



DIGIVOICE



Advice for use:

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

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

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

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

Using only five common wires (with the addition of two wires and coax for video systems), systems for residential compounds with over 3000 users and distances of up to 3500 metres between calling station and apartment stations can be created. Large compounds have more complex functional needs: for this reason, up to five concierge switchboards for controlling specific areas can be installed in the Digivoice system. Calls are transferred from one to the other when the stations are unmanned.

- Distance between entry panel and video door phone**
Up to 3500 m
- The numbers of the system**
 - More than 3000 users
 - Up to 5 concierge switchboards
 - Up to 99 main and/or secondary calling stations



A very high number of main and secondary calling stations can be fit in the system (up to 99), each of which can fit either a traditional panel or a digital panel with electronic directory containing the residents' names. The digital panel may be used to open the door by entering the user's personal code. In systems with several main and secondary

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

COMPATIBILITY TABLE: STYLE

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

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




DIGIVOICE mod. 1038



1038/40

BASIC ELEMENTS

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



1038/16



1038/5



1138/3



1138/4



1138/6



1705/92

LOUDSPEAKING UNIT

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

VIDEO APARTMENT STATION

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

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



1038/74



1038/73







1038/56



1038/90

ACCESSORIES

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-  **1038/74** **Sinthesi alphabetic keypad**
 Combined to Ref. 1038/13 call modules for using alphanumeric codes.
 Backlit buttons. One Sinthesi module in size.
 Supplied without flush-mounting box, frame or module holder case.
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-  **1038/73** **K-Steel add-on alphabetic keypad**
 Combined to Ref. 1038/16 call modules for using alphanumeric codes.
 Backlit buttons. One K-Steel module in size.
 Supplied without flush-mounting box, frame or module holder case.
-
-  **1038/56** **Multilingual programming terminal**
 With keypad and backlit 4 x 16 character LCD display. Suitable for programming digitizer and decoder control modules. Power by 9 Vdc alkaline battery or 12 Vdc from connection wire directly from the system.
-
- 1038/17** **16-button expansion module for digital systems**
 For use with 1072/19A, 1038/62, 1038/5, 1038/7, 1072/5, 1072/7, 1082/72, 1082/7 loudspeaking units to expand the number of buttons in addition to those managed directly by the loudspeaking units themselves. For use with 1038/62-5-7 loudspeaking units.
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-  **1038/90** **Passive socket on DIN bar. Bar fitted, 2 DIN modules**
 Suitable for centralised programming of DIN call modules in system using programming terminal Ref. 1038/56.
-
- 1038/67** **Digivoice/4+n voice adapter**
 For using Agorà Urmet telephone switchboard use in apartment.
 Manages 4+n type audio output. May be connected to telephone switchboards or use in a mixed Digivoice and 4+n system. Ready for wall mounting.
 Consumption: 2,5 mA
-
- 1083/69** **Video switch 4 IN - 1 OUT DIN mountes**
 Switch suitable for use in various applications. Considerably simplifies wiring in systems with several main switching video loudspeaking units and is provided with a specific control input for operating up to 4 cameras in cycle.
 Each input may also be operated by an alarm control.
 Dimensions: 120 x 120 x 55 mm. Consumption: 10 mA
-



ACCESSORIES

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



Advice for use:

Large residential compounds with a high level of users

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

IPer voice is the first digital, all-UTP CAT5/5e/6 system, with IP-compatible external wiring and dedicated riser protocol.

With unlimited extension and number of riser columns, IPer voice is the ideal system for simplifying installation in residential compounds with a high number of users. Needs may also extremely varied in such large systems, and IPer voice has all the answers. Extremely versatile, it manages integrated access control, technological systems (CCTV, intrusion alarms, fire alarms) and many other functions, all from the video door phone system. IPer voice: Urmet research and innovation brings you a solution just waiting to be discovered. IPer voice UTP CAT5/5e/6 wiring means that a single cable is used for the entire backbone. By exploiting IP technology, several audio and video communications can be established at the same time.

COMPATIBILITY TABLE: STYLE

Multifunctional call module Elekta Steel and Elekta	Modo	Aiko	Imago	Folio	Signo

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



New features:

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

Fundamental or recommended elements

Outdoor IP wire 1039/90 • Gateway IP/UTP CAT5/5e/6 1039/50
IP system server 1039/1, 4 doors switches + 2 doors with 1039/45 power supply unit

Distance between entry panel and video door phone

Unlimited by using optical fibre

The numbers of the system

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



New features:

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



Possibility of coupling the new Folio (black and white) monitors and Aiko (white)

VERY WIDE EXTENSION

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



Optical-fibre-ready

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

Self-diagnostic functions

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



Access control with evolved functions



Lift monitor



Intrusion alarm



Video surveillance



Switchboard and IP stations



Self-diagnostic functions



One key for all functions

Access control

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

Switchboards

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

Intrusion alarm

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

Video surveillance

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

Intercom function

Top quality communications inside and outside the apartment:

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

Video door phone mailbox

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

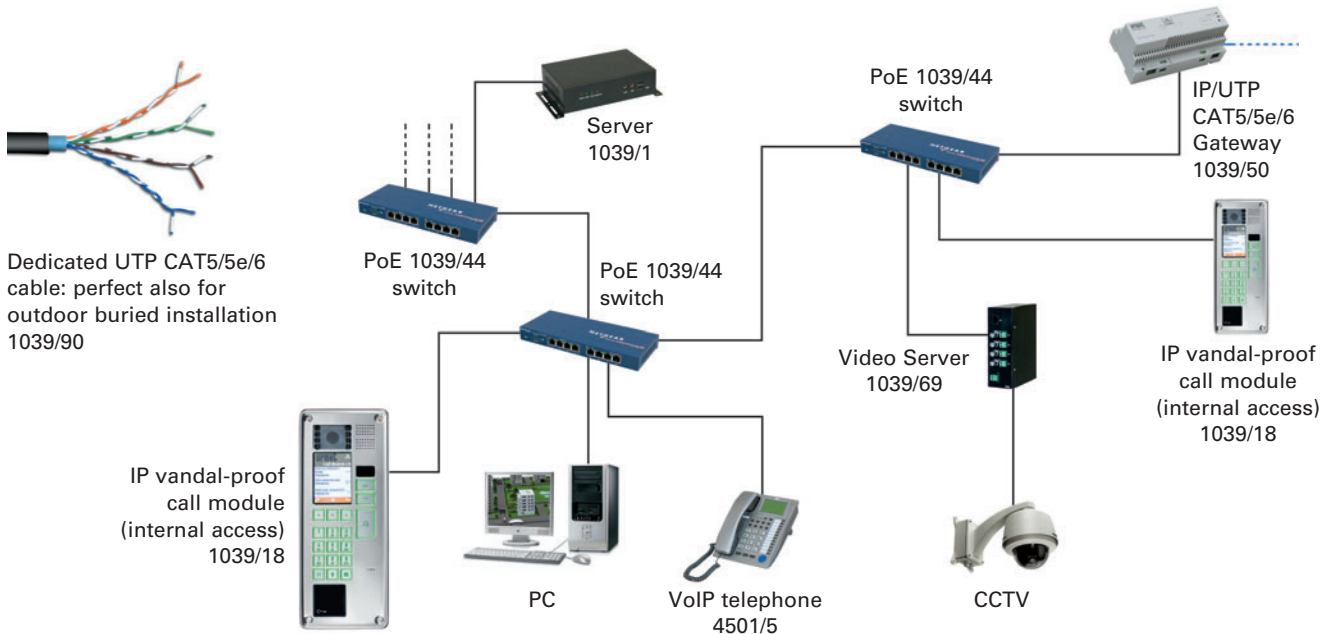


EXTERNAL WIRING

Simplified installation

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

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



PC SWITCHBOARD AND VOIP TELEPHONE

From concierge to control centre

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

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



INTERNAL WIRING

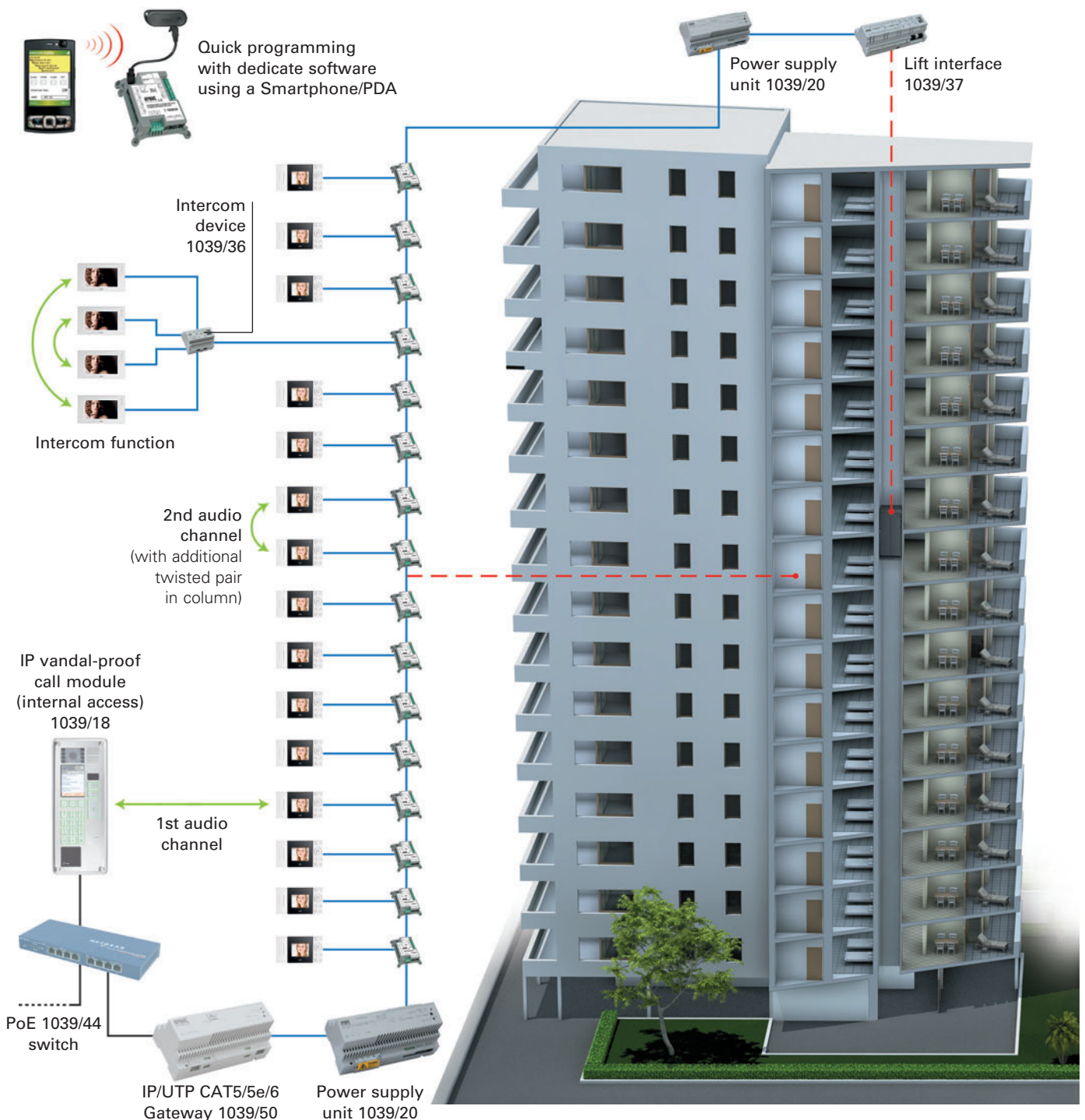
A dedicated, high-performance protocol

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

The entire installation, in column and apartment, is entirely made using a UTP CAT5/5e/6 cable. The number of risers is unlimited: your installation is served.

Intercom inside, never busy outside!

Even single apartments can enjoy the benefits of remarkable versatility. Up to 16 devices can be installed, all fully intercommunicating without engaging the column audio lines. Never busy: simply add a AWG24 twisted pair to the column to allow two audio communications at the same time.





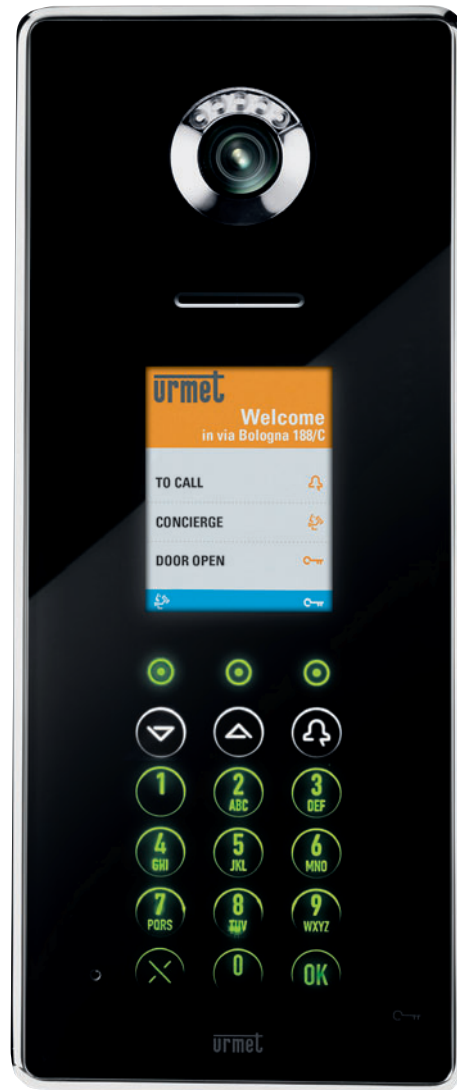
MORE POWER TO COMMUNICATIONS, MORE CHOICES OF DESIGN

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

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



elekta
steel



elekta

MULTIFUNCTIONAL CALL MODULE

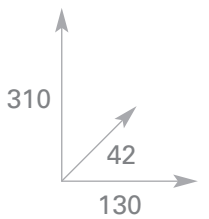
Versatile character, high functionality

Elekta and Elekta Steel offer top level functions and communications. This calling module – with two soft-touch and vandal-proof versions – manages two locks (for managing, for example a pedestrian entrance and a garage door) and is provided with integrated access control. It works with proximity key or code and has open door detection function.

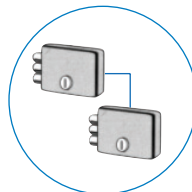
Elekta is also provided with a duress warning system allowing to open the door with a code and at the same time send a duress signal to the concierge.

The colour camera and light is standard. The alphanumeric keypad is simple and sophisticated, allowing for instance to leave messages if the called person is away. The calling module has an extra function for easier use by handicapped users: the call is sent to the concierge if several buttons are pressed at the same time. No calls are lost in this way. The entry panel can be installed flushed and on the wall.

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



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

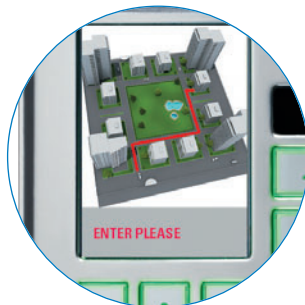


Two locks can be managed (garage door and pedestrian door, for example)

Door opening with proximity key or code

Standard wide-angle colour camera with presence detector

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



3.5" colour TFT display



Integrated special needs help (DDA)



Voice messages for operations in progress



Absence indication and audio/video message recording



Door open detection



Duress alarm



Vandal-proof steel entry panel

Flush-mounted

Alphanumeric panel



1039/1



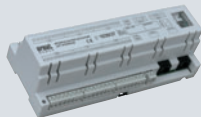
1039/20



1039/34



1039/36



1039/37










1039/41



1039/45

BASIC ELEMENTS

	1039/1	IP system server Intel Pentium 1GHz processor. With RJ45 port and two USB ports. Ready for mounted on wall and on DIN bar. With 2.5" HDD. Dimensions: 172 (width) x 55 (height) x 114 (depth). On/off button and LED, reset button. Power supply unit included.
	1039/100	Set of 20 RJ45 connectors IP side Set of 20 RJ45 connectors with "URMET" print for connecting compatible IP devices.
	1039/101	Set of 20 RJ45 connectors column side Set of 20 RJ45 connectors with "NO LAN" print for connecting IP IPervice column devices.
	1039/20	UTP CAT5/5e/6 column power supply unit Power supply unit for IPervice riser. Provided with two RJ45 connectors for inlet and output bus. With LED and trimmer for video signal equalisation. Dimensions: DIN bar (10 modules).
	1039/26	As ref. 1039/20 but for 60Hz system
	1039/34	UTP CAT5/5e/6 four-user distributor Four user in column. With four RJ45 connectors for connecting users and two RJ45 connectors for input and output buses. Call floor for each user. Terminals for connecting the second audio channel to the column. Relay output for connecting to a floor alarm signal.
	1039/36	UTP CAT5/5e/6 intercom device For connecting four apartment devices (audio or video door phones) allowing intercom functions. Up to four devices in a cascade for a total of 16 devices in parallel and intercommunicating in the same apartment. DIN bar (6 modules). Local power supply with 1039/20.
	1039/37	UTP CAT5/5e/6 lift interface Allows to supply door open information to the lift control unit of the building. Provided with 24 NO/C/NC relay outputs which can be associated to each user or group of users. Up to eight devices can be connected in cascade for a total of 192 commands. DIN bar (12 modules). Locally powered by 1039/20.
	1039/41	PC concierge switchboard Atlantico door phone with USB connector and A/V plug for connection to PC. Provides audio door phone connection to concierge switchboard application.
	1039/44	4 ports + 4PoE switch Switch with 8 ports, of which four PoE. 110-230 Vac/50-60 Hz power supply unit.
	1039/45	4PoE + 2 ports switch with power supply unit Switch with 6 ports, of which four PoE. Operations with extended temperature range (-40° +75°C). 100-240 Vac/50-60 Hz power supply unit provided. Arranged for assembly on DIN bar.



1039/50



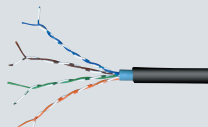
1039/56



1039/69



1039/88



1039/90



1039/13



1039/18

BASIC ELEMENTS

1039/50	IP/UTP CAT5/5e/6 gateway For interfacing IP backbone with riser column. DIN bar (10 modules).
1039/56	Bluetooth programming device Interface for programming column devices using mobile phone or PDA. Provided with adapter cable.
1039/61	Apartment alarm interface Interface board to be arranged inside URMET units 1061/004 and 1061/006.
1039/69	IPervervoice Video Server For connecting 4 traditional cameras. The images are conveyed to IP bus and displayed on devices in the system (monitor, switchboards).
1039/80	IP special decoder For activating/deactivating loads or other functions on IP backbone.
1039/88	Sinthesi IP reading head IP bus proximity key reader.
1039/90	IP outdoor cable UTP CAT5/5e/6 for buried installation. For use on common backbone. 100 metre reel.

LOUDSPEAKING UNIT

Code	With keypad	With buttons	Panel type	Number of modules	Number of integrated buttons	Notes
1039/13 new	●	-	Elekta Soft Touch	2	-	Digital panel, IP protocol, soft-touch front. With 3.5" colour display, alphanumeric keypad, arrow buttons for scrolling the name directory, colour camera and light, audio unit and proximity key reader.
1039/18	-	●	Elekta Steel	2	2	Digital panel, IP protocol, vandal-proof front. With 3.5" colour display, alphanumeric keypad, arrow buttons for scrolling the name directory, colour camera and light, audio unit and proximity key reader.
1039/17	-	●	Elekta Steel	2	2	As ref. 1039/14 but for 60Hz system
1039/72	-	●	Elekta	2	2	Integrated audio unit, colour camera and LED light, two door opening outputs, hall door button, two door indicator, two inputs for additional surveillance cameras.

● Yes.



VIDEO APARTMENT STATION

Code	Door phone system	Bracket	Video door phone or monitor + bracket kit	Model	Audio type	N. of buttons in addition to door opener button	Notes
1139/2	•	-	-	Signo	With receiver	3	With door opening button and three additional service buttons (garage door, message inbox, call to switchboard, activations, intercom). Adjustable calling volume.
1740/95	-	•	-	Signo	With receiver	-	Bracket for Signo monitor b/w1740/1 and colour 1740/40 -/41 -/42. Connection using UTPCAT5/5e/6 cable and RJ45 connector. Ready for floor call connection. Panic button input.
1707/95	-	•	-	Imago	Hands-free	-	Bracket for Imago colour hands-free monitor 1707/1. Connection using UTP CAT5/5e/6 cable and RJ45 connector. Floor call ready. Panic button input.
1717/1	-	-	•	Modo	Hands-free	-	7" touch-screen colour monitor. Connection to Ipervice riser column with UTPCAT5/5e/6 and RJ45 connector. Floor call ready. Panic button input. Allows to all any system user by means of a virtual keypad on screen. No separate bracket needed.
1706/7* new	-	-	•	Folio Black	Hands-free	-	Hands-free monitor with 3.5" TFT colour display. No bracket needed. 31 intercom calls, hands-free audio, additional services, door opener, adjustable call volume with mute and LED indication.
1706/8* new	-	-	•	Folio White	Hands-free	-	Hands-free monitor with 3.5" TFT colour display. No bracket needed. 31 intercom calls, hands-free audio, additional services, door opener, adjustable call volume with mute and LED indication. Flush mounting.
1716/4* new	-	-	•	Aiko White	Hands-free	-	Hands-free monitor with 4.3" TFT colour display. No bracket needed. 31 intercom calls, hands-free audio, additional services, door opener, adjustable call volume with mute and LED indication. Surface or flush mounting.

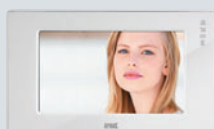
See the dedicated section for more information on loudspeaking units.

ACCESSORIES

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



1707/95



1717/1



1706/7



1716/4



4501/5

Colour. Yes. *To be released soon.