.

SPARE PARTS FOR KIT MOD. 952

952/100

Power unit

952/111

Special bracket for Atlantico monitor b/w and colour

952/112

Exterior position for Kit 952/11 b/w

952/113

Exterior position for Kit 952/41 colour



SPARE PARTS FOR KIT MOD. 952

1702/1

Atlantico Monitor b/w

1702/40

Atlantico Monitor colour

1729/1

Detached house video pushbutton panel



1729/1



Assembly drawing of the Kit: b/w video door-phone system 952/11 and color video door-phone system 952/41

2GO! VIDEO DOOR PHONE KIT WITH SMYLE

The 2GO! b/w video kit allows installation of a video door phone system with just 2 wires. It uses an Atlantico or Artico monitor (in semi-detached home kit PART NO 1782/512) fitted with a door-opening key, backlit, and 2 service keys:

The first makes auto-insertion possible without added wires, while the second can be used for supplementary services (secondary electric lock opening, stair lights on, etc).

It is also possible to connect one of the following devices in parallel to the monitor:

- A supplementary ring tone 1072/59
- 2GO! door phone 1138
- Four b/w monitors with brackets (2-wire connection)
- PABX mod 1332 telephonic control unit

Specifications:

- 2 non polarised wires
- Maximum distance 150m
- Door phone communication between loudspeaking units

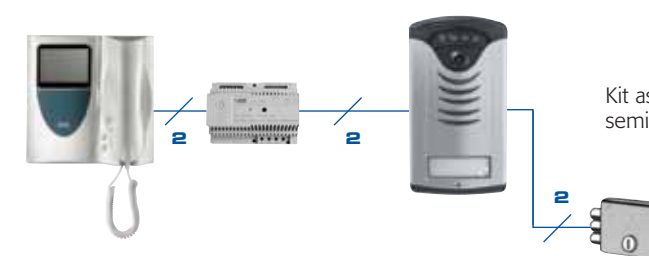
✦ 1782/511

2GO! b/w detached home kit with Smyle

Kit with 2-wire non polarised 2GO! system
Composed of a 1-button Smyle entrance panel, 1 Atlantico monitor with related brackets and power unit.



1782/511



Kit assembly diagram 1782/511, semi-detached home video door phone



VIDEO KIT MOD.956

VIDEO DOOR PHONE KIT with 5-wire simplified wiring

The Video kit Mod. 956 allows installation of detached and semi-detached home systems with 4 common wires + 1 call wire for each internal position. It uses the Artico monitor, provided with a door-opening button and 2 buttons for supplementary services, controlling stairs lights, opening secondary lock, auto-insertion. Kit 956 provides for the connection of a second video door phone input. In addition, Artico makes it possible to adjust the call volume with the "Mute" function. By activating the "Mute", the call is deactivated and a red colour signal is visible, mechanical in type. In parallel to the monitor, it is possible to connect one of the following devices:

- Door phone 1133/35 A
- External ring tone 9854/41
- Monitor 1705/1 with bracket 1705/955 (in this case a local power unit 789/2 is also required)
- Interface 955/67 for the connection of a PABX Mod. 1332

▲ 956/31

Kit for detached home system with B/W doors video

The Kit includes:
1 Artico standard monitor 1705/1 complete with bracket 1705/955
1 Smyle 1729/1 camera unit with external video 956/123
1 power unit on bar 7 din modules

▲ 956/32

Kit for semi-detached home system with B/W doors video

The Kit includes:
2 Artico standard monitors 1705/1 complete with bracket 1705/955
Smyle 1729/2 entrance panel with loudspeaking unit 956/123
1 power unit on bar 7 din modules

▲ 956/19

Kit for detached home system with B/W doors video, 60 Hz

The Kit includes:
1 Artico standard monitor 1705/1 complete with bracket 1705/955
1 Smyle 1729/1 video unit with video for the exterior 956/123
1 power unit on bar 7 modules din

▲ 956/29

Kit for detached home system with B/W doors video, 60 Hz

The Kit includes:
2 Artico standard monitor 1705/1 complete with bracket 1705/955
Smyle 1729/2 pushbutton panel with exterior position 956/123
1 power unit on bar 7 modules din

ACCESSORIES

1729/1

Video door phone detached home Smyle entrance panel

1729/2

Video door phone semi-detached home Smyle entrance panel

956/123

Video camera with loudspeaking unit for Kit Mod. 956
For use in monitoring a second entrance or as a spare.

955/67

Pabx interface

788/51

Relay box for 2 entrances

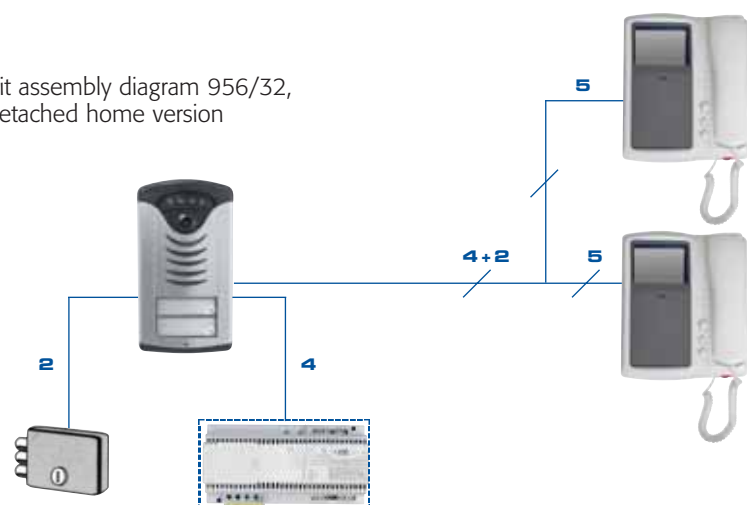
SPARE PARTS

956/110

Video power supply



Kit assembly diagram 956/32, detached home version



Audio kit

Characteristics	Kit with Smyle mod. 1129	
	1129/10-21-/401 DETACHED HOME	1129/501-502-/518-/528 SEMI-DETACHED HOME
BOARD		
Wiring	2-wire	5-wire
Entrance panel	Smyle (1129/21 with smyle in metal version)	Smyle
Door phone	Atlantico	Atlantico
Total extra services	2	3
Volume adjustment	Yes	Yes (with accessory 1132/53)
Mute	Yes	No
Total parallel devices	5	2
Extra loudspeaking units	No	1 (with extra devices)
Door phone service	No	No
Option to connect an exchange Scaitel Mod 1332	No	Yes
Main entrance opening	Yes	Yes
Distance (m)	110	300

Video kit

Characteristics	Detached home kit mod. 1782		Detached home kit mod. 956		2GO: semi-detached home kit
	952/11-/21	952/41-/51	956/31-32-19-28	1782/511	
Board					
Wiring	2 non polarised wires	2 non polarised wires	5-wire	2 non polarised wires	
Entrance panel	Smyle*	Smyle*	Smyle	Smyle	
Video door phone	Atlantico	Atlantico	artico	Atlantico	
Video door phone type	Black/white	Colour	Black/white	Black/white	
Total extra services (door opening, stair lights)	1 (with extra 1 wires)	1 (with extra 1 wires)	2 (with extra 2 wires)		
Auto insertion	Yes	Yes	Yes (with 1 extra wire)	Yes	
Volume adjustment	Yes	Yes	Yes	Yes	
Mute function	Yes	Yes	Yes	Yes	
Door phone communication	No	No	No	Yes	
Call feedback	No	No	No	No	
Door open indicator	No	No	No	Yes (with accessory 1082/96)	
Total devices in parallel	2	L. 2	2	4	
N° wires per 2-wire connection devices in parallel	Monitor: Mod. 1702 8 wires with power unit, local; Intercom: Mod. 1133 5 wires; Bell: 9854/41 2 wires	Monitor: Mod. 1702 8 wires with power unit, local; Intercom: Mod. 1133 5 wires; Bell: 9854/41 2 wires	2 5-wire with local power unit; Door phone: Mod. 1133/35A 2-wire Ringtone: 9854/41 2-wire		
Option to connect a Scaitel exchange Mod. 1332	Yes	Yes	Yes (with 955/67 interface)	Yes (with 1082/67 interface)	
Secondary VPE	No	No	Yes (max 1)		
Different ring tones for different entrances	No	No	No		
B/w video camera	1/3" b/w semi-pinhole	1/4" colour semi-pinhole			
Pan and tilt video camera	Yes	Yes	Yes		
Memory unit	No	No	No		
Main entrance opening	Yes	Yes	Yes		
Door opening automatic (buzzer function)	No	No	No		
Door opening timer	Yes	Yes	No		
Option to use installation kit for apartment blocks	No	No	No		
Distance (m)	100	L. 100	200		

* 952/21 and 952/51 with Smyle in metal version



SINTHESI and GENYA KIT allow the installation of detached and semi-detached home video door phone and door phone systems, with the advantage of complete expandability. In fact, from just one kit, whole apartment block systems can be achieved by adding entrance panels of the same series.

Internal equipment includes the Atlantico and Artico monitors and Atlantico door phones.

The first are provided with a backlit door opening button and 2 buttons for supplementary services (stair lights and secondary lock opening). While the second are provided with up to a maximum of 3 supplementary buttons (one of which is standard).

In addition, the Atlantico monitor allows call volume adjustment with mute function and customisation the template supplied. By activating the mute, the call becomes visible via a red signal.

The expandability of Sinthesi and Genya Kits.

DOOR PHONE KITS WITH SINTHESI

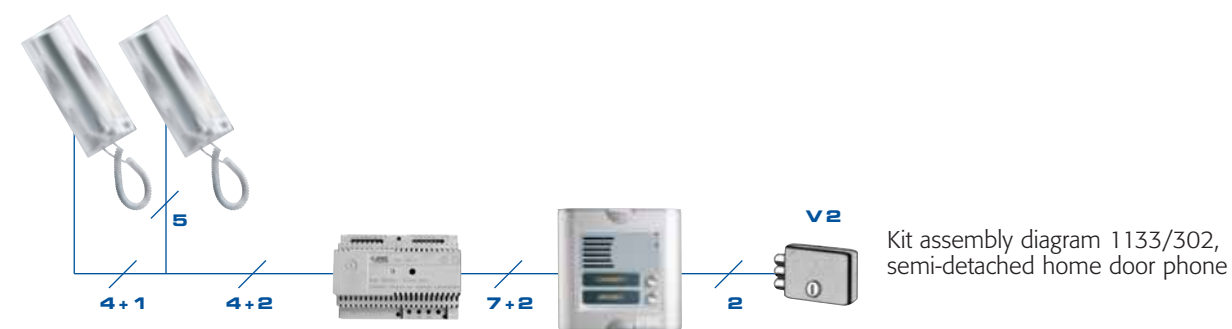
- **1133/301**
Door phone kit for detached home system with electric doors service
The Kit includes:
1 electronic wall door phone with 1 service button PART NO 1133/1
1 loudspeaking unit amplified with call feedback PART NO 1145/500
1 power unit PART NO 786/11230 V AC assembly on bar 7 DIN modules
1 Sinthesi PART NO 1145/21 module, preset for Loudspeaking unit
1 frame with PART NO 1145/61 module housing
1 PART NO 1145/51 embedding box

- **1133/302**
Door phone kit for semi-detached system with electric doors service
The Kit includes:
2 electric wall door phones with 1 service button PART NO 1133/1
1 loudspeaking unit amplified with call feedback PART NO 1145/500
1 power unit PART NO 786/11230 V AC assembly on bar 7 DIN modules
1 Sinthesi PART NO 1145/22 module, preset for Loudspeaking unit
1 frame with PART NO 1145/61 module housing
1 PART NO 1145/51 embedding box

- **1133/401**
Door phone kit for detached home system with electric doors service
as ref. 1133/301 but for 110 V system



Note: for accessories see page 25



Kit assembly diagram 1133/302, semi-detached home door phone

- **1134/301**
4+n wire door phone kit with Sinthesi entrance panel
The detached home door phone Kit includes:
1 door phone Mod. Utopia 1134/1
1 power supply 786/11
1 embedded box 1145/51
1 frame with housing 1145/61
1 loudspeaking unit 1145/500
1 module with preset loudspeaking unit and entrance panel 1145/21



KITS

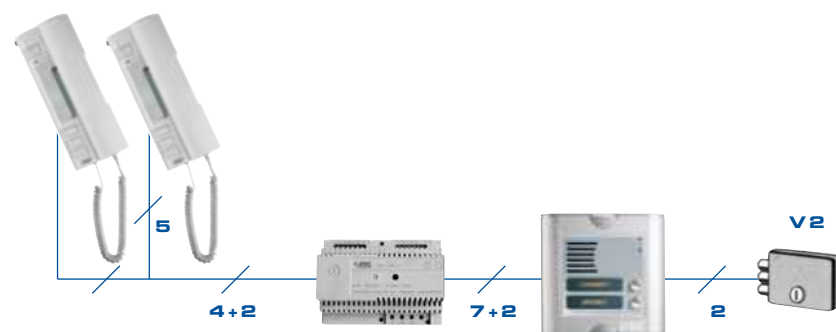
Sinthesi Kit and Genya Kit



DOOR PHONE KITS WITH SINTHESI

- **1134/302**
- 4+n wire door phone kit with Sinthesi entrance panel**
The semi-detached home door phone Kit includes:
2 door phones Mod. Utopia 1134/1
1 power unit 786/11
1 embedded box 1145/51
1 frame with housing 1145/61
1 loudspeaking unit 1145/500
1 module with preset loudspeaking unit and 2 entrance panels 1145/22

Note: for door phone accessories see page 23



Kit assembly diagram 1134/302, semi-detached home door phone

DOOR PHONE KITS WITH GENYA

- **1128/302**
- Semi-detached home audio kit with Genya entrance panel and Atlantico door phone**
the Kit includes :
1 module with anthracite preset loudspeaking unit 1128/21
1 4+n loudspeaking unit 1128/500
2 double-size name plate holders 1128/2
2 Atlantico door phones with secondary button 1133/1
1 power supply 786/11

Note: for door phone accessories see page 25



ACCESSORIES

- 9854/41
Supplementary ring tone for electronic call
- 9854/42
Tri-tone supplementary ring tone
- 9854/53
Additional device for floor call
- 788/52
Auxiliary relay, 2 exchanges

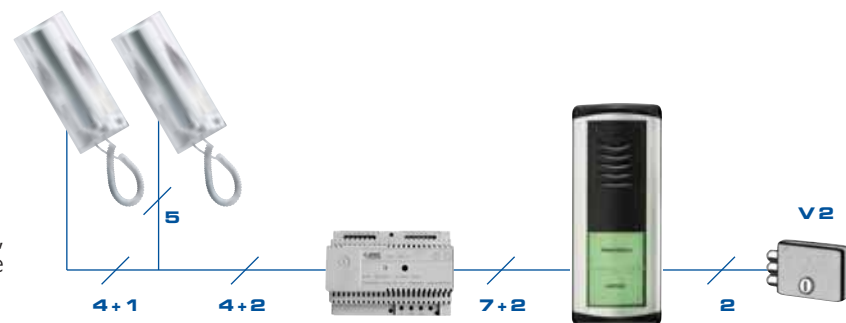


DOOR PHONE KITS WITH GENYA

With the micro-modularity of the Genya entrance panel, these kits can be used as a starting point for door phone installations with more than 2 users.

1128/301 € **98,72**

- Detached home audio kit with Genya entrance panel and Atlantico door phone**
the Kit includes :
1 module with anthracite preset loudspeaking unit 1128/21
1 4+n loudspeaking unit 1128/500
1 double-size name plate holder 1128/2
2 blind modules 1128/30
1 Atlantico door phone with secondary button 1133/1
1 power unit 786/11



Kit assembly diagram 1133/302, semi-detached home door phone

2GO! B/W VIDEO DOOR PHONE KITS

These kits include "2GO!" non polarised 2-wire video system devices.
Installation simplicity (only 2 wires for the whole system), which characterises these kits, makes it possible to install detached and semi-detached home systems and manage various supplementary services (supplementary electric lock opening, lights switch on, auto-insertion etc.). The Sinthesi entrance panel, thanks to its modularity, makes it possible to increase the number of external calls.

- Specifications:
- 2 non polarised wires for the entire system
 - audio-video auto-insertion (without added wires)
 - loudspeaking unit on Sinthesi entrance panel (2 Modules)
 - option to connect up to 4 monitors in parallel (only 2 wires)
 - door phone communicating service with differentiated call, up to 8 devices (without additional supplementary wires)
 - option to add up to 2 loudspeaking units
 - option to connect up to 4 video control cameras (extra board 1030/69)



KITS

Sinthesi Kit and Genya Kit



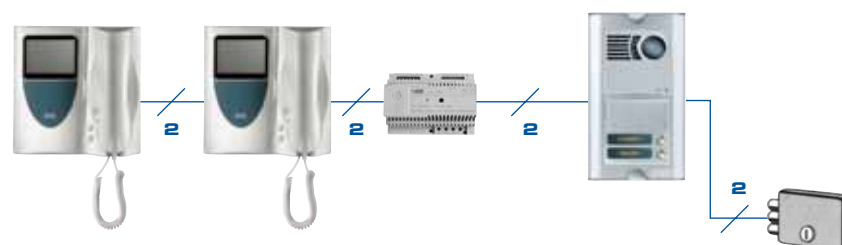
2GO! BW VIDEO DOOR PHONE KITS

1782/501

2GO! b/w detached home video kit
The Kit includes:
Loudspeaking unit with video camera
Embedding box with frame and module housing 1145/62
Power supply on bar 10 DIN modules 1082/20
1 Atlantico Video door phone 1702/1 complete with bracket 1702/82

1782/502

2GO! b/w semi-detached home video kit
The Kit includes:
Loudspeaking unit with video camera
Embedding box with frame and module housing 1145/62
Power supply on bar 10 DIN modules 1082/20
2 Atlantico Video door phones 1702/1 complete with bracket 1702/82
1 single distributor 1082/51



Kit assembly diagram 1782/502, semi-detached home video door phone



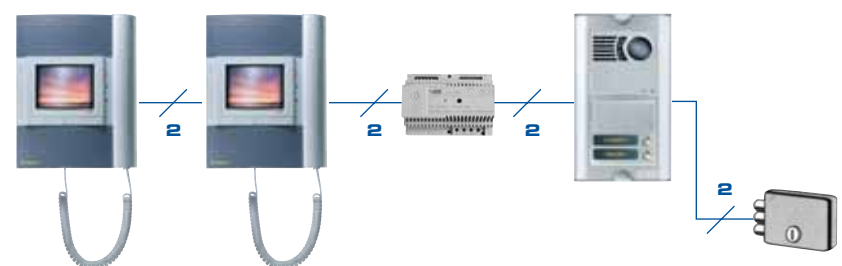
2GO! COLOUR VIDEO DOOR PHONE KIT

1782/531

2go! colour detached home video kit
The Kit includes:
Loudspeaking unit with video camera
Embedding box 1145/62 with frame and module housing 1145/62
Power supply on bar 10 DIN modules 1082/20
1 Utopia 1703/1 Video door phone complete with bracket 1703/82

1782/532

2go! semi-detached home colour video kit
The Kit includes:
Loudspeaking unit with video camera
Embedding box 1145/62 with frame and module housing 1145/62
Power unit on bar 10 DIN modules 1082/20
2 Utopia 1703/1 video door phones complete with bracket 1703/82
1 Distributor 1082/51

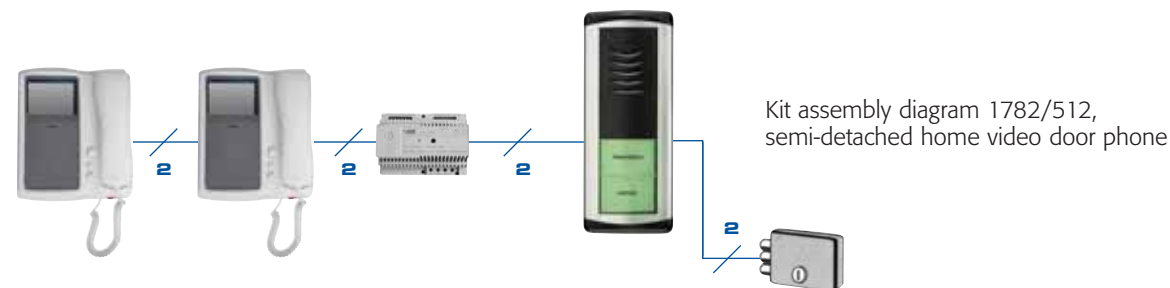


Kit assembly diagram 1782/532, semi-detached home video door phone

2GO! COLOUR VIDEO DOOR PHONE KIT

1782/512

2GO! semi-detached home kit with Genya
Kit with 2-wire non polarised 2GO! system
Composed of a 2-button Genya entrance panel, 2 Atlantico monitors with related brackets and power supply.



Kit assembly diagram 1782/512, semi-detached home video door phone

2GO! ACCESSORIES KIT

1082/96

Additional buttons module for Atlantico video door phone
For use when more than 3 intercommunicated Atlantico video door phones are required or if more than 2 supplementary services are needed.
The device has 6 buttons, a selector switch and 2 LEDs

1082/88

video door phone secretariat
Centralised video secretariat for the entire system. Memorises 8 7" video sequences for each user (max. 32). Indication of date and time for each call. Option to send video clips via MMS to a mobile phone via GPRS modem PART NO 1082/52. Power supply included. Bus assembly, dimensions 10 modules DIN.

1082/67

2GO! Interface with video
Allows internal use of Urmet Domus Mod. 1332 exchanges in an apartment or office. It can also be used to install hybrid 2GO! systems with analogue door phone! '4+n' wires.
Installation on bar, 6 modules DIN



Note: for Atlantico video door phone accessories see page 37/38

VIDEO DOOR PHONE KITS FOR SYSTEMS WITHOUT COAXIAL CABLE



1705/601

5 wires detached home kit with Artico

The Kit includes:
1 Artico Monitor 1705/1 complete with bracket 1705/955
1 camera unit Sinthesi 1745/21
1 frame 1145/62
1 embedding box 1145/52
1 power supply 789/5B

1705/602

5-wire video door phone kit without coaxial cable with Artico

The Kit includes:
2 Artico Monitors 1705/1 complete with bracket 1705/955
1 camera unit Sinthesi 1745/22
1 frame 1145/62
1 embedding box 1145/52
1 power supply 789/5B

1702/601

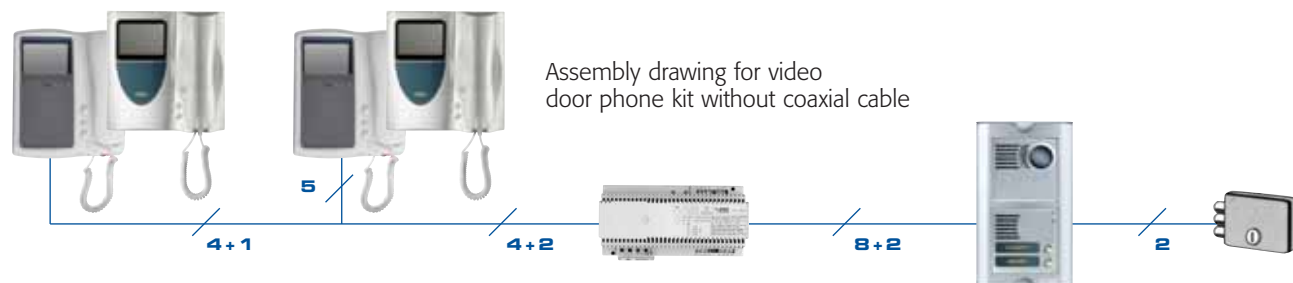
5-wire detached home kit with Atlantico

The Kit includes:
1 Atlantico Video door phone 1702/1 complete with bracket 1702/955
1 camera unit Sinthesi 1745/21
1 frame 1145/62
1 embedding box 1145/52
1 power supply 789/5B

1702/602

5-wire semi-detached home kit with Atlantico

The Kit includes:
2 Atlantico monitors 1702/1 complete with bracket 1702/955
1 camera unit Sinthesi 1745/22
1 frame 1145/62
1 embedding box 1145/55
1 power supply 789/5B



VIDEO DOOR PHONE KITS FOR SYSTEMS WITH COAXIAL CABLE

Video door phone kits with coaxial cable

Urmet Domus offers a complete range of black/white video door phone kits with coaxial cable for detached and semi-detached installations, able to satisfy the widest variety of requirements.

VIDEO DOOR PHONE KITS FOR SYSTEMS WITH COAXIAL CABLE

1702/611

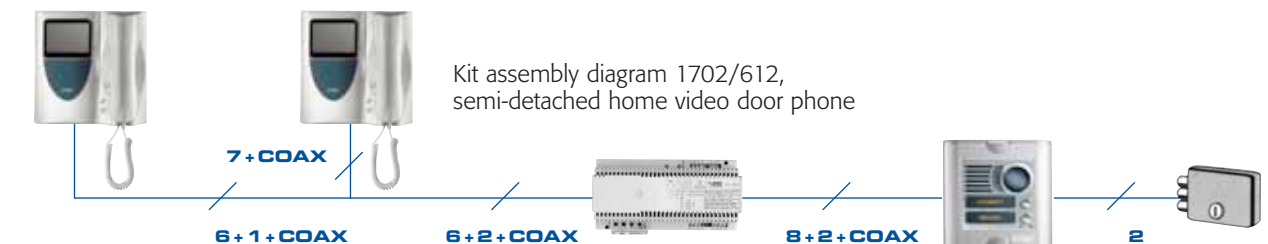
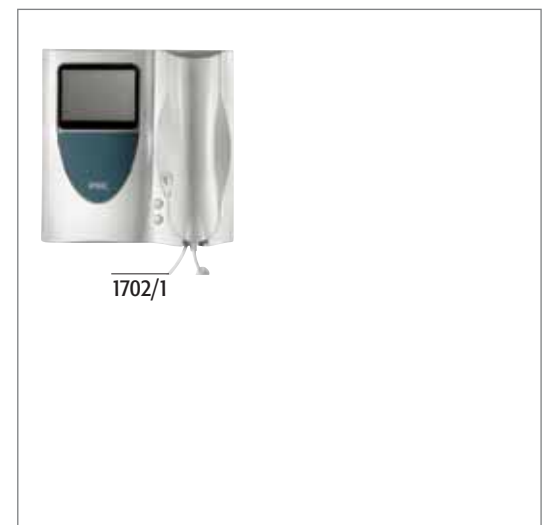
Kit for detached home system with b/w doors video

The Kit includes:
1 Atlantico Monitor PART NO 1702/1 with 1 bracket 1202/90
1 door camera unit with incorporated Ext.Position video camera 1745/81
1 frame with Part no 1145/61 module housing
1 PART NO 1145/51 embedding box
1 power supply on bar PART NO 789/5B 10 DIN modules

1702/612

Kit for semidetached system with b/w doors video

The Kit includes:
2 Atlantico Monitors PART NO 1702/1 with 2 brackets 1202/90
1 camera unit with incorporated Ext.Position video camera 1745/82
1 frame with PART NO 1145/61 module housing
1 PART NO 1145/51 embedding box
1 power supply on bar PART NO 789/5B 10 DIN modules



DETACHED HOME VIDEO KIT WITH ARTICO

1705/621

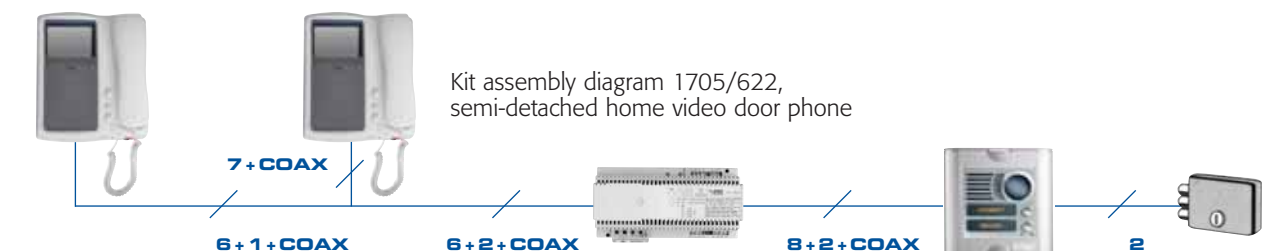
Kit for detached home system with b/w doors video

The Kit includes:
1 Artico Monitor Part no 1705/1 with 1 bracket 1705/90
1 camera unit with loudspeaking unit 1745/81
1 frame with Part no 1145/61 module housing
1 PART NO 1145/51 embedding box
1 power supply on bar Part no 789/5B 10 DIN modules

1705/622

Kit for semidetached system with b/w doors video

The Kit includes:
2 Artico Monitors Part no 1705/1 with 2 brackets 1705/90
1 camera unit with with loudspeaking unit 1745/82
1 frame with Part no 1145/61 module housing
1 Part no 1145/51 embedding box
1 power supply on bar Part no 789/5B 10 DIN modules



KITS

Sinthesi Kit and Genya Kit

Audio kit

Characteristics	Semi-detached home kit mod. 1133	Semi-detached home kit mod. 1134	Semi-detached home kit mod. 1128
Board	1133/301-302-401 detached/semi-detached	1134/301-302 detached/semi-detached	1128/301-302 detached/semi-detached
Wiring	5-wire	5-wire	5-wire
Push button panel	SINTHESI	SINTHESI	GENYA
Door phone	Atlantico	UTOPIA	Atlantico
Total services extra	3	3	3
Volume adjustment	yes (with accessory 1132/53)	yes	yes
Mute	Yes (with accessory 1132/53)	YES	YES
Total devices in parallel	2	2	2
Loudspeaking units extra	1 (with addition of other devices)	YES	YES
Call feedback	yes	yes	yes
Service intercommunicated	yes (with addition of other devices)	yes	yes
Option to connect a Scaitel exchange Mod. 1332	yes	yes	yes
Open main entrance	yes	yes	yes
Option to use installation kit for apartment blocks	yes	yes	yes
Distance (m)	300	300	300

Video kit

Characteristics
BOARD
Wiring
Entrance panel
Video door phone
Video door phone type
Total services extra (door opening, stair lights)
Auto insertion
Volume adjustment
Mute function
Intercommunication
Call feedback
Door open indicator
Total devices in parallel
N° wires for parallel device connection
Option to connect a Scaitel exchange Mod. 1332
Secondary VPE
Different ring tones for different entrances
Video camera
Pan and tilt video camera
Memory unit
Main entrance opening
Door opening automatic (buzzer function)
Door opening timer
Cyclic video control camera
Option to use installation kit for apartment blocks
Distance (m)

	5-wire detached-semidetached home kit Mod. 1705-1702	Detached-semidetached coax home kit mod. 1705-1702	2GO! semi-detached home kit b/w	2GO! detached-semidetached home kit b/w	2GO! detached-semidetached home kit colour
1702/601-602 1705/601-602	1705/621-622	1782/512	1782/501-502	1782/531-532	
5-wire	7-wire + coax	2 non polarised wires	2 non polarised wires	2 non polarised wires	
SINTHESI	SINTHESI	GENYA	SINTHESI	SINTHESI	
(1705) artico/atlantico (1702)	(1705) artico/atlantico (1702)	artico	Atlantico	UTOPIA	
Black/white	Black/white	Black/white	Black/white	Colour	
2	2	2	2 (up to 8 with accessory 1082/96)	2	
Yes (with 1 extra wire)	Yes (with 1 extra wire)	Yes	Yes	yes	
Yes	Yes	Yes	yes	YES	
YES	Yes	Yes	yes	YES	
NO	Yes (with extra devices)	Yes	Yes	yes	
YES	Yes	Yes	yes	YES	
NO	No	NO	Yes (with accessory 1082/96)	yes	
2	2	4	4	4	
Monitor: Mod. 1705 5-wire with local power unit; Door phone: Mod. 1133/35 2-wire; Ringtone: 9854/41 2-wire	Monitor: Mod. 1705-1702 7-wire + coax with power unit; Door phone: Mod. 1133 5-wire; Ringtone: 9854/41 2-wire	2	2	2	
Yes with 955/67 interface	Yes	yes with 1082/67 interface	yes with 1082/67 interface	YES with 1082/67 interface	
YES	YES	YES (max 2)	YES (max 2)	YES (max 2)	
NO	yes (with addition buzzer 9854/52)	Yes	Yes	yes	
CCD standard b/w 1/3"	CCD standard b/w 1/3"	CCD standard b/w 1/4"	CCD standard b/w 1/4"	CCD standard b/w 1/4"	
Yes	Yes	Yes	yes	YES	
NO	No	yes with device 1082/88	yes with device 1082/88	yes with device 1082/88	
Yes	Yes	Yes	yes	YES	
NO	No 1705 Yes 1702 with bracket 1702/86	NO	Yes (with accessory 1082/96)	NO	
NO	No	No	NO	NO	
NO	No	Yes (up to 4)	Yes (up to 4)	Yes (up to 4)	
YES	YES	Yes	yes	YES	
200	300	150	150	150	



DUO HANDS-FREE SYSTEM

The handsfree system with the performances of a electronic call door phone system. The special telephonic type circuit offers particularly high phonic performance.



EASIVOICE

The door phone system that can manage up to 97 devices. An efficient phonic communication system in any building, which makes it possible to manage up to 4 conversations at the same time.



INTERCOM

By simply inserting the power plug, for one of these devices, you can achieve communication with other equal devices, connected to the same network and on the same phase.

Duo Hands-Free system mod.752	p. 120-122
Easivoice mod.926	p. 123-124
Intercom mod.8202	p. 125

These pages contain all the special solutions dedicated to enhancing or completion non-standard systems. Starting with hands free systems, electronic door phone communicating and highly convenient door phones with pipelined waves, using normal mains electricity cables, through to door phone communicating interphones. An area demonstrating Urmet's global approach to "communicating", offering high quality, also in the special solutions that are increasingly appreciated by customers and installers.

Totally hands free.
With no disturbance.

The DUO hands free system allows call sending from the entrance panel inside the speaker, bi-directional conversation, electric lock open command and the possibility of a supplementary command (e.g. stair lights).

It is also possible to install systems with two Electric Doors with automatic switch selection. In systems with a single electric door, on the other hand, there is a provision for the optional confidential conversation function, requiring one extra wire in the column.



ADDITIONAL RINGERS

9854/42

Three tone gong additional chime

This device can be used as a supplementary ringer in electronic and traditional door phone systems. The chime can be modified. 9VDC internal battery powered. Wall mounted.
- Dimensions (W x H x D): 80 x 80 x 32 mm.

9854/52

Additional electronic buzzer

A small module to be fitted inside an internal station as an additional call.



9854/42

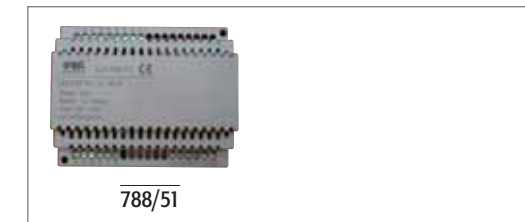
RELAYS

788/52

Auxiliary relay, 2 exchanges

788/51

Relay box for 2 entrances



788/51

SECURITY OF CONVERSATION DEVICES

752/5

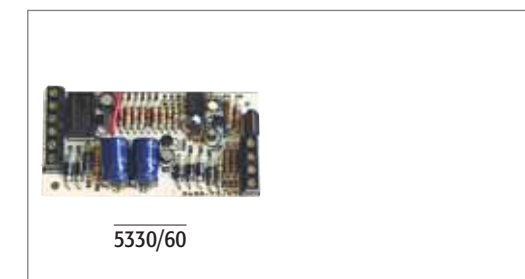
Secrecy of conversation device for indoor set

One is required for each indoor set REF. 725/23 and REF. 752/23.

5330/60

Push button panel switch-off device

To be fitted in the push button panel. The device is in common to all indoor sets.



5330/60

DUO INDOOR SETS

The DUO indoor sets can be used for new systems or to replace old Jolly and Super Jolly (1st and 2nd series). When replacing 1st series devices (with traditional buzzer call), insert an electronic buzzer REF. 9854/52 inside the DUO.

752/23

Hands free door phone with one conversation button and one door opener button

White ABS container.

Wall surface fitted dimensions: (W x H x D) 88 x 177 x 37 mm

Embedded dimensions (including frame):(W x H x D) 122 x 210 x 6 mm.



725/23

752/1

ACCESSORIES

4328/16

Wall embedding box for REF. 752/23 and REF. 725/231

752/1

Wall surface frame with screws and screw cover caps for REF. 752/23 and REF. 752/231

SPECIAL SOLUTIONS

Duo Hands-Free System mod.752



POWER UNIT

752/20 □ ⊕

Power unit for DUO hands free system

With built-in tone generator. Can be fitted on a DIN bar or separately.

- Power supply: 110-230 Vac - 50/60 Hz
- Power: 28 VA
- Secondary: 12 Vac = 1A (18 Vac = 0.2 A) - J 6 VDC = 0.11A
- Dimensions (W x H x D): 62 x 108 x 75 mm corresponding to 9 DIN modules.

SINTHESI PUSH BUTTON PANEL

The DUO free-hands system uses dedicated high voice quality door units with Sinthesi design. The button modules, frame holder cases, boxes and accessories are described on page 45-46-47-48. The microphone and the speaker are fitted in two different modules considering the specific sound characteristics of the free-hands system. A third module must be arranged in between. This can be a button module or a blank module. All microphone modules are equipped with call feedback.

MICROPHONE AND LOUDSPEAKING UNIT MODULES

1145/70

Microphone module without call buttons

1145/71

Microphone module with one call button

1145/72

Microphone module with two call buttons

1145/75

Loudspeaking unit module

Button modules, boxes with rack and accessories are the same as those described on pag. 60, 61 and 64.

SPECIAL SOLUTIONS

Easivoice mod.926

urmet

Easivoice door phone can manage up to 97 devices, interconnected via just 8 wires, achieving an efficient phonic communication system in any building. In addition, it allows management of up to 4 simultaneous conversations.

It is also possible to make a general call through a fifth independent phonic channel. Programming is very simple and does not require any opening of the device. With Easivoice it is possible to install door phone communicating systems with an door phone service, which in turn makes it possible to connect up to two entrance panels with automatic switch selection.



A system of up to 97 devices, easy to programme.

INTERCOMS

926/1

Intercom service device only

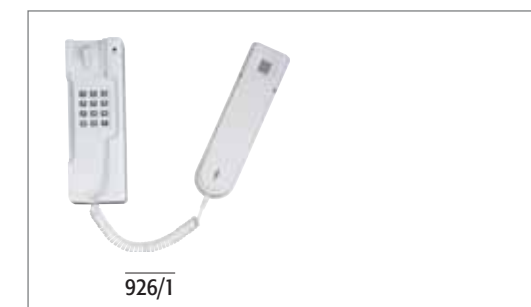
ABS plastic case, white, dimensions (W x H x D): 77 x 218 x 25 mm.

926/2

Intercom device with door opener button

Arranged for door phone service.

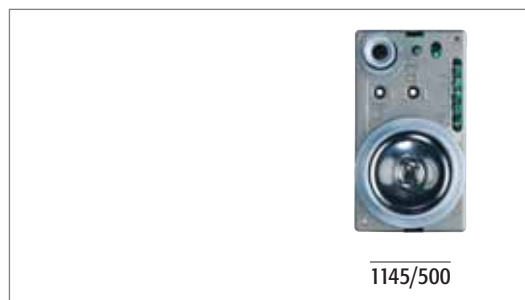
ABS plastic case, white, dimensions (W x H x D): 77 x 218 x 25 mm.



926/1

SPECIAL SOLUTIONS

Easivoice mod.926



POWER UNIT

926/3

Power unit for intercom service

- Power supply: 110-230 Vac - 50/60 Hz
 - Power: 38 VA
 - Secondary: 11.5 V = 0.6A \diamond 24 V = 40 mA \diamond 24 V = 10 mA
 - Dimensions (W x H x D): 162 x 108 x 75 mm corresponding to 9 DIN modules
- Intercom systems with electrical door opener require a power unit for the door phone system in addition to the REF. 926/3 power unit. Refer to the reference diagrams for details on the models which can be used.

AMPLIFIED LOUDSPEAKING UNITS WITH ELECTRET MICROPHONE



✓ 1128/500

4+n with audio loudspeaker unit with adaptor for 725 - 625 - AURA push button panels

✓ 1145/500

To be inserted in Sinthesi panels with door unit arrangement.
Power: 6 Vdc
Consumption: 15 mA no-load; 80 - 100 mA load.

ACCESSORIES

926/4

Table mounting kit, white, with cord and socket.

SPECIAL SOLUTIONS

Intercom mod.8202

urmet

Communication runs along a wire.
Even at 230 V AC.

Which means communicating through the electricity current wire. This solution allows Door phones, pipelined wave interphonic devices, to very easily place various devices in communication with each other.



CARRIER FREQUENCY INTERCOM SYSTEMS

These are carrier frequency devices, i.e. devices which modulate the voice signal frequency and transmit it on the 230 Vac electrical mains wires. Consequently, simply plug the intercom device in a normal power socket to communicate with other intercom devices connected to the same mains and the same phase.

8202/1

Single station with two conversation channels, grey.

8203/1

Single station with three conversation channels, grey.





2GO!

The video door phone system with 2 non polarised wires that simplifies life and offers absolutely delightful performances, like colour as standard. Making it possible to manage up to 32 users.



BIBUS V.O.P.

Il sistema che, con due coppie di fili non polarizzati, permette la realizzazione di un impianto misto fino a 250 utenti e 12 postazioni di chiamata, con segreto di conversazione e centralino di portineria.



DIGIVOICE

The most advanced solution for door phone systems, including extended versions, with handsfree, traditional or mixed door phones, including video door phones. With the possibility of connecting up to 5 concierge control units in parallel on the same system.



DOOR OPENING SYSTEMS

The new approach to locks: proximity key, magnetic key, code pushbutton panel, bi-technology key. All the solutions you need to improve security, with the possibility of managing from 1 to 551 keys/users. The solution to all those complex communication questions in the building. With maximum simplicity.

2GO! system mod.1082	p. 128-136
Bibus V.O.P. mod.1072	p. 137-141
Digivoice mod.1038	p. 142-147
Door opening systems mod.1103/1105/1156	p. 148-149

Urmet's 2GO! 2-wire system is now the heart of Urmet solutions, not only for complex installations, but as a solid base for future building communications.

With 2GO! you have the option of colour (the colour video camera is standard), parallel connection of up to 4 monitors in the apartment without the need for extra power supplies, the option of door phone communication within the apartment and between the apartments of up to 8 calls.

With just 1 power unit in the system and 2 non polarised wires in any part of the building it is possible to install for up to 62 users and up to 3 audio/video call stations. All of this with the widest selection of entrance panels and monitors.

Everything you ever dreamed
is easier with two wires.



Just two wires to give
both imagination and
technological freedom.

Installation and programming simplicity even in the most complex of installations, where all settings can be programmed via dipswitch by just one person.

Non polarised 2-wire technology is the ideal solution for simplifying any system and halving times with respect to traditional systems. With excellent compatibility in the choice of Urmet monitors: Genya, K-Steel, Smyle and the futuristic Utopia.

2GO! offers the chance to exploit the new video door phone answer phone whereby, due to a single device in the system and without extra wiring, individual users have not a simple frozen image but a video clip of the visitor with date and time indication.

2GO!



Easy, rapid and, more than just convenient ... ingenious! And with 2GO! you can create a hybrid door phone communication system (between different apartments or in the same apartment) of up to 8 calls without extra devices and wiring. Or activate up to 3 entrance panels without relays, even in primary-secondary modes, plus audio-video auto insertion.

And there's more: programme cyclic surveillance on 4 external video control cameras or convenient interface with PABX without added column wiring.



1 to 62 homes
linked.
At unbelievable
speed.

Imagine finding yourself faced with a 62-home apartment block.

Imagine there are 2 stairwells from the same entrance. Then imagine starting from the two initial power supplies and with just one wire reach the top in just one step.

Because with 2GO! you need only ask: it offers you only the best, the easiest, the fastest ... and is for everyone.



INTEGRATED SYSTEMS

2GO! system mod.1082

7 second video film

Up to 8 videos per user

Date and time for each sequence

Possibility of remote transmission with MMS

Up to 32 users

Video doorphone memory module service system for everyone: like being at the cinema.


To date the only possibility for keeping track of the calls received while you were out has been to buy, for each individual user, a specific video door phone, with an image module able to memorise individual photographs. And therefore involving high costs when trying to obtain simple image freezes.

Urmet's 2GO! Completely revolutionises the solution to any such needs, with a device boasting absolutely exclusive features.

With simply 9 DIN modules, bar inserted, the entire building can be served, without obliging users to choose a dedicated video door phone. Moreover, an individual apartment can be provided with the most preferred and most appropriate "standard" video door phone relative to the user's spending power.

The result is a single modest expenditure, distributed among all users, for a filmed video door phone secretariat. That's right, filmed - because instead of producing a simple 2GO! image freeze it makes a short 7 second film available for each call received (up to 8 for each user). Obviously each user can only access the memory area dedicated to the him. The device covers up to 32 apartments and can also be implemented on existing 2GO! systems.



Urmet's 2GO! offers you the advantage of colour ready:  the colour video camera is standard on the call station, leaving each user completely free to choose an internal colour or b/w monitor.

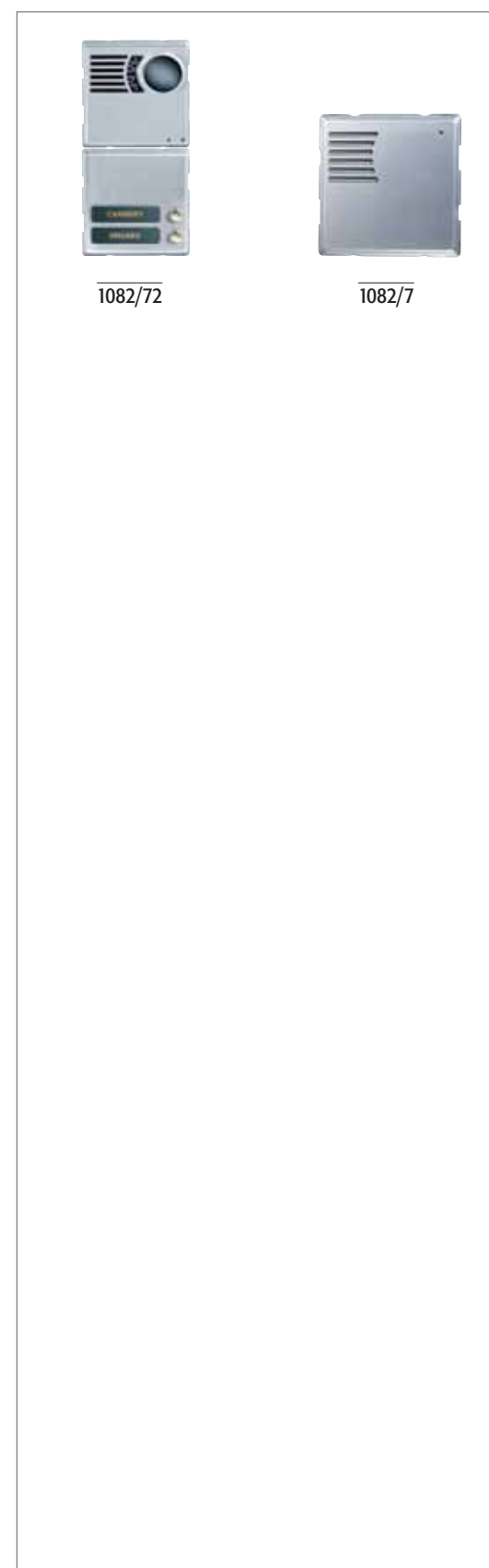


100% innovative the code programming management which, via a module-incorporated infrared port, can be activated from a PDA and remotely via GSM modem. Think of the installation simplicity it offers, even and especially for complex systems, such as those for up to 62 users: programme the entrance panel, without opening it.

2GO! and Digivoice with Gateway: for projects now and in the future.

The aim of Urmet's 2GO! is to simplify both installation and the management of more complex systems. Thanks to its exclusive expandability 2GO!, via its Gateway "translator" device, offers optional interconnection of many different buildings on a single Digivoice network. Indeed, Gateway's function is to translate code, thereby allowing cabling, with 2 non polarised wires, of all users and individual buildings and have a backbone common to the entire complex with just 9 wires. In this way all the benefits of the Digivoice system are available (unlimited number of input connections and up to 5 main door control units) while maintaining 2GO!'s programming and wiring simplicity. With the option to cover no less than 255 buildings (or detached houses or stairs), where necessary adding 2 secondary entrances to each.





BASIC ELEMENTS

- ✘ **1082/72**

The 2GO! video doorphone door speaker unit
is complete with loudspeaker, microphone and color TV camera.
It is equipped with 2 buttons to call 2 users.
It is equal in size to 2 Sinthesi modules.

- ✘ **1082/7**

Doorphone door speaker unit.
Complete with loudspeaker and microphone and is used as secondary in 2GO! systems; the installation must however include at least one door speaker unit 1082/72.
It is equal in size to 1 Sinthesi module.

- ✘ **1082/10**

2GO! entrance panel Genya anthracite
Wall-fitted video entrance panel for 2GO! systems Complete with speaker, microphone, colour video camera and 2 individual call buttons.

- ✘ **1082/11**

2GO! entrance panel Genya grey
Wall-fitted video entrance panel for 2GO! systems Complete with speaker, microphone, colour video camera and 2 individual call buttons.

- ✘ **1082/13**

2GO! call module on Sinthesi
Fitted on 2 Sinthesi modules, with speaker and microphone.
Including an electronic index and numeric keypad, two 2GO! modules can be fitted for up to 62 users. Supplied without embedding box.

- ✘ **1082/14**

2GO! call module On K-Steel.
Fitted on 2 K-Steel modules, with speaker and microphone. Including an electronic index and numeric keypad, two 2GO! modules can be fitted for up to 62 users.
Supplied without embedding box.

- ✘ **1082/20**

2GO! video power supply unit
Pre-engineered for fitting on DIN bar (10 modules).
The only one present in the system, it supplies both bus and video power.
Pre-engineered for 5-branch connection which may be outside stations or stair risers according to type of system.
Power supply: 230Vac, 50Hz.

- ✘ **1082/40**

Genya anthracite button module for digital systems
Genya expansion module for 2GO! and Bibus systems.
Ready for installation with 10 individual or 5 double call buttons.

- ✘ **1082/41**

Genya grey button module for digital systems
Genya expansion module for 2GO! and Bibus systems.
Ready for installation with 10 individual or 5 double call buttons.

BASIC ELEMENTS

- ✘ **1082/101**

2GO! loudspeaking unit audio system for Genya
For use in 2GO! entrance panels
Audio or entrance video with external video camera.

- ✘ **1128/44**

Genya housing for loudspeaking unit Bibus and 2GO! audio systems. Anthracite
Ready for assembly of loudspeaking units 1072/28 and 1082/101.
With 4 individual call buttons. Back lighting with colour options

- ✘ **1128/45**

Genya housing for loudspeaking unit Bibus and 2GO! audio systems. Grey
Ready for assembly of loudspeaking units 1072/28 and 1082/101.
With 4 individual call buttons. Back lighting with colour options

- ✘ **1706/1 ^{^^}**

Fitted colour monitor with hands-free 2GO! communication
Bracket for PART NO 1705/82 electronic function and PART NO 1082/51 single distributor
With provision for floor call and call repetition.

- ✘ **1706/60 ^{^^}**

Embedding box for monitor 1706/1

- ✘ **1705/701**

Wall bracket kit for Artico monitor PART NO 1705/1
Bracket for PART NO 1705/82 electronic function and PART NO 1082/51 single distributor
With provision for floor call and call repetition.

- ✘ **1703/701**

Wall bracket kit for Utopia monitor PART NO 1703/1
Bracket for PART NO 1703/82 electronic function and PART NO 1082/51 single distributor
With provision for floor call and call repetition.

- ✘ **1702/701**

Wall bracket kit for Atlantico b/w monitor 1702/1 and color 1702/40.
Consisting of bracket with operating electronics 1702/82 and single-user distributor 1082/51. Pre-engineered for call to the floor and for call repeat.
May also include key add-on 1082/96.

- ✘ **1082/80**

2GO! special decoder
Used for activation of loads by users, opening of vehicle entranceways, switching on of stair lights or other forms of activation through closing/opening of a contact.
Fitting on DIN bar (6 modules)

- ✘ **1038/17**

16-user expansion module
Small module to be connected to outside stations 1082/72 and Ref. 1082/7. To increase the number of call buttons that can be managed. Each expansion module controls 16 buttons.



^{^^} Available from March 2007

BASE ELEMENTS



1182



1782/502



1782/511

✘ 1182

2GO! doorphone

With Atlantico styling, it comprises a door release key plus 3 keys for additional services or for intercom calls. It also features 3-position call regulation with mute function and mechanical on/off readout. Pre-engineered for call to the floor or for call repeat.

✘ 1182/1

2GO! door phone Utopia

On Atlantico panel, fitted with door opening button plus 3 additional service or door phone call buttons. It also offers 3-position call adjustment with mute function and mute enabled/disabled mechanical indicator. With provision for floor call and call repetition.

✘ 1782/501

2GO! single-family video kit

The Kit includes:
Door speaker unit with TV camera
Embedding box with surround and module-holder frame 1145/62
Power supply unit on 10 DIN module bar 1082/20
1 Atlantico video doorphone system 1702/1 c/w bracket 1702/82

✘ 1782/502

2GO! semi-detached home video kit b/w

The Kit includes:
Loudspeaking unit with video camera PART NO 1082/72
Embedding box 1145/62 with frame and module housing PART NO 1145/62
Power unit on bar 10 DIN modules 1082/20
2 Atlantico Video door phones PART NO 1702/1 complete with bracket PART NO 1702/82
1 single distributor PART NO 1082/51

✘ 1782/511

2GO! b/w detached home kit with Smyle

Kit with 2-wire non polarised 2GO! system
Composed of a 1-button Smyle entrance panel, 1 Atlantico monitor with related brackets and power unit.
Utopia PART NO 1703/1 complete with bracket PART NO 1703/82.

✘ 1782/512

2GO! semi-detached home kit with Genya

Kit with 2-wire non polarised 2GO! system
Composed of a 2-button Genya entrance panel, 2 Atlantico monitors with related brackets and power unit.

✘ 1782/531

2GO! colour detached house kit

The Kit includes:
Exterior Position with Telecamera
Embedded box 1145/62 with frame and modules carrier rack 1145/62
Power unit on bar 10 modules DIN 1082/20
1 Utopia 1703/1 Video door phone complete with bracket 1703/82

BASE ELEMENTS

✘ 1782/532

2go! semi-detached home colour video kit

The Kit includes:
Loudspeaking unit with video camera PART NO 1082/72
Embedding box 1145/62 with frame and module housing PART NO 1145/62
Power unit on bar 10 DIN modules 1082/20
2 Utopia Video door phones PART NO 1703/1 complete with bracket PART NO 1703/82
1 Distributor PART NO 1082/51

✘ 1082/90

2GO! 1-pair cable

100-meter skein Consisting of 1-mm² pair. Outer diameter 7 mm

✘ 1082/94

2GO! 2-pair cable

100 metre reel Composed of 2 1mm² pairs

✘ 1082/96

Add-on key module for Atlantico b/w and color monitors

To be used for the intercom service if more than 2 calls are required and to activate any additional services using special decoders. It is equipped with 6 buttons for these functions and also features a switching device and 2 leds for activation (and related readout) of the automatic door release and door open alert service.



1082/90



1082/94



1082/96

SPARE PARTS

✘ 1705/82

2GO! bracket for Artico monitor

✘ 1702/82

2GO! bracket for Atlantico b/w monitor 1702/1 and color 1702/40.
Pre-engineered for call to the floor and for call repeat.

✘ 1703/82

2GO! bracket for Utopia monitor

✘ 1082/51

Single-user distributor

to be combined with brackets 1704/82 and 1702/82.
Dimensions (w x h x d) 4 x 4 x 2 cm

✘ 1082/100

2GO! colour video camera unit For Genya



1705/82



1702/82



1082/51

INTEGRATED SYSTEMS

2GO! system mod.1082



SPARE PARTS

- ✘ **1082/102**
Smyle entrance panel for 2GO! kit

- ✘ **1082/121**
Power unit for 2GO! kit Smyle

ACCESSORIES



1082/80



1082/50



1082/67

- ✘ **1202/98**
Digivoice wall bracket with coax for Atlantico b/w and color monitor.
Makes it possible to set up Digivoice video installations using the b/w Atlantico monitor 1702/1 and color 1702/40.
To be used with decoders 1038/35 and 1038/38.

- ✘ **1082/80**
2GO! Special decoding
Used by users to activate loads, opening of vehicle transit accesses, stair lights or other activations via the closing/opening of a contact. Assembly on bar DIN (6 modules)

- ✘ **1082/67**
2GO! 4+n interface with video
Makes it possible to use Urmet Domus Mod.1332 telephonic control units within apartments or offices. It can also be used to realise 2GO! mixed systems and '4+n' wires analogue door phones.
Installation on bar, 6 DIN modules

- ✘ **1082/88**
2GO! Video memory module
Single centralised memory module for the entire system. Memorises 8 sequences 7" video for each user (max 32 users).
Possible to send films via MMS to a cell phone using modem GPRS UTD 1082/52. Power unit provided.
Assembly on bar, overall dimensions 10 DIN modules.

- ✘ **1082/50**
Gateway 2GO! Digivoice
Makes it possible to create systems with 2GO! stays combined with a Digivoice dorsal, with Digivoice common exterior positions and concierge control units.
Each gateway manages up to 32 users on the 2GO! dorsal, and it is possible to use up to 255 for each system. Assembly on bar DIN (10 modules)

- ✘ **1038/69**
4 inputs 1 output video commutator
Wall support assembly

- ✘ **1082/52**
GPRS Modem
To be used together with UTD 1082/88 secretary for sending MMS

INTEGRATED SYSTEMS

Bibus V.O.P. mod.1072

urmet

BibusVOP System. The power of the image.



Ideal for any system: from an individual small block of apartments through to a multi-building residential complex.
With Urmet's Bibus Video Over Power just two pairs of non polarised wires are needed for a mixed system – door phone and video door phone - involving up to 250 users and 12 call stations, with conversation confidentiality and concierge control unit. Because Bibus Video Over Power constitutes an innovative evolution of the digital system, though with reduced wiring, guaranteeing more performances with less wires. And with the advantage of being able to design systems up to a distance of 600 metres, without the aid of amplifiers.

Digital calls increase performance.

Bibus V.O.P. video door phone systems for up to 250 users, with conversation confidentiality in black and white or colour; option to control up to 12 video door phone call stations, or hybrid systems with up to 10 secondary stations; option to use traditional entrance panels, call modules with numerical or alphanumeric code, together with electronic index, and the large selection offered in the Urmet catalogue (Synthesi, Domus Aura, K-Steel and Mod. 725); up to 3 parallel devices (door phone and video door phone) for each apartment, without extra power supplies; strong system flexibility with configurations with or without floor video distributor; and selector ring tones, volume adjustment and extensive video/door phone/telephony integration options. With special decoders and auxiliary buttons on the monitors and door phones other services can be controlled, such as switching on stair lights, opening secondary access points or vehicle entrances, without supplementary wires. In addition, the Bibus Video Over Power system makes it possible to enjoy a wide variety of installable monitors: from the Sentry range to Atlantico for black and white, to the Atlantico range for colour; with the option of parallel bus configuration without supplementary power supplies.



BASIC ELEMENTS



1072/7



1072/5



1072/13



1072/14



1705/954

✘ 1072/19A

18-button digitiser with integrated P.E.

Suitable for installation on various types of entrance panel including Mod. 725, DOMUS AURA on two rows, the dual KOMBI module Handles 18 base keys expandable to 82 using optional modules Ref. 1038/17.
For Bibus II Edition installations with up to 3 main call stations, no terminal programming is required; for installations with more than 3 main call stations or with secondary call stations, the Ref. 1032/65 and Ref. 1072/60 programming devices must be used or the Ref. 1072/58 kit.

✘ 1072/7

18 button digitiser with built-in speaker unit on Sinthesi module.

Digitiser with door unit (no buttons) has the size of one Sinthesi module. The functional characteristics are the same as the Ref. 1072/19A.

✘ 1072/5

18 button digitiser with built-in speaker unit on K-STEEL module

Digitizer with outside door speaker unit and two keys on K-STEEL module. Same functional characteristics as REF 1072/19A.

✘ 1072/13

Digital call module with electronic repertory on Sinthesi design.

The module consists of 2 Sinthesi modules and is equipped with a built-in door unit, an electronic repertory with LCD and back-lit keypad. It is provided without flush-mounting box, frame or module holder case.

✘ 1072/14

Digital call module with electronic repertory on K-Steel design

The 1072/14 call module is constructed on 2-module K-STEEL mechanics. Furnished without embedding box, module-holder frame and frame. Back-lit 2 row x 16 character alphanumeric display.

✘ 1072/28

Genya loudspeaking unit audio for Bibus system

Bibus electronics, speaker and microphone supplied. For internal installation of mods 1128/44 and 1128/45

✘ 1128/44

Genya housing for loudspeaking unit Bibus and 2GO! audio systems. Anthracite

Ready for assembly of loudspeaking units 1072/28 and 1082/101. With 4 individual call buttons. Back lighting with colour options

✘ 1128/45

Genya housing for loudspeaking unit Bibus and 2GO! audio systems. Grey

Ready for assembly of loudspeaking units 1072/28 and 1082/101. With 4 individual call buttons. Back lighting with colour options

✘ 1705/954

Bibus VOP bracket for Artico monitor

Connection with only two non-polarised wire pairs (in column or apartment). Six selectable ringer tones for video door phone calls and floor calls.

BASIC ELEMENTS

✘ 1202/954

Bibus VOP bracket for Winflat + and Winspot + monitors

Connection with only two non-polarised wire pairs (in column or apartment). Six selectable ringer tones for video door phone calls and floor calls.

✘ 1732/957

Bibus VOP bracket for Scatitel video module 1732 DE system.

To be arranged next to 1072/41 switchboard.

✘ 1703/957 ^^

Bibus VOP bracket for Utopia monitor w/ handset

✘ 1172/40

Basic door phone with individual decoding on Atlantico design

Dedicated to the Bibus system for direct connection to the upright column. Provided with control unit call key and key for supplementary services. ABS Container with dimensions (L x H x D): 90 x 220 x 69 mm; colour, white.

✘ 1172/45

Comfort door phone with individual decoding on Atlantico design

Like the UTD 1172/40 door phone but with call volume adjustment, 'mute' function with indication led, 6 different bells selectable for the door phone call and floor call, automatic door-opening function, following the door phone call. ABS container with dimensions (L x H x D): 90 x 220 x 69 mm; colour, white.

✘ 1172/46

Comfort door phone with individual decoding on white color Utopia design

Like the UTD 1172/40 door phone but with call volume adjustment, 'mute' function with indication led, 6 different bells selectable for the door phone call and floor call, automatic door-opening function, following the door phone call. ABS container with dimensions (L x H x D): 90 x 220 x 69 mm; colour, white.

✘ 1074/54

Video floor distributor VOP 4 users

For use in systems with floor distribution. No dedicated power supply is needed.

✘ 1795/40

DE video distributor

For distribution of video signal between primary and secondary in VOP systems.

▲ ✘ 1742/13A

Adapter device for cameras

For using 1745/70, 725/600, 1810/70 and 1855/70 cameras in Bibus VOP systems.

✘ 1074/20

Bibus VOP power supply unit

To power a video door phone column in VOP system. Arranged for assembly on DIN bar (10 modules).

^^ Available from March 2007



1172/45



1202/954



1172/46



1742/13A

BASIC ELEMENTS



- ✘ **1072/24**

Bus coupler with transformers
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. Bar fitted, 12 DIN modules.

- ✘ **1072/42**

New Bibus Control Unit
To be used in Bibus V.O.P. systems; the main features include: interception of calls coming from call positions, communication from and to all interior positions, Day/Night service, electronic directory with names of tenants, memorisation of failed calls.

ACCESSORIES



- ✘ **1074/90**

VOP system wire
100 metre reel. Consisting of one 1 mm² double wire and 0.75 mm² double wire. External diameter 7 mm. Impedance 100 ohm. Flame resistant.

- ✘ **1795/250**

DE signal regenerator
Adapts the VOP video signal with several switching video door units when one or more units are installed very much further away from the 1074/20 power supply unit.

- ✘ **9000/230**

18 VA safety transformer 230 Vac - 50/60Hz
12 Vac, Bar mounted (3 DIN modules)

- ✘ **1038/17**

16-pushbutton expansion module
Must be used with digitizers REF. 1038/62 and REF. 1038/5 to increase the number of call keys. Each REF. 1038/17 expansion module manages up to 16 call keys. Multiple expansion modules can be connected via loop-through wiring.

- ✘ **1072/67**

Bibus Interface For Scaitel Switchboard
For use of Urmet Domus Mod. 1332 Scaitel Agorà switchboard in a Bibus system, keeping several functions such as: call/conversion to a BIBUS Porter's Lodge Switchboard, open door function, floor call, special services. Wall mount installation.

- ✘ **1072/80**

Bibus special decoder
Permits relay-based control of electric loads (switching on of the stair lights, opening of main entrance gates etc.) with bi-stable or monostable functioning. The command may be invoked using the key on the door phone, from the main entrance switchboard, from a digitised outside door speaker unit. Wall surface mounting installation

ACCESSORIES

- ✘ **1038/74**

Sinthesi alphabetic keypad
Combined to Ref. 1072/13 calling modules for using alphanumeric calling codes. Back-lit keys. One Sinthesi module in size.

- ✘ **1038/73**

K-Steel additional alphabetic keypad
Same features as the REF. 1038/72, but constructed using a K-Steel module. Must be used with REF. 1038/16 module. Supplied without flush mounting back box, chassis and perimeter frame.

- ✘ **1072/59**

Supplementary three-tone ringing for BIBUS
For use only with comfort phone REF. 1172/32 and porter's lodge phone REF. 1172/33. Ring tone modification option. Power supply via internal 9 VDC battery. Wall mount installation. Size: (LxHxD): 80 x 80 x 32 mm

- ✘ **1072/60**

Programming Adaptor
Required for interfacing the REF. 1032/65 keypad for programming various devices.

- ✘ **1032/65**

Alphanumeric programming keypad

- ✘ **1072/57**

Cable for programming directories from the PC

- ✘ **1072/58**

BIBUS programming kit
Includes TD 1072/60 adaptor, REF. 1032/65 keypad and the REF. 1072/57 cable.

SPARE PARTS

- ✘ **1072/113**

Basic circuit for call module Ref. 1072/13

- ✘ **1072/130**

Handset for foor phone switchboard
REF. 1072/40, REF. 1072/41, REF. 826/18, REF. 1032/40.



Digivoice. The digital system - thinking big.

Digivoice is, today, the most advanced solution for door phone systems, including extended systems, with hands free door phones, micro telephone traditional versions, or mixed.

The same systems can be video door phones. With Digivoice, in addition, there will no longer be any engaged signal, so typical of other systems, because it is possible to carry out two contemporary conversations from main call stations and further conversations are always permitted from secondary call positions. Digivoice makes it possible to connect up to 5 main entrance control units in parallel on the same system, with function programming freedom: making all control units ring or assigning distinct roles, which can be transferred from one control unit to another.



The digital system that
knows how to multiply itself
- to infinity and beyond.

Digivoice, indeed, offers easy installation of extended door phone and video door phone systems, with unique features such as two simultaneous conversations with double phonic line, traditional or hands free internal positions, a number of main entrance control units in the same system, with global or partial configuration. So it is possible to make or receive calls from any other internal position within the system. Interfacing is provided relative to the access control and telephonic area.



BASIC ELEMENTS

- ✎ **1038/13**

Sinthesi multilingual calling module with electronic repertory
The module consists of 2 Sinthesi modules and is equipped with a built-in door unit, an electronic repertory with LCD and back-lit keypad. Arranged for 16 languages. Provided without flush-mounting box.
- ✎ **1038/16**

K-Steel call module with electronic directory
Same features as REF. 1038/12, but with K-Steel styling. To complete installation, flush mounting back box with module chassis, perimeter frame and tamper-proof screws must be purchased separately.
- ✎ **1038/7**

Sinthesi module digitiser with integrated speaker unit
Digitiser with door unit without buttons (1 Sinthesi module). The functional characteristics are the same as the 1038/62.
- ✎ **1038/5**

K-Steel module digitizer with integrated speaker unit
Same features as REF. 1038/12, but constructed using a K-Steel module with 2 call keys. Supplied without flush mounting back box, chassis and perimeter frame.
- ✎ **1038/62**

Digitizer with integrated speaker unit
Manages 8 basic call keys, and can be expanded up to 104 call keys by means of REF. 1038/17 expansion modules. Can be installed in Model 725 two-row entrance panels or Kombi entrance panels REF. 825/15, REF. 825/16 and REF. 825/17.
- ✎ **1038/20**

Basic power supply unit with circuit breaker (IMQ mark)
Supplies main voice line and data line. In the event of a short circuit, unit isolates the faulty item to ensure that the rest of the system can continue to operate. 230 V AC - 50 VA power supply. Installation on 10-module DIN rail.
- ✎ **1038/25**

Additional power supply unit
Power 230/110VAC. Mounted on 4 DIN module bar.
- ✎ **1038/21**

Back-up power supply
To be used in Digivoice systems to ensure operations also in the event of a black out. To be used with REF. 1038/20 (battery not included).
- ✎ **1038/40**

Door phone table mounted switchboard



BASIC ELEMENTS



1038/6



1138/3



1138/4

❖ 1038/34

Four user decoder

Module to be fitted in various Digivoice systems for floor switching. Electronic door phones 1138 or 1138/2 can be used with the device. Wall surface mounted.

❖ 1038/35

Four user decoder for video, floor call and door open LED

Module for use with various types of Digivoice system with floor junction box. The 4-user decoder is suitable for use with electronic phones REF. 1138, or REF. 1138/2, or REF. 1138/6, or REF. 1138/7 or monitor bracket Sentry REF. 1704/92. Wall mount installation.

❖ 1038/38

8-user decoder for video and door open LED

Module for use with various types of Digivoice system, with floor junction box. The 8-user decoder is suitable for use with electronic phones REF. 1138, or REF. 1138/2, or REF. 1138/6, or REF. 1138/7 or monitor bracket Sentry REF. 1704/92. DIN 10 rail installation on modules or wall mount.

❖ 1138/3

Electronic door phone with 2 keys, white

Atlantico design
Provided with door-opening key and keys for call to control unit and auxiliary services. It must be used with the UTD 1038/34, UTD1038/35 and UTD 1038/38 decodings. ABS container with dimensions (L x H x D): 90 x 220 x 69 mm; colour, white.

❖ 1138/4

Digivoice door phone on Utopia design.

Fitted with 2 exchange call buttons and additional services, it offers call volume adjustment and mute function with mechanical status indicator.

❖ 1138/31

Door phone with built-in single-user decoder

Featuring Scaitel styling, door phone is intended for the Model 1038 system with direct connection to the apartment riser cable. Provided with door lock release key, call switchboard key and auxiliary services key. Standard apartment call function. ABS case, dimensions (W x H x D): 90 x 220 x 69 mm.

❖ 1138/18

Digivoice special door phone

Door phone with integral single-port decoder, provided with alpha numeric keypad, door lock release key and function keys. Can receive calls from other apartment stations, store up to 10 unanswered apartment station calls in memory, and make calls to any other apartment station. Installed on the wall or on a table using the tabletop mounting conversion kit supplied together with the unit as standard equipment.

BASIC ELEMENTS

❖ 1138/6

Hands-free door phone

Featuring Scaitel styling, hands-free doorphone is intended for the Model 1038 system. In addition to the PTT and door lock release keys, it is provided with call switchboard key, auxiliary services key, mute function, automatic door opener and volume control. Must be used with REF. 1038/35 4-port decoder. ABS housing, dimensions (W x H x D): 90 x 220 x 42 mm.

❖ 1138/7

Hands-free door phone for special systems

Similar to the REF. 1138/6 door phone, but designed for use in special applications such as hospitals and rest homes where higher volume levels are required for calls to and from the guard door switchboard station.

❖ 1202/98

Atlantico bracket for Digivoice systems

❖ 1705/92

Artico bracket for Digivoice systems

Allows Digivoice video installations using the Artico monitor PART NO 1705/1. For use with the PART NO 1038/35 and PART NO 1038/38 decoders

❖ 1732/92

Scaitel Model 1732 bracket for Digivoice systems

Used to install any Model 1138 door phone (including hands-free unit) alongside REF. 1732/1 module to set up Digivoice video systems. Can also be used with REF. 1038/40 switchboard station.

❖ 1703/92

Utopia bracket for Digivoice systems

Allows Digivoice video installations using the Utopia monitor PART NO 1703/1. For use with the PART NO 1038/35 and PART NO 1038/38 decoders

❖ 1703/94

hands/free Utopia bracket for Digivoice systems

Allows Digivoice video installations using the Utopia hands free monitor PART NO 1703/2 and PART NO 1703/3.

❖ 789/2

Video power supply unit 230 Vac - 28 VA

Installation on 7 DIN module bar or wall-fitted.

❖ 789/3

Additional local power supply unit for additional monitors

To power three additional Winflat Mod. 1202 video house phones or two additional Sentry Mod. 1704 video house phones connected in parallel to a main video house phone. Protected by means of self-resetting electronic fuses. Can be bar or wall surface mounted.

- Power: 230Vac - 50/60 Hz
- Output: 38 VA
- Dimensions (one unit) (W x H x D): 126 x 96 x 75 mm corresponding to 7 DIN modules.



1705/92



1202/98



1703/92

ACCESSORIES



1038/74



1038/73



1038/56



1038/90

- ✘ **1038/74**

Sinthesi additional alphabetic keypad add-on
Combined to 1038/13 calling modules for using alphanumeric codes. Back-lit keys. One Sinthesi module in size

- ✘ **1038/73**

K-Steel additional alphabetic keypad
Same features as the REF. 1038/72, but constructed using a K-Steel module. Must be used with REF. 1038/16 module. Supplied without flush mounting back box, chassis and perimeter frame.

- ✘ **1038/56**

Multi-lingual programming terminal
Provided with keypad and backlit 4x16 character LCD display. To be used to program entrance modules, digitizers and decoders. Supplied either via 9 V DC alkaline batteries or at 12 V DC from the doorphone system through programming cord connection.

- ✘ **1038/17**

16-pushbutton expansion module
Must be used with digitizers REF. 1038/62 and REF. 1038/5 to increase the number of call keys. Each REF. 1038/17 expansion module manages up to 16 call keys. Multiple expansion modules can be connected via loop-through wiring.

- ✘ **1038/90**

Rail DIN passive socket
It allows to connect the DIGIVOICE REF. 1038/55 programming terminal to the specific boss minidin connector, to program the DIGIVOICE devices connected to the system.

- ✘ **1038/67**

Digivoice / 4+n voice adaptor
For use of Urmet Domus Mod.1332 switchboards inside an apartment or an office. May also be used for creating Digivoice and analogue phone 4+n cable mixed systems. Wall mount installation.

- ✘ **1038/69**

Video switch 4 inputs-1 output
Useful when implementing multi entrance systems and may also be used for cyclical automatic activation of several auxiliary video cameras. Wall mount installation.

- ✘ **1038/70**

Guard door switchboard station/telephone interface or PABX adaptor
With this adaptor, calls made from main oREF.oor stations and from apartment stations to the switchboard station can be routed to any telephone connected to a PABX or to a telephone interface. Card to be installed in REF. 1038/40 guard door switchboard station.

ACCESSORIES

- ✘ **1038/80**

Special Decoder
For control of electrical loads via two power relays with timed bistable or monostable functioning. The command may be given via an apartment station button following an event, or by typing in a special code on a call module, porter's lodge switchboard or special phone. Wall mount installation..

- ✘ **1038/68**

Relay for Digivoice video entrance module
Optimizes video applications in Digivoice installations, in particular as regards the dual video door phone channel and audio/video signal synchronization. Wall mounted.

- ✘ **1032/9**

Relay device for special systems
Working voltage: 12/24VDC Maximum switchover voltage and current: 24VDC - 2A Dimensions (W x H x D): 79 x 87 x 43 mm.

- ✘ **1138/52***

Mute key + Digivoice LED kit
Kit to be installed in REF. 1138/2 door phones in combination with REF. 1038/35 decoders. Provides mute and door open signaling functions without having to install additional wires in the apartment riser cable.

- ✘ **1138/55**

Optional speakerphone circuit for hands-free door phone
Card to be installed in REF. 1138/6 and REF. 1138/7 door phone to enable hands-free operation.

* Available to end stock.

Softwares
D-VOICE: programming SW for entrance module REF. 1038/15.
PC-VOICE: function management SW for switchboard REF. 1038/40.

Available in the Downloads area at <http://www.urmetdomus.com>



1038/68

www.urmetdomus.com

INTEGRATED SYSTEMS

Door opening systems mod. 1103 / mod.1105 /



A touch, a gesture and locks are a thing of the future.

Urmet offers all the best technological solutions to replace the traditional key: digital door opening systems.

With various activation systems, ready to resolve any system situation: from the proximity key, passed over the reader, to the magnetic key which is simply put in contact with the reader; from the password-protected entrance panel to the bi-technology key, which embraces both radio-control and proximity key. With so many advantages for security, like programming keys for "limited" access, both in space and time; or, where the key is lost, programming can immediately be changed to block use of the lost item. The applications of Urmet's door-opening systems are infinite - managing from 1 to 551 keys/users.



Code pushbutton panel door opening key.

Proximity key reader.

urmet

mod.1156

DOOR OPENER MODULES - KEY

- ✓ **1103/2**
Door opener module with proximity key reader in one Sinthesi module
 The module can manage up to 500 keys. Up to 1000 can be managed by adding optional memory unit 1102/51 and up to 2000 with memory unit 1102/52. The same key can be stored in several modules. Power 12 Vac or 12 Vdc. Provided without flush-mounting box, frame or module holder case.
- ✓ **1103/3**
Door opener module with proximity key reader in one K-Steel module
 Same characteristics as 1103/2 with K-Steel design. Occupies the space of one module and is provided with flush-mounting box, frame or module holder case.
- ✓ **1125/50**
 Proximity key for REF. 1103/1 (set of ten)
- ✓ **9000/230**
 18 VA safety transformer 230 Vac - 50/60Hz 12 Vac, Bar mounted (3 DIN modules).



ACCESSORIES

- ✓ **1102/51**
 Memory expansion for REF. 1103/2
- ✓ **1102/52**
 Memory expansion for REF. 1103/2



DOOR OPENER MODULES

- ✓ **1105/2**
Door opener module with code keypad in one Sinthesi module
 Manages up to 8 door opener codes (from 3 to 8 digits). Power 12 Vac or 12 Vdc. Provided without flush-mounting box, frame or module holder case.
- ✓ **1156/10**
Door opener module with code keypad in one K-Steel module
 With the same features as REF. 1105/1 but on a K-Steel push button panel module.
- ✓ **9000/230**
 18 VA safety transformer
 230 Vac - 50/60Hz 12 Vac, Bar mounted (3 DIN modules).



**PABX AGORÀ 2**

New modular exchange with 1-3 lines and up to 12 derivations in a single solution.

**ANALOGUES PABX**

An infinite range of solutions and applications to make the control unit dialogue with almost any line and with the door phone, including in voice synthesis.

**SCAITEL**

The series of door phones that adds door phonemunicating and telephonic functions to door phone and video door phone systems. Intelligent solutions that simplify the installer's work.

**DOMUS CELL**

The latest generation GSM interface, ideal for adapting to, and resolving, any dialogue requirement relative to Urmet systems and products and the GSM network.

**PROTECTION**

A series of devices to eliminate all risks of disturbances that might prejudice systems functioning: for power lines and telephonic lines.

Pabx Agorà 2 mod.1362	p. 152-158
Analogue Pabx mod.1332	p. 159-163
Door phone phones - Telephones	p. 164-166
'Domus Cell FX' interface mod.4201/2	p. 167
Protections and Accessories	p. 168-169

For Urmet, "telephony" means integration of leading edge technology, offering system communication, with different tasks but using the same means.

All of which led to the birth of the latest generation of PABX, with sophisticated abilities in managing mixed video door phone and telephone control units, even with GSM interface. Transforming a simple door service into an innovative system that, in addition to acting as a control unit, can also represent an efficient door phone communicating system.

The compact modular exchange
which grows as needs increase.
Intelligent, simple and affordable.

Finally – a 3-in-1 PABX. In fact, Urmet's PABX Agorà 2 can be split into modules according to needs of both now and tomorrow.

A single product configured as a kit which, in the basic version, offers up to 3 lines and 12 derivations, just by fitting a board. Ideal, therefore, for residential estates and offices, where an increase in line or derivative requirements is inevitable as time goes by.

Pabx Agorà 2 offers the great advantage of digital technology in a range of products normally offered as analogue, with all the benefits you might expect: PC and PDA programmable, compatible with all Director or Studio telephones, call management with memorisation capacity and data transfer to telephone extensions.

Excellent advantages also for the installer, starting from auto-recognition of the boards and launch configurations, or the optional DSL filter rendering the search for pre-existing filters a thing of the past.

With Pabx Agorà 2 there is also the option to use a Sinthesi 'telephonic' loudspeaking unit which, with just 2 wires, provides an entrance panel, useful e.g. in a medical studio where a bell with added listen function is required.

Pabx Agorà 2 offers the installer incomparable accessibility: with a series of pre-break points it is possible to 'insert' wires from any side, guaranteeing a perfectly 'clean' system. Furthermore, the wires are introduced to a self-blocking terminal strip, without screws.



The intelligent exchange speaks
to all telephones and the door phone.

PABX Agorà 2 is an intelligent, compact and modular solution also offering analogue telephone line connection along with DSL and ISDN (NT1+).

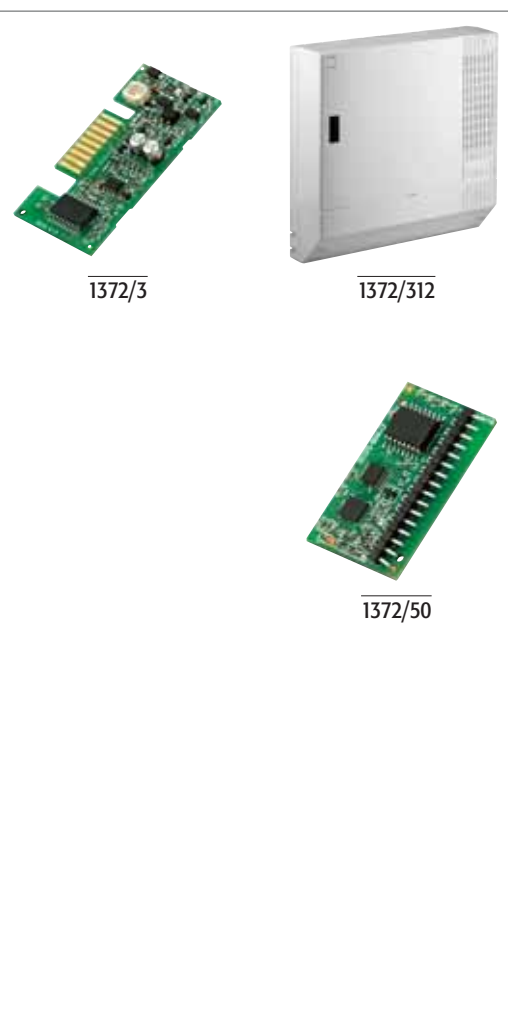
The digital technology adopted allows simultaneous use of all lines and derivations.

PABX Agorà 2 also offers a room monitor function, for constant control of any room with the option, for example, of enabling or disabling operation of: boiler, lighting, garden watering functions. Moreover, with the voice synthesis innovation you can activate important services, e.g. a hot line for emergency calls.

With the optional door phone, a call can be answered and the door opened from any derivation.



TELEPHONE EXCHANGES
AND DEDICATED HANDSETS



NEW

1372/312^{▲▲▲}

Base Pabx "Agorà 2" eq. 1/4
Base Pabx with actuator relay, complete with 1 urban line board PART NO 1372/2 and 4 derivation boards PART NO 1372/3.
Allows up to 3 Urban lines and 12 derivations, door phone board, IRDA board for PDA configuration and a USB/RS232 connection board for updating and programming via PC. Complete with manual and CD with "Scaitem2Net" PC application. Dimensions (H x W x D) 231 x 218 x 55 mm

NEW

1372/100^{▲▲▲}

Base Pabx "Agorà 2" eq. 0/0
Base Pabx with actuator relay as in PART NO 1372/312 but without urban line and derivations.
Allows up to 3 Urban lines and 12 derivations, door phone board, IRDA board for PDA configuration and a USB/RS232 connection board for updating and programming via PC. Complete with manual and CD with "Scaitem2Net" PC application.

NEW

1372/2^{▲▲▲}

1 UL expansion for Pabx Agorà 2
1 analogue Urban Line expansion board

NEW

1372/3^{▲▲▲}

1 Derivation expansion for Pabx Agorà 2
1 BCA or dedicated derivation expansion board.

NEW

1372/50^{▲▲▲}

USB/RS232 interface for Pabx Agorà 2
USB/RS232 interface complete with USB cable for PC connection, to update, configure and manage data traffic via the Scaitem2Net application provided on the Base Pabx CD, the updated version of which can be downloaded from www.urmetdomus.com

^{▲▲▲} Available from April 2007

TELEPHONE EXCHANGES
AND DEDICATED HANDSETS

NEW

1372/53^{▲▲▲}

1 DIGIVOICE door phone interface for Pabx Agorà 2
Interface for direct connection to digital door phone systems of Urmet Domus "DIGIVOICE" range.

NEW

1372/54^{▲▲▲}

1 BIBUS door phone interface for Pabx Agorà 2
Interface for direct connection to Urmet Domus BIBUS digital door phone systems.

NEW

1372/55^{▲▲▲}

1 1+n door phone interface for Pabx Agorà 2
Interface for direct connection to Urmet Domus 1+n door phone systems. Manages 3 calls with related door-opening button.

NEW

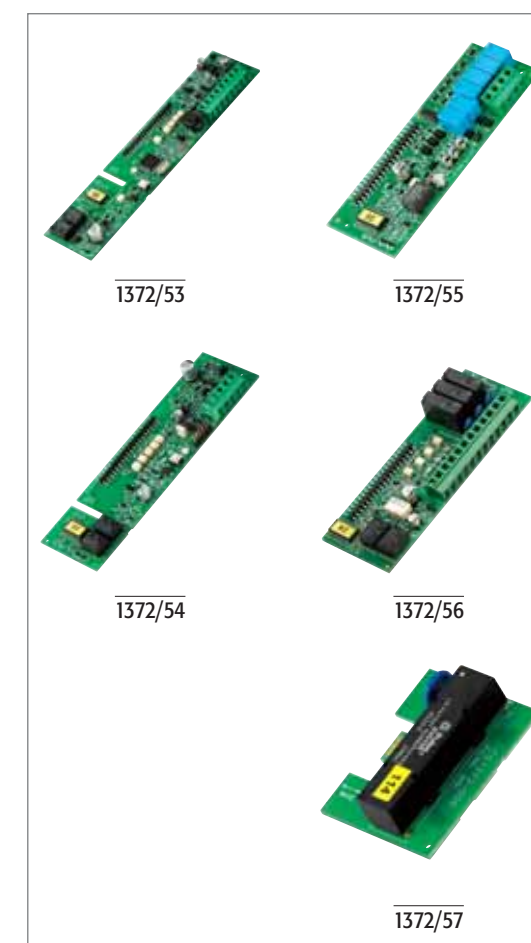
1372/56^{▲▲▲}

1 4+n door phone interface for Pabx Agorà 2
Interface for direct connection to Urmet Domus traditional 4+n door phone systems. Manages 3 calls with related door-opening button.

NEW

1372/57^{▲▲▲}

DSL filter for Pabx Agorà 2
Board with optimised filter for use on analogue Voice line with DSL data access. The terminal strips for DSL router connection are included on the base Pabx.



TELEPHONE EXCHANGES
AND DEDICATED HANDSETS



1372/58



4091/14



1362/6

NEW

1372/58 ^{***}

1 IRDA interface for Pabx Agorà 2

IRDA interface to configure the main Pabx functions via PDA (Palm®) and related Agoràterm application, the updated version of which can be downloaded from www.urmetdomus.com

4091/14

Director2 CL telephone, anthracite

Dedicated handset for 4-wire connection, with 'call identification' function, large display with 2 lines/16 characters each and 16 icons, digital volume adjustment of both listen and ringtone, wide choice of ringtones, handsfree function, 16 programmable buttons with associated LED, 10 buttons for direct and door phone functions, 250-entry number/name address book and last 20 calls received and made.

1362/6

Director2 top telephone, anthracite

Dedicated handset for 4-wire connection, with 'call identification' function, large backlit display with 2 lines/16 characters each and 16 icons, digital volume adjustment of both listen and ringtone, wide choice of ringtones, handsfree function, 16 programmable buttons with associated LED, 18 buttons for direct and door phone functions, SIM card reader, 250-entry number/name address book memory and last 20 calls received and made.

Compatibility Pabx Agorà 6 PART NO 1362/624.

NEW

4095/14

STUDIO CL multifunction telephone with call identification and LED fields, anthracite grey.

Dedicated multifunction handset, with DTMF pulse/tone selection, LCD display, 16 LED fields, 76 call memory with call identification (CLID), 80 number/name address book, 5 direct memory buttons, handsfree function, adjustable (flashing) call-back button, 16 different call ringtones with electronic volume adjustment, recall selection of last 16 numbers, LED call indicator and 'no Pabx return call' function.

- The telephone is approved for use downstream of the Pabx Agorà PART NO 1372/312 by Urmet Domus.

Note 1: Simultaneous connection of Director2 with Studio CL is not possible.

Note 2: To use the 'caller ID' service subscription may be necessary with the network provider.

^{***} Available from April 2007

Performance	1332/515	1332/528	1332/512	1372
Number of urban lines	1	2	3	1 ÷ 3
Number of internal derivations	5	8	12	1 ÷ 12
Number of simultaneous calls	3	5	7	8
Assisted voice-synthesis programming	✓	✓	✓	✓
Operator stations (max)				1
Manual Operator station Bridge function				✓
4+n door phone interface	✓	✓	✓	optional
1+n, DIGIVOICE and BIBUS door phone interface				optional
Number of 4+n door phone inputs	1	2	2	3
Derivation configuration as door phone (max)				3
Day/night function enabling classes	✓	✓	✓	✓
DISA service with day/night messaging	✓	✓	✓	✓
DISA service with JOLLY messaging				✓
Programmable DISA call-out time				✓
Automatic fax-switch separate from the DISA				✓
DISA and STANDBY customisable via PC and derivation				✓
Automatic and manual day/night switching	✓	✓	✓	✓
Day/night switching from external contact				✓
PAGING service on external amplifier	✓	✓	✓	✓
Direct PAGING service on Director2 telephone				✓
LED field telephones (direct connect) 1	2	2	3	3
Director2 TOP and CL telephones (direct connection) 1				8
Address book memory (numbers)	40	40	50	100
Blocked numbers table (black list)				✓
Authorised user programming	✓	✓	✓	✓
Programming of enabled numbers or prefixes	✓	✓	✓	✓
DIRECTOR 2 management with KTS base functions				✓
Derivation management as FAX/MODEM and ANSWERPHONE	✓	✓	✓	✓
Customisable 'line hold' music	✓	✓	✓	✓
Connection to external music source	✓	✓	✓	✓
Remote DTMF programming	✓	✓	✓	✓
Updating and programming via PC serial port	optional	optional	optional	optional
Updating and programming via PC USB				optional
PDA programming via IRDA				optional
Plug'n'play boards				✓
Actuator relay verification via PC	optional	optional	optional	optional
Relay, power and enabling verification via telephone and PC				✓
Call charge and call time control		pulse	pulse	time
Clock with back-up	optional	optional	✓	✓
Automatic daytime saving update				✓
Alarm clock function	✓	✓	✓	✓
HOTLINE service	✓	✓	✓	✓
Local and remote ROOM MONITOR service	✓	✓	✓	✓
2 UL/1 derivation conferencing				✓
Exchange communication (DOSA)		✓	✓	✓
CALL-BACK service	✓	✓	✓	✓
Automatic outgoing line call channelling (LCR) with prefix				✓
Caller ID (CLID) from outside and between 2 derivations				✓
FAX channelling on CLID basis				✓
Actuator relay enabling on CLID basis				✓
Compatible with Telecom Italia video telephony				✓
Call buffer capacity	100	100	100	1.000

NOTE 1 : Cannot be used simultaneously

NOTE 2 : Not simultaneous

✓ Tutte le tipologie di impianto ● Citofonia a '4+n' fili ◆ Citofonia a '1+1' fili ■ Videocitofonia Coax ▲ Videocitofonia a 5 fili ☀ Sistemi digitali

Sinthesi module with telephonic
loudspeaking unit:
great compact convenience.

This Sinthesi module was designed to respond to the precise needs of a system with the simplicity of telephone line connection.

In any situation in a building where a bell is also expected to function as door phone (e.g. a medical studio, legal studio, etc.), this is now possible by simply using the telephone lines, without sophisticated installation.

The module is available in several configurations to guarantee extreme application versatility.



1145/2

TELEPHONIC LOUDSPEAKING UNIT

NEW

1145/1 **

1-button Sinthesi module with telephonic loudspeaking unit
Loudspeaking unit module and 1 call button.

NEW

1145/2 **

2-button Sinthesi module with telephonic loudspeaking unit
Loudspeaking unit module and 2 call buttons.

NEW

1145/4 **

4-button Sinthesi module with telephonic loudspeaking unit
To be used with part no 1145/1 or 1145/2 for additional 4 call buttons up
to the maximum no of 64 call buttons.

NOTE: The device can be linked to a Pabx analogue derivative.

** Available from March 2007

The control unit dialogues
with any line and with
the door phone, including
in voice synthesis.

PABX Scaitel Agorà offers an infinite range of solutions and applications. As an intelligent door phone-telephony unit, it offers connection to the analogue telephone line, though also compatible with DSL and ISDN (NT1+). It is possible to connect up with the Internet with a simple PC and an analogue modem linked to a derivative. Or you can use the room monitor function, for continuous control in any room. Plus the option, for example to enable and disable boiler, lighting or even garden watering systems. Moreover, with the voice synthesis innovation you can activate important services, e.g. a hot line for emergency calls.



Giugiaro Design.



TELEPHONE EXCHANGES AND
DEDICATED HANDSETS



- ● 1332/30
Telephone interface with door phone service - 230V

- ● 1332/515-EN
PABX 1/5 Scaitel Agorà telephone switchboard,
one trunk line and five extensions, with door phone service and voice synthesis - 230V.

- ● 1332/528-EN
PABX 2/8 Scaitel Agorà telephone switchboard,
two trunk lines and eight extensions, with door phone service and voice synthesis - 230V.

- 4091/14•
Director2 CL telephone, anthracite
Dedicated handset for 4-wire connection, with 'call identification' function, large display with 2 lines/16 characters each and 16 icons, digital volume adjustment of both listen and ringtone, wide choice of ringtones, handsfree function, 16 programmable buttons with associated LED, 10 buttons for direct and door phone functions, 250-entry number/name address book and last 20 calls received and made.
Connected to Agorà PART NO 1332/5xx (NO date/time).

* Until end of stock

- The telephone is approved for use downstream of the Pabx Agorà PART NO 1332/515, 1332/528, 1332/512 by Urmet Domus.

Note1: To use the caller ID service you may have to subscribe it with your local telephone company.

Note2: The software manager of Agorà PABX and Scaiterm are always updated and available for download on our web site: www.urmetdomus.com

TELEPHONE EXCHANGES AND
DEDICATED HANDSETS

NEW 4095/14 •

STUDIO CL multifunction telephone with call identification and LED fields, anthracite grey.
Dedicated multifunction handset, with DTMF pulse/tone selection, LCD display, 16 LED fields, 76 call memory with call identification (CLID), 80 number/name address book, 5 direct memory buttons, handsfree function, adjustable (flashing) call-back button, 16 different call ringtones with electronic volume adjustment, recall selection of last' 16 numbers, LED call indicator and 'no Pabx return call' function.



ACCESSORIES

1332/35

Auxiliary service control relay circuit for REF. 1332/30

1332/38

Pulse meter card device for REF. 1332/528 and REF. 1332/512
To monitor the PABX telephone traffic, count pulses for computing charges.

1332/39

Universal combiphone system adapter

NEW 1332/55-P

Director 2 additional lamp field
To connect up to 5 Director 2 telephones to an Agorà 1332/5xx PABX.
It must be used with a transformer 9000/230.

1332/55

Agorà BLF PABX extension
The device is used to connect additional five telephones with BLF (Busy Lamp Field), in addition to the telephones directly managed by the connected Agorà PABX.

1332/70

Printer interface circuit with serial wire and SCAITERM SW
For PABX Scaitel Agorà REF. 1332/515, REF. 1332/528 and REF. 1332/512.
To print the telephone traffic, the directory and the programming parameters directly on a printer. Connected to the serial port of a personal computer, the device can be used for advanced PABX management and programming by means of the SCAITERM software. Additionally, the software package includes the CAMP.EXE file to display the PABX telephone traffic on the personal computer monitor.

1362/103 ^{▲▲}

Micro-handset for Director 2
Spare micro-handset complete with cable for Director 2 telephones



• The telephone is compliant with Agorà 6 Pabx

▲▲ Available from March 2007

Note: The pulse meter service must be available from the local telephone company

ACCESSORIES



1332/82



1072/67

1332/71

Clock board device for PABX Scaitel Agorà REF. 1332/528 and REF. 1332/512. For wake-up calls and data storage also in the event of a blackout.

1332/80

Power line protection device, 400 VA
In the presence of an output power surge exceeding 2A (actual value), the thermal switch trips to protect the telephone devices from overvoltage and disturbance from the 230 V power mains. Bar mounted (2 DIN modules).

1332/81

Protection device for one telephone line
Insert the protection device on the local line leading to the PABX and the extension lines routed outside the building or leading to 230 V powered devices, e.g. faxes, modems, cordless telephones. Bar mounted (2 DIN modules).

1332/82

Protection device for two telephone lines
As REF. 1332/81, for two telephone lines. Bar mounted (2 DIN modules).

1072/67

Bibus Interface For Scaitel Switchboard
For use of Urmet Domus Mod. 1332 Scaitel Agorà switchboard in a Bibus system, keeping several functions such as: call/conversion to a BIBUS Porter's Lodge Switchboard, open door function, floor call, special services. Wall mount installation.

1038/67

Digivoice / 4+n voice adaptor
For use of Urmet Domus Mod.1332 switchboards inside an apartment or an office. May also be used for creating Digivoice and analogue phone 4+n cable mixed systems. Wall mount installation.

955/67

'1+1' PABX interface
For using SCAITEL Agorà PABX in '1+1' door phone and 5-wire video door phone systems.

1082/67

2GO! 4+n interface with video
Makes it possible to use the Urmet Domus Mod. 1132 telephonic control units within apartments or offices. It can also be employed to realise the 2GO! mixed systems and '4+n' wires analogue door phones. Installations on bar, overall dimensions 10 Din modules.

Main features	Telephone interface	PABX 1/5	PABX 2/8	PABX 3/12
Number of trunk lines	1	1	2	3
Number of extensions	1	5	8	12
Number of calls at the same time	-	3	5	7
Synthesised voice message assistance	-	✓	✓	✓
Integrated house phone functions	✓	✓	✓	✓
Remote operation via DTMF	-	✓	✓	✓
Day/night enable classes	-	✓	✓	✓
DISA through calls with message according to day or night operation	-	✓	✓	✓
Communication via switchboard (DOSA)	-	-	✓	✓
Call back service	-	✓	✓	✓
External calls with enable for each extension	-	✓	✓	✓
Intercom function	-	✓	✓	✓
Secrecy of simultaneous calls	-	✓	✓	✓
General call on external speaker (paging)	-	✓	✓	✓
Max number of telephones with lamp field service (without option 1332/55)	-	2	2	3
Wake-up service at required time	-	✓	✓	✓
Hot line to programmed internal number	-	✓	✓	✓
Telephone directory (stored numbers)	-	40	40	50
Trunk line DTMF dialling	-	✓	✓	✓
Enabled trunk programming	-	✓	✓	✓
Enabled number or local code programming	✓	✓	✓	✓
Fax and answering machine switch programming	-	✓	✓	✓
Synthesized hold-on music	-	✓	✓	✓
Hold-on music recorded by the user	-	✓	✓	✓
Possibility of connecting an external musical source	-	✓	✓	✓
Remote programming	-	✓	✓	✓
Programming by voice interface	-	✓	✓	✓
PC programming via serial port	-	opt.	opt.	opt.
Management SW Windows '98/2000 interface	-	opt.	opt.	opt.
Busy lamp field on PC	-	✓	✓	✓
Actuator relay test on PC	-	✓	✓	✓
Local and remote room monitor	-	✓	✓	✓
Printer interface	-	opt.	opt.	opt.
Pulse meter interface	-	-	opt.	opt.
Clock interface	-	opt.	opt.	✓
Caller ID service	-	✓	✓	4

Note: Agorà PABX are compatible with Telecom Italy SMS service.



Scitel combiphone

The combiphones in Urmet's Scitel series add two convenient extra functions to a door phone or video door phone system: door phone communicating and telephone service. By using specific dedicated function keys, with Scitel combiphone you can answer the Loudspeaking unit calls, or door phone calls from another telephone, or telephone network calls.

Door opening button.



Function keys.

COMBIPHONES

1332/1

Compact combiphone with function buttons dedicated to door phone, white.

DEDICATED ACCESSORIES

1332/51

Kit for table mounted with bracket for compact combiphones REF. 1132/1, white.

1332/91

Wall fixing bracket for combiphone REF. 1332/1 and Ref. 1332/41.



RESIDENTIAL LINE

4093/1

'DOMO' telephone, anthracite grey colour

Offers dtmf dialling; adjustable and excludable ring volume; ring light indicator; R, RP, Pause and Mute function keys; presetting for wall fastening

4093/15

'DOMO PLUS' multifunction telephone, anthracite grey in colour

Offers dtmf dialling, 20 memories (10 direct + 10 with two keys) with the possibility of door phones function configuration, keys: R, RP/P and Mute, memorisation and recall of a temporary number, handsfree function with selection of volume adjustment and handsfree, 16 figures display with display of current conversation duration, clock, ring indicator and on hold jingle. The equipment does not require any additional batteries.

4097/1

"Telephono" BCA base phone, ivory/red

BCA Telephone offers DTMF pulse/tone selection, 3 direct and 10 indirect memory (2 buttons), HOLD function, selected number REDIAL, door phone functions, ring-tone volume adjustment and LED call indicator. Wall-mounting possible.

4097/2¹

"Telephono SMS" BCA multifunction phone, ivory/red

Multifunction BCA phone, with DTMF pulse/tone selection, CLID (caller ID), SMS, display contrast adjustment, 3 direct and 10 indirect memories (2 buttons), 30 record name/number address book, door phone functions, handsfree answer and call functions with volume adjustment, hold, clock, pre-select, selected redial, ring-tone volume adjustment and LED call indicator. Wall-mounting possible. The device does not require additional batteries.



¹ To use the 'caller ID' service, subscription may be necessary with the network provider.

TELEPHONY

Combiphones - Telephones



OFFICE RANGE

4095/1

STUDIO base telephone, anthracite

Base BCA telephone, with DTMF pulse/tone selection, 11 number/name address book, handsfree function, adjustable (flashing) call-back button, 16 different call ringtones with electronic volume adjustment, LED call indicator and 'no Pabx return call' function.

4095/5¹

STUDIO plus multifunction telephone with caller identification, anthracite grey.

Dedicated multifunction handset, with DTMF pulse/tone selection, LCD display, 76 call memory with call identification (CLID), 80 number/name address book, 10 direct memory buttons, handsfree function, adjustable (flashing) call-back button, 16 different call ringtones with electronic volume adjustment, selection redial of last 16 numbers, LED call indicator and 'no Pabx return call' function.

¹To use the service it may necessary to subscribe it with the local telephone company.

Note: The door phone button function is only possible by direct memory programming on pre-set telephones.

urmet

TELEPHONY

'Domus Cell FX' interface mod.4201/2

Innovation is the ability to dialogue.

"Domus Cell FX" connects a traditional analogue phone or PABX line with the mobile GSM network, generating mobile-mobile traffic (rather than fixed-mobile) which, with more advantageous tariffs, allows the user to achieve considerable telephone cost savings.

The device can also be used as line backup, where it is necessary to increase the connection level of the telephone link.

With "Domus Cell FX", in fact, it is possible to conveniently communicate via a desk phone even where a fixed phone line is not available, provided there is adequate mobile GSM network cover.

The main functions are:

- Data, SMS and fax transmission via PC RS232 serial port
- Internet browsing (GPRS class 10, MS class B)
- Fax and modem connection and management for analogue line

Compatible with all Urmet Domus Agorà range analogue PABXs and any BCA telephone.

230VCA mains power supply via the supplied adapter, voice function requires the use of a SIM card for mobile communications as in a standard GSM phone. G3, ITU-T T.4 and T.30 fax transmission/receipt compatibility (service availability must be checked with the GSM network provider). Modem compatibility with speeds up to 33.6 Kbps (V.34).



Domus Cell FX technical specifications:

- Local programming via DTMF tones from connected phone
- Remote programming via GSM data call
- Caller ID management (CLID)
- Group 3 fax management (requires enabled SIM)
- 9-30Vdc power supply with external 230 Vac adapter
- Measurements: 183 x 125 x 42 mm

Note: The device is compatible with the GSM/GPRS network

'DOMUS CELL' GSM INTERFACE

4201/2

'Domus Cell FX' GSM interface

The device has bi-directional interface on a fixed analogue line (linked to a PABX or directly to a telephone) to the mobile network via the integrated GSM for voice, data, fax communications.





Protections and Accessories.

Urmet has produced a series of protection devices and filters dedicated to the elimination of any risk (voltage peaks and drops, lightning, etc.). The protection devices are designed to significantly reduce the risk of malfunction or breakdown of downstream electric and electronic equipment, limiting excess voltage peaks entering from the public mains network. Devices are provided for power lines (230 V AC) and for analogue telephone lines, all produced in 2 DIN modules.

The filters, on the other hand, make it possible to eliminate all those frequencies induced in the power supply that can prejudice optimal functioning of the electronic equipment e.g. computer systems (PC, LAN routers), audiovisual, telecommunication and other systems. In addition, the combined use of protection devices and filters guarantees greater efficiency up to a maximum load of 4.000 VA. As regards Urmet 1332/85 and 1332/86 products, both devices have passed the rigorous tests set by the Swedish certification organisation, SEMKO.

TELEPHONE ACCESSORIES
 AND POWER LINE PROTECTIONS

1332/80

Power line protection device, 400 VA
 In the presence of an output power surge exceeding 2A (actual value), the thermal switch trips to protect the telephone devices from overvoltage and disturbance from the 230 V power mains.
 Bar mounted (2 DIN modules).



TELEPHONE ACCESSORIES
 AND POWER LINE PROTECTIONS

1332/85

Power line protection device, 230 Vac 4000 VA
 In case of voltage surges generated by atmospheric events the device immediately trips to limit amplitude and preserve the units installed downstream.
 Bar fitted, two DIN modules. For best results, use power line surge protection in combination with filter to exploit the complementary action of the devices.

1332/86

Power filter device, 230 Vac 4000 VA.
 The device is intended to prevent the propagation of external radio-frequency interference on the power mains which could cause faults in the electrical and electronic devices connected to the mains. Bar fitted, two DIN modules. For best results, use filter in combination with power line surge protection to exploit the complementary action of the devices.

1332/81

Protection device for one telephone line
 Insert the protection device on the local line leading to the PABX and the extension lines routed outside the building or leading to 230 V powered devices, e.g. faxes, modems, cordless telephones. Bar mounted (2 DIN modules).

1332/82

Protection device for two telephone lines
 As REF. 1332/81, for two telephone lines. Bar mounted (2 DIN modules).

729

Additional electronic chime
 It is possible to set up system in both embedded and wall mounted versions by the standard embedding boxes used for telephone sockets.

3850/1

Additional electromechanical chime
 Realized in plastic material with metall bell.

2841/1

Bell 60 Vca, 50Hz, 120 mm

2841/2

Bell 12 Vca, 50Hz, 120 mm

821

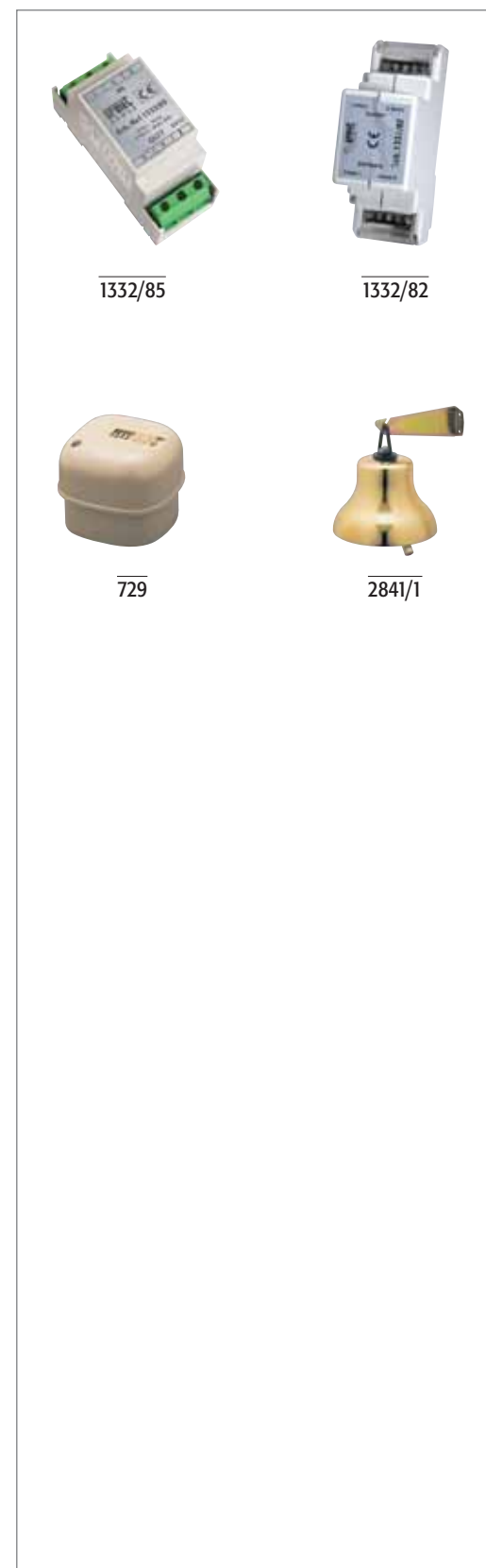
Telephone call repeater
 It allows to repeat calls coming from telephone systems both in open areas and noisy surroundings.

4085/1*

Protection device for 1 telephone line, wall mounting
 It has the same electric features of REF. 1332/81 but it is not arranged for DIN BAR mounting.

4085/2*

Protection device for 2 telephone lines, wall mounting
 It has the same electric features of REF. 1332/82 but it is not arranged for DIN BAR mounting.



* Available to end stock.



THERMOSTATS AND TIMER THERMOSTATS

Simple to use, they embrace the best of technology and are ideal for all those environments in which temperature adjustment must be independent.



GAS DETECTORS

A safe and functional range, based on technology with top quality semiconductors and sensors.

Thermostats and Timer Thermostats mod. 1410/1420/1430/1400	p. 172-176
Gas detectors mod. 1450	p. 177-179

With this range of products, Urmet flanks video door phone and telephone solutions to direct Environmental Control. With the desire to integrate all those devices that simplify life within a global circuit, with dialogue as the key player. From this point of view, the range of thermostats, timers and gas detection sensors offers solutions from the most simple to the most sophisticated, both in technological and performance terms.

ENVIRONMENTAL CONTROL

Thermostats and Timers mod.1410 / mod.1420 /

Keep your temperature under control.

Simple to use, Urmet timers are every environment requiring independent room temperature adjustment, in accordance with the needs of their occupants. Alternatively, in secondary premises residential applications, e.g. wine cellars, attics or in second homes (seaside, mountain or holiday resort), where temperature adjustment is carried out only occasionally.

The modest dimensions of Urmet timers and the fact that they are so easy to use ensure they can be perfectly integrated with the various needs and features of the environment concerned. Urmet technology also makes it possible to achieve simple and convenient long distance timer management.

More specifically, Klimat Zoom offers simple and intuitive use with dedicated keys: from the selection of internal and external temperature to the "zoom" function, which permits 12 or 24 hour display, further facilitating management operations.



Easy adjustment of the temperature desired.



Summer/winter programming selector.

Temperature adjustment knob.



urmet

mod.1430 / mod.1400

THERMOSTATS

1400/1

KLIMAT M1 Electromechanical Thermostat

A thermostat with saturated steam expansion bellows. Requires no power source. Temperature control knob stroke may be reduced or locked. Wall-mount installation. Adjustable temperature range: 8°C to 30°C Contacts: SPDT (switch-type) - 16 A - 250 VAC
Size: 85x85x31mm (LxHxD).



1400/1



1410/1

1410/1

KLIMAT E1 Electronic Thermostat Electronic

Thermostat with relay active LED indication. Temperature control knob stroke may be reduced or locked. Designed to fit optional remote probe Ref. 1410/51. Wall mount installation. Adjustable temperature range: 6°C to 30°C
Power supply: 230 VAC - 50 Hz
Contacts: SPDT (switch-type) - 5 A - 250 VAC
Size: 85x85x31mm (LxHxD).



1410/2

1410/2

KLIMAT E1+ Electronic Summer/Winter Thermostat

Electronic thermostat with relay activated LED indication and summer/winter/off selector. Temperature control knob stroke may be reduced or locked. Designed to fit optional remote probe Ref. 1410/51. Wall mount installation. Adjustable temperature range: 6°C to 30°C
Power supply: 230 VAC - 50 Hz
Contacts: SPDT (switch-type) - 5 A - 250 VAC
Size: 85 x 85 x 31mm (LxHxD).

ENVIRONMENTAL CONTROL

Thermostats and Timers mod. 1410 / mod. 1420 /

urmet

mod. 1430 / mod. 1400

THERMOSTATS



1410/3

KLIMAT ED1 Electronic Thermostat with LCD

Display Electronic thermostat with summer/winter/off selector, and room temperature and relay status display. Temperature control knob stroke may be reduced or locked. Designed to fit optional remote probe Ref. 1410/50.

Wall mount installation. Adjustable temperature range: 6°C to 30°C

Power supply: 230 VAC - 50 Hz

Contacts: SPDT (switch-type) - 5 A - 250 VAC

Size: 85x85x31mm (LxHxD).

1420/1

KLIMAT-FAN1 Electronic Fan Coil Thermostat

Electronic fan coil thermostat with summer/winter/off and fan speed regulation selectors. Temperature control knob stroke may be reduced or locked.

Designed to fit optional remote probe Ref. 1410/51. Wall mount installation.

Adjustable temperature range: 6°C to 30°C

Power supply: 230 VAC - 50 Hz

Contacts: SPDT (switch-type) - 5 A - 250 VAC

Size: 150x84x32mm (LxHxD).

ACCESSORIES



1410/50

Indoor temperature probe 2K

This probe for remote temperature reading is used with the Ref. 1410/3 thermostat. Wall mount installation for indoor use.

White plastic container, size: 85x85x31mm (LxHxD).

1410/51

Indoor temperature probe 4K7

This probe for remote temperature reading is used with the Ref. 1410/1, Ref. 1410/2 and Ref. 1420/1 thermostats.

Wall mount installation for indoor use.

White plastic container, size: 85x85x31mm (LxHxD).

ROOM CLOCK-TIMERS

1430/3

KLIMAT ZOOM weekly thermostat timer

Weekly wall mounted thermostat timer for controlling the temperature in heating and air conditioning systems, large LCD with easy 12 or 24 hour readings.

- ARCHITECTURE: Microprocessor

- TECHNOLOGY: SMD

- WINTER TEMPERATURE RANGE: +5 ... +26 °C

- SUMMER TEMPERATURE RANGE: +18 ... +30 °C

- DIFFERENTIAL: 0.2 °C

- EXTERNAL COMMAND: Free potential exchange

- MAX. LOAD: 5 (1) A @ 250VCA SPDT

- COLOUR: GREY WITH METAL COLOURED FLAP

- DEGREE OF PROTECTION: IP30

- POWER/AUTONOMY: 2 x 1.5 V (AA) - alkaline / 1 year

- STRUCTURE: Plastic casing arranged for fastening to 502/503 and to wall via bracket.

- DIMENSIONS (W x H x D): 142 x 99 x 33 mm.

1430/1

MAT PRO1 24-hour clock-timer

24-hour clock-timer for temperature regulation both in heating and air conditioning plants. Two temperature settings, Comfort or Economy, via two control knobs. LCD Display to view room temperature, time, plant status and flat battery. 24 micro-switches consent both automatic and manual functioning.

Off switch with antifreeze function.

Wall mount installation using supplied wall bracket, or 2 or 3 module flush mount system. Temperature adjustment range: between 10°C and 30°C (antifreeze 6°C)

Power supply: 2 1.5 Volt LR6-type batteries - Battery life: approx. 2 years

Relay contact capacity: 6 A - 250 VAC

Heat differential: 0.2°C Asymmetrical

Size: 133x87x32mm (LxHxD).

1430/2

KLIMAT PRO7 7-day Clock-timer

7-day clock-timer for temperature regulation both in heating and air conditioning plants. Two temperature settings, Comfort or Economy, via two control knobs.

Automatic, temporary manual and permanent manual functioning. LCD Display to view room and outside temperature (via optional probe), time and day, plant status, functioning mode, time settings, flat battery indication. Off switch and holiday programme with anti freeze function. The Advanced Time function (automatic advance switch on) and the Stop and Go function (constant temperature and energy savings), option of telephone switch on via connection with Urmet Domus switchboard. Wall mount installation using supplied wall bracket, or 2 or 3 module flush mount system.

Power supply: 2 x 1.5 Volt LR6-type batteries - Battery life: approx. 2 years

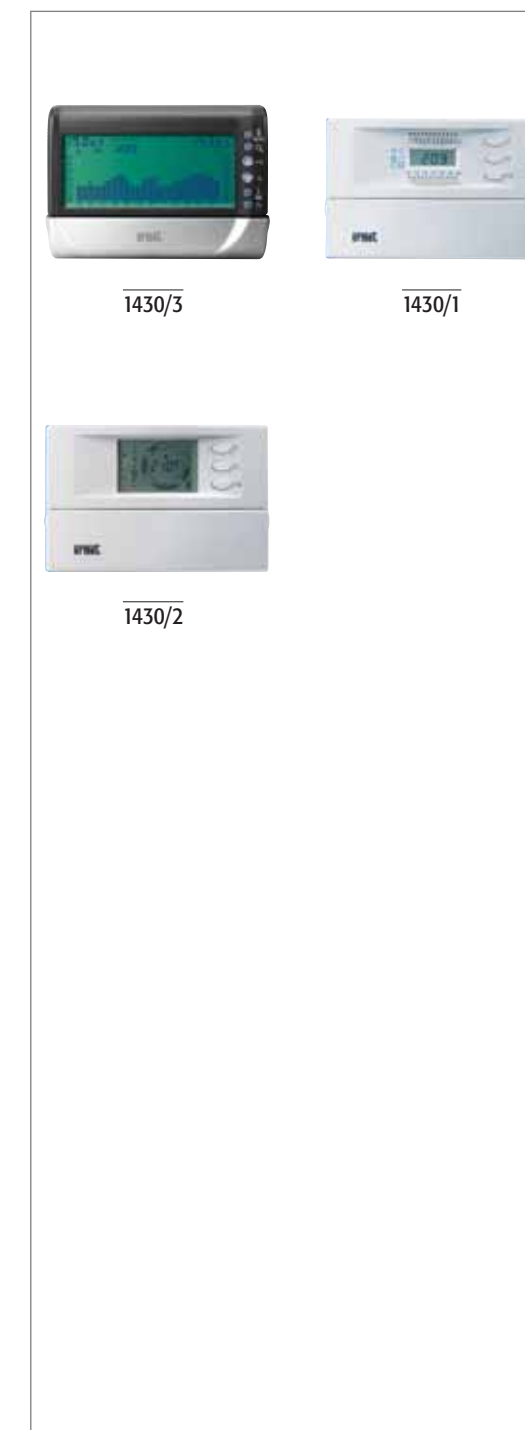
Battery replacement time: approximately 20 min. (to avoid loss of programming)

Relay contact capacity: 5 A - 250 VAC

Temperature adjustment range: between 10°C and 30°C (adjustable antifreeze)

Heat differential: 0.2°C Asymmetrical

Size: 133x87x32mm (LxHxD).



ENVIRONMENTAL CONTROL

Thermostats and Timers

mod. 1410 / mod. 1420 / mod. 1430 / mod. 1400

ACCESSORIES

1430/50

Indoor Temperature Probe 100K

This probe for remote temperature reading is used with the Ref. 1430/2 clock-timer. Wall mount installation for indoor use.

White plastic container, size: 85x85x31mm (LxHxD).

1430/60

Outdoor Temperature Probe 100K

This probe for remote temperature reading is used with the Ref. 1430/2 clock-timer. Wall mount installation for outdoor use, with IP 65 protection level.

Plastic container, size: 52x50x35,5mm (LxHxD).



ENVIRONMENTAL CONTROL

Gas detectors mod.1450

urmet



It is beautiful to live
in a safe environment.
With Urmet.

Even with a system perfectly in order, peace of mind can never be sufficient, not least because carbon monoxide (CO) is an extremely toxic, highly dangerous gas. And since it has no odour it cannot be detected by people, unless its grave consequences become evident, even when inhaled in small concentrations.

Which is why Urmet has developed a range of safe and functional gas detectors. Urmet detectors use one of the most modern construction technologies, based on the highest quality semiconductor sensors, able to offer high levels of reliability and precision.

To guarantee effective safety, the gas leaks detector must be combined with a solenoid valve that can interrupt the gas flow when there is an alarm. Urmet therefore provides kits complete with methane gas or GPL detectors, together with a solenoid valve and adaptors for its installation.

GAS DETECTORS



1450/1
1450/2



1450/3

1450/1

TITANO MET Methane Gas Detector

The device is fitted with a buzzer for the acoustic alarm and 3 LEDs for signalling alarm status, detector active and sensor failure.

A pushbutton has been fitted for test functions and for silencing the buzzer. Watertight relay alarm output capable of direct solenoid valve control both at 230 VAC and 12 VCC, normally open or normally closed. Autodiagnosics circuit for checking correct sensor functioning. Acoustic and visual signalling for detector replacement after 5 years of useful life.

Power supply: 230V- ± 10%, 50Hz
Output: watertight relay 6A, 250 V
Protection level: IP 40
Size: 150x84x32mm (LxHxD).

1450/2

TITANO LPG Gas Detector

Same characteristics as the detector Ref. 1450/1.

1450/3

TITANO CO Carbon monoxide detector

Even small amounts of carbon monoxide in the atmosphere are a health risk if this lingers for long periods of time. TITANO CO was designed to ensure adequate protection by reading the lingering presence of carbon monoxide in a concentration lower than the danger threshold. If the danger threshold is reached, the system will signal an alarm via the LED and the buzzer. As well as failure indicator LEDs and sensor active, there is also a watertight relay alarm output that controls siren, fan, solenoid valve or others. Test and reset function button fitted, acoustic and visual signalling for detector replacement after 5 years of useful life.

Power supply: 230V- ±10%, 50Hz
Output: watertight relay 6A, 250 V
Size : 150x84x32mm (LxHxD).

SPARES PARTS/ ACCESSORIES

1450/100

Solenoid valve 230 Vac N.A.

Spare solenoid valve for Ref. 1450/701 and Ref. 1450/702 kits

1450/112

Solenoid valve 12 Vdc

Normally open solenoid valve with manual rearming



1450/100

KITS

1450/701

TITANO MET Methane Gas Detector

Kit Includes a Ref. 1450/1 detector with Ref. 1450/100 solenoid valve (normally open with manual resetting, powered by 230 Vac).

The kits are complete with two 3/4 " and 1/2 " bushings, which may be used with the solenoid valve if required.

1450/702

TITANO LPG Gas Detector

Kit As Kit Ref. 1450/701, but with LPG detector Ref. 1450/70



1450/701
1450/702



SEMPlice

The device that makes it possible to keep your home constantly under control, via your cell phone, sending commands and receiving signals by simple SMS.



KIT SOLUTIONS

A complete range of solutions in Kits, to satisfy any requirement.
 Comfort Solutions for the intelligent home, Access-Video surveillance, Communication-Control Solutions for technological integration, Safety Solutions for that extra degree of tranquillity.

Semplice mod.1002

p. 182-183

Kit Solutions

p. 184-187

Domotics designed by Urmet responds with products and technology systems that are increasingly sophisticated, yet easy to use. Because the benefits and functionality of a product are demonstrated by its ability to satisfy comfort, safety, ergonomic and economic requirements. With performances ranging from temperature to entrance surveillance, from the management of household appliances to information equipment, from systems (e.g. lighting and gas) functioning to motors for gates and electronic locks. A combination of performances that turn the environment into a single organism, able to dialogue with the user in any moment and from any location.

Home has never been so close.

Keeping your home under control, in any situation, also long distance, so simply: Urmet offers Semplice, a small device that allows constant home control via mobile phone. By receiving and sending "simple" SMS, you can command your burglar alarm, heating - and why not - also turn on the drive lights as you return home. Semplice informs you immediately of power failures, if the burglar alarm is activated or if there is a gas leak. Semplice's technology exploits SMS communications on the fixed telephonic network or on the GSM network. Should an alarm go off, Semplice can reach you on your cell phone, as well as on a fixed telephone set to receive SMS (e.g. Sirio 187) or, by activating a separate service, through a Call Center. Nor is there any limit to Semplice's functions. Simply connect any device in order to be able to activate, deactivate and monitor it via SMS.



SEMPlice

1002/2

Semplice GSM control unit

Permits temperature monitoring, switching on of lights, activation of burglar alarms or of other functions by sending short text messages via mobile phone. It also alerts the user of burglar alarms, gas leaks or other types of technical alarms by sending short text or voice messages.

It allows the user to "listen" to the environment using an on-board or remote microphone.

It has 2 inputs for alarm detection that can be connected to any device and 2 outputs for activating various types of devices.

It is equipped with a serial port for communication with URMET anti-intrusion systems. It requires a 230Vac mains adapter and is fitted with a GSM modem. It requires a SIM of any mobile telephone operator



1002/2

1002/80

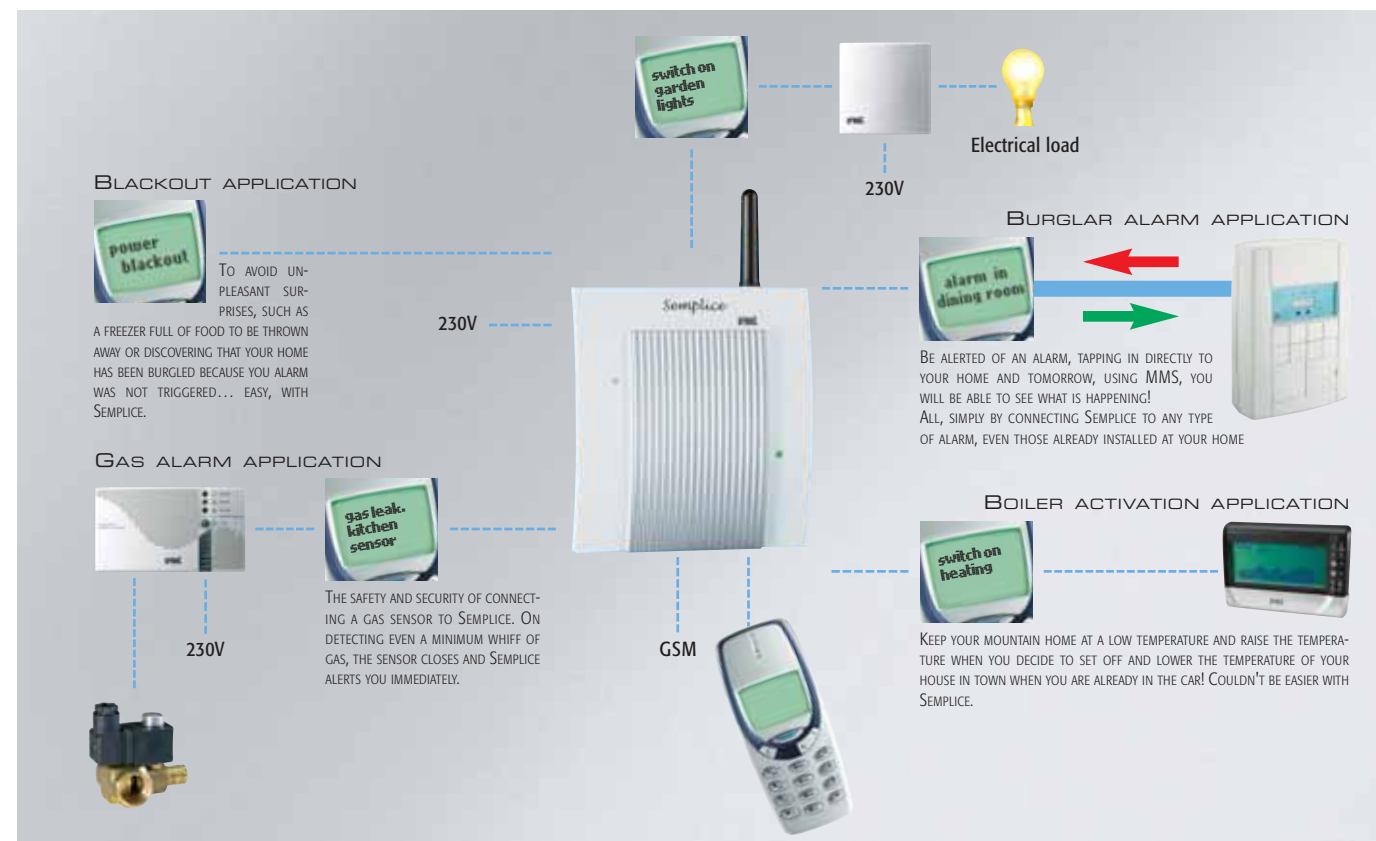
Actuator module

With a wire connection to the Semplice Basic, makes it possible to activate more than 24V ac or dc loads.

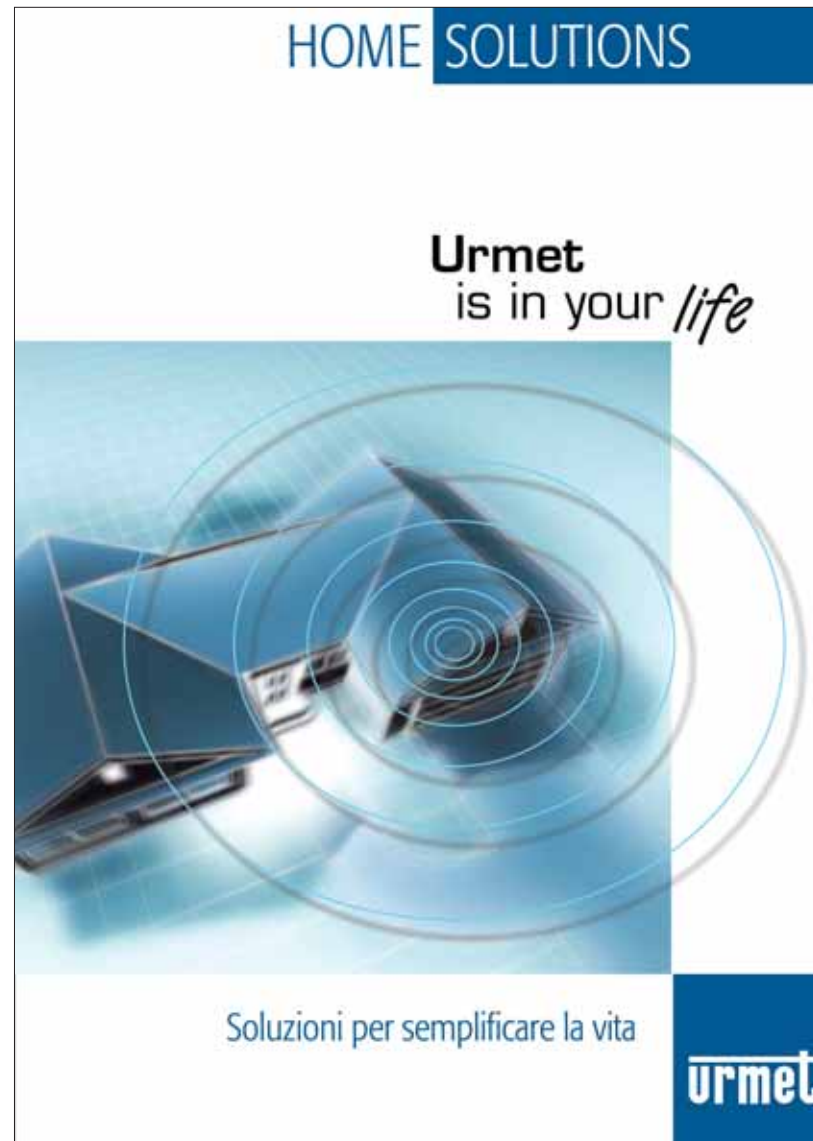
It is equipped with 2 leds (red and green) for status readout and a reset key for local manual control.



1002/80



Urmet simplifies your life for you. An approach that has generated an extensive series of Kit solutions, designed to resolve, in a single package, the most common home remote automation requirements, optimally combining and using Urmet products and technologies. Thus three specific Kit "sectors" have been devised: Comfort, Communication-Control Accesses and Security, and inside you can find all the solutions you are looking for. Those set out below are just a few examples taken from the range of solutions that Urmet has devised - see the "Home Solutions" Manual.



All the solutions for your home - and so easy.

COMFORT SOLUTION.

These are all the Kits dedicated to communication with the home to conveniently manage the home in any situation. For example, if you have gone out for beautiful summer evening, leaving the windows open, and a sudden storm arrives: the rain sensor will communicate it to the system which will close the shutters.

COMMUNICATION SOLUTION-ACCESSES CONTROL-VIDEOSURVEILLANCE.

These are the Kits that exploit products and technologies dedicated to dialogue between door phones and telephony and between door phones and TVCC. They are solutions that perfectly integrate the concept of domotics and security. To take just two examples.

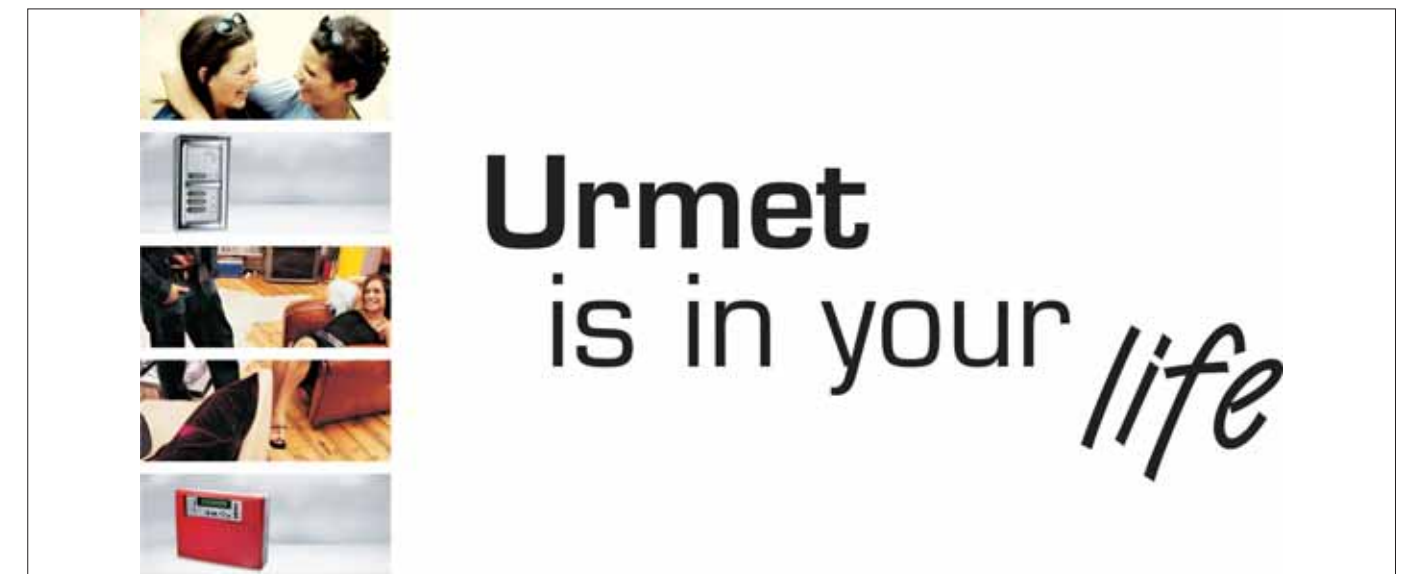
In a simple Kit it will be possible to respond and operate via the door phone directly from the telephone control unit, thanks to Pabx technology.

Or imagine a two storey detached house: you can install a monitor on the ground floor and one upstairs and, in addition to having the door phone functioning available, you can keep the exterior under control via two telecameras, switching from one to the other by simply pressing a video door phone button. And obviously choosing between b/w and colour images.

SECURITY SOLUTION.

These are Kits involving dialogue between anti-intruder and remote systems, with specific attention to GSM communication technology, and using SMS.

For example, it is possible to activate the antitheft device with a simple SMS and receive a reassuring reply from the Control Unit, telling you the operation has been correctly performed.



COMFORT SOLUTION



1002/20

Application kit for locks automation

Including:

- N.1 Weather control unit PV1 UTD 1002/10
- N.1 Rain sensor SP1 sch. 1002/11
- N.1 Control unit M230LR 250W UTD 1002/12
- N.1 Rod actuator ST450 UTD 1002/13
- N.1 Rolling code remote control dual channel TR2 UTD 1002/14
- N.1 6 poles connection cable UTD 1002/15

COMMUNICATION SOLUTION/ACCESS CONTROL

1332/715

Kit PABX Home Solutions

Including:

- N.1 Module for loudspeaking unit with 1 key UTD 1145/21
- N.1 Loudspeaking unit 4 + n UTD 1145/500
- N.1 Front frame UTD 1145/61
- N.1 Embedded box UTD 1145/51
- N.1 Power supply unit UTD 786/11
- N.1 1/5 switchboard PABX UTD 1332/515
- N.1 Protection device for power line UTD 1332/80
- N.1 Protection device for telephonic line UTD 1332/81

1782/541

B/w video door phone kit with door phone and no. 2 secondary cameras

Including:

- N.1 Video door phone entry panel mod. Sinthesi UTD 1082/72
- N.1 Front panel with 1 key UTD 1745/107
- N.1 Front frame UTD 1145/62
- N.1 Embedded box for 2 modules UTD 1145/52
- N.1 Power supply unit for 2 wires system (10 modules DIN) UTD 1082/20
- N.2 Video door phones b/w mod. Atlantico UTD 1702/1
- N.2 Brackets for black/white video door phone mod. Atlantico Ref. 1702/82
- N.1 Single-user distributor UTD 1082/51
- N.1 Video signal commutation device UTD 1038/69
- N.1 Power supply unit for commutation device UTD 789/2
- N.1 Black/white control camera UTD 1090/191
- N.1 Black/white control camera UTD 1090/194
- N.2 Power units for control supply camera

COMMUNICATION SOLUTION/ACCESS CONTROL

1782/551

Colour video door phone kit with door phone and no. 2 secondary telecameras

Including:

- N.1 Video door phone entry panel mod Sinthesi UTD 1082/72
- N.1 Front panel with 1 key UTD 1745/107
- N.1 Front frame UTD 1145/62
- N.1 Embedded box for 2 modules UTD 1145/52
- N.1 Power supply unit for 2 wires system (10 modules DIN) UTD 1082/20
- N.2 Colour video door phones mod. Utopia UTD 1703/1
- N.2 Brackets for colour video door phones mod. Utopia UTD 1703/82
- N.1 Single-user distributor UTD 1082/51
- N.1 Video signal commutation device UTD 1038/69
- N.1 Power unit for commutation device UTD 789/2
- N.1 Day & Night control camera UTD 1090/192
- N.1 External control colour cameras UTD 1090/198
- N.2 Power units for control camera UTD 1090/849



SECURITY SOLUTION

1045/501

Theft alarm GSM telemanagement Kit

Including:

- N.1 Anti-intrusion kit UTD 1045/902
- N.1 SMS Semplice GSM Control unit UTD 1002/2

1056/501

Anti-theft kit with robbery teleaid

Including:

- N.1 Anti-intrusion control unit UTD 1056/024
- N.3 Volumetric detectors UTD 1033/112
- N.1 Magnetic contact UTD 1033/701
- N.1 Outdoor siren self-powered UTD 1033/415
- N.1 Telephonic call unit PSTN UTD 1056/002
- N.1 Voice synthesis card UTD 1063/012
- N.1 Kit for voice synthesis UTD 1063/013
- N.1 Control pushbutton panel UTD 1056/031
- N.1 NC button for robbery teleaid UTD 1033/211



Other solutions and applications can be found in the Home Solutions manual, complete with Diagrams and product list. For more information telephone the Urmet Domus Call Center (011.23.39.810) or visit the internet site www.urmetdomus.com.



VIDEO CAMERAS

Standard and extra safety ample quality/price ratio selection B/W, colour and D/N units.



MINI DOME VIDEO CAMERAS

Reduced size compact solutions for ceiling applications.



MICRO AND MINI CAMERAS

Best small size solutions for top performance video-surveillance discretion.



MONITORS

Advanced design top performance video units for quality commercial and industrial uses.



DIGITAL VIDEO RECORDERS

Ideal solutions for all movements, featuring network-dedicated storage systems.



SHOWCASES

Rugged solutions for complete outdoor video camera protection.



ACCESSORIES

Available with high technology contents to complete your system in all details.

Video cameras	p. 190-195
Mini dome video cameras	p. 196-198
Micro and mini cameras	p. 199-200
Monitors	p. 201-202
Lenses	p. 203-204
Easy Dome	p. 205-207
Network	p. 208
Digital Video Recorders	p. 209-216
Showcases	p. 217
Accessories	p. 218-219

Increased security level with private dwelling and public area real time environmental monitoring is a constantly felt need. The Urmet range of video cameras and TVDC systems is available to satisfy any requirement, with complete solutions ranging from video to micro cameras, video switches to multiplexers and video matrices to digital video recorders. Urmet provides top quality products for the most sophisticated and complex situations, such as Speed Dome video cameras featuring highly sensitive powered movements and total zooming for complete clarity and definition image display.

Black/White or color.
We focus on top quality.



Urmet's range of TV cameras is designed to meet all the requirements of even the most sophisticated security systems. The state-of-the-art technological built into these TV cameras (whether black/white or color) makes it possible to configure solutions with just the right quality/price ratio, in particular in the monochrome range. All the TV cameras feature an auto shutter circuit and can therefore be equipped with fixed or manual iris lenses, even

in the case of medium variations in lighting of the scene. The main characteristics of these products comprise backlight compensation and automatic gain control (AGC). Urmet's range also includes a day/night TV camera able to switch automatically from color during the day to b/w during the night in order to optimize quality and rendition of the images during nighttime functioning.

BLACK & WHITE TV CAMERAS

1090/141

1/3" standard resolution 12 Vdc BW video camera

1090/142

1/3" standard resolution 230 Vac BW video camera

This videocamera with a resolution greater than 380 TVL features a BLC circuit and is particularly suitable for small size units not requiring synchronisation with other cameras. The unit features an auto-shutter circuit to install manual adjustment or fixed iris lenses in average variation light conditions and is also provided with external connection to amplified VIDEO DRIVER and non-amplified DC DRIVER auto iris lenses.

- 1/3" Interline transfer CCD Image Pick-Up device:
- 512 (H) x 582 (V) effective pixels
- 0.5 lux (F=1.2) minimum light:
- 2:1 CCIR interlaced V50 Hz, 625 KHz Signal system
- Internal Synchronization
- 48 dB S/N ratio
- C/CS white rings lens mount:
- DC VIDEO selectable driver auto iris
- Selectable BLC
- - 10÷45°C Operating temperature
- Video Output BNC 1.0 Vp-p, 75 Ohm
- Up to 1/100,000 sec linear (ON/OFF) Auto shutter
- Over 380 TVL horizontal resolution:
- 220 g weight:
- 120 (L) x 50 (H) x 52.8 (D) mm dimensions
- 110 mA power consumption
- Exclusive of lenses (Cf. pages 203-204)

1092/001A

1/3" Medium resolution 12Vdc/24Vac Sony BW video camera

1092/002A

1/3" Medium resolution 230Vac Sony BW video camera

The new Progress series cameras stand out for the high competitiveness combined with professional performances. The range, composed by b/w Mid and HI resolution models, is completed by a colour series that includes a Super Hi-resolution 540TVL model.

Especially designed for security surveillance application, the Progress range is the smart choice for professional surveillance systems.

- 1/3" CCD Image Pick-Up device
- 500 (H) x 582 (V) effective pixels
- 0.1 lux F1.2 minimum lighting
- 2:1 CCIR V:50 Hz, H 15.625 Khz interlaced signal system
- Line Lock/Internal synchronisation
- 48 dB S/N ratio
- C/CS white ring lens-mount
- DC-VIDEO selectable driver auto iris
- On/Off switch AGC
- Selectable BLC
- -10 to 45°C operating temperature
- 1 Vp-p mixed 75 Ohm video out
- Up to 1/100,000 s with On/Off switch auto-shutter
- 420 TVL horizontal resolution
- 500 g weight
- 121 (L) x 62 (H) x 60 (D) mm dimensions
- 3W max power consumption
- Exclusive of lenses (Cf. pages 203-204)



BLACK & WHITE TV CAMERAS

1092/003

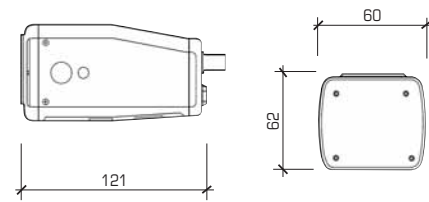
1/3" High resolution 12Vdc/24Vac Sony BW video camera

1092/004

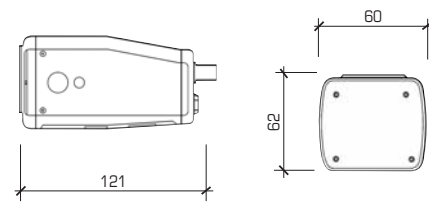
1/3" High resolution 230Vac Sony BW video camera

The new Progress series cameras stand out for the high competitiveness combined with professional performances. The range, composed by b/w Mid and HI resolution models, is completed by a colour series that includes a Super Hi-resolution 540TVL model. Especially designed for security surveillance application, the Progress range is the smart choice for professional surveillance systems.

- 1/3" CCD Image Pick-Up device
 - 752 (H) x 582 (V) effective pixels
 - 0.04 lux F1.2 minimum lighting
 - 2:1 CCIR V:50 Hz, H 15.625 KHz interlaced signal system
 - Line Lock/Internal synchronisation
 - Over 50 dB S/N ratio
 - C/CS white ring lens-mount
 - DC-VIDEO selectable driver auto iris
 - On/Off switch AGC
 - Selectable BLC
 - -10 to 45°C operating temperature
 - 1 Vp-p mixed 75 Ohm video out
 - Up to 1/100,000 s with On/Off switch auto-shutter
 - 570 TVL horizontal resolution
 - 510 g weight
 - 121 (L) x 62 (H) x 60 (D) mm dimensions
 - 3W max power consumption
- Exclusive of lenses (Cf. pages 203-204)



1092/003



1092/004

COLOUR VIDEO CAMERAS

1090/241

1/4" standard resolution 12Vdc colour video camera

1090/243

1/4" standard resolution 230Vdc colour video camera

This 350 TVL standard average resolution colour video camera supplied in a standard showcase features good sensitivity for excellent view in medium light conditions.

The unit is provided with an auto-shutter circuit for installing manual or fixed iris lenses in varying scene light conditions. AWB (ON/OFF selectable), BLC view effect compensation and Automatic Gain Control are the main performance features of amplified and DC DRIVER non-amplified auto iris lenses.

- 1/4" CCD Image Pick-Up device
 - 512 (H) x 582 (V) effective pixels
 - 0.8 lux F1.2 minimum lighting
 - 2:1 PAL V 50 Hz, H 15.625 KHz interlaced signal system
 - Internal synchronisation
 - Over 48 dB S/N ratio
 - C/CS white ring lens-mount
 - DC-VIDEO selectable driver auto iris
 - AGC On/Off switch
 - AWB (ON/OFF selectable)
 - -10 to 45 °C operating temperature
 - 1 Vp-p mixed 75 Ohm Video Out
 - Up to 1/100,000 sec with On/off switch auto-shutter
 - 350 TVL horizontal resolution
 - 280 g weight
 - 125 (L) x 50 (H) x 52 (D) mm dimensions
 - 180 mA power consumption
- Exclusive of lenses (Cf. pages 203-204)

COLOUR VIDEO CAMERAS

1090/242

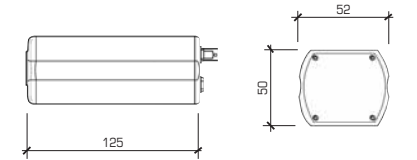
1/3" Medium resolution 12Vdc Sony colour video camera

1090/244

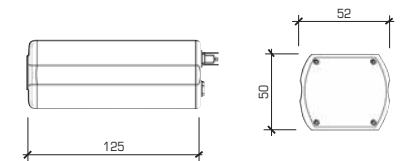
1/3" Medium resolution 100-240 Vac Sony colour video camera

This 380 TVL average resolution colour video camera supplied in a standard showcase features good sensitivity to enable good shooting in average light conditions. The unit is provided with an auto-shutter circuit for installing manual or fixed iris lens in varying scene light conditions. AWB (ON/OFF selectable), BLC view effect compensation and Automatic Gain Control (AGC) are the main performance features of this model. Video cameras are provided with external connection to VIDEO DRIVER amplified and DC DRIVER non-amplified auto iris lenses.

- 1/3" CCD Image Pick-Up device
 - 512 (H) x 582 (V) effective pixels
 - 0.5 lux F1.2 minimum lighting
 - 2:1 PAL V:50 Hz, H 15.625 KHz interlaced signal system
 - Internal synchronisation
 - Over 48 dB S/N ratio
 - C/CS white ring lens-mount
 - DC-VIDEO selectable driver auto iris
 - On/Off switch AGC
 - AWB (ON/OFF selectable)
 - -10 to 45°C operating temperature
 - 1 Vp-p mixed 75 Ohm video out
 - Up to 1/100,000 s with On/Off switch auto-shutter
 - 380 TVL horizontal resolution
 - 280 g weight
 - 125 (L) x 50 (H) x 52 (D) mm dimensions
 - 180 mA power consumption
- Exclusive of lenses (Cf. pages 203-204)



1090/242



1090/244

1092/101

1/3" High resolution 12Vdc/24Vac Sony colour video camera

1092/102

1/3" High resolution 230Vac Sony colour video camera

The new Progress series cameras stand out for the high competitiveness combined with professional performances. The range, composed by b/w Mid and HI resolution models, is completed by a colour series that includes a Super Hi-resolution 540TVL model. Especially designed for security surveillance application, the Progress range is the smart choice for professional surveillance systems.

- 1/3" CCD Image Pick-Up device
 - 752 (H) x 582 (V) effective pixels
 - 0.5 lux F1.2 minimum lighting
 - PAL V:50 Hz, H 15.625 KHz interlaced signal system
 - Line Lock/Internal synchronisation
 - Over 48 dB S/N ratio
 - C/CS white ring lens-mount
 - DC-VIDEO selectable driver auto iris
 - On/Off switch AGC
 - Selectable BLC
 - AWB/ATW (ON/OFF selectable)
 - -10 to 45°C operating temperature
 - 1 Vp-p mixed 75 Ohm video out
 - Up to 1/100,000 s with On/Off switch auto-shutter
 - 480 TVL horizontal resolution
 - 500 g weight
 - 121 (L) x 62 (H) x 60 (D) mm dimensions
 - 5W max power consumption
- Exclusive of lenses (Cf. pages 203-204)

COLOUR VIDEO CAMERAS

1092/103

1/3" Super High resolution 12Vdc/24Vac Sony colour video camera

1092/104

1/3" Super High resolution 230Vac Sony colour video camera

The new Progress series cameras stand out for the high competitiveness combined with professional performances. The range, composed by b/w Mid and HI resolution models, is completed by a colour series that includes a Super HI-resolution 540TVL. Especially designed for security surveillance application, the Progress range is the smart choice for professional surveillance systems.

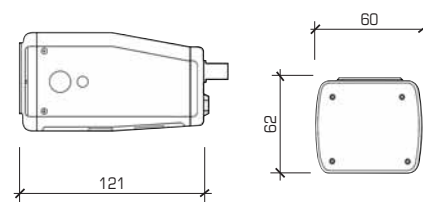
- 1/3" CCD Image Pick-Up device
 - 752 (H) x 582 (V) effective pixels
 - 0.5 lux F1.2 minimum lighting
 - PAL V:50 Hz, H 15.625 KHz interlaced signal system
 - Line Lock/Internal synchronisation
 - Over 50 dB S/N ratio
 - C/CS white ring lens-mount
 - DC-VIDEO selectable driver auto iris
 - On/Off switch AGC
 - Selectable BLC
 - AWB/ATW (ON/OFF selectable)
 - -10 to 45°C operating temperature
 - 1 Vp-p mixed 75 Ohm video out
 - Up to 1/100,000 s with On/Off switch auto-shutter
 - 540 TVL horizontal resolution
 - 500 g weight
 - 121 (L) x 62 (H) x 60 (D) mm dimensions
 - 3W max power consumption
- Exclusive of lenses (Cf. pages 203-204)

1090/109

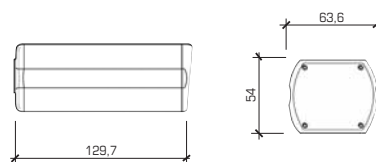
Colour video camera with varifocal lenses. 12 Vdc Power Supply

Top level technological solution high definition colour video camera with aspherical lenses enabling deeper field shooting with increased space inside which objects shot remain well-focussed and shooting is better lit. This feature also enables correcting conventional lens-induced optical aberration in the same environmental lighting conditions and improved scene definition. The product is suitable for taking sharp shots capable of identifying even the smallest detail and is particularly recommended for high quality systems.

- 1/3" interline transfer CCD Image Pick-Up device
 - 752 (H) x 582 (V) effective pixels
 - 3.8 - 9.5 mm/F = 1.3 varifocal aspheric lenses
 - X 3 electronic zoom
 - 2:1 CCIR V 50 Hz H 15,625 KHz interlaced signal system
 - 480 TVL resolution
 - Internal synchronisation
 - 1/50 to 1/100,000 s On/Off auto-shutter:
 - On/Off selectable Back-Lighting Compensation (BLC)
 - AWB (ON/OFF selectable)
 - ON/OFF selectable AGC
 - 0.1 lux minimum sensitivity
 - 1 Vp-p mixed 75 Ohm video out
 - 48 dB S/N ratio
 - 12 Vdc ± 10% power supply
 - 160 mA and 12 Vdc consumption
 - -10 to 50 °C operating temperature
 - 390 g weight
 - 129.7 (L) x 54 (H) x 63.6 (D) mm dimensions
- 1090/848, 1090/849 or 1090/850 suggested power supply unit



1092/103



1090/109

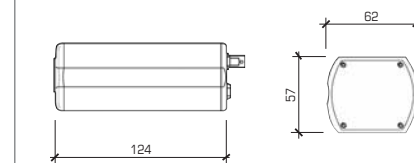
DAY & NIGHT VIDEO CAMERAS

1090/110

Day/Night Video camera with PRIVACY and DSS function, OSD Menu and 230 Vdc power supply

This high resolution top technological performance video camera features the PRIVACY function that enables specifying as many as four privacy zones hiding certain scene areas from operator view. Its Digital Slow Shutter function enables top level shooting at low lighting by acting on CCD reading. Its 480 TVL resolution, video menu, Wide Dynamic Range (WDR) function added to the above make this professional camera suitable to satisfy top quality systems.

- 1/3" interline transfer CCD Image Pick-Up device
 - 752 (H) x 582 (V) effective pixels
 - X 3 electronic zoom
 - 2:1 CCIR V 50 Hz H 15.625 KHz interlaced signal system
 - 480 TVL resolution
 - Internal synchronisation
 - 1/50 to 1/100,000 s On/Off manual auto-shutter:
 - On/Off selectable Back-Lighting compensation (BLC)
 - AWB (ON/OFF selectable)
 - ON/OFF selectable AGC
 - On/Off selectable wide dynamic gamma:
 - Dc-video selectable driver auto iris:
 - 0.1 lux/0.001 lux DSS/BW mode minimum sensitivity
 - Colour, B/W switching light control
 - 1 Vp-p mixed 75 Ohm video out
 - 50 dB S/N ratio
 - OSD menu
 - Mechanically removable IR filtre
 - 4 W consumption
 - 90~240 Vac power supply
 - 430 g weight
 - 124 (L) x 57 (H) x 62 (D) mm dimensions
- Exclusive of lenses (Cf. pages 203-204)



1090/110



Top quality
small units.

The Minidome range completes Urmet's offer in satisfying all video-surveillance needs. The outstanding quality to price ratio of these units means they are especially suitable for small systems and ideal for all situations where aesthetic or discretionary requirements demand surveillance without cumbersome devices.

The elegant design of available external use versions such as vandalism protection means they are suitable for areas where aesthetics are an especially important issue. Their obvious advantage over wall-mounted video cameras is the wide perspective and shooting range only mini domes can provide.

MINI DOME VIDEO CAMERAS

1090/117

B/W 12Vdc mini dome video cameras

This adjustable support mounted minidome video camera features average 420 line resolution and 0.05 lux sensitivity. It is provided with F=2 fixed diaphragm 3.6 mm lenses and an auto-shutter circuit for exposure adjustment in variable light environmental conditions. The unit requires no optical or electronic adjustment, has no controls to monitor and thus provides optimum easy and fast installation.

- 1/3" interline transfer CCD Image Pick-Up device
- 500 (H) x 582 (V) effective pixels
- 2:1 CCIR interlaced signal system
- 0.05 lux/F2 sensitivity
- 3.6 mm F=2 lenses
- 1:100,000 sec auto-shutter
- 1 Vp-p mixed 75 Ohm video out
- 420 TVL horizontal resolution
- 0.45 gamma correction
- 50 dB S/N ratio
- Internal synchronisation
- -10 to 45 °C operating temperature
- 12 Vdc ± 10% power supply:
- 100 mA power consumption
- 118 (L) x 78 (H) mm dimensions
- 1090/848 or 1090/849 suggested power supply unit

NEW

1092/127

Colour high definition Minidome video camera with integrated fixed lens. 12 Vdc Power Supply

MINIDOME video camera An adjustable support mounted ed lens high definition colour 12 Vdc power supply mini dome video camera featuring 480 line average resolution and 0.3 Lux sensitivity. The unit features an F=2 diaphragm 3.8 mm lens and is provided with an auto-shutter circuit for exposure adjustment in variable lighting environmental conditions. The unit requires no optical or electronic adjustment, has no controls to monitor and thus provides optimum easy and fast installation.

- 1/3" CCD Image Pick-Up device
- 500 (H) x 585 (V) effective pixels
- 2:1 CCIR interlaced signal system
- 90° horizontal angle of view:
- 85° maximum inclination of view
- 0.3 lux/F2 sensitivity
- 3.8 mm F=2 lenses
- 1:50 to 1:100,000 s shutter control
- AWB (ON/OFF selectable)
- Automatic gain control
- 1 Vp-p mixed 75 Ohm video out
- 480 TVL line horizontal resolution
- 0.45 gamma correction
- 48 dB S/N ratio
- Internal synchronisation
- -10 to 50 °C operating temperature
- 12 Vdc ± 10% power supply
- 160 mA consumption
- 120 g weight
- 86,5 (L) x 68 (H) mm dimensions
- 1090/848 or 1090/849 suggested power supply unit



1090/117



1092/127

MINI DOME VIDEO CAMERAS



1090/129



1092/130

1090/129

Colour Minidome video camera, CCD SONY, varifocal lens, 12 Vdc power supply
Adjustable support mounted, 480 line resolution, high definition, 0.3 lux sensitivity
MINIDOME colour video camera featuring 4-9 mm varifocal lenses and an auto-shutter circuit for exposure adjustment in variable lighting environmental conditions. The unit requires no optical or electronic adjustment, has no controls to monitor and thus provides optimum easy and fast installation.

- 752 (H) x 582 (V) effective pixels
 - 2:1 CCIR interlaced signal system
 - 33 to 70° angle of view
 - 85° maximum inclination of view
 - On/Off selectable Back-Lighting Compensation (BLC)
 - AWB (ON/OFF selectable)
 - Automatic gain control
 - X 2 Electronic zoom
 - 0.3 lux /F 2 Sensitivity
 - 4 to 9 mm varifocal lenses
 - 1:50 to 1:100,000 s shutter control
 - 1 Vp-p mixed 75 Ohm video out
 - 480 TVL horizontal resolution
 - 48 dB S/N ratio
 - Internal synchronisation
 - -10 to 50 °C operating temperature
 - 12 Vdc ± 10% power supply
 - 150 mA consumption
 - 270 g weight
 - 140 (L) x 100 (H) mm dimensions
- 1090/848 or 1090/85 suggested power supply unit

NEW

1092/130

Anti-vandalism mini dome colour video camera , CCD SONY, varifocal lenses, 12 Vdc power supply

Adjustable support mounted 480 line resolution, high definition, 0.3 lux sensitivity
MINIDOME colour video camera featuring 4 to 9 mm varifocal lenses and an auto-shutter circuit for exposure adjustment in variable lighting environmental conditions. The unit requires no optical or electronic adjustment, has no controls to monitor and thus provides optimum easy and fast installation.

- CCD 1/3" CCD Image Pick-Up device
 - 752 (H) x 582 (V) effective pixels
 - 2:1 CCIR interlaced signal system
 - 33 to 70° angle of view
 - 85° maximum inclination of view
 - On/Off selectable Back-Lighting Compensation (BLC)
 - AWB (ON/OFF selectable)
 - Automatic gain control
 - X 2 electronic zoom
 - 0.3 lux /F 2 sensitivity
 - 4 - 9 mm varifocal lenses
 - 1:50 to 1:100,000 s shutter control
 - 1 Vp-p mixed 75 Ohm video out
 - 480 TVL horizontal resolution
 - 48 dB S/N ratio
 - Internal synchronisation
 - -10 to 50 °C operating temperature
 - 12 Vdc ± 10% power supply
 - 150 mA consumption
 - 800 g weight
 - 150 (L) x 120 (H) mm dimensions
- 1090/848 or 1090/850 suggested power supply unit

Small is beautiful.
Very small means.
very safe and secure.

Urmet's dedication to innovation knows no bounds, even as regards size. In particularly risky situations where absolute discretion is required, Urmet micro-cameras are ready to provide the right solution.

These avant-garde products offer frontrunner technology and outstanding performance levels, amazing in such reduced, minimum dimensions.

Urmet's extremely compact micro-cameras are intended mainly for video-surveillance functions in environments where discretion must be combined with unfailingly reliable operation.



DAY & NIGHT MINI VIDEO CAMERAS



1090/193

1090/192

12 Vdc power supply IR led 1/4" day & night mini varifocal lens video camera

- 1/3" CCD Image Pick-Up device
 - 752 (H) x 582 (V) effective pixels
 - 2:1 CCR interlaced signal system
 - On/Off selectable Back-Lighting Compensation (BLC)
 - AWB (ON/OFF selectable)
 - Automatic gain control
 - X 2 electronic zoom
 - 0.3 lux /F 2 sensitivity
 - 4 to 9 mm varifocal lenses
 - 1:50 to 1:100.000 s shutter control
 - 1 Vp-p mixed, 75 Ohm video out
 - 380 TVL horizontal resolution
 - 48 dB S/N ratio
 - Internal synchronisation
 - -10 to 50 °C operating temperature
 - 12 Vdc power supply
 - 150 mA IR Off; 400 mA IR On consumption
 - 1.400 g weight
 - 60 Ø x 150 (L) mm dimensions
- 1090/849 suggested power supply unit



1090/195

1090/193

12 Vdc power supply IR led 1/4" day & night mini video camera

- 1/4" CCD Image Pick-Up device
 - 500 (H) x 582 (V) effective pixels
 - Over 48 dB S/N ratio
 - 350 TVL resolution
 - 12 leds
 - 3.6 mm/F2 lenses
 - 8 mm IR capacity
 - Internal synchronisation
 - 12Vdc power supply
 - BNC video signal connector
 - Jack power supply connector
 - 150 mA IR Off; 200 mA IR On absorption
 - 180 g weight
 - 49 Ø x 86 (L) mm dimensions
- 1090/848 or 1090/849 suggested power supply unit

1090/195

12 Vdc power supply IR led 1/4" day & night mini video camera

- 1/4" CCD Image Pick-Up device
 - 500 (H) x 582 (V) effective pixels
 - Over 48 dB S/N ratio
 - 350 TVL resolution
 - 21 leds
 - 6 mm/F2 lenses
 - 15m IR capacity
 - Internal synchronisation
 - 12Vdc power supply
 - 150 mA IR Off; 250 mA IR On absorption
 - 240 g weight
 - 60 Ø x 110 (L) mm dimensions
- 1090/848 or 1090/849 suggested power supply unit



"Live" beauty.

Although the most qualifying aspect of any security system is its efficiency, this does not rule out pleasant, eye-catching design.

Urmet therefore proposes a new line of monitors with the refined, elegant design specifically studied to blend seamlessly with any environment where appearance is the major factor, as for example in shops, in reception areas etc. and also in industrial contexts (control room with rack assembly).

All Urmet monitors guarantee top-flight performance and are equipped with all the necessary video signal optimization controls, from adjustment of frequency and contrast to regulation of the size of the image and focus and brightness control.



LCD COLOUR MONITOR

NEW 1092/415

- 15" LCD colour monitor**
 - LCD display: 15" TFT
 - Resolution: 1024 x 768
 - Contrast ratio: 350 : 1
 - Brightness: 260 cd/m²
 - Weight : 3 kg
 - Dimensions: 368 (W) x 353 (H) x 172 (D) mm

NEW 1092/417

- 17" LCD colour monitor**
 - LCD display: 17" TFT
 - Resolution: 1280 x 1024
 - Contrast ratio: 400 : 1
 - Brightness: 350 cd/m²
 - Weight : 5 kg
 - Dimensions: 420 (W) x 420 (H) x 220 (D) mm

NEW 1092/419

- 19" LCD colour monitor**
 - LCD display: 19" TFT
 - Resolution: 1280 x 1024
 - Contrast ratio: 500 : 1
 - Brightness: 250 cd/m²
 - Weight : 6 kg
 - Dimensions: 430 (W) x 414 (H) x 330 (D) mm

LCD Monitor - Common specifications and performance

- Colour visualization: 16.7 million
- Horizontal frequency: 31-65 KHz
- Viewing angle: 160° horizontal – 135° vertical
- Audio input: RCA jack
- Composite video input: 1 Vpp composite, 75 Ohm
- S-Video input: Y/C Mini Din
- SVGA input: analog RGB
- Loop-through composite video output
- Power supply: 12Vcc (supply unit included)
- Front panel controls: On/Off – volume – menu - OSD
- OSD commands: visualization settings – OSD settings - other settings
- Audio output: 2 speakers




1092/417




1092/419


MANUAL OPTICS

	Focal length	Lens mount	Max. aperture	Horizontal viewing angle	Lens size
1090/502	8 mm	Cs-mount	F2	31	8 mm
1090/503	2.8 mm	Cs-mount	F1.2	94	39.5 mm
1090/505	8 mm	Cs-mount	F1.2	32	33 mm
1090/537	2.8 mm	Cs-mount	F1.2 - C	94	39.5 mm
1090/538	4 mm	Cs-mount	F1.2 - C	64	33 mm
1090/539	8 mm	Cs-mount	F1.2 - C	32	33 mm


VARIFOCAL MANUAL OPTICS

	Focal length	Lens mount	Max. aperture	Horizontal viewing angle	Lens size
1090/517	3.5-8 mm	Cs-mount	F1.4	34 - 72	48 mm
1090/543	3.5-8 mm	Cs-mount	F1.2 - C	26 - 58	48 mm
1090/544	2.8-12 mm	Cs-mount	F1.4 - C	17 - 72	67 mm
1090/548	2.8-6 mm	Cs-mount	F1.4 - C		
1090/550	5-100 mm	Cs-mount	F1.6 - C		


AUTOIRIS DC DRIVER OPTICS

	Focal length	Lens mount	Max. aperture	Horizontal viewing angle	Lens size
1090/512	4 mm	Cs-mount	F1.2-200	63	33 mm
1090/513	8 mm	Cs-mount	F1.2-200	32	33 mm
1090/540	2.8 mm	Cs-mount	F1.2-300	94	39.5 mm
1090/541	4 mm	Cs-mount	F1.2-300	64	33 mm


AUTOIRIS VIDEO DRIVER OPTICS

	Focal length	Lens mount	Max. aperture	Horizontal viewing angle	Lens size
1090/509	25 mm	Cs-mount	F1.4-360	11	46.5 mm
1090/510	50 mm	Cs-mount	F1.4-360	5.5	48.5 mm
1090/514	3.7 mm	Cs-mount	F1.6-300	71	36.5 mm
1090/515	6 mm	Cs-mount	F1.4-300	44	39.5 mm
1090/516	12 mm	Cs-mount	F1.4-300	22	39.5 mm


AUTOIRIS VARIFOCAI DC DRIVER OPTICS IDEAL FOR DAY&NIGHT VIDEO CAMERA APPLICATIONS

	Focal length	Lens mount	Max. aperture	Horizontal viewing angle	Lens size
1090/530	3.5-8 mm	Cs-mount	F1-360	26 - 58	43.5 mm
1090/552	2.8-12 mm	Cs-mount	F1.4 - 300		
1090/553	5- mm.	Cs-mount	F1.4-300		


ASPHERICAL AUTOIRIS VARIFOCAI VIDEO DRIVER OPTICS

	Focal length	Lens mount	Max. aperture	Horizontal viewing angle	Lens size
1090/531	3.5-8 mm	Cs-mount	F1-360	26 - 58	43.5 mm

AUTOIRIS VARIFOCAI DC DRIVER OPTICS

	Focal length	Lens mount	Max. aperture	Horizontal viewing angle	Lens size
1090/545	3.5-8 mm	Cs-mount	F1.2-300	26 - 58	47 mm
1090/546	2.8-12 mm	Cs-mount	F1.4-300	17 - 72	65 mm
1090/547	5-50 mm	Cs-mount	F1.6-300	6 - 40	72 mm
1090/549	2.8-6 mm	Cs-mount	F1.4 - 300		
1090/551	5-100 mm	Cs-mount	F1.6-300		

AUTOIRIS VARIFOCAI VIDEO DRIVER OPTICS

	Focal length	Lens mount	Max. aperture	Horizontal viewing angle	Lens size
1090/522	5.5-33 mm	Cs-mount	F1.6-360	50 - 8.7	54.5 mm
1090/523	6.3-38 mm	Cs-mount	F1.2-360	41 - 7.43	78 mm
1090/524	5.5-58 mm	Cs-mount	F1.2-360	44 - 4.78	78.5 mm
1090/525	6-90 mm	Cs-mount	F1.4-720	43 - 3	119 mm

NOTE: To calculate filming fields, see the TVCC section in DomusDraw rel. 2.60

▲ Available from February 2007
* Until end of stock

Small but with maxi performances.

Efficient, discrete and easy to install, the new telecameras in the Easy Dome series further extend Urmet's catalogue and confirm the company's commitment to resolving security problems.

They are the Easy Dome colour 1090/072 and Easy Dome Day & Night 1090/082, high resolution telecameras provided with autofocus zoom optics, designed to carry out surveillance of remote areas in professional TVCC systems. Provided with a control keyboard, they make it possible to carry out pan and tilt, and variable speed zoom, depending on the force applied to the joystick. Provided with an Ethernet 1090/667 interface, they also make it possible to carry out remote control via LAN or WAN.



Easy connection into bracket box.

EASY DOME



1090/072

1090/072

Easy Dome color indoor/outdoor camera

The new Easy Dome telecamera, with its super small dimensions, lends itself to the widest variety of applications, perfectly adapting to all environments. Its newly designed technology, on the other hand, ensures it enjoys a decidedly interesting quality/price ratio. Provided with a control keyboard, it permits PAN and TILT, and variable speed zoom, depending on the force applied to the joystick.

- Sensor: CCD Colour 1/4"
- Zoom: 18X, f=4.1 ~ 73.8mm (F1.4 ~ 3.0)
- Automatic/manual focus Adjustment;
- CCD sensitivity: 1,5 lux
- Digital Zoom: 12X
- Video transmission: coax
- Resolution: 480 linee TVL
- Patrol Tour: preset sequence with menu-configurable times
- Rotation: 360° orizz. ; 90° vert.
- Programmable presets: 64
- Privacy zone: 8
- Automatic function: PAN/TILT/ZOOM
- Speed of rotation in manual mode: 0.1-90°/sec
- Rotation speed in preset mode: 300°/sec
- Alarms: 4In/1Out
- Power supply: 24Vca
- Communication protocol: RS485
- Equipped with smoked glass dome with thermostat and ventilation



1090/082

1090/082

Easy Dome day/night indoor/outdoor camera

The new Easy Dome telecamera, with its super small dimensions, lends itself to the widest variety of applications, perfectly adapting to all environments. Its newly designed technology, on the other hand, ensures it enjoys a decidedly interesting quality/price ratio. Provided with a control keyboard, it permits PAN and TILT, and variable speed zoom, depending on the force applied to the joystick.

- Sensor: CCD Colore 1/4"
- Zoom: 18X, f=4.1 ~ 73.8mm (F1.4 ~ 3.0)
- Automatic /manual focus adjustment
- CCD sensitivity: 0,7lux colore, 0,01lux b/w
- Digital zoom : 12X
- Video transmission: coax
- Resolution: 480 linee TVL
- Patrol Tour: preset sequence with menu-configurable times
- Rotation: 360° orizz.; 90° vert.
- Programmable presets: 64
- Privacy zone: 8
- Automatic function: PAN/TILT/ZOOM
- Rotation speed in manual mode: 0.1-90°/sec
- Rotation speed in preset mode: 300°/sec
- Alarms: 4In/1Out
- Power supply: 24Vca
- Communication protocol: RS485
- Equipped with smoked glass dome with thermostat and ventilation

EASY DOME ACCESSORIES

1090/086

Serial keyboard with joystick

The 1090/086 keyboard makes it possible to carry out remote control of the Easy Dome UTD 1090/072 and UTD 1090/082 and more generally any pan and tilt device that can receive Pelco-P type commands at a speed of 4800 bps

- Connection in RS 485 - RS422
- Maximum connection of the devices: 255
- Power: 12V DC
- For power supply to the Easy Domes, we recommend using art. 1090/688



1090/086

1090/083

Wall bracket with box for indoor use

- Wall support for Easy Dome provided with box for separate wiring

1090/084

Wall bracket with box IP66

- Wall support for Easy Dome. Provided with box for incorporated wiring, compatible with corner or post adaptor, constructed in ABS material.
- Dimensions: 140 (W) x 200 (H) x 50 (D) mm (only box) + 410 mm (bracket)

1090/085

Ceiling bracket with box

- Wall support for Easy Dome. Provided with box for incorporated wiring, constructed in ABS material
- Dimensions: 140 (W) x 200 (H) x 50 (D) mm (only box) + 410 mm (bracket)



1090/085

1090/087

Angle adapter

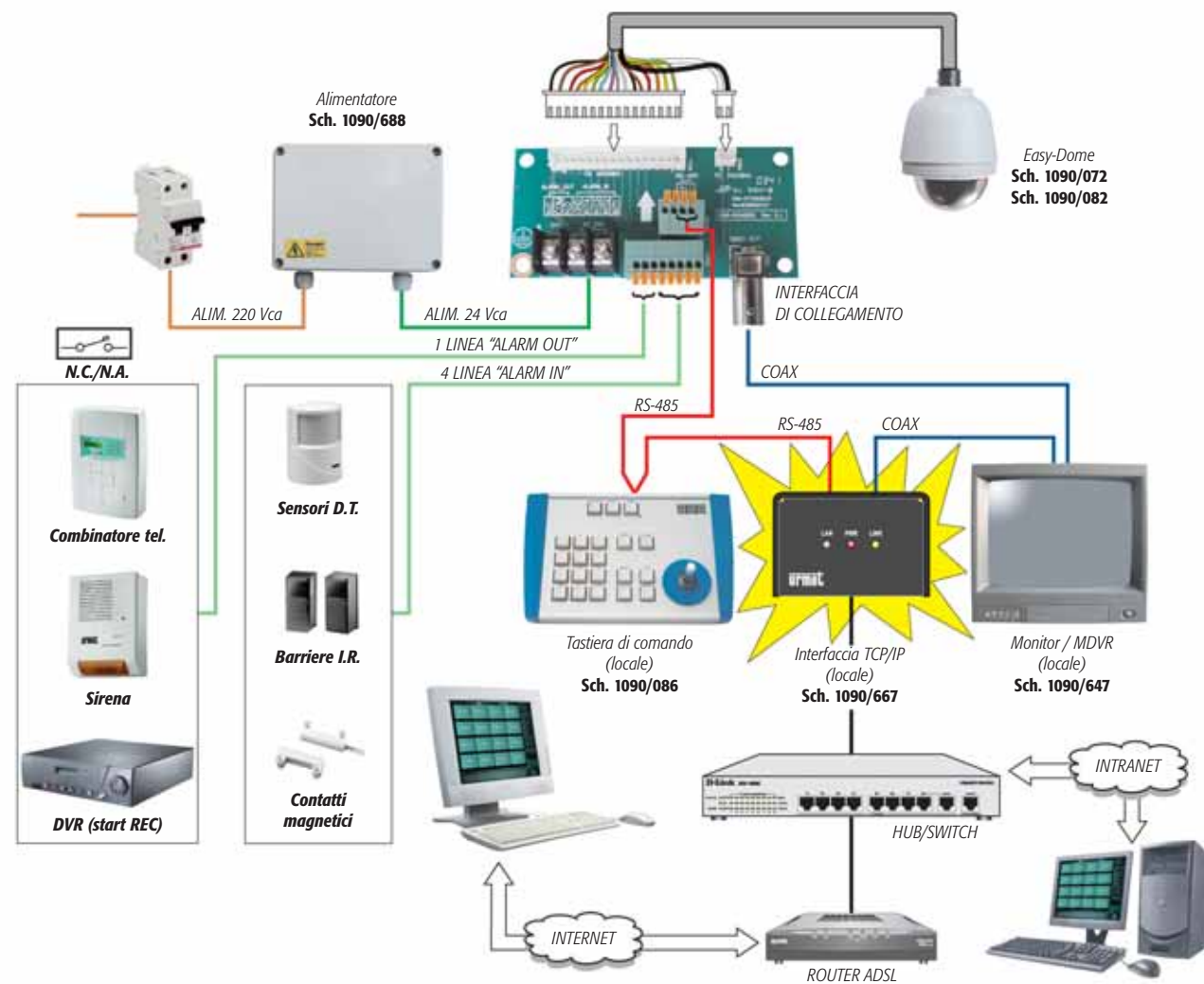
- Designed for installation of Easy Dome on corner walls.
- To be used with bracket Sch.1090/084

1090/088

Pillar adapter

- Designed for installation of Easy Dome on a post.
- To be used with bracket Sch.1090/084

EXAMPLE OF APPLICATION



Network solutions for Urmet Domus, modular and flexible, guarantee improved transition from traditional technology to the digital technology of the future.

The new products, together with other devices in the catalogue, offer simple solutions for video and audio transmission on any IP network.



Movement evolution.

Stop, forward, fast forward, stop, backing and close-up. Video surveillance is a complex issue and several video cameras often have to be monitored at the same time to get an overall view of the area to monitor and simultaneously record a changing situation. Urmet digital video recorders offer the best solution to all movement issues with fast management of all individual scenes if required with no time lost on research with their simple video menu. Digital video recorders can record and repro-

duce multiplexed images from 4 to 16 different video cameras. An optional memory system can also provide automatic recording storage for days, months and even longer. A CD-ROM can be used to save images and shots taken for immediate display on a PC. Urmet video recorders are compatible with the Ethernet web according to models used; so once an address is assigned to each machine images can also be seen live on the LAN or WAN web with remote display dedicated software.

SYSTEM SERIES DIGITAL VIDEO RECORDERS

DVR-DVS abbreviation is intended to specify that this device was created with the professional functionalities of a digital video recorder (Digital Video Recorder) specially engineered to be used through network (Digital Video Server). H.264 compression algorithm facilitates the use of the system series, synonymous with high-level quality, recording time, frame rate and networking. System series includes a set of 16/9/8 video inputs devices extremely versatile, which are able to record 25 frames per seconds on each video channel and to manage up to 8 Hard.Disks. Multicast management and the innovative main-stream sub-stream function make system range a point of reference for systems where security, performance and management flexibility don't accept compromises.



1093/040

1093/040

DVR-DVS 8 channel Video/Looping IN H.264 DCIF/CIF

- 8 composite video inputs
- 8 composite loopthrough
- 1 composite video output
- 1 VGA video output
- FULL, Multi-screen display
- Settable recording speed
- 25 fps per channel recording
- Recording resolution: 528 x 384 DCIF (only channels n° 1 and 5)
- 704 x 288 2CIF (only channels n° 1 and 5)
- 352 x 288 CIF
- 176 x 144 QCIF

- H.264 video compression
- Motion Detector
- Remote back-up via TCP/IP
- 8 alarm sensor inputs
- 4 alarm relais output
- One RJ45 10/100M UTP network port
- One RJ45 RS-232 port
- One RJ45 RS-485 port
- One RJ45 Keyboard Interface
- One RJ45 Device cascade interface
- USB backup port
- PLUG & PLAY configuration
- 4 IDE, support up to 8 HDD
- Front panel control
- Equipped with a I.R. remote control
- Easy-dome range compatible
- Client software included in the package
- 22 ~ 44 W absorption (without HDD)
- 230Vac Power supply
- 450 (L) x 450 (H) x 95 (D) mm dimensions

1093/041

DVR-DVS 16 channel Video/Audio IN H.264 D1/CIF

- 16 composite video/audio inputs
- 1 composite video output
- 1 VGA video output
- 1 Audio output
- FULL, Multi-screen display
- Settable recording speed
- 25 fps per channel recording
- Recording resolution: 528 x 384 DCIF (only channels n° 1,5,9 and 13)
- 704 x 288 2CIF (only channels n° 1,5,9 and 13)
- 352 x 288 CIF
- 176 x 144 QCIF

- H.264 video compression
- Motion Detector
- Remote back-up via TCP/IP
- 16 alarm sensor inputs
- 4 alarm relais output

SYSTEM SERIES DIGITAL VIDEO RECORDERS

- One RJ45 10/100M UTP network port
- One RJ45 RS-232 port
- One RJ45 RS-485 port
- One RJ45 Keyboard Interface
- One RJ45 Device cascade interface
- USB backup port
- PLUG & PLAY configuration
- 4 IDE, support up to 8 HDD
- Front panel control
- Equipped with a I.R. remote control
- Easy-dome range compatible
- Client software included in the package
- 22 ~ 44 W absorption (without HDD)
- 230Vac Power supply
- 450 (L) x 450 (H) x 95 (D) mm dimensions

1093/042

DVR-DVS 9 channel Video/Looping IN H.264 CIF

- 9 composite video inputs
- 9 composite loopthrough
- 1 composite video output
- 1 VGA video output
- FULL, Multi-screen display
- Settable recording speed
- 25 fps per channel recording
- Recording resolution : 352 x 288 CIF
- 176 x 144 QCIF

- H.264 video compression
- Motion Detector
- Remote back-up via TCP/IP
- Min. 9 alarm sensor inputs
- 4 alarm relais output
- One RJ45 10/100M UTP network port
- One RJ45 RS-232 port
- One RJ45 RS-485 port
- One RJ45 Keyboard Interface
- One RJ45 Device cascade interface
- USB backup port
- PLUG & PLAY configuration
- 4 IDE, support up to 8 HDD
- Front panel control
- Equipped with a I.R. remote control
- Easy-dome range compatible
- Client software included in the package
- 22 ~ 44 W absorption (without HDD)
- 230Vac Power supply
- 450 (L) x 450 (H) x 95 (D) mm dimensions

1093/043

DVR-DVS 16 channel Video IN/Matrix OUT H.264 CIF

- 16 composite video inputs
- 16 composite loopthrough
- 1 composite video output
- 1 VGA video output
- 4 Aux Video outputs (matrix function)
- FULL, Multi-screen display
- Settable recording speed
- 25 fps per channel recording
- Recording resolution : 352 x 288 CIF
- 176 x 144 QCIF



1093/042



1093/043

SYSTEM SERIES DIGITAL VIDEO RECORDERS



1093/045

- H.264 video compression
- Motion Detector
- Remote back-up via TCP/IP
- 16 alarm sensor inputs
- 4 alarm relays output
- One RJ45 10/100M UTP network port
- One RJ45 RS-232 port
- One RJ45 RS-485 port
- One RJ45 Keyboard Interface
- One RJ45 Device cascade interface
- USB backup port
- PLUG & PLAY configuration
- 4 IDE, support up to 8 HDD
- Front panel control
- Equipped with a I.R. remote control
- Easy-dome range compatible
- Client software included in the package
- 32W absorption (without HDD)
- 230Vac Power supply
- 450 (L) x 450 (H) x 95 (D) mm dimensions

1093/045

DVR-DVS 16 channel Video IN/Looping H.264 DCIF

- 16 composite video inputs
- 16 composite loopthrough
- 1 composite video output
- 1 VGA video output
- Settable recording speed
- FULL, Multi-screen display
- 25 fps per channel recording
- Recording resolution: 528 x 384 DCIF (for all channels)
- 704 x 288 2CIF (for all channels)
- 352 x 288 CIF
- 176 x 144 QCIF

- H.264 video compression
- Motion Detector
- Remote back-up via TCP/IP
- 16 alarm sensor inputs
- 4 alarm relays output
- One RJ45 10/100M UTP network port
- One RJ45 RS-232 port
- One RJ45 RS-485 port
- One RJ45 Keyboard Interface
- One RJ45 Device cascade interface
- USB backup port
- PLUG & PLAY configuration
- 4 IDE, support up to 8 HDD
- Front panel control
- Equipped with a I.R. remote control
- Easy-dome range compatible
- Client software included in the package
- 22 ~ 42W absorption (without HDD)
- 230Vac Power supply
- 450 (L) x 450 (H) x 95 (D) mm dimensions

DYNAMIC PLUS SERIES DIGITAL VIDEO RECORDERS

There are three available models with 4, 8 and 16 video inputs; Dynamic plus series combines excellent video performance with definitely competitive costs. The new DVR range, which are all of Triplex typology, is provided with LAN interface to connect the devices to a local net or Internet, audio management (4In/1Out for 4Ch version and 2In/1Out for 8 and 16Ch versions), USB port for back-up operations, extractable HD and Watermark function. Dynamic plus series includes the management SW from PC.

1093/022

DVR 16 channel Video MJPEG w/USB and LAN - HD-160Gb

- 16 composite video inputs / 4 Audio
- 2 composite video outputs / 1 Audio
- S-Video
- FULL, QUAD multi-screen display
- Live and playback zoom
- Settable recording speed
- 50fps/100 fps per second recording
- recording resolution : 720 x 288
- 360 x 288
- Continuous, Motion, Scheduled or Sensor mode recording
- Modified MJPEG video compression
- Motion Detector
- 16 NC/NO alarm sensor inputs
- 1 NC/NO alarm relays output
- RS485 communication port (controllable by Keypad)
- RJ45 10/100 Base T Network Interface
- PAN/TILT/ZOOM/FOCUS PELCO-D RS-485 protocol
- USB backup port
- PLUG & PLAY configuration
- Front panel control
- Equipped with a I.R. remote control
- 230Vac / 12Vdc 5A Power supply
- 315 (L) x 224 (H) x 52 (D) mm dimensions

1093/021

DVR 8 channel Video MJPEG w/USB and LAN -

- 8 composite video inputs / 4 Audio
- 2 composite video outputs / 1 Audio
- S-Video,
- FULL, QUAD multi-screen display
- Live and playback zoom
- Settable recording speed
- 50fps/100 fps per second recording
- recording resolution : 720 x 288
- 360 x 288
- Continuous, Motion, Scheduled or Sensor mode recording
- Modified MJPEG video compression
- Motion Detector
- 8 NC/NO alarm sensor inputs
- 1 NC/NO alarm relays output
- RS485 communication port (controllable by Keypad)
- RJ45 10/100 Base T Network Interface
- PAN/TILT/ZOOM/FOCUS PELCO-D RS-485 protocol
- USB backup port
- PLUG & PLAY configuration
- Front panel control
- Equipped with a I.R. remote control
- 230Vac / 12Vdc 5A Power supply
- 315 (L) x 224 (H) x 52 (D) mm dimensions

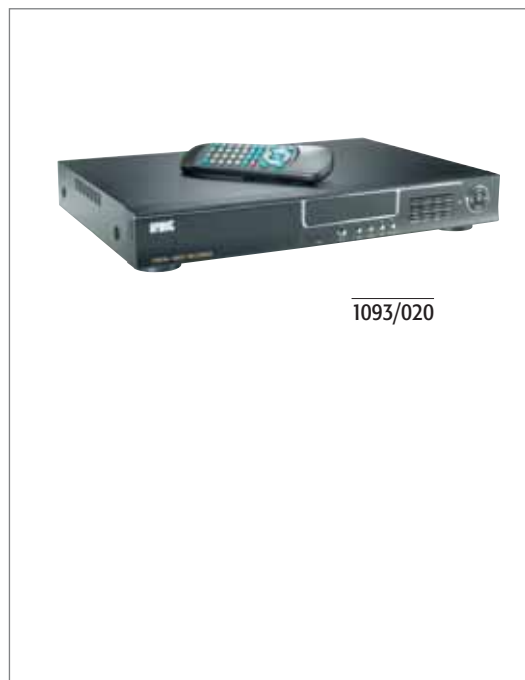


1093/022



1093/021

DYNAMIC PLUS SERIES DIGITAL VIDEO RECORDERS



1093/020

DVR 4 channel Video MJPEG w/USB and LAN -

- 4 composite video inputs / 4 Audio
- 2 composite video outputs / 1 Audio
- FULL, QUAD multi-screen display
- Live and playback zoom
- Settable recording speed
- 50fps/100 fps per second recording
- recording resolution : 720 x 288
360 x 288
- Continuous, Motion, Scheduled or Sensor mode recording
- Modified MJPEG video compression
- Motion Detector
- 4 NC/NO alarm sensor inputs
- 1 NC/NO alarm relais output
- RS485 communication port (controllable by Keypad)
- RJ45 10/100 Base T Network Interface
- PAN/TILT/ZOOM/FOCUS PELCO-D RS-485 protocol
- USB backup port
- PLUG & PLAY configuration
- Front panel control
- Equipped with a I.R. remote control
- 230Vac / 12Vdc 5A Power supply
- 315 (L) x 224 (H) x 52 (D) mm dimensions

DYNAMIC SERIES DIGITAL VIDEO RECORDERS

Dynamic range DVR is a digital video recorder, purpose-made in order to have advanced functionalities and easiness of use, at a reasonable price . Provided with 4 Video inputs (and respective alarm inputs), Dynamic range DVR enables video recording in continuous mode, alarmed mode or motion detector of the video cameras, up to 25fps altogether. The presence of a 2.0 USB port allows to make a back-up of the information inside the hard disk in an immediate and quick way.

1093/001

DVR 4 channel Video MJPEG w/USB

- 4 composite video inputs
- 2 composite video outputs
- FULL, QUAD multi-screen display
- Settable recording speed
- 25 fps total speed recording
- Continuous, Motion or Sensor mode recording
- 640 x 272 recording resolution
- 720 x 576 live resolution
- modified MJPEG video compression
- Motion Detector
- 4 alarm sensor inputs
- 1 alarm relais output
- USB backup port
- PLUG & PLAY configuration
- 1 HDD included
- Front panel control
- OSD menu
- 100-240Vac / 12Vdc 5A Power supply
- 315 (L) x 224 (H) x 52 (D) mm dimensions



LIGHT SERIES DIGITAL VIDEORECORDERS

1093/046

Multifunction Keyboard

The multifunction keyboard enables remote control of Easy Domes 1090/072 and 1090/082, and in general of any pan/tilt or DVR device capable of receiving PELCO D type commands.

- 12Vdc power supply provided as standard equipment
- 200 mA consumption
- 7-segment display
- RS485, RS232 Interface
- PELCO-D protocol
- 650 g weight
- 320 (L) x 165 (H) x 70 (D) mm dimensions



VIDEO PHONE RECORDER



1093/100

1093/100

VPR Video Phone Recorder

VPR is a digital video recorder provided with 4 video inputs (and respective alarm inputs) you can connect professional video cameras to.

Besides performing all video recording functions, VPR is able to send a video streaming of an alarm (of selectable duration) to a mobile phone.

The video confirmation of the alarm by the user may, if necessary, activate a live connection between the mobile phone and VPR, so as to permit a continuous remote surveillance.

- 4 composite video inputs
- 1 composite video output (optional)
- 1 VGA Video Output (1024x768)
- Settable recording speed
- FULL, Multi-screen display
- 25 fps per channel recording (320x240)
- 10 fps per channel recording (640x480)
- Recording resolution: 640 x 480 VGA
320 x 240 QVGA
- MPEG-4 video compression
- Linux based PC
- Motion Detector
- Remote back-up via TCP/IP,
- USB, DVD (optional) local backup
- 8/16 alarm sensor inputs (optional)
- 8 alarm relays output (optional)
- One RJ45 10/100M LAN network port
- One RS-232 serial port 9-pin
- One PS2 mouse port
- 4 USB ports
- PLUG & PLAY configuration
- Easy-dome range compatible
- Remote management by Browser interface and Java technology.
- Remote connections: PSTN, ISDN, ADSL, UMTS, GPRS (mobile connections)
- SMS and E-mail alarm notification
- 300W max. absorption (without HDD)
- 230Vac Power supply

NEW

1093/105

Alarms board USB

NEW

1093/106

Converter USB/RS485 for management of Easy Domes

NEW

1093/109

Masteriser CD/DVD

The keyboard 1093/080 represents an advanced remote control interface for devices in the System series.

We protect your security system.

It is advisable to provide our outdoor security systems with some extra protection. Urmet therefore proposes a range of housings for Urmet TV cameras, designed to contain CCD cameras with standard lenses.

These extremely sturdy housings, made of extruded and pressure-cast aluminum, feature an innovative system of opening that facilitates access to the inside. They come with a full set of accessories such as a sunshield, fans and heating as well as supporting brackets.



SHOWCASES

1090/809

Outdoor enclosure kit

- Extractable sliding body
- Made in extruded aluminium
- External dimensions: 105 (W) x 95 (H) x 315 (D) mm
- Internal dimensions: 70 (W) x 65 (H) x 300 (D) mm
- Weight: 1.4 kg
- Heater kit: 230 Vca
- Bracket not included

1090/807

Outdoor enclosure kit

- 1090/809 Showcase bracket
- External wiring passage
- 15 Kg capacity
- 0.5 Kg weight

^ Available from February 2007

Functionality in details.

A perfect CCTV system is composed by different devices, more or less sophisticated, depending on the level of technical requirements. Urmet thought of everything and the product range is definitely the most complete to solve all the situations.

Video distributors, even miniaturised, amplifiers

and power supplies; the frequency modulators and analogue motion detectors.

All the products have a high technological standard and they complete, with the same innovative standard, Urmet's CCTV range of solutions.

VIDEO POWER SUPPLY

1090/850

230 Vac – 15 Vcc – 12Vcc Power supply unit

- Power supply: 230 V ~ ±10%, 50/60 Hz
- Power: 5 VA nominal charge
- Output: Vout= 12 V, 0,18 A (with jumper-wire P1 - P2)
Vout= 15 V, 0,18 A (without jumper-wire P1 - P2)
- Protection: PTC Thermo-protection (on secondary)
- Working temperature: -10° C, + 40° C
- Weight: 300 g
- Dimensions: 65 (W) x 63 (H) x 45 (D) mm

1090/848

230 Vac – 12 Vcc power supply unit – plug in type

- Suitable for the entire range of black and white CCD TV cameras
- Input voltage: 230 Vca
- Output voltage: 12 Vcc - 300 mA
- Dimensions: 53 (W) x 90 (H) x 100 (D) mm
- Weight: 480 g

1090/849

230 Vac – 12 Vcc Vcc power supply unit – plug in type

- Suitable for the entire range of b/w and colour CCD TV cameras
- Input voltage: 230 Vca
- Output voltage: 12 Vcc - 500 mA
- Dimensions: 53 (L) x 90 (H) x 100 (P) mm
- Weight: 480 g



1090/850



1090/848

1090/849

CCD CAMERAS ACCESSORIES

1090/812

Wall bracket

- Wall bracket for CCD TV camera, length 80 mm

1090/813

Wall bracket

- Wall bracket for CCD TV camera, length 140 mm

1090/814

Wall bracket

- Wall bracket for CCD TV camera, length 190 mm

1090/836

BNC pack

- 4-piece pack of plug-in BNC, screw type

1090/837

BNC pack

- 4-piece pack of plug-in BNC, crimped type

1090/840

Power cable

- Power cable for TV cameras with 90° connector



1090/812



1090/813



MOVI SYSTEM

The innovative system with bi-directional technology which offers total security, together with wireless system advantages: flexibility, easy installation and reliability.

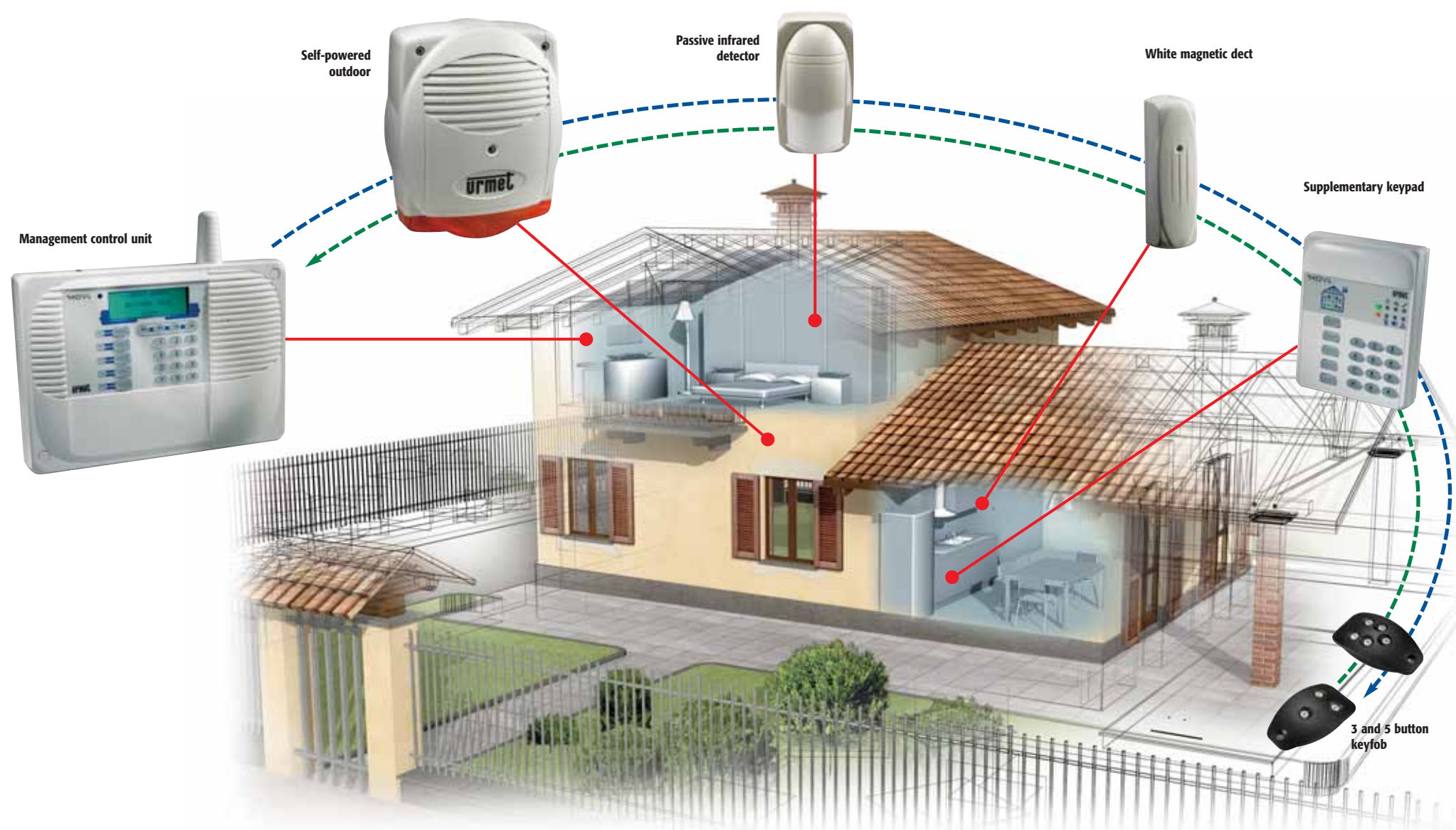
MOVI is Urmet's innovative system offering high and innovative technological performances.

Its wireless features are flanked by innovative bi-directional technology, which solves all the problems and limits related to traditional communication between connected control units and devices. It therefore ensures the system has the same high level of security enjoyed by wire systems. The decision to adopt "wireless" solutions best expresses all the advantages relative to the same: flexibility, easy installation and reliability, while avoiding any masonry work to accommodate wires.

MOVI permits partialisation of an ideal system that can satisfy almost any requirement.

In addition, MOVI can be integrated with a communicator, PSTN or GSM, to extend performances to all the very latest intelligent house functions.

Bi-directionality. Wires check-mated.



Urmet's MOVI is the truly successful move when it comes to wireless security.

With MOVI and its bi-directional technology, all problems related to communication between the control unit and those devices connected to it are definitively solved.

Because MOVI's communication is completely bi-directional and this of course affords greater security: all the system's devices are receiver-transmitters and constantly connected with the control unit, confirming the correctness of the communication. Which is why today's MOVI is the most innovative and secure wireless system available. And the wireless option is also ideal as regards flexibility, easy installation and reliability. MOVI installation does not require any masonry intervention for wires and this is of course an excellent advantage in both new houses and - above all - in houses that have already been decorated.

MOVI's communication technology makes it possible to partialise the system so that it can satisfy any requirement and separately manage signals relative to 6 different types of events. Not just burglar alarm, but also technological alarms and information panic.

MOVI, URMET'S COMMUNICATOR

The MOVI system's latest technology makes it possible to activate and manage new and interesting functions. Indeed, MOVI can be integrated with a communicator, choosing either PSTN with modem, or GSM Dual Band. With the first it is possible to activate and deactivate the fixed telephone system, with pre-recorded voice messages or digital protocols. 6 telephone numbers are programmable and vocal messages are pre-recorded.

GSM module, with antenna supplied. The alarm can be vocal or via SMS. It is also possible to send digital information to monitoring centre.

MOVI can therefore be seen as a complete wireless system, ready to respond to all today's and tomorrow's requirements as regards home automation.

WIRELESS BURGLAR ALARM Movi System

urmet

MOVI, the complete and reliable wireless system.

MOVI is Urmet's bi-directional wireless system with complete and innovative specifications. It is a system that makes it possible to manage 4 freely programmable and nameable areas, to which all the devices required can be associated: 32 sensors (plus a further 64 if the two inputs are used which are present for each magnetic transmitter), all nameable to render them individually recognisable.

With MOVI everything is under control, thanks to its LCD display with icons, from sensor alarm to programming, not least because a convenient menu system, associated with an intuitive guide, makes management absolutely simple e.g. activation: once the control unit is on, simply insert batteries in the devices which, automatically, will be recognised and initialised.

In addition, the innovative telecommand and the multifunction pushbutton panel make it possible

to achieve system insertion and remote partialisation, as well have feedback for all operations. MOVI also makes it possible to manage up to 8 detectors per area, 8 telecommands and 4 pushbutton panels, 16 access codes (from 4 to 6 figures), with a TEST of all the devices and supervision of the system, with the ability to maintain the last 128 events in the memory. MOVI displays each individual event and all alarm, configuration and diagnosis information. MOVI makes it possible to automatically exclude a detector after 8 alarms and manually exclude individual areas or individual detectors. MOVI provides control of the power status for each device, communicating its anomalies; the selection of alarm times, input and output; verification of any interferences in radiofrequency; programming of supervision times and jamming.

TOP
selection
security&safety



MANAGEMENT CONTROL UNIT AND KIT

1057/901

"MOVI" anti-intruder kit

The kit comprises:

- 1057/008: a management central unit
- 1057/101: a passive infrared detector
- 1057/201: a magnetic contact
- 1057/035: a 5 button telecommand

1057/008

Management control unit

- Microprocessor control unit with display and integrated command pushbutton panel
- 4 partialisable areas via pushbutton panel and telecommand
- 4 freely configurable areas
- Max. 32 programmable detectors
- Integrated siren 110 dB at 3 m
- 2 output relays 1A@24VDC
- Average range in unobstructed field: 500 m
- Alarm time
- Output time
- Input time
- Automatic exclusion of a detector after 8 alarms
- Tampering 24H
- Monitoring of each devices power supply
- Supervision
- Bi-directional dialogue with each device
- Material: ABS white
- Power voltage: 2 lithium batteries 1057/612 supplied
- Protection level: IP30
- Dimensions: 275 (L) x 244 (H) x 65 (D) mm



1057/901



1057/008
1057/025

KEYFOB

1057/033

Keyfob with 3 bi-directional buttons

- Power voltage: 1 lithium BATTERY 1057/613 supplied
- Autonomy: up to 3 years
- Average range in unobstructed field: 50 m
- Display of system statuses on dedicated LEDs
- Encrypted transmission
- 2 programmable functions per key
- Material: ABS black
- Function temperature: - 5°C + 55°C
- Dimensions: 49 (L) x 82 (H) x 22 (D) mm

1057/035

Keyfob with 5 bi-directional buttons

- Power voltage: 1 lithium BATTERY 1057/613 supplied
- Autonomy: up to 3 years
- Average range in unobstructed field: 50 m
- Display of the system statuses on dedicated LEDs
- Encrypted transmission
- 2 programmable functions per key
- Material: ABS black
- Function temperature: - 5°C + 55°C
- Dimensions: 49 (L) x 82 (H) x 22 (D) mm



1057/033



1057/035

KEYPADS



1057/025

1057/025

- Bi-directional backlit command pushbutton panel**
- Power voltage: 1 lithium BATTERY 1057/613 supplied
 - Autonomy: up to 3 years
 - Average range in unobstructed field: 500 m
 - Pushbutton panel and backlit display
 - Twilight sensor for consumption limitations
 - Access code: from 4 to 6 figures
 - Tamper protection
 - System status communication led
 - Material: ABS white
 - Function temperature: - 5°C + 55°C
 - Protection level: IP41
 - Dimensions: 107 (L) x 139 (H) x 37 (D) mm

SIRENS



1057/405

1057/405

- Self-powered external siren**
- Power voltage: 1 lithium BATTERY 1057/613 supplied
 - Autonomy: up to 5 years
 - Average range in unobstructed field: 500 m
 - Polycarbonate material
 - Blinker: flash
 - Sound level: 115 dB a 3 m
 - Selectable bell
 - Tamper protection
 - Metallic protection grill
 - Operating temperature: - 20°C + 50°C
 - Protection level: IP44
 - Dimensions: 254 (L) x 314 (H) x 108 (D) mm

DETECTORS



1057/101

1057/101

- Passive infrared detector**
- Power voltage: 1 lithium BATTERY 1057/613 supplied
 - Autonomy: up to 3 years
 - Average range in unobstructed field: 500 m
 - Tamper protection
 - Protection cover: 15 m
 - Impulses count
 - Material: ABS white
 - Operating temperature: - 5°C + 40°C
 - Protection level: IP30
 - Dimensions: 70 (L) x 124 (H) x 54 (D) mm



1057/201

1057/201

- White opening detector**
- Power voltage: 1 lithium BATTERY 1057/613 supplied
 - Autonomy: up to 3 years
 - Average range in unobstructed field: 500 m
 - Tamper protection
 - 2 auxiliary inputs (for wire contacts), identifiable and programmable
 - Material: ABS white
 - Operating temperature: - 5°C + 40°C
 - Protection level: IP40
 - Dimensions: 35 (L) x 124 (H) x 34 (D) mm



1057/202

1057/202

- Brown opening detector**
- Power voltage: 1 lithium BATTERY 1057/613 supplied
 - Autonomy: up to 3 years
 - Average range in unobstructed field: 500 m
 - Tamper protection
 - 2 auxiliary inputs (for wire contacts) identifiable and programmable
 - Material: ABS brown
 - Operating temperature: - 5°C + 40°C
 - Protection level: IP40
 - Dimensions: 35 (L) x 124 (H) x 34 (D) mm

PSTN AND GSM COMMUNICATORS

1057/002

- PSTN communicator module with modem**
- Optional communicator which constitutes an interface between the control unit and the network fixed telephone (PSTN) for communications via modem, with pre-recorded voice messages or numerical protocol.
 - Connection to the telephonic line: terminals connector
 - 6 programmable telephone numbers
 - Voice synthesis message
 - 1 common customisable message + 3 prerecordings
 - Commutation of the control unit via remote voice confirmation
 - ON/OFF commutation of the system via remote voice confirmation



1057/002

1057/458

- Module GSM for control unit 1057/008**
- GSM Dual Band module with antenna provided, functioning with module 1057/002
 - Automatic telephonic transmitter
 - Alarm message: vocal or SMS
 - Programming from control unit pushbutton panel
 - Call repetition: programmable
 - Message repetition: programmable
 - Response waiting time: programmable



1057/458

BATTERIES

1057/612

- Lithium battery 3.6V 14Ah**
Package with 2 Lithium batteries 3.6 V 14 Ah for control unit and external siren.

1057/613

- Lithium battery 3V**
Lithium battery 3V CR-123A for detectors, telecomands and pushbutton panel

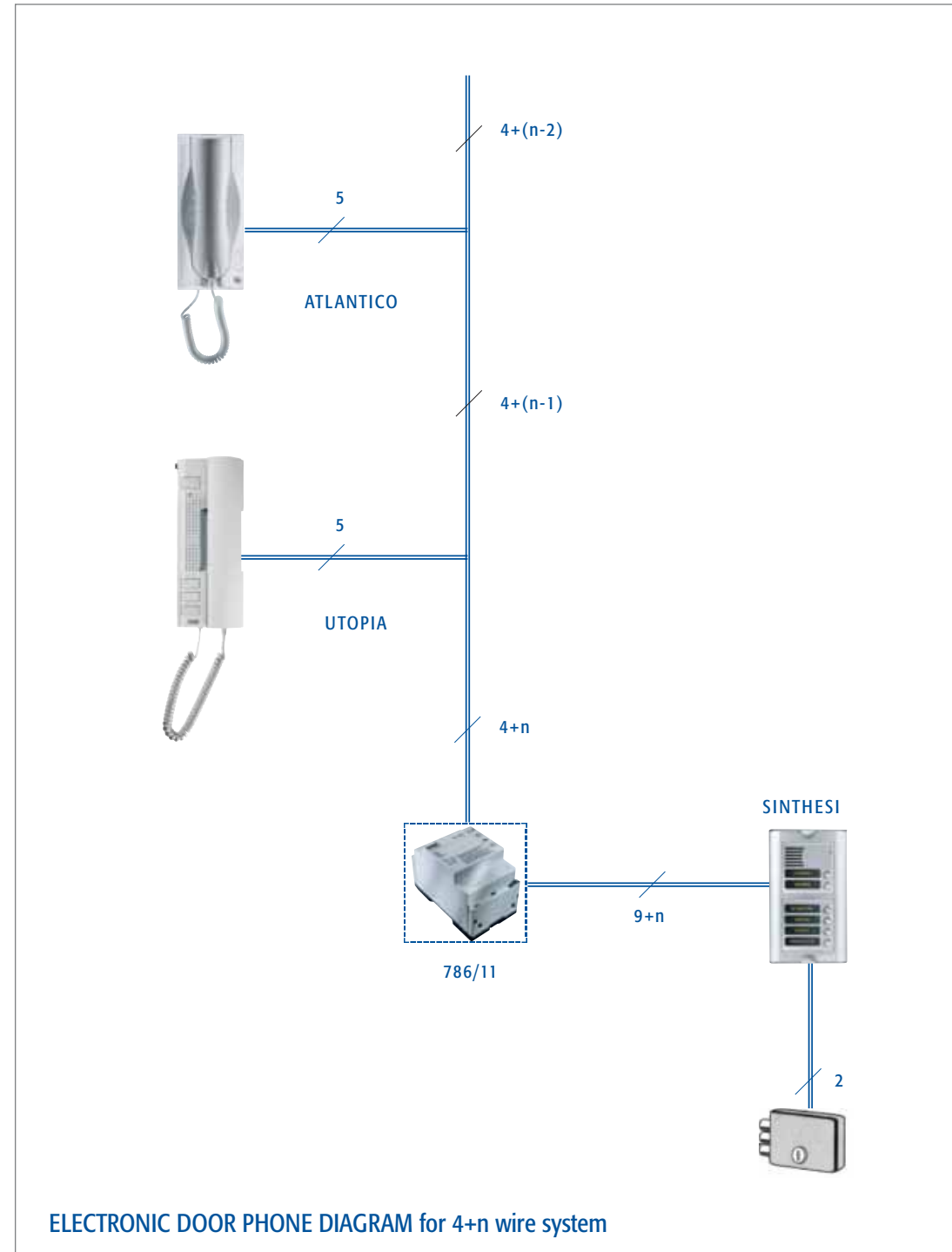
1033/614

- Lithium battery 3V**
Lithium battery 3V for detectors and pushbutton panel



COMPOSITION TABLES

4+n door phones



SYNTHESI PUSHBUTTON PANEL: FROM 1 TO 20 BUTTONS

N O. B U T T O N S	EMBEDDING BOXES				MODULES ARRANGED FOR LOUDSPEAKING UNIT				LOUDSPEAKING UNIT	MODULES WITH BUTTONS AND REPERTORY MODULE							FRAMES AND MODULE HOLDER				POWER SUPPLY	UTOPIA DOOR PHONE	ATLANTICO DOOR PHONE												
	1	1	4	5	5	5	5	2	1	1	1	4	5	5	5	5	5	5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
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20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

COMPOSITION TABLES

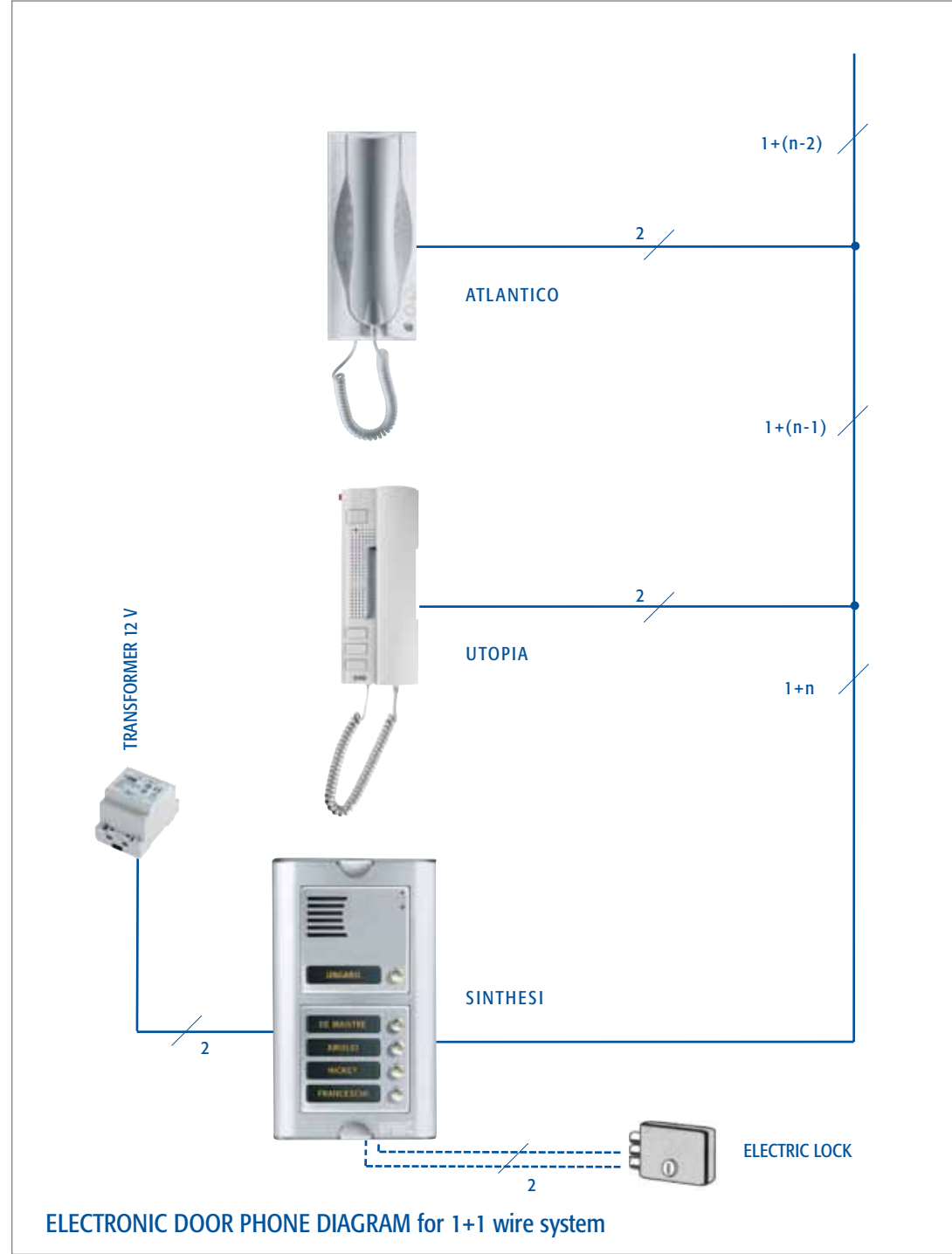
4+n door phones

K-STEEL PUSHBUTTON PANEL: FROM 1 TO 20 BUTTONS

N. O. BUTTONS	EMBEDDING BOXES		MODULES ARRANGED FOR LOUDSPEAKING UNIT		MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER		POWER SUPPLY	UTOPIA DOOR PHONE	ATLANTICO DOOR PHONE											
	1	2	1	2	1	2	3	4	5	6				7	8	9	10	11	12	13	14	15	16	17
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

GENYA PUSHBUTTON PANEL: FROM 1 TO 20 BUTTONS

ANTHRACITE	GREY	4+N LOUDSPEAKING UNIT	REPERTORY LABEL / BLIND MODULE		HOUSING WITH FRONTAL PANEL UNIT			POWER SUPPLY	UTOPIA DOOR PHONE	ATLANTICO DOOR PHONE	EMBEDDING BOX WITH WALLMOUNTING FRAME	NO. USERS
			1	2	1	2	3					
1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	3
4	1	1	1	1	1	1	1	1	1	1	1	4
5	1	1	1	1	1	1	1	1	1	1	1	5
6	1	1	1	1	1	1	1	1	1	1	1	6
7	1	1	1	1	1	1	1	1	1	1	1	7
8	1	1	1	1	1	1	1	1	1	1	1	8
9	1	1	1	1	1	1	1	1	1	1	1	9
10	1	1	1	1	1	1	1	1	1	1	1	10
11	1	1	1	1	1	1	1	1	1	1	1	11
12	1	1	1	1	1	1	1	1	1	1	1	12
13	1	1	1	1	1	1	1	1	1	1	1	13
14	1	1	1	1	1	1	1	1	1	1	1	14
15	1	1	1	1	1	1	1	1	1	1	1	15
16	1	1	1	1	1	1	1	1	1	1	1	16



SYNTHESI PUSHBUTTON PANEL: FROM 1 TO 20 BUTTONS

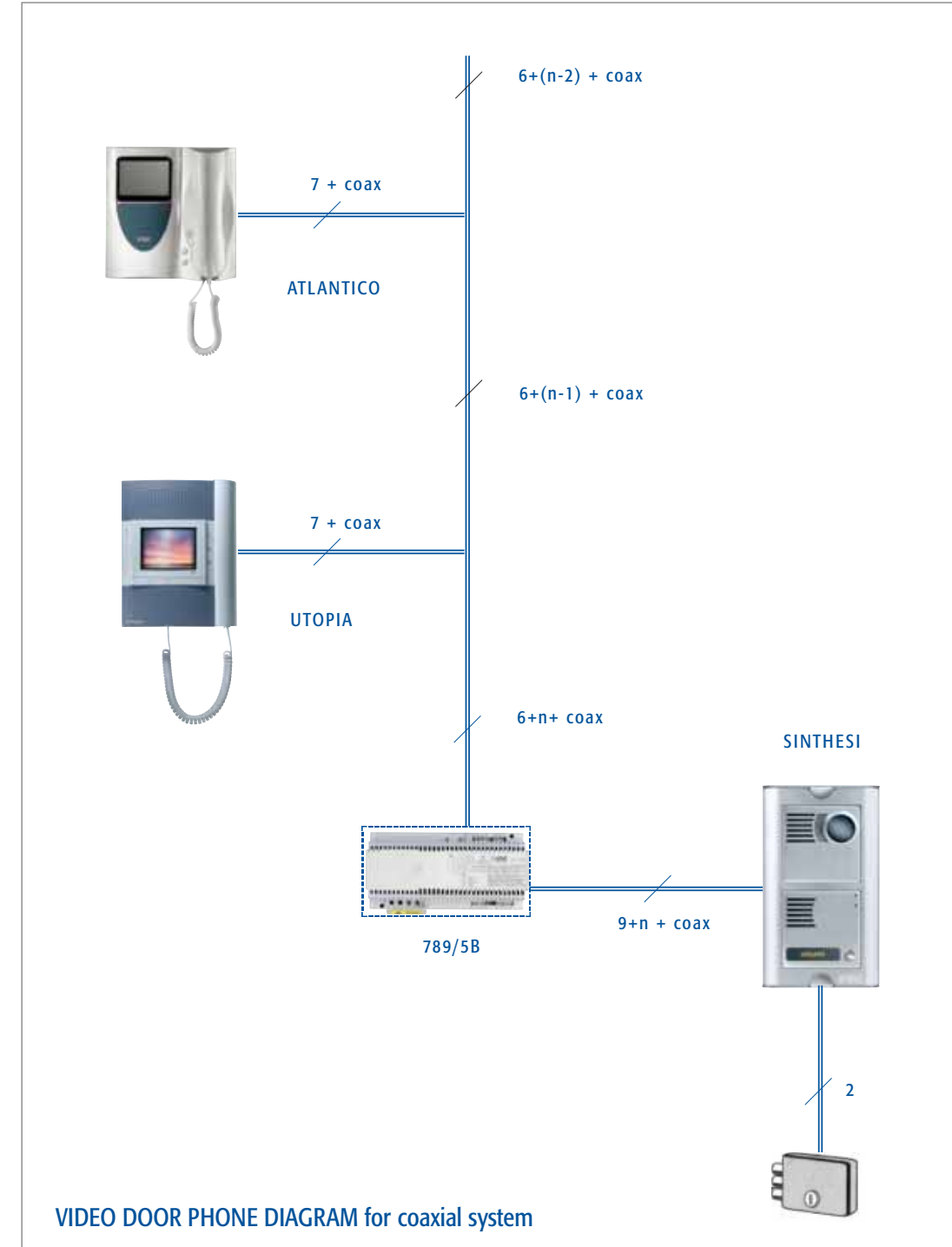
	EMBEDDING BOXES	MODULES ARRANGED FOR LOUDSPEAKING UNIT	LOUDSPEAKING UNIT	SECRECY OF CONVERSATION	MODULES WITH BUTTONS AND REPERTORY MODULE	FRAMES AND MODULE HOLDER	TRANSFORMER	UTOPIA DOOR PHONE	ATLANTICO DOOR PHONE
N O.	1	1	1	1	1	1	9	1	1
B U T T O N S	4	4	4	4	4	4	0	3	3
	5	5	5	5	5	5	0	4	3
	/	/	/	/	/	/	/	/	/
	5	2	6	7	1	6	2	3	5
	5	2	7	4	5	6	3	5	5
	2	0	1	2	3	2	0	A	A
	3	1	2	3	4	3	0		
1	1	1	1	1	1	1	1	1	1
2	-	-	1	-	-	-	1	2	2
3	-	-	-	1	-	-	1	3	3
4	-	1	-	-	-	1	1	4	4
5	-	-	1	-	-	-	1	5	5
6	-	1	-	1	-	-	1	6	6
7	-	-	1	-	-	-	1	7	7
8	-	1	-	2	-	-	1	8	8
9	-	-	1	2	-	-	1	9	9
10	-	1	-	2	-	-	1	10	10
11	-	-	1	3	-	-	1	11	11
12	-	1	-	3	-	-	1	12	12
13	-	-	1	3	-	-	1	13	13
14	-	1	-	3	1	-	1	14	14
15	-	-	1	4	-	2	1	15	15
16	-	1	-	4	1	-	1	16	16
17	-	-	1	4	-	2	1	17	17
18	-	1	-	4	-	2	1	18	18
19	-	-	1	5	-	2	1	19	19
20	-	1	-	5	5	2	1	20	20

COMPOSITION TABLES
1+1 door phone

K-STEEL PUSHBUTTON PANEL: FROM 1 TO 20 BUTTONS

N O. B U T T O N S	EMBEDDING BOXES		MODULE WITH LOUDSPEAKING UNIT		SECRECY OF CONVERSATION	MODULES WITH BUTTONS AND REPERTORY MODULE								FRAMES AND MODULE HOLDER		TRANSFORMER	UTOPIA DOOR PHONE	ATLANTICO DOOR PHONE
	1	2	1	2		1	1	1	1	1	1	1	1	1	1			
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

COMPOSITION TABLES
Coax video door phones



VIDEO DOOR PHONE DIAGRAM for coaxial system

SINTHESI PUSHBUTTON PANEL: WITH BW TELECAMERA, FROM 1 TO 20 BUTTONS

N O.	EMBEDDING BOXES		MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER			CAMERA MODULE WITH 1 KEY AND LOUDSPEAKING UNIT	CAMERA MODULE WITH 2 KEYS AND LOUDSPEAKING UNIT	POWER SUPPLY	ARTICO		ATLANTICO	
													1	7	1	2
1	1	1	1	1	1	1	1	1	1	1	7	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	7	1	1	7	7	2
5	4	4	4	4	4	4	4	4	4	4	9	0	0	0	0	0
5	5	5	5	5	5	5	5	5	5	5	/	5	5	2	2	2
5	/	/	/	/	/	/	/	/	/	/	5	/	/	/	/	/
5	5	5	1	1	1	1	1	1	1	1	5	1	1	9	9	9
2	3	4	1	2	3	4	0	9	1	2	3	4	0	0	0	0
1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
2	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
3	-	1	-	-	-	-	-	-	-	-	-	-	-	2	2	2
4	-	1	-	-	-	-	-	-	-	-	-	-	-	3	3	3
5	-	1	-	-	-	-	-	-	-	-	-	-	-	4	4	4
6	-	1	-	-	-	-	-	-	-	-	-	-	-	5	5	5
7	-	1	-	-	-	-	-	-	-	-	-	-	-	6	6	6
8	-	1	-	-	-	-	-	-	-	-	-	-	-	7	7	7
9	-	1	-	-	-	-	-	-	-	-	-	-	-	8	8	8
10	-	1	-	-	-	-	-	-	-	-	-	-	-	9	9	9
11	-	2	-	-	-	-	-	-	-	-	-	-	-	10	10	10
12	-	2	-	-	-	-	-	-	-	-	-	-	-	11	11	11
13	-	2	-	-	-	-	-	-	-	-	-	-	-	12	12	12
14	-	2	-	-	-	-	-	-	-	-	-	-	-	13	13	13
15	-	2	-	-	-	-	-	-	-	-	-	-	-	14	14	14
16	-	2	-	-	-	-	-	-	-	-	-	-	-	15	15	15
17	-	2	-	-	-	-	-	-	-	-	-	-	-	16	16	16
18	-	2	-	-	-	-	-	-	-	-	-	-	-	17	17	17
19	-	2	-	-	-	-	-	-	-	-	-	-	-	18	18	18
20	-	2	-	-	-	-	-	-	-	-	-	-	-	19	19	19
20	-	2	-	-	-	-	-	-	-	-	-	-	-	20	20	20

SINTHESI PUSHBUTTON PANEL: WITH COLOUR TELECAMERA FROM 1 TO 20 BUTTONS

N O.	EMBEDDING BOXES		MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER			CAMERA MODULE WITH 1 KEY AND LOUDSPEAKING UNIT	CAMERA MODULE WITH 1 KEY AND LOUDSPEAKING UNIT	POWER SUPPLY	UTOPA	UTOPA HANDSFREE	ATLANTICO	
													1	7	1	2
1	1	1	1	1	1	1	1	1	1	1	7	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	7	1	1	7	7	2
4	4	4	4	4	4	4	4	4	4	4	9	0	0	0	0	0
5	5	5	5	5	5	5	5	5	5	5	/	5	5	2	2	2
5	/	/	/	/	/	/	/	/	/	/	5	/	/	/	/	/
5	5	5	1	1	1	1	1	1	1	1	5	1	1	9	9	9
1	2	3	4	1	2	3	4	0	9	1	2	3	4	0	0	0
1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1
2	-	1	-	-	-	-	-	-	-	-	-	-	-	2	2	2
3	-	1	-	-	-	-	-	-	-	-	-	-	-	3	3	3
4	-	1	-	-	-	-	-	-	-	-	-	-	-	4	4	4
5	-	1	-	-	-	-	-	-	-	-	-	-	-	5	5	5
6	-	1	-	-	-	-	-	-	-	-	-	-	-	6	6	6
7	-	1	-	-	-	-	-	-	-	-	-	-	-	7	7	7
8	-	1	-	-	-	-	-	-	-	-	-	-	-	8	8	8
9	-	1	-	-	-	-	-	-	-	-	-	-	-	9	9	9
10	-	1	-	-	-	-	-	-	-	-	-	-	-	10	10	10
11	-	1	-	-	-	-	-	-	-	-	-	-	-	11	11	11
12	-	1	-	-	-	-	-	-	-	-	-	-	-	12	12	12
13	-	1	-	-	-	-	-	-	-	-	-	-	-	13	13	13
14	-	2	-	-	-	-	-	-	-	-	-	-	-	14	14	14
15	-	2	-	-	-	-	-	-	-	-	-	-	-	15	15	15
16	-	2	-	-	-	-	-	-	-	-	-	-	-	16	16	16
17	-	2	-	-	-	-	-	-	-	-	-	-	-	17	17	17
18	-	2	-	-	-	-	-	-	-	-	-	-	-	18	18	18
19	-	2	-	-	-	-	-	-	-	-	-	-	-	19	19	19
20	-	2	-	-	-	-	-	-	-	-	-	-	-	20	20	20

K-STEEL PUSHBUTTON PANEL: WITH COLOUR TELECAMERA FROM 1 TO 20 BUTTONS

EMBEDDING BOXES	MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER		MODULI CON PE.	MODULI TLC	MODULI TLC E PE 1 TASTO	POWER SUPPLY	UTOPA CON MICROTELEFONO		UTOPA VIVA-VOCE		ATLANTICO	
	1	1	1	1	1	1					1	1	1	1	1	1
N	1	1	1	1	1	1	1	1	7	1	1	1	1	1	1	1
O.	1	1	1	1	1	1	1	1	8	1	1	1	1	1	1	1
5	5	5	5	5	5	5	5	5	9	1	1	1	1	1	1	1
5	5	5	5	5	5	5	5	5	0	1	1	1	1	1	1	1
/	/	/	/	/	/	/	/	/	5	1	1	1	1	1	1	1
6	6	6	6	6	6	6	6	6	B	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	A	1	1	1	1	1	1	1
3	3	3	3	3	3	3	3	3		1	1	1	1	1	1	1
4	4	4	4	4	4	4	4	4		1	1	1	1	1	1	1
5	5	5	5	5	5	5	5	5		1	1	1	1	1	1	1
6	6	6	6	6	6	6	6	6		1	1	1	1	1	1	1
7	7	7	7	7	7	7	7	7		1	1	1	1	1	1	1
8	8	8	8	8	8	8	8	8		1	1	1	1	1	1	1
9	9	9	9	9	9	9	9	9		1	1	1	1	1	1	1
10	10	10	10	10	10	10	10	10		1	1	1	1	1	1	1
11	11	11	11	11	11	11	11	11		1	1	1	1	1	1	1
12	12	12	12	12	12	12	12	12		1	1	1	1	1	1	1
13	13	13	13	13	13	13	13	13		1	1	1	1	1	1	1
14	14	14	14	14	14	14	14	14		1	1	1	1	1	1	1
15	15	15	15	15	15	15	15	15		1	1	1	1	1	1	1
16	16	16	16	16	16	16	16	16		1	1	1	1	1	1	1
17	17	17	17	17	17	17	17	17		1	1	1	1	1	1	1
18	18	18	18	18	18	18	18	18		1	1	1	1	1	1	1
19	19	19	19	19	19	19	19	19		1	1	1	1	1	1	1
20	20	20	20	20	20	20	20	20		1	1	1	1	1	1	1

K-STEEL PUSHBUTTON PANEL: WITH BW TELECAMERA FROM 1 TO 20 BUTTONS

EMBEDDING BOXES	MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER		CAMERA MODULE WITH LOUDSPEAK-ING UNIT	CAMERA MODULE WITH 1 KEY AND LOUDSPEAKING UNIT	POWER SUPPLY	ARTICO MONITOR		ATLANTICO MONITOR	
	1	1	1	1	1	1				1	1	1	1
N	1	1	1	1	1	1	1	1	7	1	1	1	1
O.	1	1	1	1	1	1	1	1	8	1	1	1	1
5	5	5	5	5	5	5	5	5	9	1	1	1	1
5	5	5	5	5	5	5	5	5	0	1	1	1	1
/	/	/	/	/	/	/	/	/	5	1	1	1	1
6	6	6	6	6	6	6	6	6	B	1	1	1	1
1	1	1	1	1	1	1	1	1	0	1	1	1	1
2	2	2	2	2	2	2	2	2		1	1	1	1
3	3	3	3	3	3	3	3	3		1	1	1	1
4	4	4	4	4	4	4	4	4		1	1	1	1
5	5	5	5	5	5	5	5	5		1	1	1	1
6	6	6	6	6	6	6	6	6		1	1	1	1
7	7	7	7	7	7	7	7	7		1	1	1	1
8	8	8	8	8	8	8	8	8		1	1	1	1
9	9	9	9	9	9	9	9	9		1	1	1	1
10	10	10	10	10	10	10	10	10		1	1	1	1
11	11	11	11	11	11	11	11	11		1	1	1	1
12	12	12	12	12	12	12	12	12		1	1	1	1
13	13	13	13	13	13	13	13	13		1	1	1	1
14	14	14	14	14	14	14	14	14		1	1	1	1
15	15	15	15	15	15	15	15	15		1	1	1	1
16	16	16	16	16	16	16	16	16		1	1	1	1
17	17	17	17	17	17	17	17	17		1	1	1	1
18	18	18	18	18	18	18	18	18		1	1	1	1
19	19	19	19	19	19	19	19	19		1	1	1	1
20	20	20	20	20	20	20	20	20		1	1	1	1

COMPOSITION TABLES

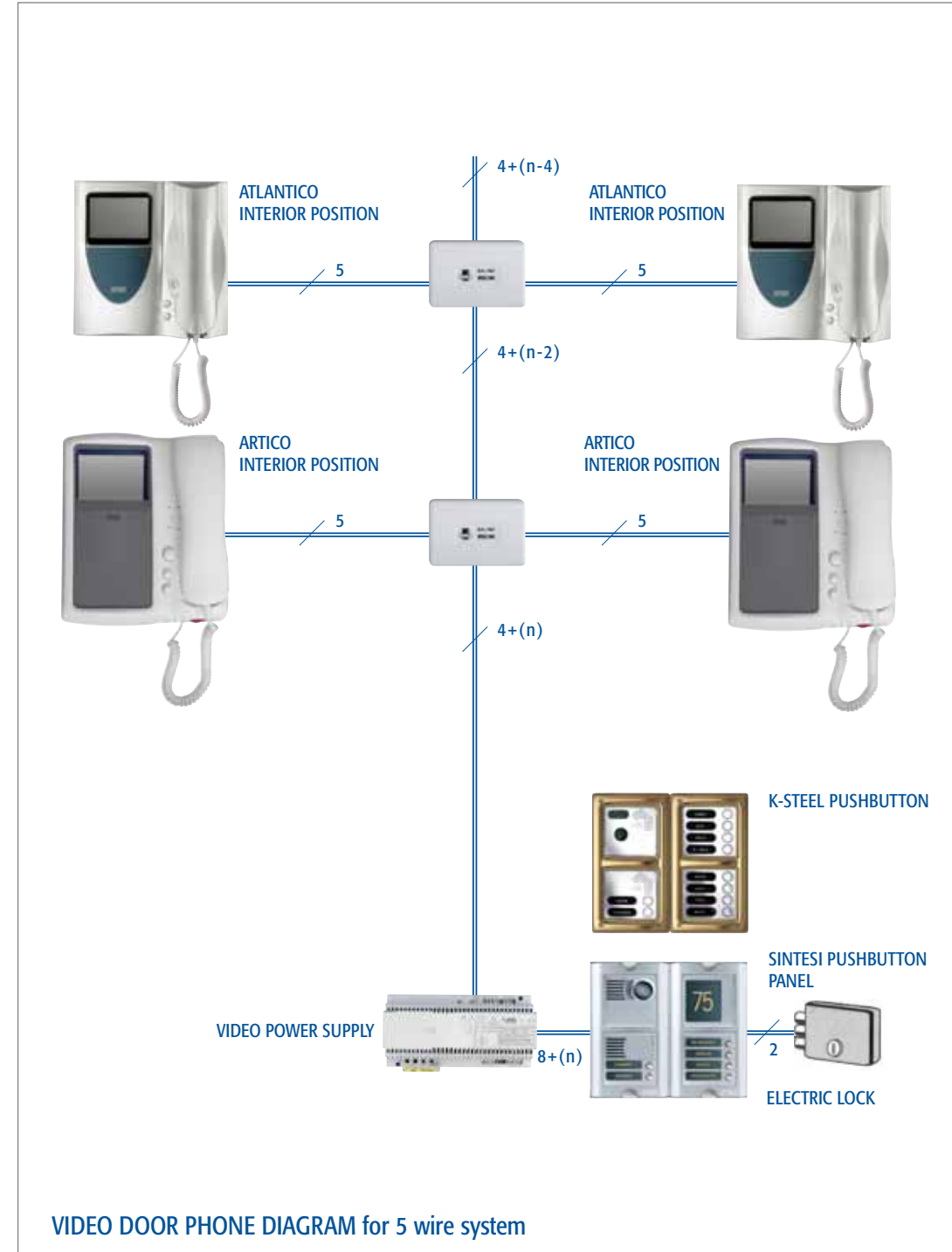
Coax video door phones

GENYA PUSHBUTTON PANEL: WITH BW TELECAMERA FROM 1 TO 14 BUTTONS

ANTRACITE	GREY	4+N LOUDSPEAKING UNIT	REPERTORY LABEL / BLIND MODULE				HOUSING WITH FRONTAL PANEL UNIT				POWER SUPPLY	ARTICO		ATLANTICO		EMBEDDING BOX WITH WALLMOUNTING FRAME	
			1	2	8	5	1	2	8	2		1	7	0	1	7	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	2	1	2	1	1	1	1	1	1	1	2	2	2	2	2	2
3	1	3	1	3	1	1	1	1	1	1	1	3	3	3	3	3	3
4	1	4	1	4	1	1	1	1	1	1	1	4	4	4	4	4	4
5	1	5	1	5	1	1	1	1	1	1	1	5	5	5	5	5	5
6	1	6	1	6	1	1	1	1	1	1	1	6	6	6	6	6	6
7	1	7	1	7	1	1	1	1	1	1	1	7	7	7	7	7	7
8	1	8	1	8	1	1	1	1	1	1	1	8	8	8	8	8	8
9	1	9	1	9	1	1	1	1	1	1	1	9	9	9	9	9	9
10	1	10	1	10	1	1	1	1	1	1	1	10	10	10	10	10	10
11	1	11	1	11	1	1	1	1	1	1	1	11	11	11	11	11	11
12	1	12	1	12	1	1	1	1	1	1	1	12	12	12	12	12	12
13	1	13	1	13	1	1	1	1	1	1	1	13	13	13	13	13	13
14	1	14	1	14	1	1	1	1	1	1	1	14	14	14	14	14	14

COMPOSITION TABLES

5 wires video door phones



COMPOSITION TABLES

5 wires video door phones



SINTHESI PUSHBUTTON PANEL: WITH COLOUR TELECAMERA FROM 1 TO 20 BUTTONS

N O. B U T T O N S	EMBEDDING BOXES				MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER				SECURITY OF CONVERSATION	CAMERA MODULE	MODULES WITH BUTTONS AND LOUD-SPEAKING UNIT	CAMERA ADAPTER	LOUDSPEAKING UNIT	VIDEO DISTRIBUTOR	POWER SUPPLY	UTOPIA		ATLANTICO
	1	1	1	1	1	1	1	1	1	1	1	1								1	1	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

SINTHESI PUSHBUTTON PANEL: BW FROM 1 TO 20 BUTTONS

N O. B U T T O N S	EMBEDDING BOXES				MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER				SECURITY OF CONVERSATION	CAMERA MODULES WITH BUTTONS AND LOUDSPEAKING UNIT	VIDEO DISTRIBUTOR	POWER SUPPLY	ARTICO		ATLANTICO			
	1	1	1	1	1	1	1	1	1	1	1	1					1	1		1	1	1
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

COMPOSITION TABLES

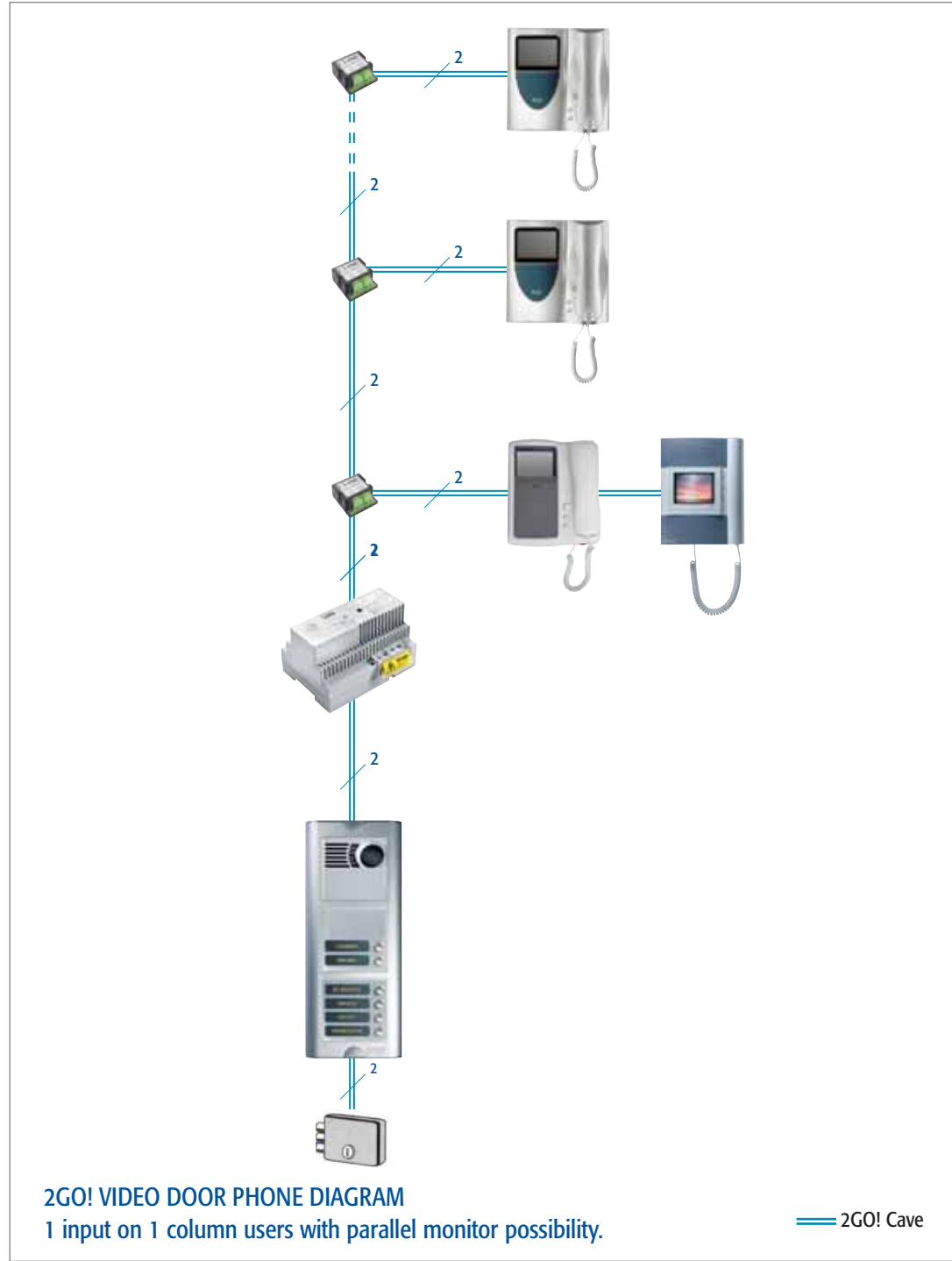
5 wires video door phones

K-STEEL PUSHBUTTON PANEL: WITH COLOUR TELECAMERA FROM 1 TO 20 BUTTONS

	EMBEDDING BOXES		MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER		SECURITY OF CONVERSATION		CAMERA MODULE		MODULES WITH BUTTONS AND LOUDSPEAKING UNIT		VIDEO DISTRIBUTOR		POWER SUPPLY		UTOPIA		ATLANTICO	
	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
O.	5	5	5	5	5	5	5	5	4	4	7	1	1	1	5	9	7	7	7	7	7	7
B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
U	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
T	6	6	1	1	1	1	1	1	7	7	4	3	3	3	0	5	1	9	9	9	9	9
T	3	3	1	2	3	4	0	9	4	4	5	0	1	2	B	5	5	5	5	5	5	5
TONS	1	1	A	A	A	A	9	1	2	3	4	1	A	5		5	5	5	5	5	5	5
1	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	1	1	1	1	1
2	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	2	2	2	2	2	2	2
3	-	-	1	-	-	-	-	-	1	1	1	-	-	-	1	1	3	3	3	3	3	3
4	-	-	1	-	-	-	-	-	1	1	1	-	-	-	1	1	4	4	4	4	4	4
5	-	-	1	-	-	-	-	-	1	1	1	-	-	-	2	1	5	5	5	5	5	5
6	-	1	-	-	-	-	-	-	1	1	1	-	-	-	2	1	6	6	6	6	6	6
7	-	2	-	-	-	-	-	2	2	1	1	-	-	-	2	1	7	7	7	7	7	7
8	-	2	-	-	-	-	-	2	2	1	1	-	-	-	2	1	8	8	8	8	8	8
9	-	2	-	-	-	-	-	2	2	1	1	-	-	-	3	1	9	9	9	9	9	9
10	-	-	2	-	-	-	-	-	2	2	1	-	-	-	3	1	10	10	10	10	10	10
11	-	-	2	-	-	-	-	-	3	3	1	-	-	-	3	1	11	11	11	11	11	11
12	-	-	2	-	-	-	-	-	3	3	1	-	-	-	3	1	12	12	12	12	12	12
13	-	-	2	-	-	-	-	-	3	3	1	-	-	-	4	1	13	13	13	13	13	13
14	-	-	2	-	-	-	-	-	3	3	1	-	-	-	4	1	14	14	14	14	14	14
15	-	-	2	-	-	-	-	-	4	4	1	-	-	-	4	1	15	15	15	15	15	15
16	-	-	2	-	-	-	-	-	4	4	1	-	-	-	4	1	16	16	16	16	16	16
17	-	-	2	-	-	-	-	-	4	4	1	-	-	-	5	1	17	17	17	17	17	17
18	-	-	2	-	-	-	-	-	4	4	1	-	-	-	5	1	18	18	18	18	18	18
19	-	-	3	-	-	-	-	-	5	5	1	-	-	-	5	1	19	19	19	19	19	19
20	-	-	3	-	-	-	-	-	5	5	1	-	-	-	5	1	20	20	20	20	20	20

K-STEEL PUSHBUTTON PANEL: WITH BW TELECAMERA FROM 1 TO 20 BUTTONS

	EMBEDDING BOXES		MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER		SECURITY OF CONVERSATION		MODULES WITH BUTTONS AND LOUDSPEAKING UNIT		CAMERA MODULE		VIDEO DISTRIBUTOR		POWER SUPPLY		ARTICO		ATLANTICO	
	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
O.	5	5	5	5	5	5	5	5	4	4	5	1	1	1	5	8	7	7	7	7	7	7
B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
U	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
T	6	6	1	1	1	1	1	1	7	7	3	3	3	3	0	5	1	9	9	9	9	9
T	3	3	1	2	3	4	0	9	4	4	0	1	2	0	B	5	5	5	5	5	5	5
TONS	1	1	A	A	A	A	9	1	2	3	4	A	A	A		5	5	5	5	5	5	5
1	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1	1	1	1	1	1	1
2	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	2	2	2	2	2	2	2
3	-	-	1	-	-	-	-	-	1	1	1	-	-	-	1	1	3	3	3	3	3	3
4	-	-	1	-	-	-	-	-	1	1	1	-	-	-	1	1	4	4	4	4	4	4
5	-	-	1	-	-	-	-	-	1	1	1	-	-	-	2	1	5	5	5	5	5	5
6	-	1	-	-	-	-	-	-	1	1	1	-	-	-	2	1	6	6	6	6	6	6
7	-	2	-	-	-	-	-	2	2	1	1	-	-	-	2	1	7	7	7	7	7	7
8	-	2	-	-	-	-	-	2	2	1	1	-	-	-	2	1	8	8	8	8	8	8
9	-	2	-	-	-	-	-	2	2	1	1	-	-	-	3	1	9	9	9	9	9	9
10	-	-	2	-	-	-	-	-	2	2	1	-	-	-	3	1	10	10	10	10	10	10
11	-	-	2	-	-	-	-	-	3	3	1	-	-	-	3	1	11	11	11	11	11	11
12	-	-	2	-	-	-	-	-	3	3	1	-	-	-	3	1	12	12	12	12	12	12
13	-	-	2	-	-	-	-	-	3	3	1	-	-	-	4	1	13	13	13	13	13	13
14	-	-	2	-	-	-	-	-	3	3	1	-	-	-	4	1	14	14	14	14	14	14
15	-	-	2	-	-	-	-	-	4	4	1	-	-	-	4	1	15	15	15	15	15	15
16	-	-	2	-	-	-	-	-	4	4	1	-	-	-	4	1	16	16	16	16	16	16
17	-	-	2	-	-	-	-	-	4	4	1	-	-	-	5	1	17	17	17	17	17	17
18	-	-	2	-	-	-	-	-	4	4	1	-	-	-	5	1	18	18	18	18	18	18
19	-	-	3	-	-	-	-	-	5	5	1	-	-	-	5	1	19	19	19	19	19	19
20	-	-	3	-	-	-	-	-	5	5	1	-	-	-	5	1	20	20	20	20	20	20



SINTHESI PUSHBUTTON PANEL: WITH COLOUR TELECAMERA FROM 2 TO 32 BUTTONS
(ATLANTICO BW, COLOUR UTOPIA)

N O. B U T T O N S	EMBEDDING BOXES			MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER			16-KEYS EXPANSION MODULE			1782/502 KIT WITH B/W ATLANTICO			1782/53 KIT WITH COLOUR UTOPIA										
	1	4	5	1	1	4	5	1	1	4	5	1	1	4	5	1	1	4	5	1	1	4	5	1	1	4	5
2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	-	1	-	-	-	-	-	-	-	1	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	-	1	-	-	-	-	-	-	-	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20	-	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21	-	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24	-	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
28	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
30	-	3	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
32	-	-	-	3	-	-	-	-	-	-	-	-	-	-	7	2	-	-	-	-	-	-	-	-	-	-	-

COMPOSITION TABLES
2GO! System

N. O. BUTTONS	EMBEDDING BOXES		VIDEO 2GO! PANEL WITH LOUDSPEAKING UNIT	MODULES WITH BUTTONS AND REPERTORY MODULE				FRAMES AND MODULE HOLDER		POWER SUPPLY	16-KEYS EXPANSION MODULES	ARTICO		ATLANTICO COLOURS	
	1	2		1	1	1	1	1	1			1	1	1	1
2	1	-	1	-	-	-	-	1	-	1	-	2	2	1	2
3	-	1	-	-	-	-	-	-	1	-	1	3	3	1	3
4	-	1	-	-	-	-	-	-	1	-	1	4	4	1	4
6	-	1	-	-	-	-	-	-	1	-	1	6	6	1	6
8	2	-	1	-	-	-	-	-	2	-	1	8	8	1	8
9	2	-	1	-	-	-	-	-	2	-	1	9	9	1	9
10	2	-	1	-	-	-	-	-	2	-	1	10	10	1	10
12	-	2	-	-	-	-	-	-	2	-	1	12	12	1	12
14	-	2	-	-	-	-	-	-	2	-	1	14	14	1	14
15	-	2	-	-	-	-	-	-	2	-	1	15	15	1	15
16	-	2	-	-	-	-	-	-	2	-	1	16	16	1	16
18	-	2	-	-	-	-	-	-	2	-	1	18	18	1	18
20	-	-	2	-	-	-	-	-	-	2	2	20	20	1	20
21	-	-	2	-	-	-	-	-	-	2	2	21	21	1	21
22	-	-	2	-	-	-	-	-	-	2	2	22	22	1	22
24	-	-	2	-	-	-	-	-	-	2	2	24	24	1	24
27	-	3	-	-	-	-	-	-	-	3	-	27	27	1	27
28	-	3	-	-	-	-	-	-	-	3	-	28	28	1	28
30	-	3	-	-	-	-	-	-	-	3	-	30	30	1	30
32	-	-	3	-	-	-	-	-	-	3	-	32	32	1	32

GENYA PUSHBUTTON PANEL: WITH BW TELECAMERA FROM 2 TO 32 BUTTONS (ATLANTICO)

N. O. BUTTONS	FRONTALE CON CUSTODIA	KIT PULSANTI REPERTORIO /MODULO CIECO	POSTO ESTERNO VIDEO 2GO!	KIT CON ARTICO B/N	ARTICO	VIDEOCITOFONO	ARTICO	1	2	3	4	5	6	7	8	9	10	12	13	14	16	18	19	20	22	25	26	28	30	
																														1
2	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	1	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	2	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	4	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	6	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	7	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	10	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	12	8	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	13	7	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	14	6	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	16	4	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	18	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	19	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	20	-	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	22	8	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	25	5	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	26	4	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	28	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	30	-	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1