Digital
Video door phone
Systems

IPercom	**IPer**voice	INTEGRATED IP VIDEO DOOR PHONE SYSTEMS
2voice		NON-POLARIZED 2-WIRE VIDEO DOOR PHONE SYSTEM

IF YOU LOVE YOUR BUILDING

urmet

The company

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-doorphone, doorphone, telephony, climate control, professional video surveillance, intrusion detection 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.

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.

Urmet integrated video door phone system: communication and security

Maximum functionality in two cutting-edge solutions

IPerCom and **IPerVoice** are integrated and universal IP systems for communication and security in buildings: video surveillance, intrusion alarm, access control, lift control device and exchange even with a VoIP terminal.

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.

URMET HAS DEVELOPED THREE DIGITAL SYSTEMS FOR ALL RESIDENTIAL NEEDS, FROM THE **SINGLE FAMILY HOME TO LARGE SPACES.**

DIGITAL TECHNOLOGY AT THE SERVICE OF SECURITY AND COMMUNICATION.

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.

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.

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.

3

# Call forwarding system to smartphone

The apps **CallMe** and **Call2U** allow you to transfer the video door phone call to smartphones and tablets, so your customers can see who is at the door and whether to open even when they are not at home. The **CallMe** app is used for both the **IPerCom** and **2Voice** systems. For **IPerVoice** t is necessary to use the Call2U version instead. Both are free and can be found in the Android and iOS stores.

Easy to use for your customers

CallMe is easy to use for everyone.
To enable the call forwarding function, there is **no need to replace the video door phone**, just download one of the 2 apps for free from the Android or iOS store.
Easy, fast, safe: go out with full peace of mind, see who's at the door through your video door phone and decide whether to open.
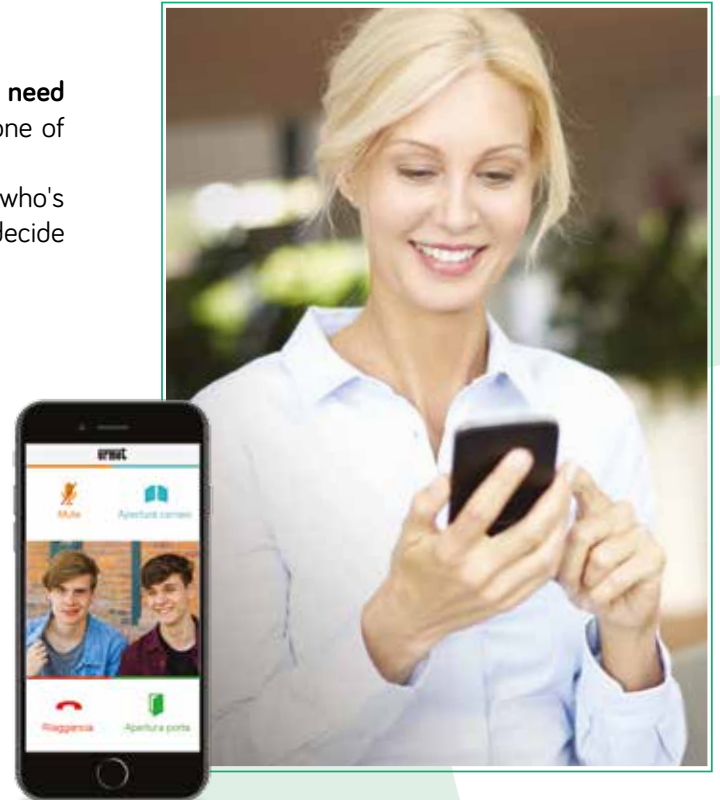
CallMe and Call2U: two Apps that ensure

GREATER CONVENIENCE   **GREATER SECURITY**   **GREATER COMFORT**   **MORE POSSIBILITIES**

SEVERAL CALLME DEVICES CAN BE MANAGED WITH A SINGLE SMARTPHONE
(BEACH HOUSE, COUNTRY HOUSE, PARENTS' FLAT, OFFICE...)

IPerCom system: CallMe

To forward video door phone calls to smartphones, simply download the CallMe app from the stores, **without adding any CallMe devices**.

IPerVoice system: Call2U

Doesn't require any additional installation. By downloading the app from the stores, the call transfer function - recognised by the system - is activated immediately on the smartphone.

2Voice system: CallMe

For call forwarding on **2Voice** systems, **the "CallMe" device must be installed** next to the video door phone. It can be mounted quickly on a DIN board or on a wall using the **installation kit**, it takes up little space and there is no need for masonry work.
• It can be installed in flats **without any intervention inside the riser**.
• It does not require any additional power supply for up to **12 indoor stations**.
• It connects to the **Internet** through Wi-Fi or network cable.
• It also allows forwarding a call to **up to 4 different mobile devices** and allows to make intercom calls.

THE **CALLME** CALL FORWARDING DEVICE IS COMPATIBLE WITH ANY **URMET** DOOR PHONE AND VIDEO DOOR PHONE, 2VOICE AND ANALOGUE SERIES.

COMPATIBLE WITH ALL 2VOICE INDOOR STATIONS, KITS 1722/81, 1722/83, 1722/85 AND ANALOGUE 4+N AND COAXIAL SYSTEMS

IT DOES NOT REQUIRE THE REPLACEMENT OF THE OLD DOOR PHONE OR VIDEO DOOR PHONE

IT ALLOWS FORWARDING THE CALL TO UP TO 4 MOBILE DEVICES

IT ALLOWS INTERCOM CALLS TOWARDS THE MOBILE DEVICE

IT ALSO FEATURES A RJ45 PORT FOR WIRED CONNECTION AS AN ALTERNATIVE TO WI-FI CONNECTION

Design styles: indoor stations

The ultimate evolution is simplicity.

Urmet video-doorphone systems are simply better. One wire is all it takes to provide you with an extensive range of services, thanks to digital systems.

Max NEW

A 7-inch, latest generation screen revolutionising the world of video-doorphone systems.

Modo

7-inch monitor with management of intercom calls and integration with Urmet and Yokis home automation systems.

Cx Modo

7-inch display, video messages, video control and basic home automation functions.

Aiko

4.3-inch display, soft touch technology, available in white or black.

Mìro Range

The monitors of the Miro family multiply the possibilities of communication. Available in the standard speakerphone or hands-free versions, with video or audio-only capability, the Mìro monitors. offer access to all functions of the video-doorphone system and enable the control of home automation systems based on Yokis modules.

Communication has never been this easy. Hands-free door phone and video door phone are also available for IPerCom and IPerVoice systems.

Signo Range

A best-seller on the Italian market, its minimal style combines with a strong personality even in the audio-only version.

Design styles: entry panels

The answer to all your demands.

Modular, strongly-built compact and top-quality. Urmet control panels provide a top-notch solution to any customer demand, with a wide range of styles and functions.

Products customisation made by
For info **www.urmet.com**.

Elekta

Soft touch entry panel with colour display, directory and access control.

Elekta Steel

Vandal-resistant Elekta, structure in IP45 and IK09 steel.

Titanium NEW

Perfect for renewing your entry panel with style and modernity without changing the flush-mounting box. Customisable buttons and shape.

Exigo Digital

Elegance and attention to detail: with the digital module, the Exigo series can also be used in large systems. Customisable buttons and shape.

Exigo

An elegant choice, customised on the basis of customer's specific demands with top-quality materials and many personalisation options

Sinthesi Steel

Modular and vandal resistant; bright steel brings out the precious design.

Sinthesi S2

Modular and versatile, suitable for all types of buildings.

Mikra

One- and two-family terminal, with compact design, flush or surface wall mount, different finishes available.

IPerCom: total integration, nothing is impossible

IPerCom
IP TECHNOLOGY
INTEGRATED SOLUTIONS
FOR INTELLIGENT BUILDINGS
WITHOUT USE OF A SERVER

Ideal for

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

A server is not required to configure the system. **1** wire for the whole system. **Unlimited extension**, risers 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**.

IPerCom: the digital system entirely over CAT5/5e/6 cable or fiber optics.

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
• Concierge
• Intrusion detection
• Access control
• Lift control

IPerCom is ideal for large complexes and offers unlimited:

• Extension and distance
• Risers
• Number of exchanges
• Number of calls at the same time
  (inside and outside apartment)

1 wire for the whole system

In large residential complexes it is important to allow users to achieve greater automation and better control of the building.
In this kind of setting IPerCom makes the difference thanks to its **advanced features that are integrated** in the video door phone service, with two extra benefits: simple controls and a reduced number of management devices in public areas and apartments.

WHAT DO YOU GET?

With IPerCom, installers can provide their customers with a high-tech product that installs in no time and at low cost thanks to **IP technology**, the convenience of using a same cable for all connections, and the practical PoE switches used for distribution. Simple and uncomplicated, Ethernet cabling meets any installation requirements, providing communication throughout the residential complex and facilitating function integration.

IPer com

STRENGTHS

IPerCom is the technological and multifunctional solution for simple integrated video door phone systems **not requiring a server**:

- It supports up to 1000 IP devices.
- It can work on existing networks with other devices already installed.
- It is configured with the IPerCom Configurator program
  (already present on the Max video door phone), also available for Android and MS Windows.

THE **SEVERLESS** IP SYSTEM

No server required
From a single device it is possible to automatically configure all the devices of the system, with all the advantages of a serverless system with distributed logic, whose operation does not depend on a single device.

Double level of security
IPerCom has separate passwords for the system administrator and for the installer.

The whole system is also secure
The communication among the devices is encrypted by means of a proprietary algorithm that protects against any external interference.

IPer com | The evolution of integrated building communication

WIRING

POSITION

max

PoE SWITCH

CCTV

elekta
steel

ENTRANCE 3

max

PoE SWITCH

elekta

elekta
steel

CONCIERGE 2

max

PoE SWITCH

elekta
steel

ENTRANCE 4

CONCIERGE 1

elekta
steel

ENTRANCE 1

Proximity reader

elekta
steel

SWITCH PoE

EASY INSTALLABLE WITHIN EXISTING IP NETWORKS WITHOUT NETWORK PREPARATION OR ROUTER CONFIGURATION

HIGH NUMBER OF MAIN AND SECONDARY OUTDOOR STATIONS AND MULTIPLE SIMULTANEOUS CONVERSATIONS

VIEWING OF IMAGES FROM IP CAMERAS CONNECTED TO THE SAME NETWORK AND ACTIVATION OF RELAYS FOR ADDITIONAL SERVICES (E.G. TURNING ON LIGHTS, ENTRY/ EXIT MANAGEMENT)

PoE SWITCH

PC

elekta
steel

elekta

elekta
steel

elekta

max

PoE SWITCH

elekta
steel

ENTRANCE 2 elekta
steel

PC

elekta
steel

elekta

PoE SWITCH

DOUBLE SECURITY LEVEL WITH
SEPARATE ADMINISTRATOR AND
INSTALLER PASSWORDS; ALL DATA
FLOW IS ENCRYPTED

EACH IPERCOM USER IS COMPATIBLE WITH
THE **URMET CallMe APP** THAT **SENDS VIDEO
DOOR PHONE CALLS TO YOUR SMARTPHONE**

Services and security in a single system

Cutting-edge video door phone

IPerCom is an advanced video door phone concept that offers:

• Up to 16 devices engaged in simultaneous calls

• Messaging service between users and exchanges

• Audio and video intercom calls between users

• Video messaging service for calls in case of absence

• Electronic post-it service

• Call forwarding to smartphone/tablet

Switch PoE

PC

Concierge

• 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

Video surveillance

• Unlimited number of installable cameras

• CCTV viewing from the flats

Lift management

- Send lift to desired floor
- Calling the lift to desired floor

Access control

- Entry/exit detection and recording
- Each passage is associated to a specific key or access code

Intrusion alarm

- The Urmet alarm systems and video door phone are integrated into the Max monitors installed in the system

How is the security of the system guaranteed?

- Administrator password required for configuration.
- The installer has a separate password that guarantees that the configuration is not tampered with.
- The installer also requires the administrator password to log in.

There is always one more reason to choose IPerCom

Easy installation

- Easy to install: only one type of cable is required
- Easy to manage: few codes
- Easy to customise at the request of customers
- Direct programming from the Max video door phone
- Easy to add to **existing IP networks**: no networking skills required

Flexibility and integration

- Flexibility: adapts to multiple system **requirements** (from single-family homes to multi-building complexes)
- Scalable over time: you can add accessories and improve performance
- Wide range of functions and services for customers
- Built-in functions perceived to be of high value by customers **without any additional devices** (video messaging, call forwarding to smartphone)
- Easy to prepare estimates: start with the Villa Kit and go on from there (see page 17)

EASY TO PROGRAM:
NO IP **EXPERTISE**
NECESSARY

Benefits for the user

- Max, 7" video door phone: contemporary design and **high performance**
- Call transfer to **smartphone** with the CallMe app
- **Video door phone messaging service**: storage of video clips for calls received during your absence
- System integration with Urmet cloud: viewing of cameras and access to intrusion alarms
  both local and remote
- With IPerCom it is also possible to:
  - manage the **Yokis** radio automation directly from Max
  - report an **alarm** directly to the exchange

Yokis
URMET GROUP

YOKIS IS URMET**'S SMART HOME** FOR SIMPLE CONTROL OF THE PRIMARY **HOME AUTOMATION** FUNCTIONS FROM THE VIDEO DOOR PHONE, SMARTPHONE OR WITH A REMOTE CONTROL.

MORE COMFORT
MORE SECURITY
MORE SERVICES

Programming: simplicity first

The best result in the shortest time thanks to IPerCom.

THE SOFTWARE
- The system is programmed using the **IPerCom configurator** software, already present on the Max video door phone, or available for Android and MS Windows

WHERE TO PROGRAM IPERCOM
- In the field
- In the office

HOW TO PROGRAM IPERCOM
1 Directly via a Max monitor connected to the system
2 Using an Android tablet or a Windows computer: the configuration must then be uploaded to a Max video door phone connected to the system.
No expertise of IP addresses or IP network configuration is required

CONFIGURATION IN THREE STEPS

Build the system (topology)

Configure the devices in the common areas

Configure the stations in the flats (door phones/video door phones)

An added benefit:
easy cost-estimating

The **IP 1060/611 Villa kit** is the starting point for setting up any IP system with an external entry panel.

THE KIT CONTAINS **SINTHESI STEEL**, THE TOP VANDAL-RESISTANT ENTRY PANEL: NO DAMAGE, MAXIMUM PEACE OF MIND

The kit includes:
• no. 1 item no. 1717/31 - Max 7" touch screen built-in home monitor
• no. 1 item no. 1060/71 - One-button Sinthesi Steel entry panel
• no. 1 item no. 1039/44 - 4-port PoE switch + 4 LAN ports

To the kit are added:
• 1158/82 2-button or 1158/84 4-button modules

• Accessory modules (1158/45 - /46 - /47 - /48 - /50)

• frames and flush-mounting boxes

YOU CAN ALSO USE MULTIPLE **1060/611 KIT** BASED ON THE SYSTEM TOPOLOGY

• Max video door phone or Mìro handsfree door phones
• PoE switch

A revolution named Max

Max (item no. 1717/31) is a fully touchscreen IP video door phone that revolutionises communication and systems control. The flush-mounted version is only 5 mm thick for a light and functional design.

MAX IS A MONITOR WITH **IP TECHNOLOGY,** COMPATIBLE WITH **IPERCOM** AND **IPERVOICE** SYSTEMS.

max

FEATURES

• 7" 16:9 touch screen, 1024x600 pixel
• Wall mounting, flush-mounting and table mounting (with 1717/52 kit)
• Mifare reader for access control and scenario activation
• Connection with the flat's LAN via RJ45 port or Wi-Fi (smart home management)
• 2 Mpx front-camera for video intercom calls between flats
• Chat and messages with users and concierge
• Call forwarding on smartphone or tablet
• Timed MUTE function
• Audio post-it (to leave an audio message to fellow tenants)
• Floor call Input, Call repetear Output
• Panic alarm input with signal to the exchange
• IP CCTV camera control
• Slot for SD card
• Dimensions: 208x134x19 mm
   (5 mm thickness for the flush-mounted version)

Perfectly integrated with Urmet and Yokis smart home technologies

The touchscreen display incorporates innovative features for home management, transforming Max from a simple video door phone into a home automation monitor.

Max contains a Yokis radio transmitter to manage all system's nodes and the activation of lights, shutters and scenarios. Max can also be used to create mixed scenarios to manage shutters and lights and program their automatic activation at set times.

• Simplified programming
• No added wirings required
• No structural work required

Easy programming with Max

Copy the configuration
of a remote control

Yokis
URMET GROUP

POSSIBILITY TO
INTEGRATE YOKIS
MODULES.

Directly set up the modules

Programme and set up timed control
for scenario activation

Elekta and Elekta Steel

Elekta: technology, aesthetics, functionality

Elekta (item no. 1060/13) is the IP digital entry panel with glossy finish, high quality materials, soft and elegant lines. Wide range of functions presented on a 3.5" colour display. Elekta is not just a video door phone: it offers all the advanced features of the IPerCom system, for example calls using a directory and integrated video surveillance.

Elekta Steel: the vandal-resistant entry panel

Elekta Steel (item no. 1060/18) has the same functions as Elekta, but in a vandal-resistant version. It has a one-piece polished steel body with flush moving elements to reduce the possibility of damage. Elekta Steel feature **IK09** impact resistance and **IP45** protection against the infiltration of liquids and fine dust.

Elekta and Elekta Steel offer all the active communication and protection features of the IPerCom system in an elegant and essential design.

elekta

elekta steel

FEATURES
• Glossy black or polished steel
• 3.5" colour display
• Alphanumeric keypad
• Audio-video message recording
• Compliant with ETS300381 and EN60118 European standards for hearing aids switched to the "T" position

Villa IP kit

Vandal-resistant Villa IP kit (item no. 1060/611): the only one to be integrated with security systems and building automations.

- Programmed directly from the monitor
- Complete with frame and flush-mounting box
- Call forwarding to your smartphone with the **CallMe app**
- **Expandable** to multiple users and video door phones in parallel
- **Yokis** radio mode scenario and activation control
- Optional addition of other surveillance cameras
- Cloud camera monitoring and intrusion alarm via the app
- Sinthesi Steel entry panel with IK09 grade shock resistance
- The kit becomes **two-family** replacing the 1-button module with a 2-button module (1758/108) and adding 1 Max video door phone

GOOD LOOKING AND **SIMPLE** TO INSTALL, GOOD VALUE FOR MONEY!

In the Max monitor are already installed the **Urmet Cloud** and **My1067+** apps, that allows to manage the cameras and the intrusion alarm system of your house.

Suitable for

IP Mìro handsfree

The Urmet IP Mìro handsfree door phone (item no. 1160/3) with PoE power supply features a combination of design, versatility and functionality. Its compact size allows it to be installed on the wall with flush-mounting boxes. In an IP system, it provides a simple alternative audio solution or parallel to the video solution provided by Max.

FEATURES

- Two programmable buttons for additional functions
- Two buttons for direct **Yokis** activation via an external E2BPP module
- Compatible with **CallMe**
- Colour: polished white
- Dimensions: recessed version on UNI 503 box 80 x 110 x 9 mm
   Wall-mounted version 80 x 110 x 18.5 mm

Exchange

With IPerCom it is possible to use several reception exchanges (item no. 1060/41) in the same system. For example, one dedicated to each staircase and one or more main exchanges that can send calls to another exchange if the attendant is absent or if it is necessary to manage requests differently at particular times of the day.

The exchange is a simple software that installs on a Windows computer, with many features: you can call all users and, in turn, be called back. Furthermore you can change the names of the users and the door open codes, as well as program/delete the access keys.

The exchange can send text messages to users in a selective manner: to the individual, to all users or to a specific group (e.g. a single staircase of a condominium).
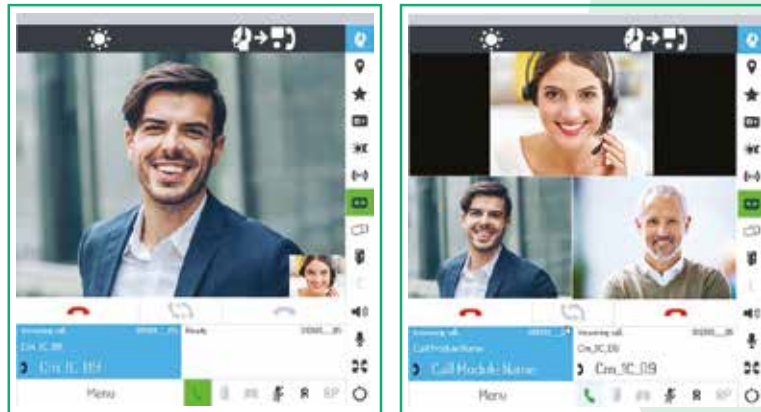
Additional activations

With the 1060/84 relay actuator module it is possible to open the IPerCom system to an unlimited array of functions. Activation rules can be created with a variety of actions and events.

ACTIVATIONS CAN BE PERFORMED BY:

• Call modules
• Indoor stations
• Concierge switchboard

ACTIVATIONS CAN BE GENERATED BY DIFFERENT EVENTS:

• Incoming call
• Door opening
• Driveway gate opening
• Activation by physical button
• Lift call
• Specific code from external call module

The system thus facilitates some daily operations. For example: call the elevator before leaving the flat, open a specific gateway, turn on a light after opening the door, activate an acoustic and/or visual signal after a call etc.

Access control

The IPerCom system incorporates the access control service, allowing the opening of gateways (doors, gates, bars, etc.) by recognising proximity keys or entering access codes. To control the opening of the gateway it is possible to use both call modules (which include a proximity key reader) or proximity key readers.

All residents can automatically open the areas that pertain to them (building, staircase, floor).

ADDITIONAL OPTIONS
- Creation of multiple profiles to open other non-pertinent areas, even choosing specific days and times
- Creation of user groups for activities (e.g. swimming pool on Monday and Wednesday from 6 to 8 pm)
- Creation of four temporary profiles (e.g. access key or numeric code for the maintenance technician on Monday from 12 noon to 6 pm)

THE PRODUCTS THAT ARE USED IN THE IPERCOM SYSTEM **ARE SHARED** BY THOSE APPLIED TO THE IPERVOICE SYSTEM (SEE TABLE ON PAGE 36)
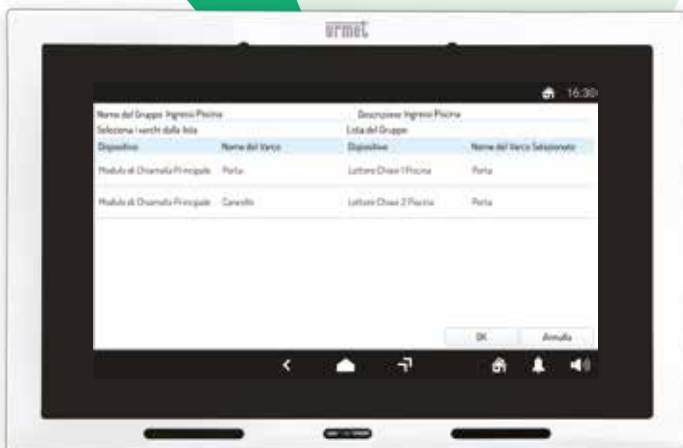
IPerVoice: intelligent integration

IPer VOICE

IP TECHNOLOGY
INTEGRATED SOLUTIONS
FOR SMART BUILDINGS

Ideal for

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

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**.

IPerVoice is the IP video door phone system that, **thanks to the presence of a server** allows:
• Remote system management.
• The creation of an event log for better system maintenance or for searches.
• More extensive access control management.

For greater ease of installation, the **main products** that are used in the IPerVoice system **are shared** by those applied to the IPerCom system: door phones, video door phones, entry panels and digital call modules.

The IPerVoice system can also include Urmet VOIP telephones, with all the functionality of an exchange

PoE switch

VoIP phone

PC

VoIP phone

The completeness of the IPerVoice system allows the user to manage all the functions guaranteed by IPerCom, but also to add further functions like:
• Illustration of the route to the building to be reached
• Inclusion of a personal message by individual users if it is not possible for them to respond.

Display that shows the **route** to the desired building

Display that shows a **personal message** when the user is not at home

Call2U
Call forwarding to smartphone

IPerVoice is configured to transfer a video door phone call to a smartphone. In fact, no additional devices are needed, just an Internet connection in the condominium/building. The user can install the **Urmet Call2U app** on smartphones and tablets.

Android®   iPhone®   iPad®

ANDROID APP ON
Google play

Available on the
App Store

Download the App

2Voice: a number 1 hit with just 2 wires

2 WIRES EVERYWHERE ADVANTAGES ANY WAY YOU LOOK AT IT

Ideal for

• Villas with communication and security needs
• Renovations
• Middle and large residential complexes

2 wires anywhere. **127** users per riser. **2** outdoor stations per riser. **32** risers. **4.064** users. **16** main common entries. Up to **1.000**-meters distance between outdoor and indoor station. **200**-meters 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** doors managed from a single outdoor station. No need to replace cables in renovations.

THE **NON-POLARIZED TWO-WIRE VIDEO-DOORPHONE SYSTEM** WITH THE **HIGHEST PERFORMANCE** IN THE CATEGORY.

The advantages

FROM VILLAS TO LARGE RESIDENTIAL COMPLEXES

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

PERFECT FOR RENOVATIONS

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

ADVANTAGES FOR INSTALLER AND USER

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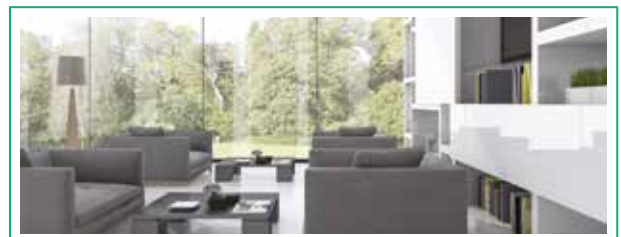
Few components, plenty of functions

What do you need?

2 non-polarized wires and as little as 3 devices:
• Expandable installation base kit
• Distributor
• Indoor station

What do you get?

• Mixed audio/video system with colour camera
• Integrated cctv
• Free intercom
• Additional services (such as staircase light control) with no additional wiring
• Additional resident controlled outputs to control auxilary devices

EASY TO INSTALL AND PROGRAM

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.

To configure the monitor?
JUST AN APP!
Only 2Voice makes the installer's job this easy.

2Set is an app designed to help the installer find the correct setup information for Urmet's 2Voice video-doorphone monitors.
To program an extension, for example, just select the model of the device from the drop-down menu, enter the number of apartment and recreate on the monitor's dip-switch board the same configuration that appears on the display of your smartphone.
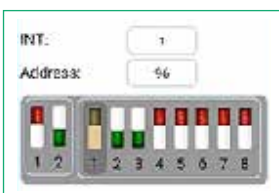
• Suitable for all 2Voice monitors
• Easy to use
• Always updated with new models
• Clear and intuitive instructions
• Free download from Google Play

Android®

|2| Simple and
voice| high performance

Quick maintenance

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

4-USER DISTRIBUTOR

SHORT-CIRCUIT BY-PASSING

4-USER DISTRIBUTOR

4-USER DISTRIBUTOR
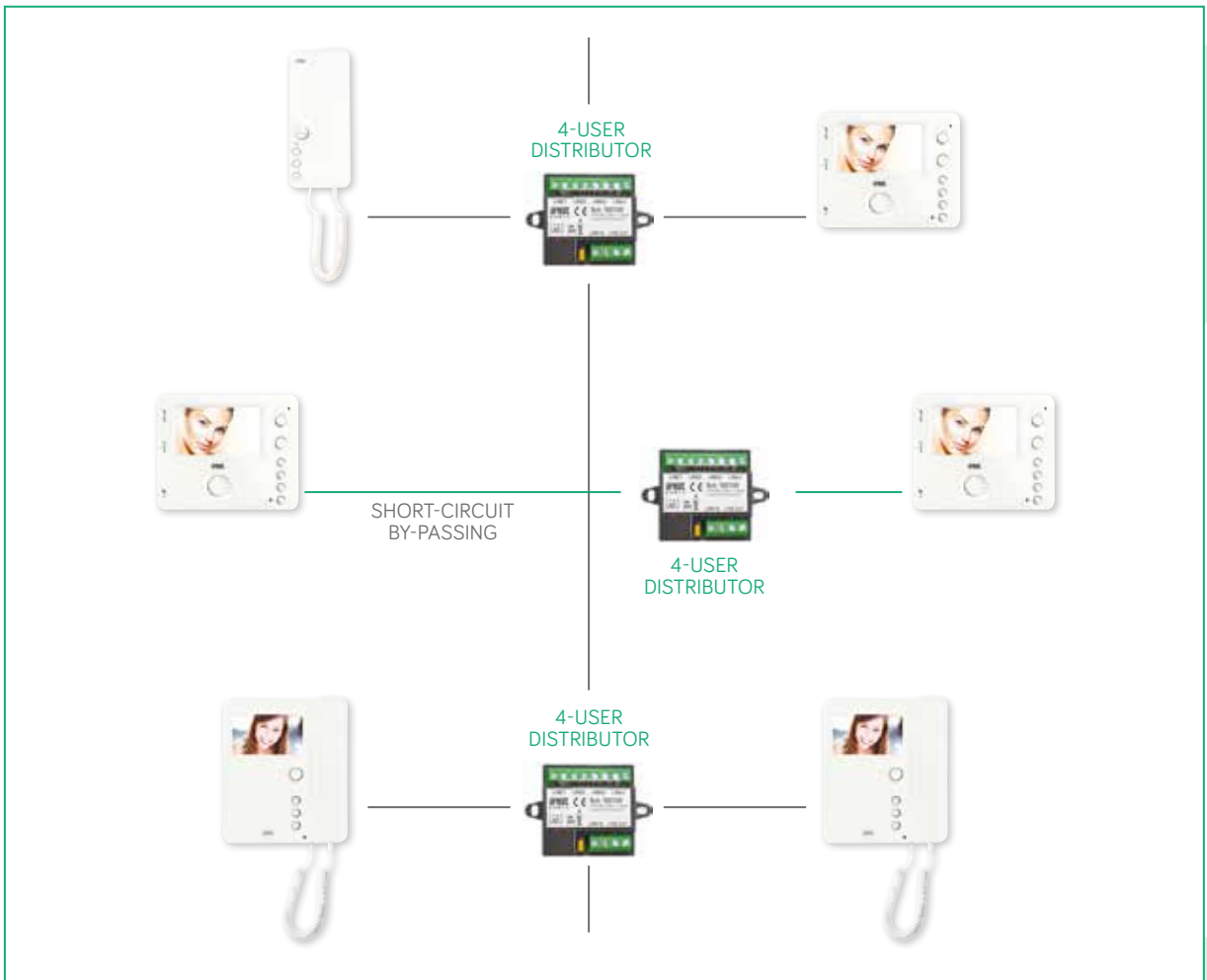
2 wires everywhere, nothing else, both for standard video-doorphone and additional functions: intercom, exchange or staircase light control.

ALL TWO-WIRE SECTIONS

Outdoor station

2

Power supply

2
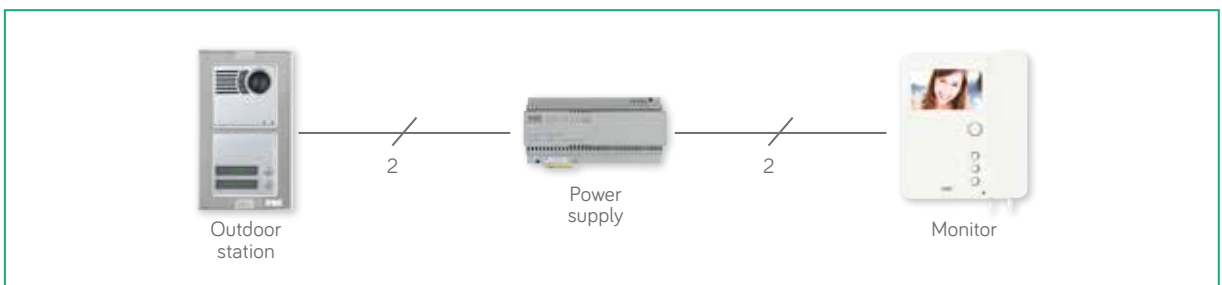
Monitor

2VOICE | Loads of functions 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.

CONCIERGE
- 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.
- Possibility to have many CCTV cameras in the system.
- Image from individual cameras can be viewed directly in the apartment on the doorphone monitor

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

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

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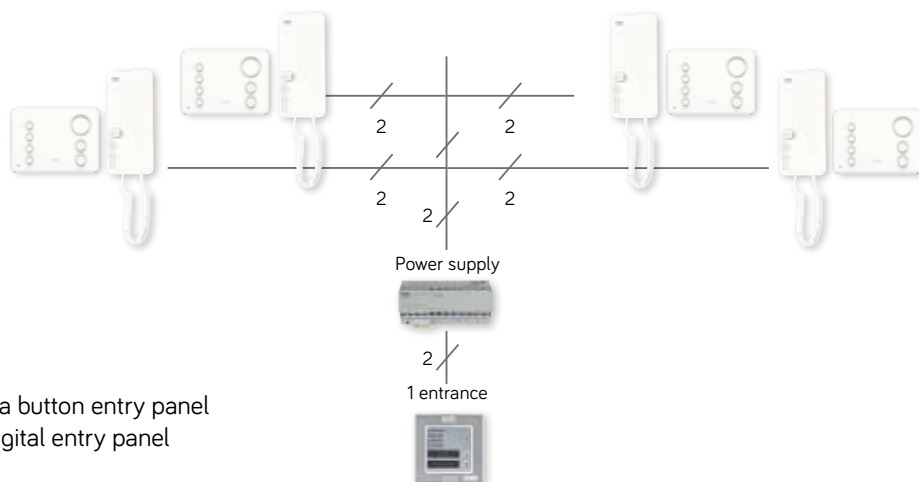
DOOR ALARM WARNING
A light indicator on the video-doorphone indicates when the entry door was not closed properly (function can be disabled)

CALL TRANSFER TO SMARTPHONE
Available for the entire range of indoor stations, both video and audio.

2 Voice | Applications

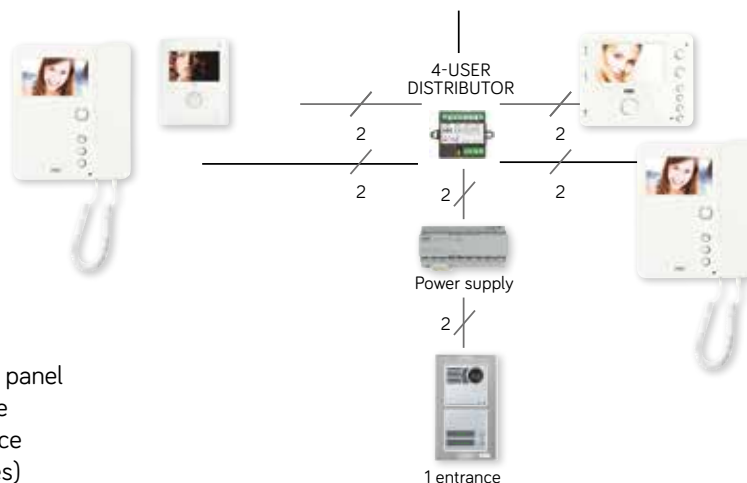## Single building with door phone system

Power supply

1 entrance

- From 1 to 64 users with a button entry panel
- Up to 127 users with a digital entry panel

It is possible to realize the plant
starting from the kit **1183/602**, composed by:

- **n. 1 item no. 1083/74** - Sinthesi S2 audio module
- **n. 2 item no. 1183/5** - 2Voice Mìro doorphone
- **n. 1 item no. 1083/20A** - System power unit
- **n. 1 item no. 1145/51** - One-module flush mounting box
- **n. 1 item no. 1148/61** - One-module Sinthesi S2 frame

Single building with video door phone system

4-USER DISTRIBUTOR

Power supply

1 entrance

- From 1 to 64 users with a button entry panel
- Up to 127 users with digital call module
- Possibility to integrate video surveillance
  (ideal for single-family detached homes)

It is possible to realize the plant starting from the
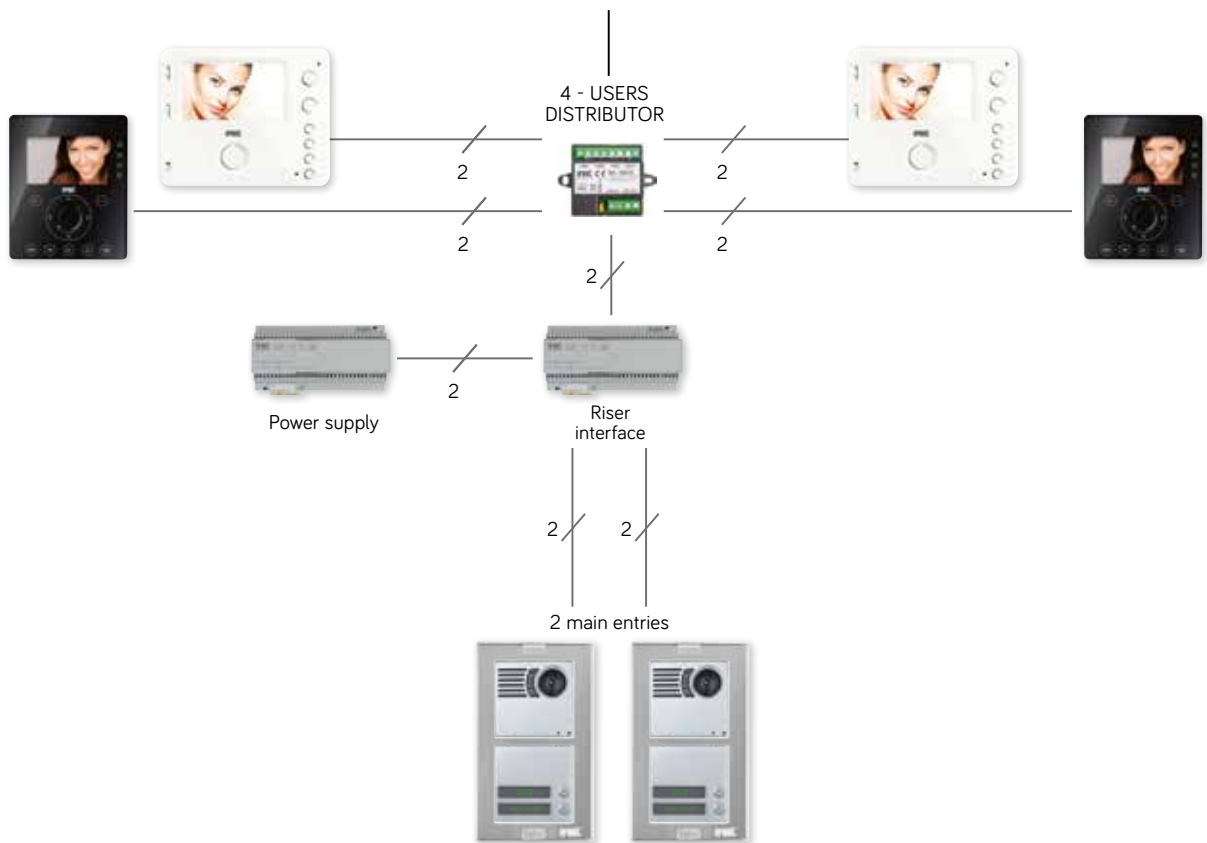kit **1783/704**, composed by:

- **n. 1 item no. 1083/74** - Sinthesi S2 audio module
  with 2 buttons
- **n. 1 item no. 1748/83** - Sinthesi S2 camera module
- **n. 1 item no. 1083/20A** - System power unit

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Single building with double entry video door phone system

4 - USERS
DISTRIBUTOR

2

2

2

2

2

Power supply

Riser
interface

2

2

2 main entries
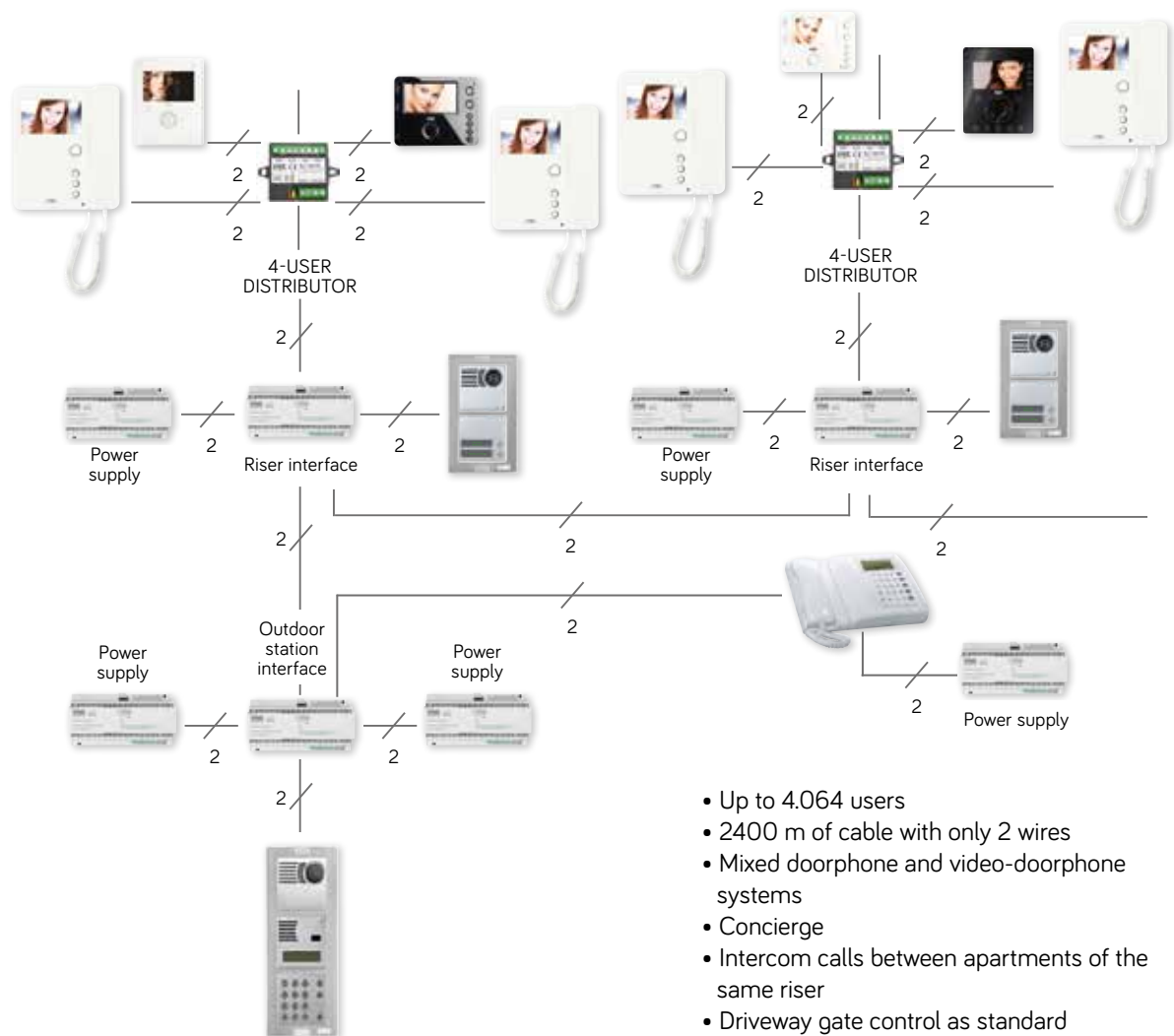
• Existing wiring is used in renovations*
• Equipped colour camera
• Intercom calls to apartment and other users

* (see wiring compatibility chart - pag 33)

2voice | Applications

Multi-staircase building with 1 main video door phone system and secondary video door phone system on each staircase

4-USER DISTRIBUTOR

4-USER DISTRIBUTOR

Power supply

Riser interface

Power supply

Riser interface

Power supply

Outdoor station interface

Power supply

Power supply

- Up to 4.064 users
- 2400 m of cable with only 2 wires
- Mixed doorphone and video-doorphone systems
- Concierge
- Intercom calls between apartments of the same riser
- Driveway gate control as standard

It is possible to realize the plant starting from the kit **1783/703**, composed by:

- **n. 1 item no. 1083/20A**
  System power unit
- **n. 1 item no. 1083/19**
  Sinthesi S2 digital call module with control panel for 2Voice

For each staircase you need to add a kit **1783/718**, composed by:

- **n. 1 item no. 1083/20A**
- **n. 1 item no. 1083/50**
- **n. 1 item no. 1083/74**
- **n. 1 item no. 1748/83**

System components

Switchboard
item no. 1083/40 (4 digit) - item no. 1083/40C (6 digit). Features alphanumeric control panel, display and receiver. For typical gatekeeper service. Day/night mode operation. Can be combined with 1732/41 colour video with 1732/92 bracket.

Riser interface
item no. 1083/50
Device used to decouple risers in complex 2Voice installations. Provisions for DIN rail mount (10 modules)

Expansion for Main Entry panel
item no. 1083/76
Device used to connect up to 16 common entry panels in 2Voice systems. Provision for DIN rail mount (10 modules).

Outdoor station interface
item no. 1083/75
Device used to connect several master push-button panels in 2VOICE systems. Provisions for DIN rail mount (10 modules)

System power unit
item no. 1083/20A
Used for 2VOICE system. DIN rail mount (10 modules).
230 Vac, 50-60 Hz 68 Vdc output.

Outdoor station — DISTANCE A — Power supply — DISTANCE B — Monitor
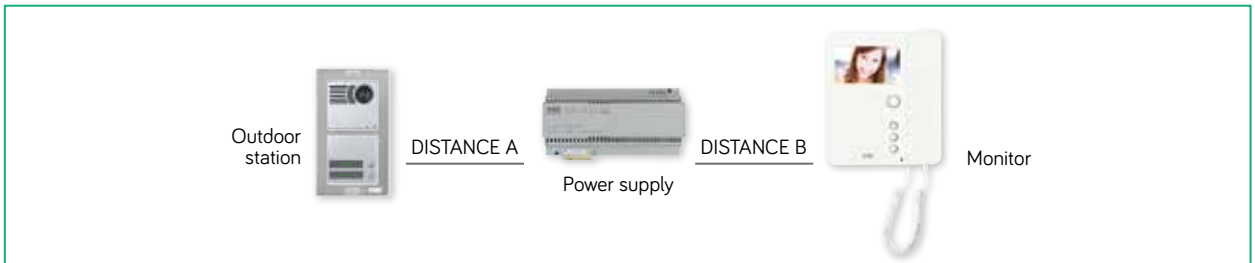
CABLES	MAX USERS	A m from outdoor station to power unit	A feet from outdoor station to power unit	B m from power unit to monitor	B feet from power unit to monitor	EXTENTION* IN M	EXTENTION* IN FEET
2VOICE CABLE	127	200	656,17	200	656,17	800	2.624,67
		200	656,17	200	656,17	800	2.624,67
WH/RD PSIR - 0,6mm unshielded	64	100	328,09	150	492,13	600	1.968,50
TWISTED PAIR - AWG 22		100	328,09	125	410,10	600	1.968,50
AWG24 CAT5 - (1 twisted pair)	64	100	328,09	125	410,10	800	2.624,67
		100	328,09	75	246,06	800	2.624,67
HVV05-F - rubber-sheathed 1.5 sq mm	128	50	164,04	125	410,10	300	984,25
NM SHEATHED - WIRE AWG 15		50	164,04	125	410,10	300	984,25
SINGLE WIRE - CSA > 1 sq mm	32	50	164,04	75	246,06	150	492,13
FLEXIBLE CABLE - AWG 17		50	164,04	75	246,06	150	492,13

*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).

FOR MORE INFORMATION ON THE USE OF EXTERNAL CABLES, PLEASE CONTACT THE SALES AND/OR SERVICE NETWORK.

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	IPERCOM	IPERVOICE		
1039/1		✓	📷	**IP system server.** Based 1GHz Intel Pentium processor. Features one RJ45 port and 2 USB ports, Provisions for wall and DIN rail mount. 2,52 HDD Dimensions (W x H x D): 172 x 55 x 114 mm | 6.77 x 2.16 x 4.49 in ON/OFF LED and push-button and reset bush-button. Power unit included.
1060/13	✓	✓	📷	**Elekta, Digital call module for IPerCom and IPerVoice soft-touch.** Scratch-resistant front glass panel, alphanumeric keypad, 3.5" display, buttons for internal directory management, colour camera, proximity reader. Requires Sinthesi 3-module flush-mounting box 1145/53.
1060/12	✓	✓	📷	**Elekta, Digital call module for IPerCom and IPerVoice soft-touch - 60Hz.** Scratch-resistant front glass panel, alphanumeric keypad, 3.5" display, buttons for internal directory management, colour camera, proximity reader. Requires Sinthesi 3-module flush-mounting box 1145/53.
1060/18	✓	✓	📷	**Elekta Steel, vandal-resistant digital call module.** IP45 stainless steel front panel, alphanumeric keypad, 3.5" display, buttons for internal directory management, colour camera, proximity reader. Requires Sinthesi 3-module flush-mounting box 1145/53.
1060/17	✓	✓	📷	**Elekta Steel, vandal-resistant digital call module - 60Hz.** IP45 stainless steel front panel, alphanumeric keypad, 3.5" display, buttons for internal directory management, colour camera, proximity reader. Requires Sinthesi 3-module flush-mounting box 1145/53.
1039/20		✓	📷	**Riser power unit.** Power unit for IPerVoice riser. Features 2 RJ45 connector for input and output bus. Led and trimmer for video signal aqualizazion. Dimension: DIN rail mount (10 modules).
1039/34		✓	📷	**4-user distributor.** 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		✓	📷	**Intercom device.** 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		✓	📷	**Lift interface.** 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 maims with 1039/20.
1060/41	✓	✓	📷	**Reception exchange for computer.** Atlantico-look door phone with USB connector and A/V plug for PC connection; allows an audio connection to the door phone in the reception exchange application.
1039/44	✓	✓		**4 port + 4 PoE port switch.** Switch with 8 ports, 4 of which PoE ports.
1039/50		✓	📷	**IP/riser gateway.** Allows interfacing of IP backbone with riser. DIN rail mount (10 DIN mod.).
1039/56		✓		**Bluetooth programming device.** Interface for programming riser devices from mobile or PDA. Adapter cable included.
1039/61		✓		**Apartment alarm interface.** Interfacce board for installation inside URMET control modules 1061/004 and 1061/006.
1039/69		✓		**Video Server for IPerVoice.** Allows connection of 4 conventional cameras. Image stream is sent over IP bus and viewed on installation devices (monitor, exchanges).
1060/74	✓	✓		**Outdoor station with buttons - Sinthesi Steel, Exigo and Titanium.** Sinthesi Steel design style (2 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.
1060/75	✓	✓		**Outdoor station with buttons - Sinthesi Steel, Exigo and Titanium - 60Hz.** Sinthesi Steel design style (2 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.
1039/78	✓			**Outdoor video station with buttons - Sinthesi S2.** Sinthesi S2 design style (2 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.
1039/81		✓		**Special IP - decoder.** Provides activation/deactivation of loads or other functions over IP backbone.
1039/82		✓		**IP reader on Sinthesi Steel.** Proximity key reader over IP bus.
1039/90	✓	✓		**IP outdoor cable. In ground CAT5 cable.** For use on common backbone. 100 m coil.
1039/100	✓	✓		**Package with 20 IP side RJ45 connectors.** Package with 20 RJ45 conneters with "URMET" marking for device for device connection. IP compatible.
1039/101	✓	✓		**Package with 20 riser side RJ45 connector.** Package with 20 RJ45 connectors with "NO LAN" marking for IPerVoice riser device connection.
1060/82	✓			**Sinthesi Steel IP proximity key reader.**
1060/84	✓			**Special IP - decoder.** Provides activation/deactivation of loads or other functions over IP backbone.
1139/2		✓		**IPerVoice doorphone.** Doorphone with Signo design style. Features 3 push-buttons and door opening push-button.
1740/95		✓		**IPerVoice bracket for Signo.**
1740/40		✓		**Signo monitor.** 4" TFT colour monitor with handset, white colour.
4501/5		✓	📷	**VoIP phone.** IP and PSTN double input. Table-top or wall installation.
1709/11		✓	📷	**CxModo monitor.** 7" TFT colour touch monitor with loud speaking unit. Surface wall mount.
1716/4		✓		**Aiko monitor.** 4,5" TFT colour soft touch monitor with loud speaking unit, white colour.
1717/31	✓	✓	📷	**Max IP terminal.** 7" TFT colour touch monitor with Home Automation functions. White colour.
1717/33	✓	✓		**Max IP terminal.** 7" TFT colour touch monitor with Home Automation functions. Black colour.
1717/41	✓	✓		**Max Lite.** 7" TFT colour touch monitor. White colour.
1717/52	✓	✓		**Table bracket for Max and Max Lite monitors.**
1060/611	✓	✓		**IP villa kit composed by 1 Max monitor, 1 Sinthesi Steel one-button entry panel and one 4 PoE + 4 LAN ports switch.**

2VOICE

1083/50

1083/55

1083/75

1083/40
1083/40C

1758/83

1083/64

1083/19
1083/19C

1083/78

BASE ELEMENTS

Ref	Description
1083/20A	**System power unit.** Used for 2Voice system. DIN rail mount (10 modules) 230 Vac, 50-60 Hz 68 Vdc output.
1083/50	**Riser interface.** Device used to decouple risers in complex 2VOICE installations. Provisions for DIN rail mount (10 modules).
1083/55	**4-user distributor.** Floor distributor Connection for input bus, output bus and 4 apartment branches. Features short-circuit protected outputs. Dimensions (W x H x D): 45 x 1,5 x 16 mm | 1.78 x 0.06 x 0.63 in
1083/75	**Outdoor station interface.** Device used to connect up to 4 master push-button panels in 2Voice systems. Provisions for DIN rail mount (10 modules).
1083/76	**Expansion for Main Entry panel.** Device used to connect up to 16 common entry panels in 2VOICE systems. Provision for DIN rail mount (10 modules).
1083/90	**2Voice cable. 100 m coil.** Cable for 2VOICE system. 2x1 sq mm. 6,5 mm outer diameter 100 m coil.
1083/92	**2Voice cable. 200 m coil.** Cable for 2VOICE system. 2x1 sq mm. 6,5 mm outer diameter. 200 m coil.
1083/40 1083/40C	**Concierge station.** Features alphanumeric control panel, display and receiver. For typical gatekeeper service Day/night mode operation. Can be combined with 1732/41 colour video and 1732/92 bracket. Ref. 1083/40 (4 digit) - Ref. 1083/40C (6 digit)
1083/67	**2VOICE-PSTN interface and video** 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. The video is supplied on a coax-type output for connection of compatible terminals. the interface can be programmed in two modes: "indoor station" or "call forwarding" as an aid to the 110/40 gatekeeper lodge exchange. • Power supply: 110/230 Vac with power supply provided with kit • Size: 10 DIN modules • Size of Power Supply: 1,5 DIN modules
1083/69	**CCTV Interface. 4 cameras, V.P.E. connection** 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. The video is supplied on a coax-type output for connection of compatible terminals. 4 different cameras. Each input can be activated individually by an alarm control. The product is compatible with the the 2Voice system and replaces the 1038/69 board. To use with the outdoor station ref. 1083/78 and 1083/19.
1783/69	**CCTV Interface, 4 cameras, Bus connection** This device enables connecting 4 control cameras on the Data Bus on the 2VOICE system 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

Ref	Description
1758/40	**Sinthesi Steel module with colour 50 Hz camera.** Colour camera module provided with sliding terminals and lighting unit. The lighting unit can be disabled by a micro-switch. Wide angle colour camera (120°). May be used in analogue, coax, 5-wire and digital systems. To use with digital call module ref. 1083/14.
1748/40	**Sinthesi S2 module with colour 50 Hz camera.** Colour camera module provided with sliding terminals and lighting unit. The lighting unit can be disabled by a micro-switch. Wide angle colour camera (120°). May be used in analogue, coax, 5-wire and digital systems. To use with digital call module ref. 1083/19.
1758/83	**Sinthesi Steel camera module.** 2Voice camera module (1 module). Colour camera with LED lighting. Recessed mount box, frame and trim not included.
1748/83	**Sinthesi S2 camera module.** 2Voice camera module (1 module) for 1083/74 module. Colour camera with LED lighting. Recessed mount box, frame and trim not included.
1083/80	**Outdoor audio station for Exigo design line.** For use in combination with 1038/17 modules (one every 16 users)
1083/19 1083/19C	**Sinthesi S2 digital call module with control panel for 2Voice.** Size equivalent to 2 Sinthesi S2 modules. Features alphanumeric control panel, arrow keys to select names from electronic director, 2 line16-character display. Bluetooth interface for programming from mobile phone/smartphone/PDA. Can be combined with camera to set up video call stations. Ref. 1083/19 (4 digit) - Ref. 1083/19C (6 digit)
1083/74	**Sinthesi S2 audio module.** 2Voice audio module (1 module). Features 2 call keys, loudspeaker and microphone. Controls 7 door opener outoputs for pedestrian gate or driveway. Recessed mount box, frame and trim not included.
1083/64	**Sinthesi Steel audio module.** Same specification as ref. 1083/74, Sinthesi Steel style.
1083/78	**Outdoor video station - Sinthesi S2.** On 2 modules; features 2 call keys, colour camera with LED lighting, loudspeaker and microphone with provision for connection up to 5 outdoor cameras.
1083/9	**Loudspeaking unit module.** One input for additional surveillance camera.

2 voice

1183/5

1183/7

1716/1

1716/2

1717/12H

1750/1

1750/6

OUTDOOR STATIONS

1083/15 1083/15C	**Elekta call module for 2Voice system.** Glass frontal with soft touch technology. 3,5" TFT color monitor with alphanumeric keyboard and proxy key reader built-in. Requires Sinthesi 3-modules emebedding box 1145/53. Ref. 1083/15 (4 digit) - Ref. 1083/15C (6 digit).
1083/25	**Elekta call module for 2Voice system - 60Hz.** Glass frontal with soft touch technology. 3,5" TFT color monitor with alphanumeric keyboard and proxy key reader built-in. Requires Sinthesi 3-modules emebedding box 1145/53
1083/16	**Elekta Steel vandal-proof call module for 2Voice system.** 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.
1083/27	**Elekta Steel vandal-proof call module for 2Voice system - 60Hz.** 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.

INDOOR STATIONS

1183/5	📷	**Mìro doorphone.** Comfort doorphone for 2Voicesystem. Features door opener push-button and 3 additional push-buttons.
1183/7	📷	**Mìro hands-free door phone.** Doorphone for 2VOICE system. Features door opener push-button and 3 additional push-buttons.
1716/1	📷	**Aiko monitor for 2VOICE. Black.** Recessed or surface wall mount with dedicated box with frame 1716/61, black.
1716/2	📷	**Aiko monitor for 2VOICE. White.** Recessed or surface wall mount with dedicated box with frame 1716/61, white.
1717/12H	📷	**Modo monitor.** 7" TFT colour touch screen monitor with loudspeaking unit and suitable for IPerHome system. Surface wall mount.
1750/1	📷	**Mìro colour monitor and 2VOICE bracket kit.** Includes Signo colour monitor 1740/40 and 2Voice bracket 1740/83.
1750/5		**Mìro hands-free monitor.** 4,3" 16:9 colour monitor, recessed or surface wall mount. Black colour.
1750/6	📷	**Mìro hands-free monitor.** 4,3" 16:9 colour monitor, recessed or surface wall mount. White colour.
1750/50		**In-out connection adapter for 2Voice system.**
1750/51		**Frame for Mìro videodoorphone.**
1750/52		**Table kit for Mìro handsfree.**
1750/60		**Flush-mounted kit for Mìro hands-free for ref. 1750/5 and 1750/6.**

ACCESSORIES

1083/80	**Special 2Voice decoder.** Provisions for DIN rail mount (6 modules).
1083/17	**16 Button expansion module for digital systems.** For expanding the number of call buttons. Each 1083/17 module can manage up to 16 calling buttons and may be connected to each other in a cascade.

KIT

1783/704	**2Voice system base kit with Sinthesi S2 panel.** Includes Sinthesi S2 audio module with 2 buttons 1083/74, Sinthesi S2 camera module 1748/83 and power unit 1083/20A.
1783/703	**2Voice system base kit Sinthesi Steel with digital call module.** Includes Sinthesi S2 audio module with digital call module 1083/19 and power unit 1083/20A.
1783/705	**2Voice system base kit with Sinthesi Steel panel.** Includes Sinthesi Steel audio module with 2 buttons 1083/64, Sinthesi Steel camera module 1758/83 and power unit 1083/20A.
1783/706	**2Voice base kit - Exigo.** Includes audio module 1083/8 for Exigo, Exigo Digital and Titanium range, camera module for 2Voice systems 1810/40 and power supply 1083/20A.
1783/707	**2Voice base kit with digital call module - Sinthesi Steel.** Includes digital call module, display 1083/14 and power supply 1083/20A.
1783/708	**2Voice riser kit.** Includes Sinthesi S2 audio module 1083/74 with 2 buttons, column interface 1083/50 and power supply 1083/20A.
1783/709	**2Voice riser kit - Sinthesi Steel.** Includes Sinthesi Steel audio module 1083/64 with 2 buttons, column interface 1083/50 and power supply 1083/20A.
1783/718	**2Voice secondary video column kit - Sinthesi S2.** Includes Sinthesi S2 external audio unit 1083/74, 1748/83 camera module, 1083/50 column interface and 1083/20A power supply.
1783/719	**2Voice secondary video column kit - Sinthesi Steel.** Includes Sinthesi Steel 1083/64 external audio unit, 1758/83 camera module, 1083/50 column interface and 1083/20A power supply.
1183/602	**2Voice 2-family audio kit- Sinthesi S2.** Includes Sinthesi S2 external audio unit with 2 buttons 1083/74, two 1183/5 Mìro doorphones with handset, 1083/20A power supply, 1145/51 one-module flush mounting box and 1148/61 one-module frame.
1183/603	**2Voice 2-family audio kit - Sinthesi Steel.** Includes Sinthesi Steel external audio unit with 2 buttons 1083/64 , two 1183/5 Mìro doorphones with handset, 11083/20A power supply, 1145/51 one-module flush mounting box and 1148/61 one-module frame.

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