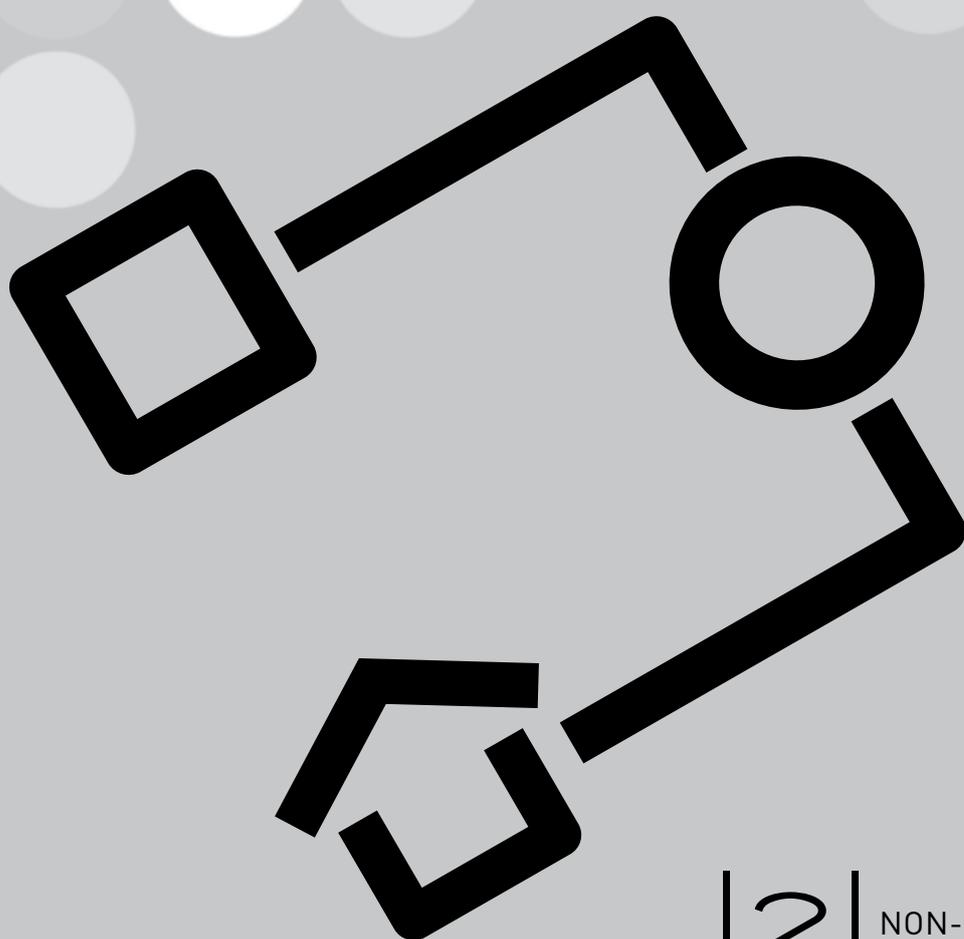


## DIGITAL VIDEO-DOORPHONE SYSTEMS



| 2  
voice |

NON-POLARIZED 2-WIRE  
VIDEO-DOORPHONE SYSTEM

| iPer  
voice |

INTEGRATED IP  
VIDEO-DOORPHONE SYSTEM

## URMET

Urmet, established in Italy in 1958, designs, develops and markets products and systems for building automation. The company is a leading player in building automation and security thanks to its constant investment in technology research which simplify, reduce installation time and improve functionality in residential, tertiary and industrial sectors. A wide range of products offers solutions to living and working spaces with the specific requirements

of each market. Video Door phone, Door phone, Telephony, Climate Control, professional video-surveillance, anti-intrusion and Fire-detection systems: a range of solutions to living spaces giving peace of mind and security, with the intelligence of technology and user-friendly automation - making everyday solutions even easier. Urmet with more 50 enterprises spread over more than 100 countries all over the world with a diffused sales network.

## THE URMET GROUP

The Urmet Group is a leading Italian provider with a strong international presence comprising over fifty companies that put together their expertise to offer global solutions to partners and customers. The Urmet Group designs, develops and markets products and systems in the communication and security sectors, as well as in energy management and saving and

telecommunications. In Italy it is the leading provider of video-doorphone and telephone systems, access automation and control, professional intrusion detection, anti-fire and video-surveillance systems; from private homes to town redevelopment planning up to large public infrastructures, the Group is a global partner reputed for product quality and service effectiveness.

D I G I T A L  
**VIDEO-DOORPHONE SYSTEMS**

**2**  
| voice | NON-POLARIZED 2-WIRE  
VIDEO-DOORPHONE SYSTEM

**IP**  
| voice | INTEGRATED IP  
VIDEO-DOORPHONE SYSTEM

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IPerVoice products \_\_\_\_\_ 49

Sales network \_\_\_\_\_ 50



## URMET INTEGRATED VIDEO-DOORPHONE SYSTEMS

### What advantages do you expect from technology?

What benefits should innovation deliver? Superior performance, ease of installation, user-friendliness and ease of maintenance. Urmet video-doorphone systems integrate communication and security tapping digital technology's potential with an approach that benefits both users and installers.

The **2Voice** and **IPerVoice** systems can meet the communication and security needs of any application scenario: from the single-family home to apartment buildings, through to large residential complexes.





**URMET** DESIGNED TWO DIGITAL SYSTEMS FOR ALL TYPES OF RESIDENTIAL NEEDS, FROM THE **SINGLE-FAMILY DETACHED HOME** TO **LARGE RESIDENTIAL COMPLEXES**.

A SINGLE PARTNER OFFERING TWO INNOVATIVE SOLUTIONS.

Ideal for new buildings and renovations, Urmet digital systems are a technological backbone that allows the expansion of services and options with the greatest of ease, offering customers the broadest choice of design styles for outdoor and indoor stations, great care for detail and high-quality materials.

**2**  
| voice |

**2Voice:** the non-polarized 2-wire video-doorphone system. 2 wires everywhere, advantages any way you look at it.

**iPer**  
| voice |

**IPerVoice:** the IP system with CAT5/5e/6 UTP cable and fiber optics for unlimited expansion and users.

# COMMUNICATION AND SECURITY FOR ALL BUILDINGS

## More functionality

- **2Voice** is the highest performance non-polarized 2-wire system in its category, offering free intercom, two door control, door open warning, exchange, security cameras which can be viewed from video-doorphone monitors
- **IPerVoice** is a universal integrated communication and security system for buildings offering video surveillance, intrusion detection, access control and lift control, exchange with or without VoIP terminal, interfacing with **IPerView**.



- **IPerView** is an innovative integration system developed in CLIENT/SERVER architecture: the software enables the centralised, advanced management of all supervision and control operations for several subsystems.

## Enhanced simplicity

- The utmost ease of installation and maintenance.
- Simple design ensures high reliability.
- Standard components and protocols: a single cable for all applications and IP protocol.
- Intuitive graphic user interfaces with icon-driven operation at outdoor and indoor stations.



# THE RANGE

## More flexibility

- Scalable systems for all residential needs, from the single-family home through to large residential complexes, new buildings and renovations.
- Services can be expanded to suit users' needs.
- Functions remotely controlled from indoor monitors turn video-doorphone into a video monitoring terminal proper, automating all home functions.

## Broader choice

- More options for installer and users.
- Broader choice of functions.
- A range of indoor and outdoor stations offering refined design and smart ergonomics.



## FOR INSTALLERS AND INSTALLATION DESIGNERS

### Dedicated pre-sales and after-sales services

As the leading provider of video-doorphone and security systems, Urmet offers its customers the highest quality products and the peace of mind of knowing their partner supports them with tools to make everyday work faster and easier. This means

solutions to plan projects and analyse customer needs, so as to always make the right choice, relying on specialised, multi-platform service available at all times.

### SALES NETWORK

Urmet sales offices and agencies are diffused all over the national territory. Their network is capable of offering specialised consulting during the purchase process, from the design stage through to product selection, to identify the best solutions for the specific needs without fail.

### SERVICE CENTRES

Over 30 Service Centres across Italy cater to the needs of products and systems, with aimed on-site service performed by skilled engineers.

### CUSTOMER SERVICE

A hot line offers access to our engineers for instant solutions or assistance with any doubt and need arising during installation or maintenance work.



## Advanced software tools

### ONLINE CONFIGURATOR AND COST ESTIMATES



Preparing a cost estimate with **DomusDraw** is simple and convenient: locate the information you need, view and select installation components and choose all possible options, to obtain a cost estimate with a technical diagram complete with all item numbers.

With few simple steps, **Draw2Voice** lets you choose the type of installation required, set the number of outdoor and indoor stations, view the list quote right away and contact the nearest Urmet sales office

## Online documents and resources

### ALL RESOURCES AT A CLICK OF YOUR MOUSE

Online configurators and cost estimates, tutorial videos, news, all available updates documents, charts and application diagrams for Urmet digital systems.

[www.urmet.com](http://www.urmet.com)

[www.2voice.it](http://www.2voice.it)

[www.ipervoice.com](http://www.ipervoice.com)

| 2 |  
| voice |

---

2 WIRES EVERYWHERE  
ADVANTAGES ANY WAY  
YOU LOOK AT IT



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

#### Ideal for

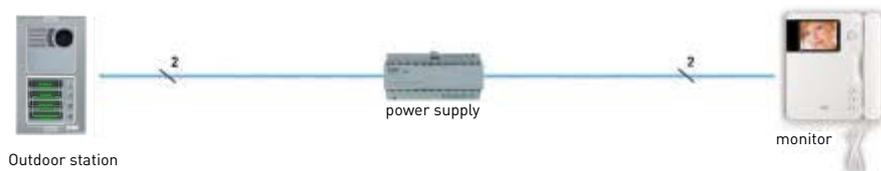
- Villas with communication and security needs
- Renovations
- Complexes with up to 4,096 users

## 2VOICE: A NUMBER 1 HIT WITH JUST 2 WIRES

### Simple and high performance

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

#### ALL TWO-WIRE SECTIONS



### The advantages



#### FROM VILLAS TO LARGE RESIDENTIAL COMPLEXES

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



#### PERFECT FOR RENOVATIONS

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



#### ADVANTAGES FOR INSTALLER AND USER

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



2  
voice

## Few components, plenty of functions

### WHAT DO YOU NEED?

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

- EXPANDABLE INSTALLATION BASE KIT
- DISTRIBUTOR
- INDOOR STATION

### WHAT DO YOU GET?

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



# 2VOICE: INSTALLATION WAS NEVER THIS EASY

Easy to install and programme

2 WIRES EVERYWHERE, NOTHING MORE

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

## SIMPLIFIED PROGRAMMING

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

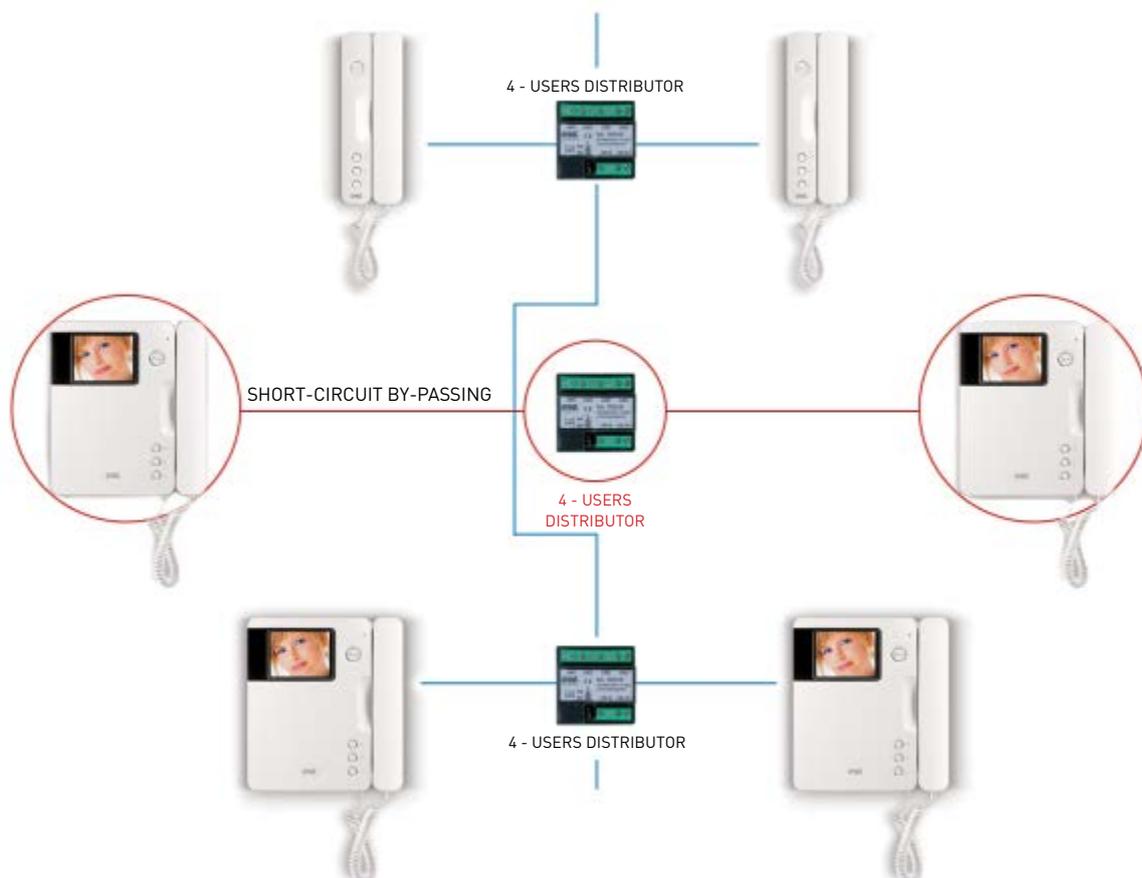


The dip-switches fitted in each device immediately associate addresses to individual users.



## QUICK MAINTENANCE

The system operates on low voltages letting all inspections, system additional like stations to be done safely. The distribution module isolates short-circuits protecting system operation from the area that needs repairing.



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

### Communication and security in a single system



#### INTERCOM

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



#### EXCHANGE

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



#### VIDEO SURVEILLANCE

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



#### DOOR ALARM WARNING

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



2  
voice



## SECOND ENTRY CONTROL

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



## ADDITIONAL SERVICES

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

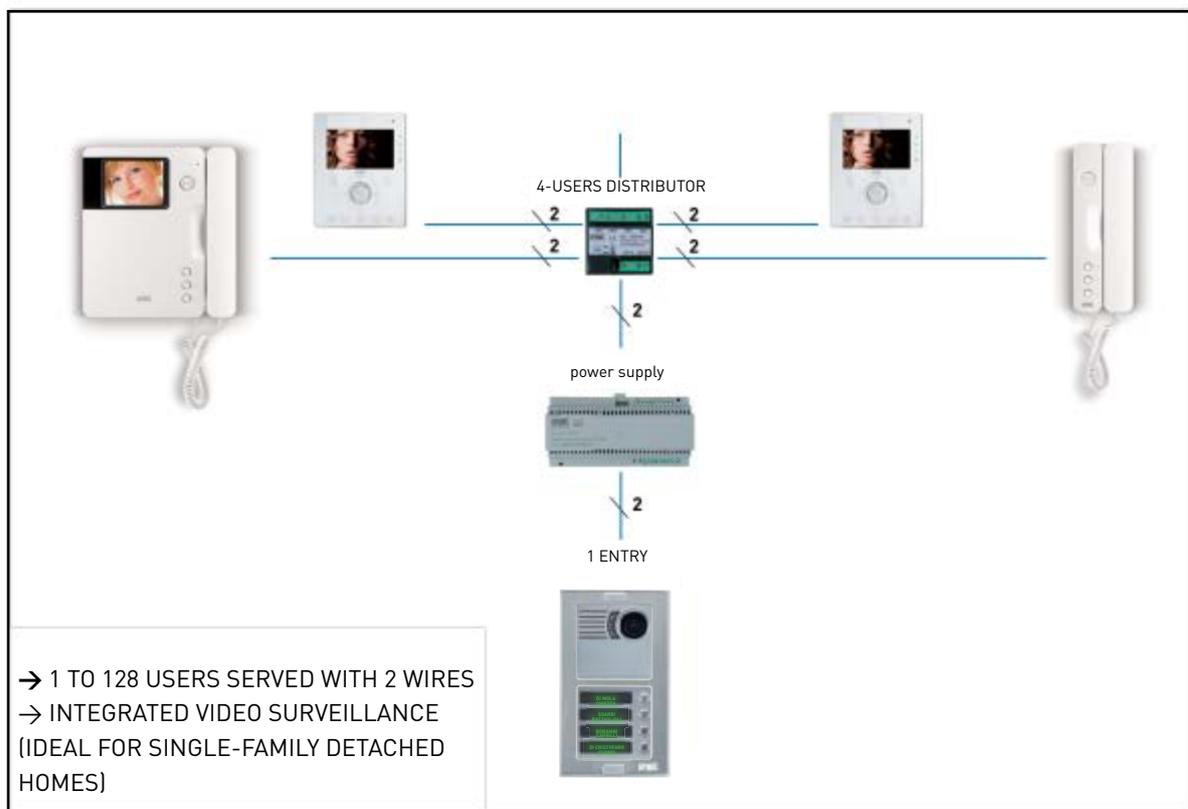


## STONE SELECTION

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

## 2VOICE: APPLICATIONS

### 1 video-doorphone riser with 1 outdoor video station



URMET 2VOICE KITS - PRACTICAL AND CONVENIENT - URMET 2VOICE KITS - PRACTICAL AND CONVENIENT



SINGLE AND TWO-FAMILY  
HOME KIT

EACH KIT INCLUDES:

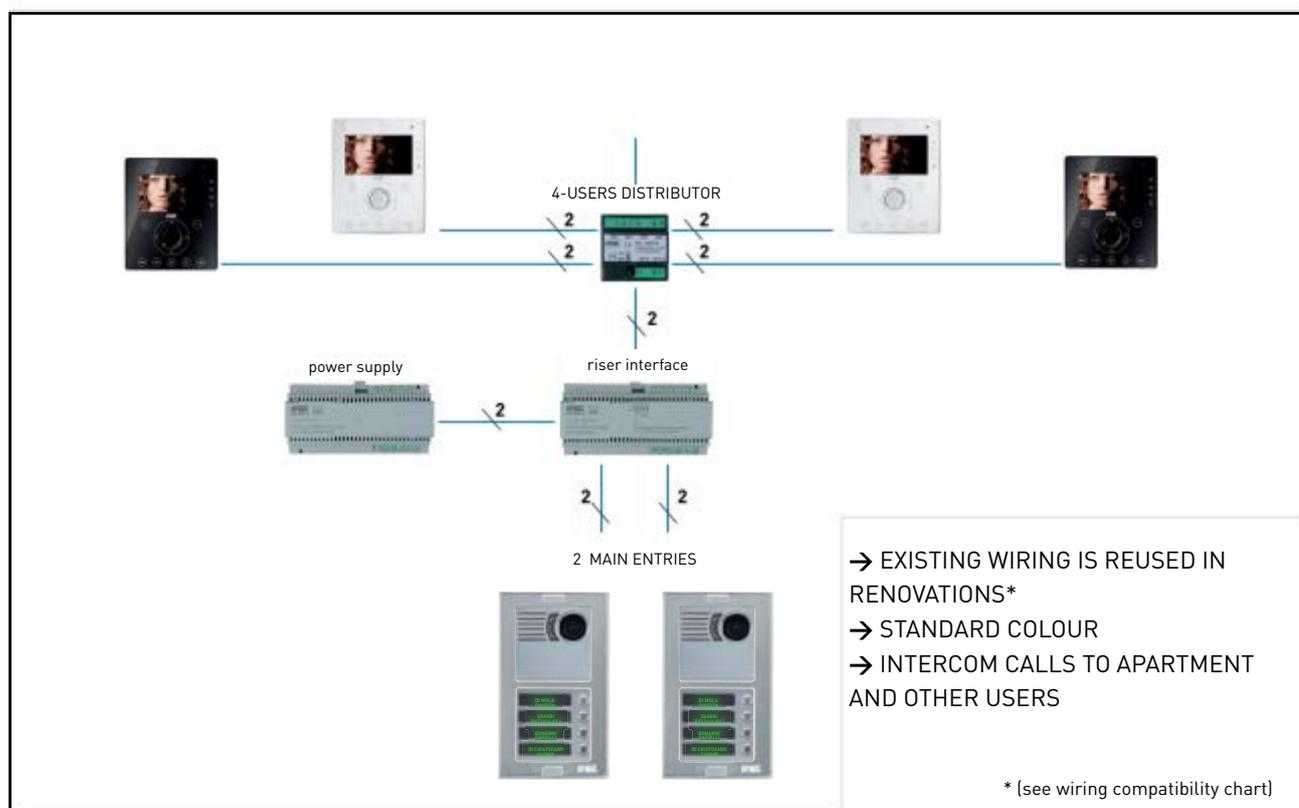
Indoor video station in a range of design styles, outdoor video station with colour camera, power unit.



FOR DOUBLE-ENTRY BUILDINGS

2  
voice

## 1 video-doorphone riser with 2 outdoor video stations



- URMET 2VOICE KITS - PRACTICAL AND CONVENIENT - URMET 2VOICE KITS - PRACTICAL AND CONVENIENT



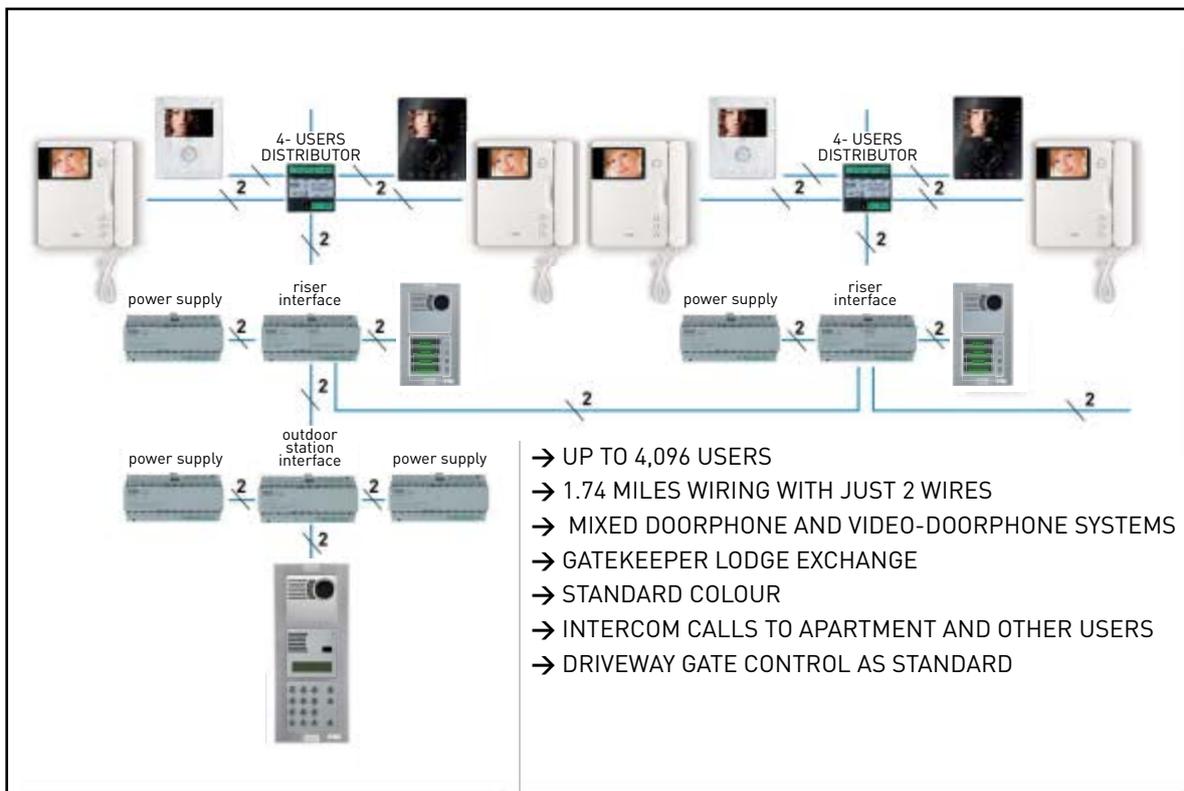
EXPANDABLE INSTALLATION  
BASE KIT

EACH KIT INCLUDES:

Indoor video station in a range of design styles, outdoor video station with colour camera, power unit.

## 2VOICE: APPLICATIONS

1 main outdoor video station on **N** risers  
with 1 outdoor video substation each



URMET 2VOICE KITS - PRACTICAL AND CONVENIENT - URMET 2VOICE KITS - PRACTICAL AND CONVENIENT



 EXPANDABLE INSTALLATION  
BASE KIT

EACH KIT INCLUDES:

- Indoor video station in a range of design styles,
- Sinthesi S2 outdoor station with colour camera, power unit



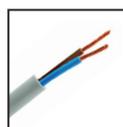
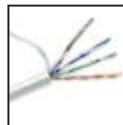
# 2VOICE: COMPATIBILITY

2  
voice

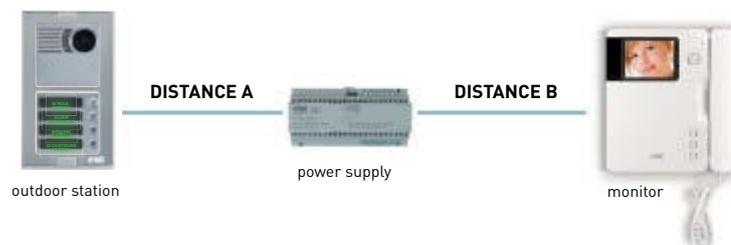
For more information on the use of external cables, please contact the sales and/or service network.

\*Extension is calculated as the sum of all wiring lengths in the apartment, in the riser and to the key panel. When using multi-core wires, never short circuit several leads to obtain a larger-section wire.

The individual cables should be with a maximum diameter of 32 mm (1.26 inches).

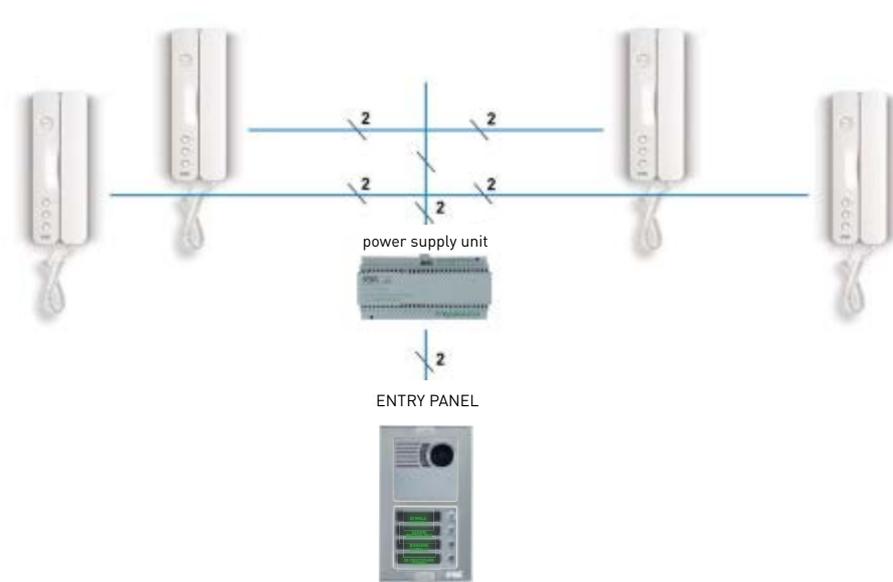


| CABLES   | MAX USERS | MONITOR | A<br>m from<br>outdoor station<br>to power unit | A<br>feet from<br>outdoor station<br>to power unit | B<br>m from<br>power unit<br>to monitor | B<br>feet from<br>power unit<br>to monitor | EXTENTION<br>IN M | EXTENTION<br>IN FEET |
|--|-----------|---------|---|--|---|--|-------------------|----------------------|
| 2VOICE CABLE   | 128       | colour  | 200   | 656,17   | 200                                     | 656,17                                     | 800               | 2.624,67             |
|  |           | B/W     | 200   | 656,17   | 200                                     | 656,17                                     | 800               | 2.624,67             |
| WH/RD PSIR<br>0.6mm un-<br>shielded<br>TWISTED PAIR<br>AGW 22          | 64        | colour  | 100   | 328,09   | 150                                     | 492,13                                     | 600               | 1.968,50             |
|  |           | B/W     | 100   | 328,09   | 125                                     | 410,10                                     | 600               | 1.968,50             |
| UTP CAT5<br>(1 twisted pair)   | 64        | colour  | 100   | 328,09   | 125                                     | 410,10                                     | 800               | 2.624,67             |
|  |           | B/W     | 100   | 328,09   | 75                                      | 246,06                                     | 800               | 2.624,67             |
| HV05-F<br>rubber-sheathed<br>1.5 sq mm<br>NM SHEATED<br>WIRE<br>AWG 15 | 128       | colour  | 50  | 164,04   | 125                                     | 410,10                                     | 300               | 984,25               |
|  |           | B/W     | 50  | 164,04   | 125                                     | 410,10                                     | 300               | 984,25               |
| SINGLE WIRE<br>CSA → 1 sq mm<br>FLEXIBLE<br>CABLE<br>AWG 17            | 32        | colour  | 50  | 164,04   | 75                                      | 246,06                                     | 150               | 492,13               |
|  |           | B/W     | 50  | 164,04   | 75                                      | 246,06                                     | 150               | 492,13               |



## 2 VOICE: COMPOSITION TABLES

1 audio door phone column with 1 audio entry panel



| NO. OF BUTTONS | 1083/9 | 1148/62 | 1148/63 | 1148/64 | 1148/11 | 1148/12 | 1148/13 | 1148/14 | 1148/50 | 1145/52 | 1145/53 | 1145/54 | 1038/17 | 1083/20A | Basic door phone 1183/1 or comfort door phone 1183/2 or with additional buttons 1183/3 |
|----------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|--|
| 2              | 1      | 1       |         |         |         |         |         |         |         | 1       |         |         |         | 1        | 2  |
| 3              | 1      |         | 1       |         | 1       |         |         |         |         |         | 1       |         | 1       | 1        | 3  |
| 4              | 1      |         | 1       |         |         | 1       |         |         |         |         | 1       |         | 1       | 1        | 4  |
| 6              | 1      |         | 1       |         |         |         |         | 1       |         |         | 1       |         | 1       | 1        | 6  |
| 8              | 1      | 2       |         |         |         | 1       |         | 1       |         | 2       |         |         | 1       | 1        | 8  |
| 9              | 1      |         |         | 1       |         |         | 1       | 1       |         |         |         | 1       | 1       | 1        | 9  |
| 10             | 1      |         |         | 1       |         |         |         | 2       |         |         |         | 1       | 1       | 1        | 10   |
| 12             | 1      |         | 2       |         |         | 1       |         | 2       | 1       |         | 2       |         | 1       | 1        | 12   |
| 14             | 1      |         | 2       |         |         |         |         | 3       | 1       |         | 2       |         | 1       | 1        | 14   |
| 15             | 1      |         | 2       |         | 1       |         |         | 3       |         |         | 2       |         | 1       | 1        | 15   |
| 16             | 1      |         | 2       |         |         | 1       |         | 3       |         |         | 2       |         | 1       | 1        | 16   |
| 18             | 1      |         | 2       |         |         |         |         | 4       |         |         | 2       |         | 1       | 1        | 18   |
| 20             | 1      |         |         | 2       |         | 1       |         | 4       | 1       |         |         | 2       | 2       | 1        | 20   |
| 21             | 1      |         |         | 2       |         |         | 1       | 4       | 1       |         |         | 2       | 2       | 1        | 21   |
| 22             | 1      |         |         | 2       |         |         |         | 5       | 1       |         |         | 2       | 2       | 1        | 22   |
| 24             | 1      |         |         | 2       |         | 1       |         | 5       |         |         |         | 2       | 2       | 1        | 24   |
| 27             | 1      |         | 3       |         | 1       |         |         | 6       |         |         | 3       |         | 2       | 1        | 27   |
| 28             | 1      |         | 3       |         |         | 1       |         | 6       |         |         | 3       |         | 2       | 1        | 28   |
| 30             | 1      |         | 3       |         |         |         |         | 7       |         |         | 3       |         | 2       | 1        | 30   |

2VOICE AUDIO SYSTEM ON SYNTHESI S2



2  
voice

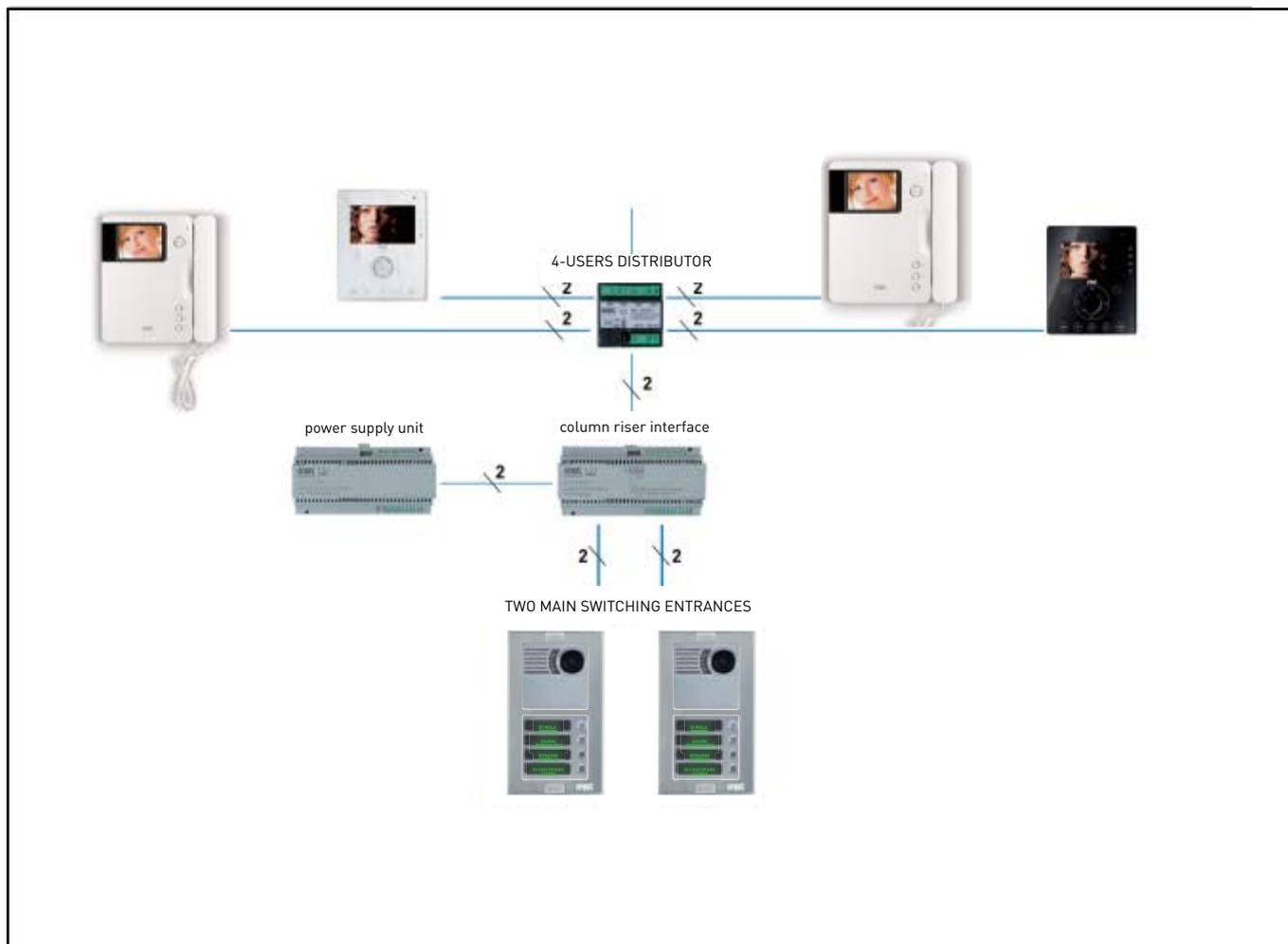
# 1 video door phone column with 1 video entry panel

| NO. OF BUTTONS | 1148/62 | 1148/63 | 1148/64 | 1148/11 | 1148/12 | 1148/13 | 1148/14 | 1148/50 | 1145/52 | 1145/53 | 1145/54 | 1083/55 | 1038/17 | 1783/422 or 1783/424 | SIGNO COLOUR<br>1740/753 | 1783/432 or 1783/434 | AIKO COLOUR<br>1716/2 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------------|--------------------------|----------------------|-----------------------|
| 2              |         |         |         |         |         |         |         |         |         |         |         | 0       |         | 1                    |                          | 1                    |                       |
| 3              |         | 1       |         | 1       |         |         |         |         |         | 1       |         | 1       | 1       | 1                    | 1                        | 1                    | 1                     |
| 4              |         | 1       |         |         | 1       |         |         |         |         | 1       |         | 1       | 1       | 1                    | 2                        | 1                    | 2                     |
| 6              |         | 1       |         |         |         |         | 1       |         |         | 1       |         | 1       | 1       | 1                    | 4                        | 1                    | 4                     |
| 8              | 1       |         |         |         | 1       |         | 1       |         | 1       |         |         | 1       | 1       | 1                    | 6                        | 1                    | 6                     |
| 9              | 1       |         |         |         |         | 1       | 1       |         | 1       |         |         | 2       | 1       | 1                    | 7                        | 1                    | 7                     |
| 10             | 1       |         |         |         |         |         | 2       |         | 1       |         |         | 2       | 1       | 1                    | 8                        | 1                    | 8                     |
| 12             |         | 2       |         |         | 1       |         | 2       | 1       |         | 2       |         | 2       | 1       | 1                    | 10                       | 1                    | 10                    |
| 14             |         | 2       |         |         |         |         | 3       | 1       |         | 2       |         | 3       | 1       | 1                    | 12                       | 1                    | 12                    |
| 15             |         | 2       |         | 1       |         |         | 3       |         |         | 2       |         | 3       | 1       | 1                    | 13                       | 1                    | 13                    |
| 16             |         | 2       |         |         | 1       |         | 3       |         |         | 2       |         | 3       | 1       | 1                    | 14                       | 1                    | 14                    |
| 18             |         | 2       |         |         |         |         | 4       |         |         | 2       |         | 4       | 1       | 1                    | 16                       | 1                    | 16                    |
| 20             |         |         | 2       |         | 1       |         | 4       | 1       |         |         | 2       | 4       | 2       | 1                    | 18                       | 1                    | 18                    |
| 21             |         |         | 2       |         |         | 1       | 4       | 1       |         |         | 2       | 5       | 2       | 1                    | 19                       | 1                    | 19                    |
| 22             |         |         | 2       |         |         |         | 5       | 1       |         |         | 2       | 5       | 2       | 1                    | 20                       | 1                    | 20                    |
| 24             |         |         | 2       |         | 1       |         | 5       |         |         |         | 2       | 5       | 2       | 1                    | 22                       | 1                    | 22                    |
| 27             |         | 3       |         | 1       |         |         | 6       |         |         | 3       |         | 6       | 2       | 1                    | 25                       | 1                    | 25                    |
| 28             |         | 3       |         |         | 1       |         | 6       |         |         | 3       |         | 6       | 2       | 1                    | 26                       | 1                    | 26                    |
| 30             |         | 3       |         |         |         |         | 7       |         |         | 3       |         | 7       | 2       | 1                    | 28                       | 1                    | 28                    |

2VOICE VIDEO SYSTEM ON SINTHESI S2 SIGNO COLOUR MONITOR AND AIKO MONITOR

## 2 VOICE: COMPOSITION TABLES

1 video doorphone column with 2 video entry panels





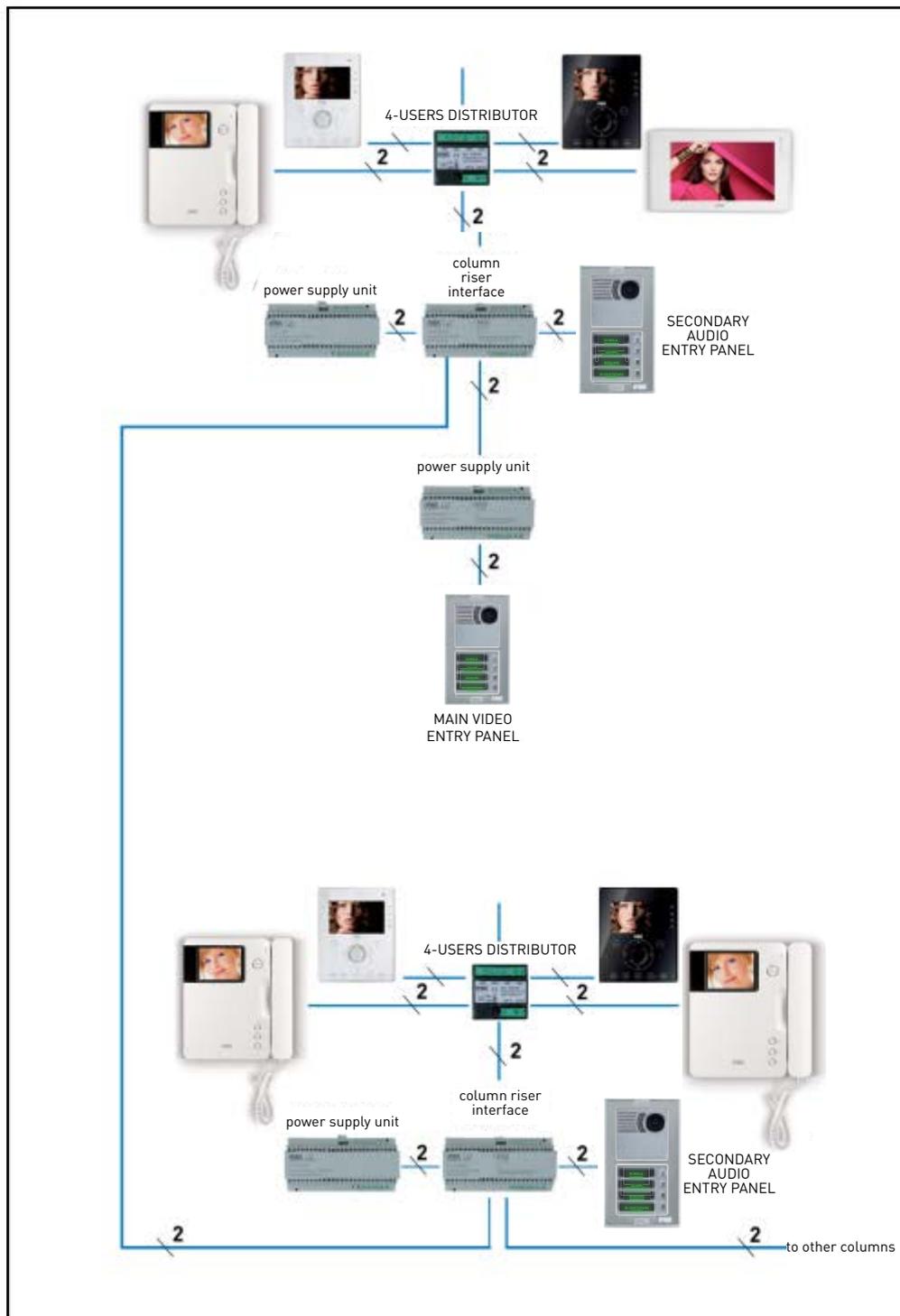
2  
voice

| NO. OF BUTTONS | 1148/62 | 1148/63 | 1148/64 | 1148/11 | 1148/12 | 1148/13 | 1148/14 | 1148/50 | 1145/52 | 1145/53 | 1145/54 | 1083/77 | 1083/50 | 1083/55 | 1038/17 | 1783/422 or 1783/424 | SIGNO COLOUR<br>1740/753 | 1783/432 or 1783/434 | AIKO COLOUR<br>1716/2 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------------|--------------------------|----------------------|-----------------------|
| 2              | 1       |         |         |         |         |         |         |         | 1       |         |         | 1       | 1       | 0       |         | 1                    |                          | 1                    |                       |
| 3              |         | 2       |         | 2       |         |         |         |         |         | 2       |         | 1       | 1       | 1       | 2       | 1                    | 1                        | 1                    | 1                     |
| 4              |         | 2       |         |         | 2       |         |         |         |         | 2       |         | 1       | 1       | 1       | 2       | 1                    | 2                        | 1                    | 2                     |
| 6              |         | 2       |         |         |         |         | 2       |         |         |         |         | 1       | 1       | 1       | 2       | 1                    | 4                        | 1                    | 4                     |
| 8              | 2       |         |         |         | 2       |         | 2       |         | 2       |         |         | 1       | 1       | 1       | 2       | 1                    | 6                        | 1                    | 6                     |
| 9              | 2       |         |         |         |         | 2       | 2       |         | 2       |         |         | 1       | 1       | 2       | 2       | 1                    | 7                        | 1                    | 7                     |
| 10             | 2       |         |         |         |         |         | 4       |         | 2       |         |         | 1       | 1       | 2       | 2       | 1                    | 8                        | 1                    | 8                     |
| 12             |         | 4       |         |         | 2       |         | 4       | 1       |         | 4       |         | 1       | 1       | 2       | 2       | 1                    | 10                       | 1                    | 10                    |
| 14             |         | 4       |         |         |         |         | 6       | 1       |         | 4       |         | 1       | 1       | 3       | 2       | 1                    | 12                       | 1                    | 12                    |
| 15             |         | 4       |         | 2       |         |         | 6       |         |         | 4       |         | 1       | 1       | 3       | 2       | 1                    | 13                       | 1                    | 13                    |
| 16             |         | 4       |         |         | 2       |         | 6       |         |         | 4       |         | 1       | 1       | 3       | 2       | 1                    | 14                       | 1                    | 14                    |
| 18             |         | 4       |         |         |         |         | 8       |         |         | 4       |         | 1       | 1       | 4       | 2       | 1                    | 16                       | 1                    | 16                    |
| 20             |         |         | 4       |         | 2       |         | 8       | 1       |         |         | 4       | 1       | 1       | 4       | 4       | 1                    | 18                       | 1                    | 18                    |
| 21             |         |         | 4       |         |         | 2       | 8       | 1       |         |         | 4       | 1       | 1       | 5       | 4       | 1                    | 19                       | 1                    | 19                    |
| 22             |         |         | 4       |         |         |         | 10      | 1       |         |         | 4       | 1       | 1       | 5       | 4       | 1                    | 20                       | 1                    | 20                    |
| 24             |         |         | 4       |         | 2       |         | 10      |         |         |         | 4       | 1       | 1       | 5       | 4       | 1                    | 22                       | 1                    | 22                    |
| 27             |         | 6       |         | 2       |         |         | 12      |         |         | 6       |         | 1       | 1       | 6       | 4       | 1                    | 25                       | 1                    | 25                    |
| 28             |         | 6       |         |         | 2       |         | 12      |         |         | 6       |         | 1       | 1       | 6       | 4       | 1                    | 26                       | 1                    | 26                    |
| 30             |         | 6       |         |         |         |         | 14      |         |         | 6       |         | 1       | 1       | 7       | 4       | 1                    | 28                       | 1                    | 28                    |

2VOICE VIDEO SYSTEM ON SYNTHESI S2 SIGNO COLOUR MONITOR AND AIKO MONITOR

## 2 VOICE: COMPOSITION TABLES

**1** main video entry panel on **N** columns  
with **1** secondary audio unit on each one





2  
voice

MAIN VIDEO ENTRY PANEL WITH DIGITAL KEYPAD

|  |          |   |
|--|----------|---|
|  | 1083/19  | 1 |
|  | 1748/40  | 1 |
|  | 1148/63  | 1 |
|  | 1145/53  | 1 |
|  | 1083/20A | 1 |

MAIN VIDEO ENTRY PANEL WITH BUTTONS

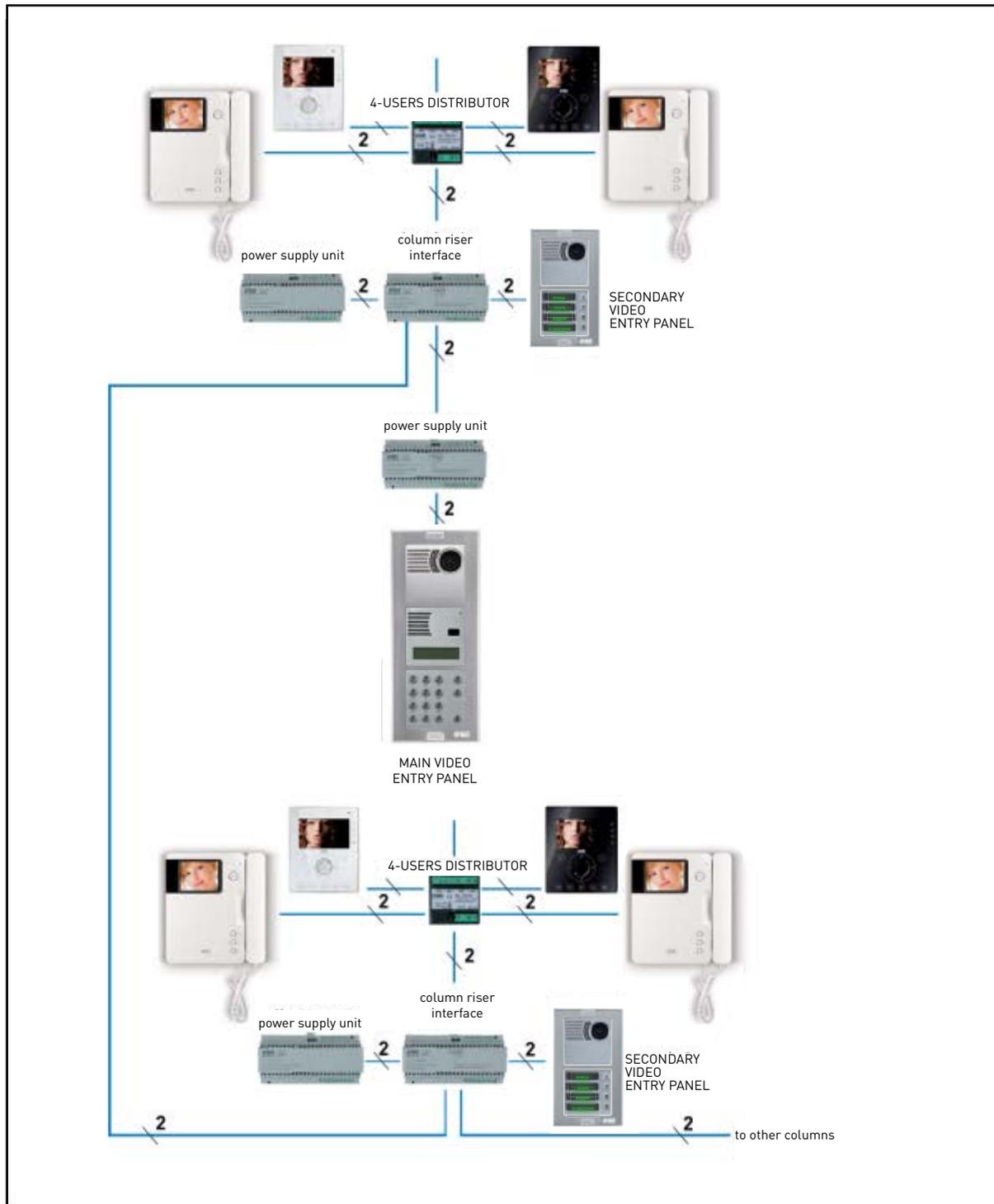
| NO. OF BUTTONS | 1083/77 | 1083/20A | 1148/62 | 1148/63 | 1148/64 | 1148/11 | 1148/12 | 1148/13 | 1148/14 | 1148/50 | 1145/52 | 1145/53 | 1145/54 | 1083/17 |
|----------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 2              | 1       | 1        |         |         |         |         |         |         |         |         |         |         |         | 1       |
| 3              | 1       | 1        |         | 1       |         |         |         |         |         |         |         | 1       |         | 1       |
| 4              | 1       | 1        |         |         |         |         |         |         | 1       |         |         |         |         | 1       |
| 6              | 1       | 1        | 2       |         |         |         | 1       |         |         |         | 2       |         |         | 1       |
| 8              | 1       | 1        | 2       |         |         |         |         | 1       |         |         | 2       |         |         | 1       |
| 9              | 1       | 1        | 2       |         |         |         |         |         | 2       |         | 2       |         |         | 1       |
| 10             | 1       | 1        |         | 2       |         |         | 1       |         | 2       | 1       |         | 2       |         | 1       |
| 12             | 1       | 1        |         | 2       |         |         |         |         | 3       | 1       |         | 2       |         | 1       |
| 14             | 1       | 1        |         | 2       |         |         |         |         | 3       |         |         | 2       |         | 1       |
| 15             | 1       | 1        |         | 2       |         | 1       |         |         | 3       |         |         | 2       |         | 1       |
| 16             | 1       | 1        |         | 2       |         |         | 1       |         | 3       |         |         | 2       |         | 1       |
| 18             | 1       | 1        |         | 2       |         |         |         |         | 4       | 1       |         | 2       |         | 2       |
| 20             | 1       | 1        |         |         | 2       |         |         |         | 4       | 1       |         |         | 2       | 2       |
| 21             | 1       | 1        |         |         | 2       |         |         | 1       | 4       |         |         |         | 2       | 2       |
| 22             | 1       | 1        |         |         | 2       |         |         |         | 5       | 1       |         |         | 2       | 2       |
| 24             | 1       | 1        |         |         | 2       |         |         |         | 5       |         |         |         | 2       | 2       |
| 27             | 1       | 1        |         | 3       |         | 1       |         |         | 6       |         |         | 3       |         | 2       |
| 28             | 1       | 1        |         | 3       |         |         | 1       |         | 6       |         |         | 3       |         | 2       |
| 30             | 1       | 1        |         | 3       |         |         |         |         | 7       |         |         | 3       |         | 2       |

COMPOSITION OF EACH SECONDARY COLUMN

| NO. OF BUTTONS | 1083/9 | 1148/62 | 1148/63 | 1148/64 | 1148/11 | 1148/12 | 1148/13 | 1148/14 | 1148/50 | 1145/52 | 1145/53 | 1145/54 | 1083/17 | 1083/20A | 1083/50 | 1083/55 | SIGNO COLORE 1740/753 | AIKO COLORE 1716/2 | MOD0 1717/12 |
|----------------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|-----------------------|--------------------|--------------|
| 2              | 1      | 1       |         |         |         |         |         |         |         |         |         |         |         |          |         |         | 2                     | 2                  | 2            |
| 3              | 1      |         |         |         | 1       |         |         |         |         |         |         |         |         |          |         |         | 3                     | 3                  | 3            |
| 4              | 1      |         | 1       |         |         | 1       |         |         |         |         |         |         |         |          |         |         | 4                     | 4                  | 4            |
| 6              | 1      |         | 1       |         |         |         |         | 1       |         |         |         |         |         |          |         |         | 6                     | 6                  | 6            |
| 8              | 1      | 2       |         |         |         | 1       |         | 1       |         | 2       |         |         |         |          |         |         | 8                     | 8                  | 8            |
| 9              | 1      |         |         | 1       |         |         | 1       | 1       |         |         |         |         | 1       |          |         | 3       | 9                     | 9                  | 9            |
| 10             | 1      |         |         | 1       |         |         |         | 2       |         |         |         | 1       |         |          |         | 3       | 10                    | 10                 | 10           |
| 12             | 1      |         | 2       |         |         | 1       |         | 2       | 1       |         |         |         |         |          |         | 3       | 12                    | 12                 | 12           |
| 14             | 1      |         | 2       |         |         |         |         | 3       | 1       |         |         |         |         |          |         | 4       | 14                    | 14                 | 14           |
| 15             | 1      |         | 2       |         | 1       |         |         | 3       |         |         |         |         |         |          |         | 4       | 15                    | 15                 | 15           |
| 16             | 1      |         | 2       |         |         | 1       |         | 3       |         |         |         |         |         |          |         | 4       | 16                    | 16                 | 16           |
| 18             | 1      |         | 2       |         |         |         |         | 4       |         |         |         |         |         |          |         | 5       | 18                    | 18                 | 18           |
| 20             | 1      |         |         | 2       |         | 1       |         | 4       | 1       |         |         |         | 2       | 2        | 1       | 5       | 20                    | 20                 | 20           |
| 21             | 1      |         |         | 2       |         |         | 1       | 4       | 1       |         |         |         | 2       | 2        | 1       | 6       | 21                    | 21                 | 21           |
| 22             | 1      |         |         | 2       |         |         |         | 5       | 1       |         |         |         | 2       | 2        | 1       | 6       | 22                    | 22                 | 22           |
| 24             | 1      |         |         | 2       |         | 1       |         | 5       |         |         |         |         | 2       | 2        | 1       | 6       | 24                    | 24                 | 24           |
| 27             | 1      |         | 3       |         | 1       |         |         | 6       |         |         |         |         | 3       | 2        | 1       | 7       | 27                    | 27                 | 27           |
| 28             | 1      |         | 3       |         |         | 1       |         | 6       |         |         |         |         | 3       | 2        | 1       | 7       | 28                    | 28                 | 28           |
| 30             | 1      |         | 3       |         |         |         |         | 7       |         |         |         |         | 3       | 2        | 1       | 8       | 30                    | 30                 | 30           |

## 2 VOICE: COMPOSITION TABLES

1 main video entry panel on **N** columns  
with 1 secondary video unit on each one





2  
voice

MAIN VIDEO  
ENTRY PANEL  
WITH  
DIGITAL KEYPAD

|  |          |   |
|--|----------|---|
|  | 1083/19  | 1 |
|  | 1748/40  | 1 |
|  | 1148/63  | 1 |
|  | 1145/63  | 1 |
|  | 1083/20A | 1 |

MAIN VIDEO ENTRY PANEL WITH BUTTONS

| NO. OF BUTTONS | 1083/77 | 1083/20A | 1148/62 | 1148/63 | 1148/64 | 1148/11 | 1148/12 | 1148/13 | 1148/14 | 1148/50 | 1145/52 | 1145/63 | 1145/54 | 1083/17 |
|----------------|---------|----------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 4              | 1       | 1        |         | 1       |         |         |         |         |         |         |         | 1       |         | 1       |
| 6              | 1       | 1        |         | 1       |         |         |         |         | 1       |         |         | 1       |         | 1       |
| 8              | 1       | 1        | 2       |         |         |         | 1       |         | 1       |         | 2       |         |         | 1       |
| 9              | 1       | 1        | 2       |         |         |         |         | 1       | 1       |         | 2       |         |         | 1       |
| 10             | 1       | 1        | 2       |         |         |         |         |         | 2       |         | 2       |         |         | 1       |
| 12             | 1       | 1        |         | 2       |         |         | 1       |         | 2       | 1       |         | 2       |         | 1       |
| 14             | 1       | 1        |         | 2       |         |         |         |         | 3       | 1       |         | 2       |         | 1       |
| 15             | 1       | 1        |         | 2       |         | 1       |         |         | 3       |         |         | 2       |         | 1       |
| 16             | 1       | 1        |         | 2       |         |         | 1       |         | 3       |         |         | 2       |         | 1       |
| 18             | 1       | 1        |         | 2       |         |         |         |         | 4       |         |         | 2       |         | 1       |
| 20             | 1       | 1        |         |         | 2       |         | 1       |         | 4       | 1       |         |         | 2       | 2       |
| 21             | 1       | 1        |         |         | 2       |         |         | 1       | 4       | 1       |         |         | 2       | 2       |
| 22             | 1       | 1        |         |         | 2       |         |         |         | 5       | 1       |         |         | 2       | 2       |
| 24             | 1       | 1        |         |         | 2       |         | 1       |         | 5       |         |         |         | 2       | 2       |
| 27             | 1       | 1        |         | 3       |         | 1       |         |         | 6       |         |         | 3       |         | 2       |
| 28             | 1       | 1        |         | 3       |         |         | 1       |         | 6       |         |         | 3       |         | 2       |
| 30             | 1       | 1        |         | 3       |         |         |         |         | 7       |         |         | 3       |         | 2       |

COMPOSITION OF EACH SECONDARY COLUMN

| NO. OF BUTTONS | 1148/62 | 1148/63 | 1148/64 | 1148/11 | 1148/12 | 1148/13 | 1148/14 | 1148/50 | 1145/52 | 1145/53 | 1145/54 | 1083/55 | 1083/17 | 1083/50 | 1783/422 or 1783/424 | SIGNO COLOUR<br>1740/753 | 1783/432 or 1783/434 | AIKO COLOUR<br>1716/2 |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------------------|--------------------------|----------------------|-----------------------|
| 2              |         |         |         |         |         |         |         |         |         |         |         | 0       |         | 1       | 1                    | 1                        | 1                    | 1                     |
| 3              |         | 1       |         | 1       |         |         |         |         |         | 1       |         | 1       | 1       | 1       | 1                    | 1                        | 1                    | 1                     |
| 4              |         | 1       |         |         | 1       |         |         |         |         | 1       |         | 1       | 1       | 1       | 1                    | 2                        | 1                    | 2                     |
| 6              |         | 1       |         |         |         | 1       |         |         |         | 1       |         | 1       | 1       | 1       | 1                    | 4                        | 1                    | 4                     |
| 8              | 1       |         |         |         | 1       | 1       |         |         | 1       |         |         | 2       | 1       | 1       | 1                    | 6                        | 1                    | 6                     |
| 9              | 1       |         |         |         |         | 1       | 1       |         | 1       |         |         | 2       | 1       | 1       | 1                    | 7                        | 1                    | 7                     |
| 10             | 1       |         |         |         |         |         | 2       |         | 1       |         |         | 2       | 1       | 1       | 1                    | 8                        | 1                    | 8                     |
| 12             |         | 2       |         |         | 1       |         | 2       | 1       |         | 2       |         | 3       | 1       | 1       | 1                    | 10                       | 1                    | 10                    |
| 14             |         | 2       |         |         |         |         | 3       | 1       |         | 2       |         | 3       | 1       | 1       | 1                    | 12                       | 1                    | 12                    |
| 15             |         | 2       |         | 1       |         |         | 3       |         |         | 2       |         | 4       | 1       | 1       | 1                    | 13                       | 1                    | 13                    |
| 16             |         | 2       |         |         | 1       |         | 3       |         |         | 2       |         | 4       | 1       | 1       | 1                    | 14                       | 1                    | 14                    |
| 18             |         | 2       |         |         |         |         | 4       |         |         | 2       |         | 4       | 1       | 1       | 1                    | 16                       | 1                    | 16                    |
| 20             |         |         | 2       |         | 1       |         | 4       | 1       |         |         | 2       | 5       | 2       | 1       | 1                    | 18                       | 1                    | 18                    |
| 21             |         |         | 2       |         |         | 1       | 4       | 1       |         |         | 2       | 5       | 2       | 1       | 1                    | 19                       | 1                    | 19                    |
| 22             |         |         | 2       |         |         |         | 5       | 1       |         |         | 2       | 5       | 2       | 1       | 1                    | 20                       | 1                    | 20                    |
| 24             |         |         | 2       |         | 1       |         | 5       |         |         |         | 2       | 6       | 2       | 1       | 1                    | 22                       | 1                    | 22                    |
| 27             |         | 3       |         | 1       |         |         | 6       |         | 3       |         |         | 7       | 2       | 1       | 1                    | 25                       | 1                    | 25                    |
| 28             |         | 3       |         |         | 1       |         | 6       |         | 3       |         |         | 7       | 2       | 1       | 1                    | 26                       | 1                    | 26                    |
| 30             |         | 3       |         |         |         |         | 7       |         | 3       |         |         | 7       | 2       | 1       | 1                    | 28                       | 1                    | 28                    |

The logo for iPer voice is centered within a large white circle. It features the word "iPer" in a large, bold, sans-serif font, with "voice" in a smaller, lowercase, sans-serif font directly below it. The text is flanked by two vertical bars of equal height, one on each side.

iPer  
voice

---

IP TECHNOLOGY  
INTEGRATED SOLUTIONS  
FOR SMART BUILDINGS



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

#### Ideal for

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

# IPERVOICE: TOTAL INTEGRATION, NOTHING IS IMPOSSIBLE

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

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

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

## FUNCTIONS

A BROAD RANGE OF FUNCTIONS CAN BE INSTALLED DIRECTLY IN THE SYSTEM WITH NO NEED FOR ADDITIONAL WIRING. ALL CONTROLS ARE AVAILABLE AT THE INDOOR VIDEO-DOORPHONE MONITOR, TURNING THE CONCIERGE EVOLVES INTO A CONTROL CENTRE THAT GATHERS ALL BUILDING INFORMATION IN TERMS OF:

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



# 1 wire for the whole system

## WHAT DO YOU NEED?

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

## WHAT DO YOU GET?

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



# IPERVOICE: INTEGRATED SOLUTIONS FOR IMPROVED BUILDING AUTOMATION AND SECURITY

## Services and security in a single system



### EXCHANGE

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



### VOIP

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



### LIFT CONTROL

- Send lift to desired floor



### ACCESS CONTROL

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



### INTRUSION DETECTION SYSTEMS

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



## Communication and CCTV - all in one



### VIDEO-DOORPHONE FUNCTION

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



### VIDEO SURVEILLANCE

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

CAMERAS ACTIVATE WHEN SUBJECT PASSES



POE SWITCH



VIDEO SERVER



CCTV



### INTERCOM

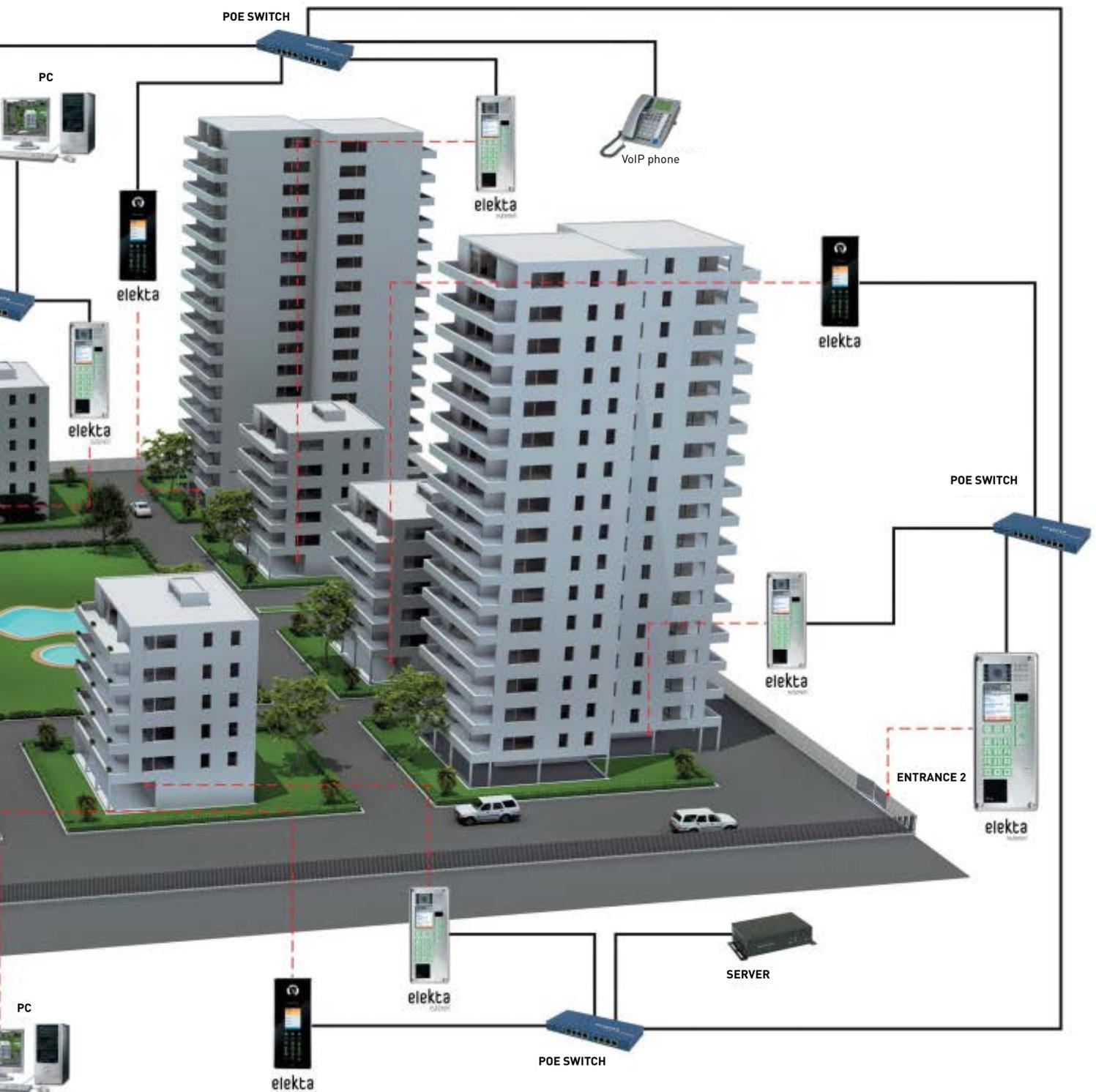
- Up to 16 devices per apartment can communicate with one another at all time without occupying the riser line
- Allows communication with all other users in the complex and with the different manned stations in common areas
- Unlimited intercom calls with other users: thanks to the touch-screen monitors,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

# IPERVOICE: THE EVOLUTION OF INTEGRATED BUILDING COMMUNICATION





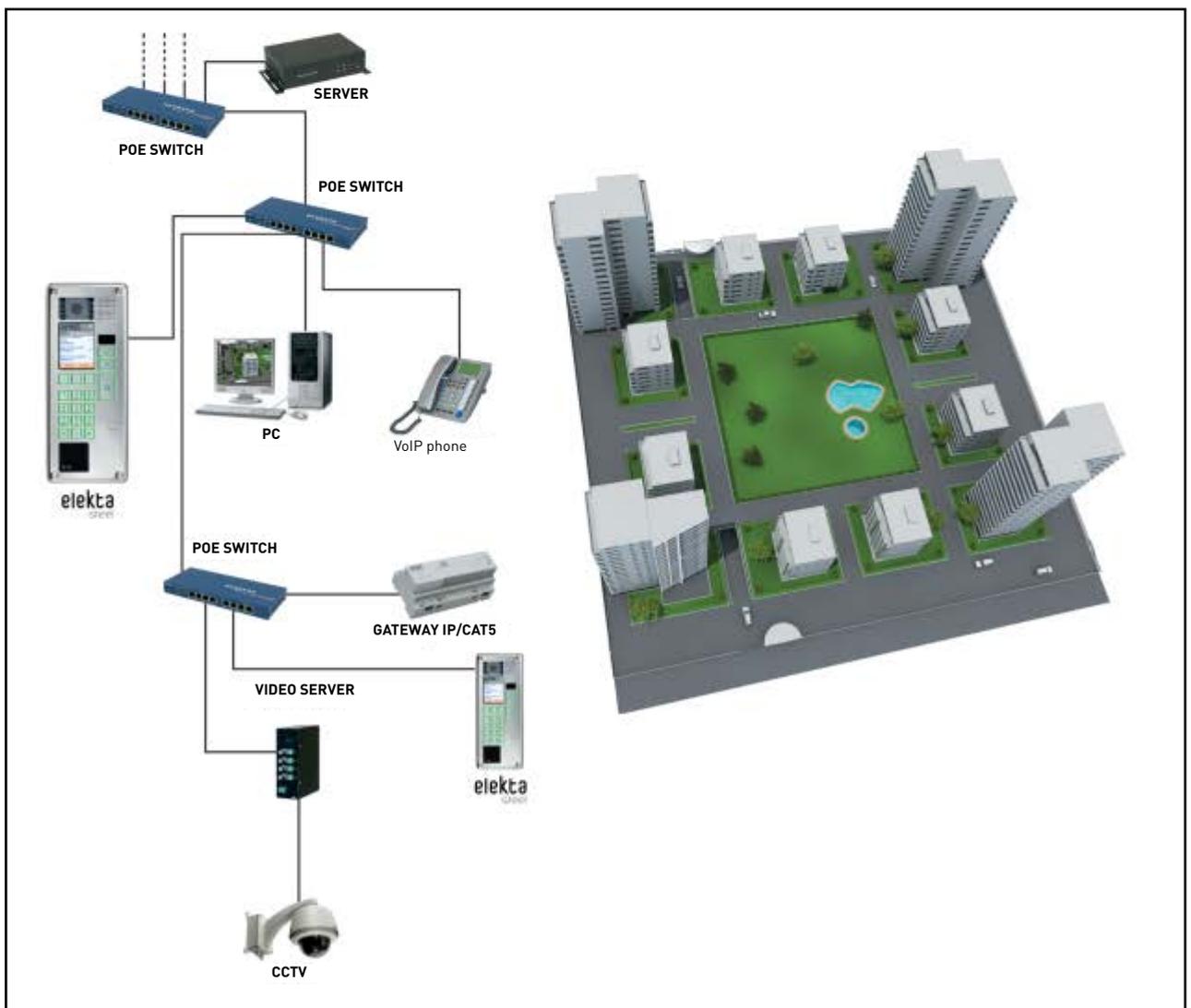
iPer  
voice



# IPERVOICE: EXTERNAL WIRING

## SIMPLIFIED INSTALLATION

Just one cable to control the whole system, the effectiveness of the PoE switches for distribution and IP technology. These are the key features allowing installers to offer a cutting-edge product under optimised conditions in terms of time and cost. Simple, uncomplicated wiring meets any installation requirements, providing communication throughout the residential complex and facilitating function interoperability.





# IPERVOICE: INTERNAL WIRING



## DEDICATED PROTOCOL AND FREE INTERCOM

Up to 1080 users within a maximum distance of 900 metres. This is the huge potential offered by the system at each riser, and there is no limit to the number of risers that can be installed. Wiring uses the CAT 5/5e/6 cable and RJ45 connectors. Up to sixteen intercom devices can be installed in an apartment without occupying the riser audio channels. When an AWG24 pair is added to the riser, two audio conversations are possible. The lift control system can be controlled, too.



## DESIGN STYLES

exigo elekta modo folio signo sinthesi  
steel



Urmet monitors and outdoor stations establish a new design style in communication, with functional user interfaces and innovative design.

A rich, varied range meets any personal preferences and blends in with all architectural styles.

Hi-tech functions with soft-touch and touch screen controls, refined design and high-quality materials give evidence of design excellence and accurate manufacturing; for guaranteed durability and usability.



elekta steel mikra sintesi aiko imodo

 Indoor stations



|   | MODO | iMODO | AIKO | FOLIO | SIGNO VIDEO | SIGNO AUDIO | ATLANTICO |
|---|------|-------|------|-------|-------------|-------------|-----------|
| 2VOICE     | •    |       | •    | •     | •           | •           | •         |
| IPERVOICE  | •    | •     | •    | •     | •           | •           |           |

 Outdoor stations



|   | SINTHESI S2 | SINTHESI STEEL | ELEKTA | ELEKTA STEEL | EXIGO | MIKRA |
|---|-------------|----------------|--------|--------------|-------|-------|
| 2VOICE     | •           | •              | •      | •            | •     | •     |
| IPERVOICE  | •           | •              | •      | •            |       |       |

## DESIGN STYLES: INDOOR STATIONS

# modo

| iPer | | 2 | | iPer |  
Home voice voice



7" colour touch screen monitor.  
Connection at IPerVoice riser with  
CAT5/5e/6 UTP cable and RJ45  
connector Provision for floor call.  
Input for panic button.  
Allows calls to any system user  
through on-screen virtual control  
panel. No separate bracket required.  
Wall mount.

# modo

| iPer | | iPer |  
Home voice



7" colour display with icon menu and  
virtual number keypad, full-duplex  
doorphone/loud speaking unit, unlimited  
intercom calls, optional VoIP phone,  
QWERTY control panel, full IP  
communication protocol and external  
Internet access via e-mail client browser,  
integrated camera and double stereo  
loudspeaker, advanced video-doorphone  
function management, Bluetooth, Wi-Fi,  
USB port. Wall mount.

# aiko

| 2 | | iPer |  
voice voice



Loudspeaker monitor with 4.3" TFT colour  
display. Soft touch controls. No bracket  
required. 31 intercom calls, hands-free  
phone, additional services, door opener,  
mute control and LED indicator. Recessed  
installation, wall mount or desktop stand.



Loudspeaker monitor with 3.5" TFT colour display. Soft touch controls. No bracket required. 31 intercom calls, hands-free phone, additional services, door opener, mute control and LED indicator. Recessed installation.



# folio

| 2 | | Per |  
voice voice

Monitor with 4" TFT colour display. 3 keys for auxiliary functions (exchange call, intercom, additional services activation). Call volume adjustment; mute mode with visual indication. Release of 2 locks connected to same doorphone input (pedestrian gate and driveway). Wall mount with dedicated bracket.



# signo

VIDÉO

| 2 | | Per |  
voice voice

# atlantico

AUDIO

| 2 |  
voice

Door opener key and second electric lock at driveway. Exchange call. Wall mount.



# signo

AUDIO

| 2 | | Per |  
voice voice

3 keys for auxiliary functions (exchange call, intercom, additional services activation). Call volume adjustment; mute mode with visual indication. Release of 2 locks connected to same doorphone input (pedestrian gate and driveway) Wall mount.



## DESIGN STYLES: OUTDOOR STATIONS

**synthesi**  
s2  
| 2 voice | | iPer voice |



Integrated audio module, colour camera with LED lighting [video version only]. 2 door opener outputs door open warning input, 2 inputs for additional security cameras.

**synthesi**  
steel  
| 2 voice | | iPer voice |



Integrated audio module with anti-vandal steel front panel, colour camera with LED lighting [video version only] 2 door opener outputs, door open warning input 2 inputs for additional security cameras.

**elekta**  
| 2 voice | | iPer voice |



Digital push-button panel with IP protocol and soft-touch panel. Features 3.5" colour display, alphanumeric control panel, arrow keys for name index book browsing, colour camera with lighting, audio module and proximity key reader.



Mikra is the new video push-button panel for single or two-family home systems. Made from Zamak alloy and satin-finished, this push-button panel is sturdy and weather-resistant. Surface wall mount, semi-recessed installation with suitable accessory or on 10-cm wide plate.



# mikra

| 2 |  
voice

Compatible with 2Voice digital systems and all analogue installation systems. PVD anti-corrosion and anti-oxidisation treatment on audio and video versions, for both Classic and Special Classic models: polished and satin-finished brass. Special: customised finish (polished and satin-finished brass, colour variants: steel-chrome, gun-metal grey, bronze, iron-mica, etc.), special designs. Access control, proximity sensors, digital directory, door opener systems.



# exigo

| 2 |  
voice

Digital push-button panel with anti-vandal steel panel, IP protocol and soft-touch panel. Features 3.5" colour display, alphanumeric control panel, arrow keys to browse name index book, colour camera with lighting, audio module and proximity key reader.



# elekta

steel

| Per | | 2 |  
voice | voice

## 2VOICE: PRODUCTS



### BASE ELEMENTS

|                 |  |  |
|-----------------|--|--|
| <b>1083/20A</b> |  | <b>System power unit</b><br>Used for 2VOICE system. DIN rail mount (10 modules).<br>230 Vac, 50-60 Hz 68 Vdc output  |
| <b>1083/50</b>  |  | <b>Riser interface</b><br>Device used to decouple risers in complex 2VOICE installations.<br>Provisions for DIN rail mount (10 modules)  |
| <b>1083/55</b>  |  | <b>4-user distributor. Floor distributor</b><br>Connection for input bus, output bus and 4 apartment branches.<br>Features short-circuit protected outputs.<br>Dimensions (W x H x D): 45 x 1,5 x 16 mm   1.78 x 0.06 x 0.63 in  |
| <b>1083/75</b>  |  | <b>Outdoor station interface</b><br>Device used to connect several master push-button panels in 2VOICE systems.<br>Provisions for DIN rail mount (10 modules)  |
| <b>1083/90</b>  |  | <b>2VOICE cable. 100 m coil</b><br>Cable for 2VOICE system. 2x1 sq mm. 6,5 mm outer diameter.<br>100 m coil  |
| <b>1083/92</b>  |  | <b>2VOICE cable. 200 m coil</b><br>Cable for 2VOICE system. 2x1 sq mm. 6,5 mm outer diameter.<br>200 m coil  |
| <b>1083/40</b>  |  | <b>Gatekeeper lodge exchange</b><br>Features alphanumeric control panel, display and receiver.<br>For typical gatekeeper service.<br>Day/night mode operation. Can be combined with 1732/41 colour video   |
| <b>1083/67</b>  |  | <b>2VOICE-PSTN interface and video</b><br>This device allows to connect an analogical telephone interface or a PABX to a 2VOICE system to use doorphone services also through a telephone terminal.<br>The video is supplied on a coax-type output for connection of compatible terminals.<br>The interface can be programmed in two modes: "indoor station" or "call forwarding" as an aid to the 110/40 gatekeeper lodge exchange.<br>- Power supply: 110/230 Vac with power supply provided with kit<br>- Size: 10 DIN modules<br>- Size of Power Supply: 1,5 DIN modules |
| <b>1083/69</b>  |  | <b>CCTV Interface. 4 cameras, V.P.E. connection</b><br>The CCTV interface is suitable for different applications and makes for much simple diagram layout with several gatekeeper master videos in switching mode, and features a specific control input to cycle through up to.<br>The video is supplied on a coax-type output for connection of compatible terminals.<br>4 different cameras. Each input can be activated individually by an alarm control.<br>The product is compatible with the the 2VOICE system and replaces the 1038/69 board                         |
| <b>1783/69</b>  |  | <b>CCTV Interface, 4 cameras, Bus connection</b><br>This device enables connecting 4 control cameras on the Data Bus on the 2VOICE system.<br>The cameras are connected to the interface and use the Extended Video signal Balun instead of coaxial cable. This device can be associated to a plurality of users of the system or to just one of them  |

### OUTDOOR STATIONS

|                |  |  |
|----------------|--|--|
| <b>1083/9</b>  |  | <b>Outdoor audio station - Sinthesi S2</b><br>2VOICE outdoor audio station with Sinthesi S2 design style (2 modules). Features 2 call keys, loudspeaker and microphone. Controls 7 door opener outputs for pedestrian gate or driveway. Recessed mount box, frame and trim not included                                      |
| <b>1083/6</b>  |  | <b>Outdoor audio station - Sinthesi steel</b><br>Same specification as ref. 1083/9   |
| <b>1083/8</b>  |  | <b>Outdoor audio station for Exigo design line</b><br>For use in combination with 1038/17 modules (one every 16 users)   |
| <b>1083/77</b> |  | <b>Outdoor video station - Sinthesi S2</b><br>2VOICE outdoor video station with Sinthesi S2 design style (2 modules). Features 2 call keys, colour camera with LED lighting, loudspeaker and microphone.<br>Controls 2 door opener outputs for pedestrian gate and driveway, Recessed mount box, frame and trim not included |
| <b>1083/79</b> |  | <b>Outdoor video station - Sinthesi S2</b><br>Same specifications as ref 1083/77 but for 60 Hz systems   |



#### OUTDOOR STATIONS

|         |  |
|---------|--|
| 1083/78 | <b>Outdoor video station - Sinthesi S2</b><br>Same specification as 1083/77 with provision for connection up to 5 outdoor cameras  |
| 1083/62 | <b>Outdoor video station - Sinthesi Steel</b><br>Same specification as 1083/77   |
| 1083/63 | <b>Outdoor video station - Sinthesi Steel</b><br>Same specifications as ref. 1083/62 but for 60 Hz systems   |
| 1083/19 | <b>Sinthesi S2 digital call module with control panel for 2VOICE</b><br>Size equivalent to 2 Sinthesi S2 modules. Features alphanumeric control panel, arrow keys to select names from electronic director, 2 line 16-character display. Bluetooth interface for programming from mobile phone/smartphone/PDA. Can be combined with camera to set up video call stations |
| 1083/15 | <b>Elekta call module for 2Voice system.</b><br>Glass frontal with soft touch technology. 3,5" TFT color monitor with alphanumeric keyboard and proxy key reader built-in. Requires Sinthesi 3-modules embedding box 1145/53   |
| 1083/16 | <b>Elekta Steel vandal-proof call module for 2Voice system.</b><br>Front panel made of vandal-proof stainless steel, alphanumeric keypad and embedded proximity key reader for access control. Requires metal 3-modules embedded box 1158/43.  |
| 1083/25 | <b>Elekta call module for 2Voice system.</b><br>Same specification as ref. 1083/15 but for 60 Hz system.   |
| 1083/27 | <b>Elekta Steel vandal-proof call module for 2Voice system.</b><br>Same specifications as ref. 1083/16 but for 60 Hz system.   |

#### INDOOR STATIONS

|          |   |
|----------|---|
| 1183/1   |  <b>Base doorphone Atlantico</b><br>Base doorphone for 2VOICE system. Features door opener push-button and one additional push-button. Controls driveway gate and allows intercom call to other apartment. Selectable call tone with 5 different options |
| 1183/2   | <b>Comfort doorphone Signo</b><br>Comfort doorphone for 2VOICE system. Features door opener push-button and 3 additional push-buttons   |
| 1183/3   | <b>Signo doorphone with additional keys</b><br>10-key doorphone for 2VOICE system. Lets you set up to 9 intercom calls. Features push-button for automatic door opener function upon call and LED indicator for function status and door open warning   |
| 1740/83  | <b>2VOICE bracket for B/W and colour signo monitor</b><br>Wall mount bracket for Signo monitors 1740/1 (B/W) and 1740/40 (colour). Provision for floor call connection and additional call tone   |
| 1740/41  |   <b>Signo colour video-doorphone without bracket, anthracite</b>   |
| 1740/42  |   <b>Signo colour video-doorphone without bracket, platinum</b>   |
| 1740/713 | <b>Signo B/W monitor and 2VOICE bracket kit</b><br>Includes Signo black and white monitor 1740/1 and 2VOICE bracket 1740/83   |
| 1740/753 |   <b>Signo colour monitor and 2VOICE bracket kit</b><br>Includes Signo colour monitor 1740/40 and 2VOICE bracket 1740/83  |
| 1706/5   |   <b>Folio monitor for 2VOICE. Black</b>  |
| 1706/6   |   <b>Folio monitor for 2VOICE. White</b>  |
| 1716/1   |   <b>Aiko monitor for 2VOICE. Black</b><br>Recessed or surface wall mount with dedicated box with frame 1716/61, black  |
| 1716/2   |   <b>Aiko monitor for 2VOICE. White</b><br>Recessed or surface wall mount with dedicated box with frame 1716/62, white  |
| 1717/12  |   <b>Modo monitor.</b><br>7" TFT colour touch screen monitor with loudspeaking unit. Surface wall mount   |
| 1717/12H | <b>Modo monitor.</b><br>7" TFT colour touch screen monitor with loudspeaking unit and suitable for IPerHome system. Surface wall mount.   |

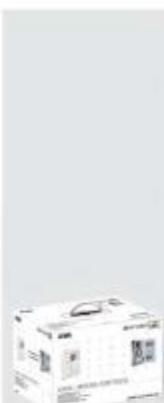
#### ACCESSORIES

|         |   |
|---------|---|
| 1083/96 | <b>Keys add-on for Signo monitor</b><br>Features 6 keys for intercom calls or special activation functions, 1 push-button and 2 LEDs for automatic door opener service with matching indication and door open warning |
| 1083/80 | <b>Special 2VOICE decoder</b><br>Provisions for DIN rail mount (6 modules)  |

## 2VOICE: PRODUCTS



1783/831 - /651



1783/832



1783/641

### KIT

|           |  |   |
|-----------|--|---|
| 1783/421  |  | <b>Single-family kit with Sinthesi S2 and colour SIGNO</b><br>Includes Sinthesi push-button panel 1083/71, 2 module trim and recessed box, Signo colour monitor 1740/40, wall mount bracket 1740/83 and power unit 1083/20A                                   |
| 1783/422  |  | <b>Two-family kit with Sinthesi S2 and colour SIGNO</b><br>Included Sinthesi S2 push-button panel 1083/71, 2 module trim and recessed box, 2 Signo colour monitors 1740/40, 2 wall mount brackets 1740/83, power unit 1083/20A and 4-user distributor 1083/55 |
| 1783/424  |  | <b>Two-family kit with Sinthesi S2 and colour SIGNO</b><br>Same specifications as ref. 1783/422 but for 60 Hz systems   |
| 1783/431  |  | <b>Single-family kit with Sinthesi S2 and AIKO</b><br>Included Sinthesi S2 push-button panel 1083/71, 2 module trim and recessed box, 1 Aiko monitor 1716112 and power unit 1083/20A  |
| 1783/432  |  | <b>Two-family kit with Sinthesi S2 and AIKO</b><br>Includes Sinthesi S2 push-button panel 1083/71, 2 module trim and recessed box, 1 Aiko monitor 1716112 and power unit 1083/20A   |
| 1783/434  |  | <b>Two-family kit with Sinthesi s2 and AIKO</b><br>Same specifications as ref. 1783/432 but for 60 Hz systems   |
| 1783/641  |  | <b>Single-family kit with MIKRA and colour SIGNO</b><br>Includes Mikra push-button panel 1783/2, 2 Signo monitor 1740/1, 2 wall mount brackets 1740/83, power unit 1083/20 and 4 user distributor 1083/55   |
| 1783/651  |  | <b>Single/two-family kit with MIKRA and AIKO</b><br>Includes Mikra push-button panel 1783/1, 2 Aiko monitor 1716/2, power unit 1083/20 and 4 user distributor 1083/55   |
| 1783/651S |  | <b>Single/two-family kit with Mikra Exigo and AIKO</b><br>Includes Mikra Exigo polished satin panel 1783/1S, 2 Aiko monitor 1716/2, power unit 1083/20A and 4-user distributor 1083/55  |
| 1783/651L |  | <b>Single/two-family kit with Mikra Exigo and AIKO</b><br>Includes Mikra Exigo polished brass panel 1783/1L, 2 Aiko monitor 1716/2, power unit 1083/20A and 4-user distributor 1083/55  |



### IPERVOICE PRODUCTS



1039/1



1039/18



1039/13



1039/20

|          |  |   |
|----------|--|---|
| 1039/1   |  | <b>IP system Server</b><br>Based 1GHz Intel Pentium processor. Features one RJ45 port and 2 USB ports, Provisions for wall and DIN rail mount, 2,52 HDD<br>Dimensions (W x H x D): 172 x 55 x 114 mm   6.77 x 2.16 x 4.49 in<br>ON/OFF LED and push-button and reset bush-button. Power unit included |
| 1039/100 |  | <b>Package with 20 IP side RJ45 connectors</b><br>Package with 20 RJ45 connectors with "URMET" marking for device for device connection. IP compatible  |
| 1039/101 |  | <b>Package with 20 riser side RJ45 connector</b><br>Package with 20 RJ45 connectors with "NO LAN" marking for IPerVoice riser device connection   |
| 1039/18  |  | <b>Elekta Anti-Vandal IP Call module</b><br>Requires metal 3 module recessed box 1158/43  |
| 1039/17  |  | <b>Elekta Anti-Vandal IP Call module</b><br>Same specifications as ref. 1039/18 but for 60 Hz systems   |
| 1039/13  |  | <b>Elekta Digital call module for IPerVoice with soft touh panel</b><br>Requires Sintesi 3 module recessed box 1145/53  |
| 1039/12  |  | <b>Elekta Digital call module for IPerVoice with soft touh panel</b><br>Same specifications as ref. 1039/13 but for 60 Hz systems   |
| 1039/78  |  | <b>IPerVoice outdoor video station with keys</b><br>Sinthesi S2 design style (12 modules). Includes colour camera with lighting. 2 call keys and audio module. Handles 2 electric locks; features hallway push-button and door open warning. Trim and recessed box included                           |
| 1039/79  |  | <b>IPerVoice outdoor video station with keys</b><br>Same specifications as ref. 1039/78 but for 60 Hz systems   |
| 1039/20  |  | <b>Riser power unit</b><br>Power unit for IPerVoice riser. Features 2 RJ45 connector for input and output bus. Led and trimmer for video signal aqualization. Dimension: DIN rail mount (10 modules)  |
| 1039/74  |  | <b>IPerVoice digital outdoor video station - Sinthesi Steel</b><br>Same specification as 1039/78  |
| 1039/75  |  | <b>IPerVoice digital outdoor video station - Sinthesi Steel</b><br>Same specifications as ref. 1039/74 but for 60 Hz systems  |



# IPERVOICE PRODUCTS



|         |  |   |
|---------|--|---|
| 1039/34 |  | <b>4 user distributor</b><br>Handles 4 riser user. Features 4 RJ45 connectors for user connection and 2 RJ45 connector for input and output bus. Floor call for each user. Terminals for connection of second riser audio channel. Relay output for floor alarm connection  |
| 1039/36 |  | <b>Intercom device</b><br>Allows connection of 4 indoor station (doorphones or video-doorphones) and intercom calls among among stations. Up to 4 cascade connected devices for a total of 16 parallel connected intercom devices in one apartment. DIN rail mount (6 modules). Fed from local mains with 1039/20 |
| 1039/37 |  | <b>Lift interface</b><br>Forward door opener command executed information to lift control system of building. Features 24 NO/C/NC relay outputs that can be associated to a single user or a group of users. DIN rail mount (12 modules). Fed from local mains with 1039/20                                       |
| 1039/41 |  | <b>Gatekeeper lodge exchange for PC</b><br>Doorphone with Atlantico design style, USB connector and A/V plug for PC connection; provides audio at doorphone in gatekeeper lodge exchange application  |
| 1039/44 |  | <b>4 port + 4PoE switch</b><br>Switch with 8 ports, 4 of which PoE ports  |
| 1039/45 |  | <b>4PoE + 2 port switch power unit</b><br>Switch with 6 ports, 4 of which PoE ports. Operates in a broad temperature range (-40° to +75°C). Power unit included. Provisions for DIN rail mount  |
| 1039/50 |  | <b>IP/ riser gateway</b><br>Allows interfacing of IP backbone with riser. DIN rail mount (10 DIN mod.)  |
| 1039/56 |  | <b>Bluetooth programming device</b><br>Interface for programming riser devices from mobile phone or PDA. Adapter cable included   |
| 1039/61 |  | <b>Apartment alarm interface</b><br>Interface board for installation inside URMET control modules 1061/004 and 1061/006   |
| 1039/69 |  | <b>Video Server for iPerVoice</b><br>Allows connection of 4 conventional cameras. Image stream is sent over IP bus and viewed on installation devices (monitor, exchanges)  |
| 1039/80 |  | <b>Special IP decoder</b><br>Provides activation/deactivazion of loads or other functions over IP backbone  |
| 1039/88 |  | <b>IP reader on Sintesi S2</b><br>Proximity key reader over IP bus  |
| 1039/90 |  | <b>IP outdoor cable</b><br>In ground CAT5 cable. For use on common backbone. 100 m coil   |
| 1139/2  |  | <b>iPerVoice doorphone</b><br>Doorphone with Signo design style. Features 3 push-buttons and door opening push-button   |
| 1740/95 |  | <b>iPerVoice bracket for Signo</b>  |
| 1706/7  |  | <b>Folio monitor.</b> 3,5" colour soft touch monitor with loud speaking unit, black   |
| 1706/8  |  | <b>Folio monitor.</b> 3,5" colour soft touch monitor with loud speaking unit, white   |
| 1740/1  |  | <b>Signo monitor.</b> 4,5" B/W monitor  |
| 1740/18 |  | <b>Signo monitor.</b> Same specification as ref. 1740/1 but for 60 Hz systems   |
| 1740/40 |  | <b>Signo monitor.</b> 4" TFT colour monitor with microtelephone, white  |
| 1740/41 |  | <b>Signo monitor.</b> 4" TFT colour monitor with microtelephone, anthracite   |
| 1740/42 |  | <b>Signo monitor.</b> 4" TFT colour monitor with microtelephone, platinum   |
| 1717/11 |  | <b>Modò monitor.</b> 7" TFT colour touch monitor with loud speaking unit. Surface wall mount  |
| 4501/5  |  | <b>VoIP phone</b>   |
| 1716/4  |  | <b>Aiko monitor.</b> 4,5" TFT colour soft touch monitor with loud speaking unit, White  |
| 1717/2  |  | <b>Imodò IP terminal.</b> 7" TFT colour touch monitor with Home Automation functions  |

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The logo for urmet, featuring the word "urmet" in a bold, lowercase, sans-serif font. The letters are black with a white outline, giving it a three-dimensional appearance.

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