VIMAR

The new IP video door entry system.

Open to the future.

IP video door entry systems:
open the door to the future.

From listening to market needs come new products using forward-thinking technologies, designed to specifically respond to precise needs. Like the IP technology used in video door entry systems, supporting scalable solutions and introducing new products and new advanced functions such as remote management of video door entry functions from your smartphone with the special Vimar app. These are the assumptions on which the new Tab 7 is based, now also available in the advanced version with built-in Wi-Fi. Solutions embracing innovation while keeping a close eye on design, perfectly adapting to the needs of both small homes and large building complexes.

IP technology: intelligent and advanced, with a whole load of advantages.

A system based on IP technology that overcomes the limits of conventional video door entry systems: performance is enhanced, audio/video communication between indoor and outdoor units becomes multiple and contemporary, the number of users potentially infinite. All this is made completely simple, also through the use of existing LAN networks, without laying any specific wiring.

Scalability and great versatility.

The IP video door entry system was designed to respond in the simplest way to the needs of all kinds of buildings: from single homes to large residential complexes.
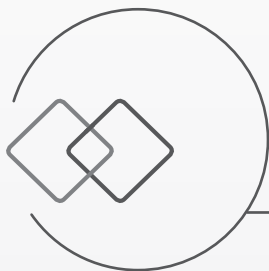
Interfacing with existing systems.

The IP technology makes it possible to incorporate the video door entry systems into other existing IP systems, expanding the potential applications. For example, with the Elvox IP CCTV system, or third party SIP devices.
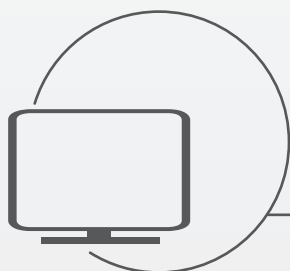
Constant and safe remote control.

IP technology offers advanced video door entry functions and if the system is connected to the internet (for example via a VPN connection), the system parameters can be accessed remotely for maintenance, management and diagnostics.
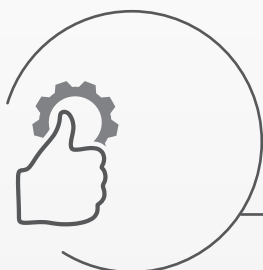
Simple and intuitive installation.

Self-configuring for the kit version or configurable via the Video Door IP Manager software on a PC for the simple and complex installations, all simplified by an autodiscovery function for Elvox IP video door entry devices. Installation is always quick and functional, supporting the needs of professionals.

Total reliability.

The system data is replicated on the different devices, ensuring constant system operation. Everything is guaranteed to be controlled efficiently at all times, and in the event of a system failure service is restored in just a minute.
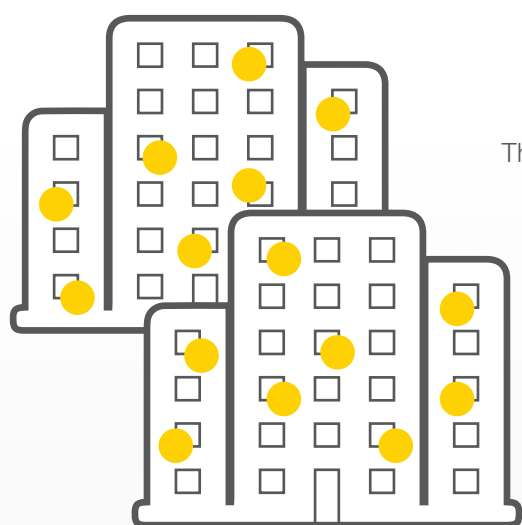
IP technology: multiplies the solutions and possibilities for dialogue.
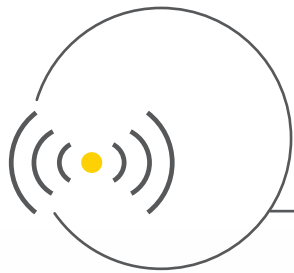
Full coverage.

Performance is enhanced, and the audio and video signal quality is guaranteed and protected, whatever the size of the building complex. For efficient, high-performance communication, 24-7.

ENTRANCE
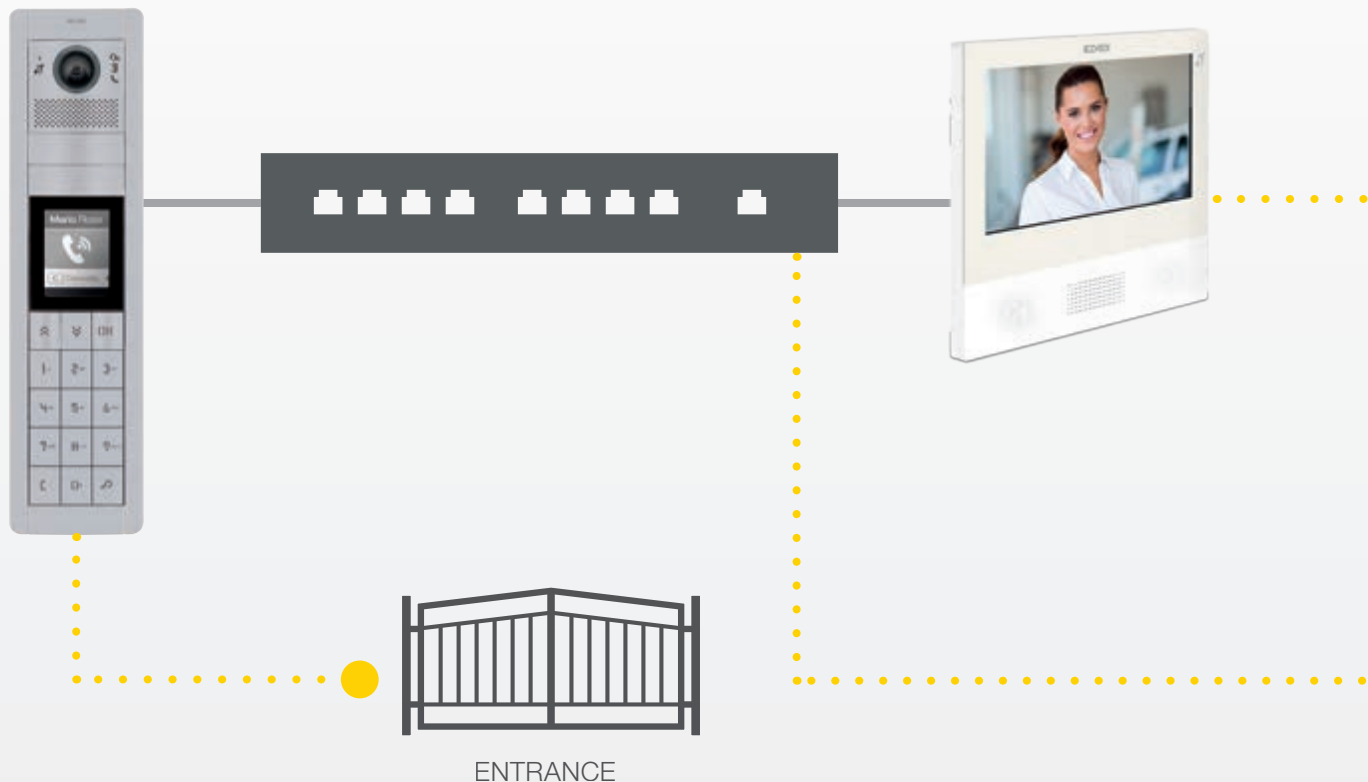
Accessible anywhere
by smartphone and tablet.

The Video-Door app can receive the video call, view
the video surveillance cameras or open the door,
directly from your smartphone or tablet,
wherever you are.

LARGE BUILDING COMPLEX

Incomparable
expansion.

With IP technology, the video door
entry systems can be expanded
to include a large number of
users. Expansions are as easy as
installations: quick and functional by
using existing or shared
dedicated LAN networks.

RECEPTION SWITCHBOARD

IP range products: aesthetics and functions discover a new vision.

IP technology video door entry systems extend the Pixel and Pixel Heavy range with a new electronic audio/video unit which, combined with conventional installation, creates different modular compositions, and the new Tab 7 video door entry unit with 7" LCD display in the Tab 7 version and Tab 7S with built-in Wi-Fi, with its minimalist, elegant design suited to any interior decor style.

Complete, high-performing product range.

Outdoor entrance panels and indoor video entry phone units. The IP technology product range covers all functional and installation needs, offering high-level performance to satisfy the needs of any kind of structure.
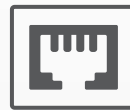
PoE power supply flexibility and comfort.

The devices are powered directly via the LAN network Ethernet cables, connected to the PoE ports on the switches. In this way, installation is quicker and more flexible, as no specific power supplies are required.

Quick and simple installation.

The video door entry units can be table-mounted using a special accessory, surface-mounted on a metal plate that is compatible with 2-module round mounting boxes, 3-module rectangular mounting boxes (both horizontally and vertically) and 4+4 modules. The electronic IP audio/video unit works with the electronic expansion units and installation elements in the Pixel and Pixel Heavy series.

New Video Door app
for total connectivity.

The Video Door app is immediate and intuitive, and is used to manage video door entry system functions from your smartphone and tablet. With the built-in Wi-Fi in the Tab 7S, you can use the app to access calls from the entrance panel, make intercom calls, open the lock, and enable auxiliary services - switch on the stair lights or the irrigation system, send and receive text messages or consult recorded messages. The Tab 7S video door entry unit can also be connected to video surveillance cameras, to monitor and view external and internal areas with extreme reliability. The Video Door app is available on Vimar site or Apple or Google Play stores, and thanks to the intuitive and easy interface, it enables the configuration of the smart device (smartphone or tablet), following the instructions step-by-step and through the scan of the QR code, visualized in the screen of the video entryphone, without modifying the settings of the router or subscribe others configuration services.

Available on the **App Store**

GET IT ON **Google Play**

Guided configuration of Video Door app by the Qrcode scan displayed in your video entryphone.
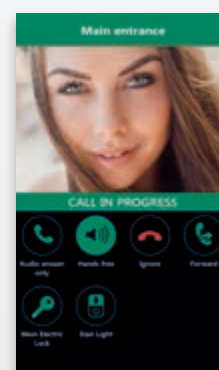
The app presents clearly and intuitevely by means of icons, the functions available.

Pixel and Pixel Heavy IP: modular, versatile and even more innovative.

Attractive and versatile, with a slim, modern design. Just 10 cm wide, it can easily be installed without compromising on either design or technological quality. Highly modular, the installation can be fully customised by matching buttons with different technologies and a 3.5" LCD colour display. In four colour variants: grey, slate, white and anodised grey for Pixel and sable grey for Pixel Heavy, which is designed to stand up even better to knocks and bad weather conditions, today Pixel guarantees even more advanced and high-performing functions thanks to the new electronic audio/video unit with IP technology.

New IP audio/video module
with even better performance.

Perfect video images thanks to:

- **Wide-angle camera** (viewing angle 104° H x 83° V).
- **Automatic image adjustment** depending on the brightness in the recording area.
- **Zoom & Pan**, remote controlled by the Tab 7S IP, if the speaker is not standing perfectly in front of the entrance panel, the function allows you to select the part of the image to view directly on the indoor monitor during the conversation.

Perfect audio reproduction with:

- **Full duplex communication** with echo canceller.
- **Adaptive Noise Compensation:** the microphone level adjusts automatically according to the ambient noise, to ensure perfect talking and listening volume.

PIXEL

PIXEL HEAVY

Accessibility for hearing impaired users:
thanks to details like the **built-in teleloop, voice synthesis and LED indicators.**

PoE power supply
supplied by the PoE switch directly from the **LAN connection port.**

Total modularity.

Pixel can be composed as desired with 1, 2 or 3 vertical and horizontal modules, for compositions with up to 9 modules, always responding to the most demanding installation needs.

Versatile installation.

Audio and audio/video units, expansion modules with pushbutton module, 3.5" display and alphanumeric keypad - these are the expression of intelligent, innovative technology, offering the added advantage of perfect customisation.

Simple and functional installation.

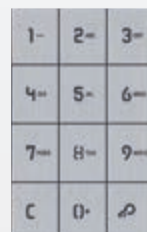Designed to support professionals and make programming and maintenance easier.

Access control modules.

The expansion modules, alphanumeric keypad and transponder are connected to the LAN network without the need for a dedicated gateway, for perfect access control.

Alphanumeric keypad

Transponder

TAB 7 IP and TAB 7S IP: advanced and constantly connected.

The new Tab 7, with its modern and elegant design, comes in two versions: Tab 7 base and Tab 7S with built-in Wi-Fi, for remote management from a smartphone or tablet or using the Video Door app. The advanced version Tab 7S comes with a wide, 7" LCD colour display, capacitive keyboard and touch screen monitor. Available in black or white.

7"

Colour LCD display: high-level visual performance.

Tab 7 comes with a 7" LCD colour display to guarantee even broader and clearer image viewing.

Modern design.

Elegant, in two colour variants: black and white, slim profile and minimum stand-out from the wall. Modern and easy to combine, they enhance any interior design style.

Functions: monitoring of the IP video cameras connected to the home automation system.

Opening the gate or entrance door, simply by pressing a button.

Switching the lights on, or activating other functions such as the irrigation system in the garden, etc.

Communication with reception to warn, for example, of a guest or package on its way.

Capacitive keypad and visual call indicators.

Tab 7 units have a capacitive keypad with Soft-Touch technology for the main functions (reply and door opening). And when the symbol is pressed a visual (backlighting) and acoustic (control tone) feedback confirms the command.

Touch screen display for advanced control.

The Tab 7S IP version has a touch screen display, allowing you to control all the functions directly from the screen.

Accessibility supporting every single need.

Tab 7 is equipped with an internal coil for use even by hearing aid wearers and with touch-sensitive aids to facilitate the sight-impaired to identify the main commands.

Alert **messages sending**.

With Tab 7, it is possible to send a priority request of support to the reception workstation. This function is available only for system where the reception switchboard is installed.

Touch screen

ADDITIONAL FUNCTIONS OF
TAB 7 IP

ADDITIONAL FUNCTIONS OF
TAB 7S IP

- **Graphic OSD**, 5 soft-touch buttons for surfing the menus and enabling services (such as intercom calls).
- Up to **10** recordable video answering machine messages.
- **Receipt of text messages** from reception switchboard or other TAB 7S IP video door entry units.

- **Built-in Wi-Fi connection.**
- **Touch screen display.**
- **Clear, intuitive and customisable graphic interface** to control all the video door entry functions simply and intuitively (to manage calls, contact list and favourite contacts). Possibility to move icons from the screen using the "drag and drop" function.
- **Remote management** of video door entry functions from your smartphone / tablet via the built-in Wi-Fi and the Video Door app.
- **Up to 100** recordable video answering machine messages.
- **Sending and receipt** of text messages to and from the reception switchboard or other TAB 7S.

Reception switchboard on PC:
a precise and reliable welcome.

The reception switchboard can be used via web browser without being installed on the PC, it is the very core of the control functions and can coordinate the communication flows between different units to perfection. It ensures continuous, intelligent and advanced call management, even in large residential complexes.

Intuitive and immediate.

The graphic interface makes the instrument extremely user-friendly, also compatible with touch screen PCs.

Guaranteed continuity of service in the event of failures or PC theft.

The software is App web-based, so is accessible and usable from the web, is not installed on a PC and is therefore independent from any device.

Multi-call management.

It can manage several calls at the same time, with caller preview, call hold and forwarding to the required extension functions.

Video answering service.
It is possible the exchange and viewing of the recorded messages from the entrance panels in case of missed reply of the reception desk.

Management **of text messages.**

Used by reception to send and receive text messages with or without images. The messages can be sent to single users, groups or in broadcast (for service notices sent to all tenants).

Monitoring of IP cameras.

The graphic interface makes viewing simple, with Elvox IP CCTV range or other cameras.

Simultaneous updating

of Web App and configuration in a single tool, Video-door IP Manager.

Multi-switchboard service with constant assistance.

The IP system can manage several porter switchboards at a time, each one managing a specific zone, both in terms of time slots and users managed.
The system can also be configured to allow different switchboards to replace each other effectively.

General contents
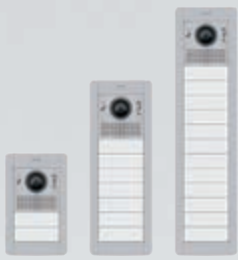
IP video door entry system: selection guide

Video entrance panels

	Pixel				Pixel Heavy				
Installation	Flush/surface				Flush				
Call type chiamata	Buttons			Alphanumeric with electronic directory	Buttons				Alphanumeric with electronic directory
Design type									
Number of calls	**1 vertical module**	Double axial button (**41112**)	Up to 1	Up to 3	Up to 5		**1 vertical module**	Buttons in 1 row	Up to 2	Up to 7	Up to 12	
		Single axial button (**41110**)	Up to 2	Up to 7	Up to 12							
		Double row single rocker button (**41111**)	Up to 4	Up to 14	Up to 24			Buttons in 2 rows	Up to 4	Up to 14	Up to 24	
	2 vertical modules	Double axial button (**41112**)	Up to 3	Up to 7	Up to 11	from 1 to N	**2 vertical modules**	Buttons in 1 row	Up to 2	Up to 7	Up to 12	from 1 to N
		Single axial button (**41110**)	Up to 7	Up to 17	Up to 27							
		Double row single rocker button (**41111**)	Up to 14	Up to 34	Up to 54			Buttons in 2 rows	Up to 4	Up to 14	Up to 24	
	3 vertical modules	Double axial button (**41112**)	Up to 5	Up to 11	Up to 17		**3 vertical modules**	Buttons in 1 row	Up to 2	Up to 7	Up to 12	
		Single axial button (**41110**)	Up to 12	Up to 27	Up to 42							
		Double row single rocker button (**41111**)	Up to 24	Up to 54	Up to 84			Buttons in 2 rows	Up to 4	Up to 14	Up to 24	

Pixel entrance panels are available in colour versions: grey (.01), slate grey (.02), white (.03) and anodized grey (.04).

Pixel Heavy entrance panels are available in the unique finishing of sable grey.

IP video door entry system: selection guide

Video door entry units

	TAB 7S IP	TAB 7 IP
Colour	- White - Black (.04)	- White - Black (.04)
Design type		
Surface-mounting installation	**40607** **40607.04** (with Vimar flush mounting box V71701 or V71303 or V71703 or V71318 or V71718)	**40605** **40605.04** (with Vimar flush mounting box V71701 or V71303 or V71703 or V71318 or V71718)
Table mounting	**40607+40195** **40607.04+40195**	**40605+40195** **40605.04+40195**

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IP video door entry system: general characteristics

Pixel video entrance panel

Flush mounting boxes
The boxes have reinforced side walls to prevent bending during installation and fixing points to strengthen the hold in the wall. Supplied as standard with antimortar (protective cover) and green protective adhesive clip for protection during installation.

Front modules
To match the electronic audio/video units, buttons, displays and alphanumeric keypads. They have steel captive screws for solidly fixing the electronic unit to the support. Available in grey, slate grey or white.

Rain guard
Frame to match the flush mounting box, available in 1 to 9 modules (3x3).

Electronic units
Electronic audio/video units, with wide-angle video camera with teleloop. Equipped with vertical hinges for easy insertion and fixing to the support.

Blank module
Single or double blank module for covering 1 or 2 button seats or blank module for covering the whole electronic unit.

Frame
The anodized aluminium frame IK08 and IP54 with 1 to 3 modules in 4 different finishes: grey, slate grey, white and anodized grey. Supplied with a support for completing the entrance panel with the electronic units.

Fixing nut
The steel nut built into the box ensures fast fixing of the frame.

Keys
Single (41110) or double (41112) axial button, rocker button (41111) or alphanumeric keypad (41119.xx) to match respectively the button- or keypad-operated electronic units.

Electronic expansion units
Units to match the electronic audio/video units, with call buttons, 3.5" LCD colour display with contact list, alphanumeric keypad and plate with street number or name holder and transponder.

Electronic unit connection cabling
Each electronic expansion unit is supplied with cabling for connection to the audio/video modules, it is also possible to create multiple connections in series, with the 485 mm long cabling (41190).

Support
The die-cast metal support has hinges for inserting/fixing the front modules and electronic units making up the entrance panel. It also has two protective guards (one front and one rear) to protect against water infiltration.
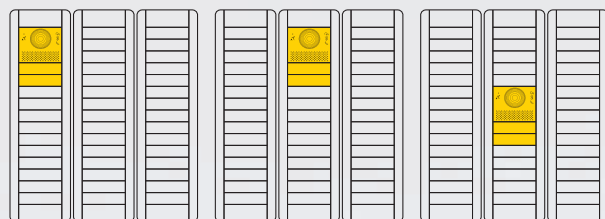
Modularity
Pixel allows you to set up different and customised combinations. Starting with one, two or three modules stacked vertically, as many as three horizontal rows can be created by combining up to nine modules.
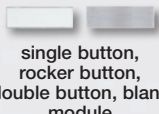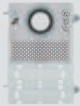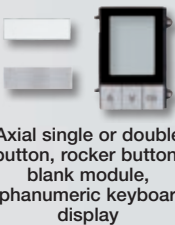
Installation in series and protected cables
The flush mounting boxes can be installed in series with quick and perfect alignment, using the spacers which not only keep the boxes joined firmly but also act as a cable outlet, thanks to the empty, hermetically sealed interior. They come with a cardboard antimortar cover to protect them during installation.

IP video door entry system: general characteristics

Pixel video entrance panel

Compositions	Boxes	Rainproof covers	Frames and cover plates	Electronic units	Front modules
1 module	flush mounting 98x143x50 mm surface mounting with rainproof covers	1 module	1 module	Audio/Video with wide-angle lens	for audio/video single button, rocker button, double button, blank module
2 modules	flush mounting 98x254x50 mm surface mounting with rainproof covers	2 modules	2 modules	Audio/Video with wide-angle lens with buttons, alphanumeric keyboard, 3.5" LCD display with electronic contacts list	for audio/video Axial single or double button, rocker button, blank module, alphanumeric keyboard, display
3 modules	flush mounting 98x365x50 mm surface mounting with rainproof covers	3 modules	3 modules	Audio/Video with wide-angle lens with buttons, alphanumeric keyboard, 3.5" LCD display with electronic contacts list	for audio/video Axial single or double button, rocker button, blank module, alphanumeric keyboard, display

IP video door entry system: general characteristics

Pixel Heavy video entrance panel

Flush mounting boxes
The stainless steel, tear-proof boxes are reinforced to prevent bending during installation. Protective antimortar cover supplied as standard.

Electronic units
Electronic audio/video units, with wide-angle video camera with teleloop. Equipped with vertical hinges for easy insertion and fixing to the support.

Front modules
To match the electronic audio/video units, buttons, displays and alphanumeric keypads. Made from zama, they have steel captive screws for solidly fixing the electronic unit to the support. Available in sable grey version.

Frame
The zama frame is supplied with a support for completing the entrance panel with the electronic units. Available with sable grey finish, from 1 to 3 modules, along with the front modules it has protection rating IK10 and IP54 to withstand knocks and bad weather conditions, ideal for installation in saline environments.

Support
The zama support has hinges for inserting/fixing the front modules and electronic units making up the entrance panel. It also has two protective guards (one front and one rear) to protect against water infiltration.

Electronic expansion units
Units to match the electronic audio/video units, with call buttons, 3.5" LCD colour display with contact list, alphanumeric keypad and plate with street number or name holder.

Electronic unit connection cabling
Each electronic expansion unit is supplied with cabling for connection to the audio/video modules, it is also possible to create multiple connections in series, with the 485 mm long cabling (41190).
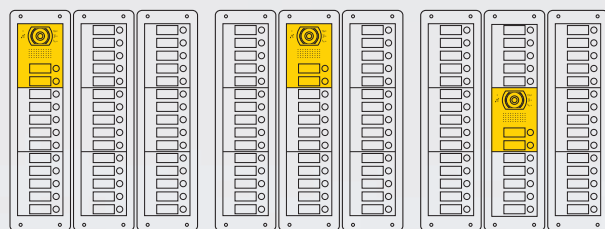
Modularity
Pixel Heavy allows you to set up different and customised combinations. Starting with one, two or three modules stacked vertically, as many as three horizontal rows can be created by combining up to nine modules.

Installation in series
The flush mounting boxes can be installed in series with quick and perfect alignment, using the spacers which keep the boxes joined firmly. They come with a cardboard antimortar cover to protect them during installation.

IP video door entry system: general characteristics

Pixel Heavy video entrance panel

Compositions	Boxes	Frames and cover plates	Electronic units	Front modules
1 module	flush mounting 82,4x144x50 mm	**1 module**	Audio/Video with wide-angle lens	for audio/video
2 modules	flush mounting 82,4x256,5x50 mm	**2 modules**	Audio/Video with wide-angle lens	for audio/video
			with traditional buttons, alphanumeric keypad, 3.5" LCD display with electronic contact list	with traditional buttons, blank module, for alphanumeric keypad, for display
3 modules	flush mounting 82,4x369x50 mm	**3 modules**	Audio/Video with wide-angle lens	for audio/video
			with traditional buttons, alphanumeric keypad, 3.5" LCD display with electronic contact list	with traditional buttons, blank module, for alphanumeric keypad, for display

IP video door entry system: general characteristics

Tab 7S IP video door entry unit

VIMAR

7" LCD display

Built-in Wi-Fi
for remote management from smartphone and tablet with the **Video Door app.**

Accessibility
The video door entry unit has a series of functions for hearing aid wearers.

7" LCD display
Touch screen display with 800x480 pixel resolution, 16 million colours.

Shiny finishing
of the display in white or black versions

Touch screen

Capacitive keypad
with backlit buttons for rapid video door entry functions: talk/listen, door unlocking and self-start.

Hands-free
Large speaker for hands-free communication and call ringtones.

Menu
Functions and settings that can be set directly by the user surfing the menus in the touch-screen display.

App **Video Door** available on Vimar site or Apple and Google Play stores

Available on the **App Store**

GET IT ON **Google Play**

IP video door entry system: general characteristics

Tab 7 IP video door entry unit

7" LCD display

7" LCD display
Screen with 800x480 pixel resolution, 16 million colours.

Capacitive keypad
with backlit buttons for rapid video door entry functions: talk/listen, door unlocking and self-start. 5 configurable buttons for: intercom calls and enabling of auxiliary services (such as switching on the stair lights).

Accessibility
The video door entry unit has a series of functions for hearing aid wearers.

Shiny finishing
of the display in white or black versions

Hands-free
Large speaker for hands-free communication and call ringtones.

Installation types
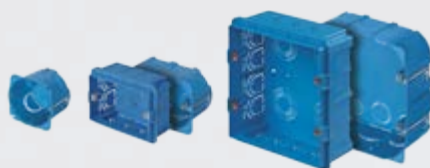
	Surface mounting	Table mounting
Fixing plate supplied as standard with the video door entry unit	**With boxes** V71701 / V71303 / V71703 / V71318 / V71718	**With base** 40195
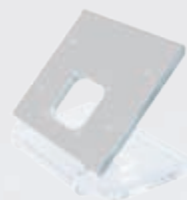
IP video door entry system: self-configuring kit

Single-family video entry system kit

Kit for the realization of a video door entry system for a single family with IP technology.
The kit contains:
• Hands-free video entryphone with 7" LCD colour screen, capacitive keyboard and touch-screen display for video door entry system functions: talk/listen, door unlocking, self-start, call transfer, auxiliary services (e.g. stair lights), mute and intercom calls. With integrated Wi-Fi for the remote control of the call with the Video Door app.
• a Pixel series 1-module audio/video entrance panel, with IP audio/video electronic unit 41006 with wide-angle colour camera with automatic brightness adjustment, teleloop facility for hearing aids, echo canceller function, automatic sound balancing, automatic loudspeaker level control, automatic microphone level control, 4 call buttons backlit with white LEDs with photocell lighting control, call status indicator LED, electric lock control. Complete of cover plate and mounting frame 41131.01, frontal module grey 41104.01, single button 41110, blank button 41113.01 and mounting box 9191.

Conformity to Standards

EMC Directive, EN 60065, EN 61000-6-1,
EN 61000-6-3 e EN 60118-4 Standards.

Technical specifications

Video door entry kit for video door entryphone and entrance panel/lock connection via dedicated IP network, call transfer via Video Door app with smartphone (not supplied). Connection with Ethernet cable, RJ45 interface (not supplied).
PoE power supply.

Available on the App Store

GET IT ON Google Play

Video door app

Immediate and intuitive app that enables video door entry system functionsfrom smartphone and tablet. Thanks to the integrated Wi-Fi on the video entryphone Tab 7S, by means of the app it is possible to access calls from the entrance panel, make uintercom calls, open the lock, enable auxiliary services (switch on the stairs lights, the irrigation system, etc.) send and receive text messages and consult the recorded one. Thanks to the intuitive and easy interface, it enables the configuration of the smart device (smartphone or tablet), following the instructions step-by-step and through the scan of the QR code, visualized in the screen of the video entryphone, without modifying the settings of the router or subscribe others configuration services. It is available on Vimar site or Apple and GooglePlay stores.

Tab 7S IP - Information and functions

Header: user name, date and time.

Settings configurable by the user: user name, device ID name, interface language, date and time (automatic or manual), display and button backlighting brightness, ringtones, volumes, video answering machine message and call options.

Calls log: list of calls, incoming and outgoing, rejected answers and lost calls.

System contact list:
• Home: user video entryphones.
• Favourites: contacts selected by the user for quick accessory from the Favourites Menu.
• Users: other system users.
• Accessible entrance panels in the system.
• CCTV video cameras configured for access from the video entryphone.
• Reception switchboard stations contactable from the video entryphone.
• Actuations installed in the system the user has access to; for implementing functions such as lock opening or switching on service lighting.

Messages: list of text messages received and sent.

Video messages: list of audio and audio-video messages recorded by the video-answering machine service.

Favourites menu: according to the type of contact it is possible, for example, to start a call or a self-activation, enable an actuation, view the images recorded by a CCTV video camera.

Quick settings menu: access to main controls: ringtone volume, display brightness, activation/deactivation of video answering machine services.

State: views and is used to set the user state "Online" or "Do Not Disturb". In "Do Not Disturb" all calls are refused and, if active, the video answering machine cuts in. In "Online" the calls are notified.

Connexion diagram of the kit

Tab 7S IP video entryphone
40607

Internet

K

Switch PoE not supplied

Cable

Pixel serie entrance panel
41131.01+ 41006

P

L
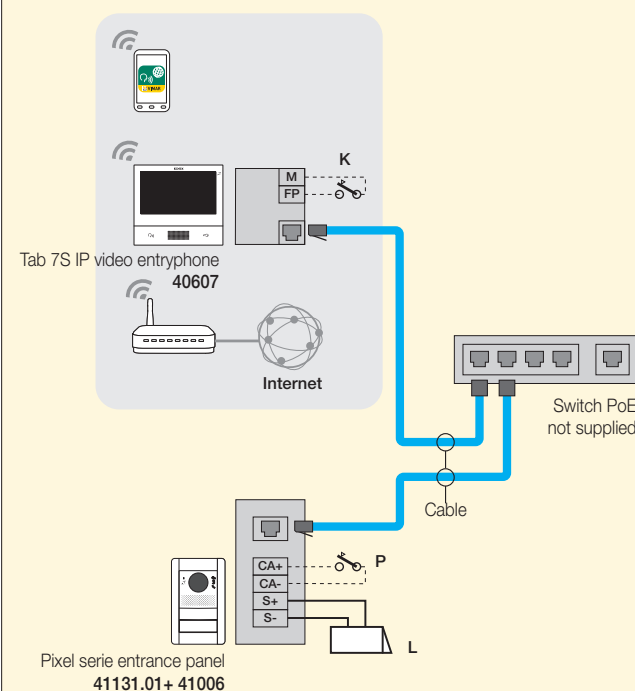
K: Oudoor call push buttons;

L: 12 V electric lock;

P: Open door command.

IP video door entry system: self-configuring kit

Single-family video entry system kit

▲ **K40607.01** IP single-family kit, contains:
- 1 hands-free video door entryphone Tab 7S IP Wi-Fi 40607, white with integrated Wi-Fi for the remote control of the call on smartphone;
- 1 1-module entrance panel Pixel series 41131.01 grey with mounting frame,
- 1 audio/video colour wide-angle electronic unit 41006,
- 1 audio/video front module 41104.01 grey,
- 1 mounting box 9191

▲ K40607.01

App **Video Door** available on Vimar site and Apple and Google Play stores

IP video door entry system: Pixel and Pixel Heavy series

Electronic units

Audio/video electronic unit with wide-angle camera and tele-loop for the IP technology installations, to be completed with all modules and accessories of Pixel and Pixel Heavy series (except the electronic unit with fingerprint reader 41016).
The electronic unit is programmed via the Video-Door IP Manager software.

Conformity to Standards

EMC Directive
Standards EN 60065, EN 61000-6-1, EN 61000-6-3 e EN 60118-4.

41006 - Main specifications

- Electronic unit for audio/video entrance panel composition.
- Colour video camera with Full D1@25 Fps resolution and white LED lighting in the recording area with automatic brightness adjustment according to the ambient light.
- Zoom&scan camera mode, controlled directly from the indoor unit.
- 2 picture control modes: standard and portrait enhanced.
- Automatic gain on the speaker power output.
- Echo canceller, to eliminate the Larsen effect.
- Twilight function for automatic brightness adjustment according to the ambient light.
- 4 traditional call buttons to the indoor units in two rows (2+2).
- Possibility to manage up to a maximum of 84 calls with buttons, using additional modules 41010.
- Electric lock control connected directly to the electronic unit.
- Possibility to connect a local button to open a lock or a "Door open" indicator sensor.
- Possibility for basic configurations using the 4 front call buttons and relative 4 indicator LEDs.
- Front LEDs for signalling: call in progress/communication active; lock control activation; communication failed due to line busy.
- Hearing-impaired function for hearing aid wearers.
- Power supply: PoE class 0, from Ethernet network.
- Output for activating an electric lock (peak current IT > 1 A for 10 ms after which a maintenance current IM= 200mA remains active for the whole duration of the lock control).
- Protection rating IP54.
- Protection rating against knocks IK08 (Pixel), IK10 (Pixel Heavy).

Technical data		41006
Power supply from Ethernet network		PoE, class 0 (IEEE 802.3-2012)
Network interface		RJ45 Ethernet 10/100 Mps (certified)
Recording angle	horizontal	104°
	vertical	83°
Opening at 1 m	horizontal	2.6 m
	vertical	1.8 m
Absorption in operation		10 W
Max. absorption in operation (with 8 additional modules, in conversation and lock active)		500 mA
Operating temperature		from -25° to +55° C

Camera recording area for 41006
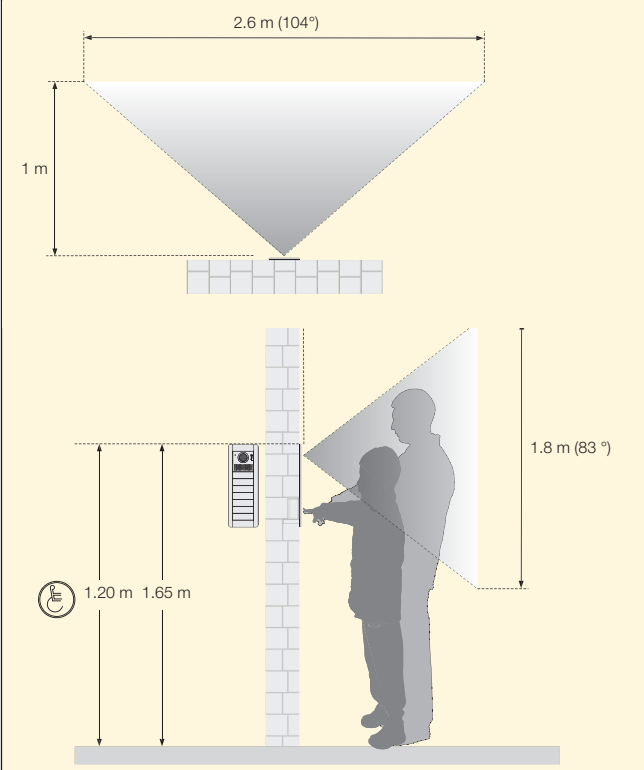
Buttons and terminal bar connection

A) Camera and LED for recording area lighting.
B) Michrophone.
C) Loudspeaker.
D) LED for signallings.
E) Call buttons.
G) Extractable connection terminal bar
H) Connector for connecting electronic unit to expansion units by cable.
I) RJ45 connector.

▲ New article
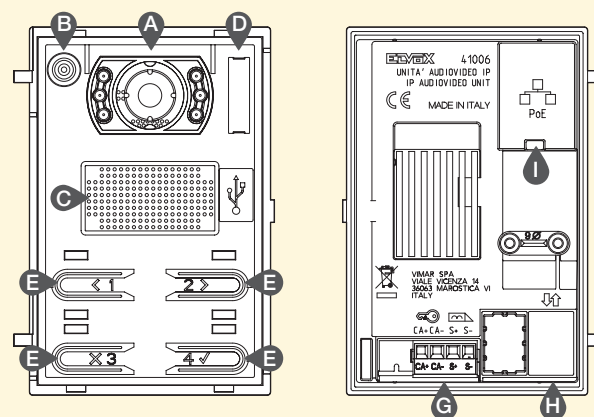
IP video door entry system: Pixel and Pixel Heavy series

Electronic units

▲ **41006**   IP audio/video electronic unit with wide-angle colour camera with automatic brightness adjustment, teleloop facility for hearing aids, echo suppression function, automatic sound balancing, automatic loudspeaker level control, automatic microphone level control, 4 call buttons backlit with white LEDs with photocell lighting control, call status indicator LED, electric lock control connected directly to S+ and S- terminals and connection of possible additional local button for lock opening to programmable CA+ and CA- terminals, electric lock control connected directly to S+ and S- terminals, power supply from PoE, to be completed with audio/video front modules and single, double or fixed buttons or blank modules

▲ 41006

VIMAR

IP video door entry system: Pixel and Pixel Heavy series

Expansion electronic units

The electronic expansion units must be connected to the audio/video units by adding call buttons, alphanumeric keypad, display with electronic contact list, backlit name holder or street number. The expansion units are supplied with cabling for connection in series with the electronic audio/video unit. For special module arrangements an additional cable 41190, length 485 mm, is available.

Conformity to Standards

EMC Directive
Standards EN 60065, EN 61000-6-1, EN 61000-6-3.

41010 - Main specifications

- Expansion unit with 10 traditional call buttons to indoor units in two rows (5+5).
- LEDs for white button backlighting.
- Cabling for connection to the electronic audio/video unit or another additional module.
- 2 connectors for connection to the modules.
- To be completed with: single axial button (41110), single rocker button (41111), double axial button (41112), or front blank modules (41113.0x, 41114.0x).

Technical data	41010
Power supply from electronic audio/video unit	5 Vdc
Max. absorption in operation	60 mA
Operating temperature	from -25° to +55° C

41017 - Main specifications

- Transponder reader.
- White LED backlighting.
- Possibility to record up to 2000 transponder cards.
- The unit can operate in connection with the audio/video unit 41006 or in stand-alone configuration with local 5 Vdc power supply.
- 1 NO relay output, with programmable activation time, to activate a lock or auxiliary services max 60 Vdc 1 A.
- Possibility to connect a local button to activate the relay output.
- Operating distance < 1 cm.
- Compatible with Vimar programmable transponder card 01598.
- To be completed with front display module (41117).

Technical data	41017
Power supply from electronic audio/video unit	5 Vdc
Max. absorption in operation	250 mA
Network interface	RJ45 Ethernet 10/100 Mps (certifified)
Operating temperature	from -25° to +55° C

Possibility for additional power supply 5 Vdc 250 mA.

Module connections

A) Audio/video electronic unit.
B) Expansion modules.
C) Cable supplied.
D) Cable 41190 (optional).

Connection to audio or audio/video electronic unit, positioned on the side (A)

Connection to audio or audio/video electronic unit, positioned on the centre (A)

▲ New article

VIMAR
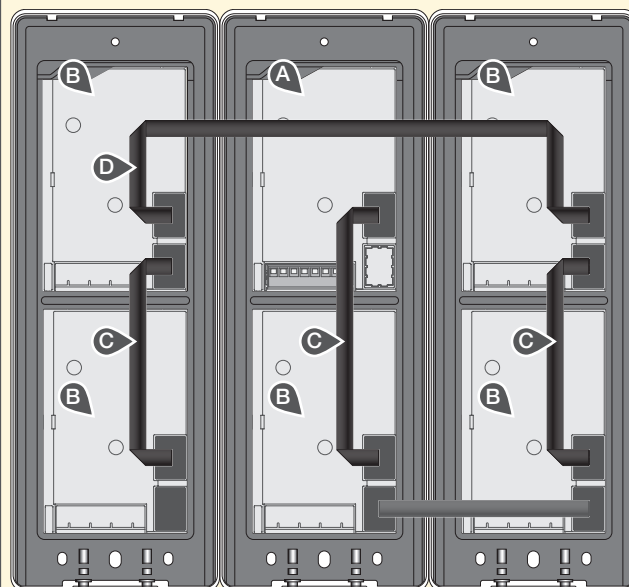
IP video door entry system: Pixel and Pixel Heavy series

Expansion electronic units

41010   Electronic unit with 10 buttons in two rows backlit with white LEDs, photocell and manual LED brightness adjustment via audio or audio-video units, complete with frame to be completed with single or double axial buttons, rocker buttons, fixed buttons

41015   Electronic unit with name panel backlit with white LEDs, photocell and manual LED brightness adjustment via audio or audio-video units, to be completed with name panel front cover module

41017   Transponder reader, white LED backlighting, 1 NO relay output, to complete with front module

41010   **41015**

41017

Connecting cable for electronic units

41190   Connecting cable for vertical and/or horizontal wiring of modules with integrated IP protection, length 485 mm
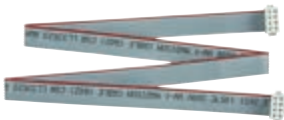
41190

IP video door entry system: Pixel and Pixel Heavy series

Expansion electronic units

Conformity to Standards
EMC Directive
Standards EN 60065, EN 61000-6-1, EN 61000-6-3.

41018 - Main specifications
- Expansion unit with 3.5" LCD display, resolution 320 x 480 pixel and 65 K colours.
- 3 buttons for navigation and calls from the electronic contact list.
- Electronic contact list.
- Cabling for connection to the electronic audio/video unit or another additional module.
- 2 connectors for connection to the modules.
- To be completed with front display module (41118.0x).
- Input for additional power supply 5 Vdc 220 mA.
- Possibility to connect a local button for opening the lock.

Technical data	41018
Power supply from electronic audio/video unit	5 Vdc
Max. absorption in operation	220 mA
Operating temperature	from -10° to +55° C

Possibility for additional power supply 5 Vdc 220 mA.

41019 - Main specifications
- Alphanumeric keypad unit for opening the lock using a code on the entrance panel. If connected to the display unit 41018, can also send calls to indoor units.
- 3 buttons for navigation and calls from the electronic contact list.
- Cabling for connection to the electronic audio/video unit or another additional module.
- 2 connectors for connection to the modules.
- To be completed with front keypad module (41119.0x).
- Possibility to connect a local button for opening the lock.
- 1 output for activating auxiliary services max 60 Vdc 1 A.

Technical data	41019
Power supply from electronic audio/video unit	5 Vdc
Max. absorption in operation	220 mA
Operating temperature	from -25° to +55° C

41020 - Main specifications
- Alphanumeric keypad unit for access controls.
- White LED backlighting.
- The unit is supplied with PoE or supplemetary 5 Vdc.
- 1 NO relay output, with programmable activation time, to activate a lock or auxiliary services max 60 Vdc 1 A.
- Possibility to connect a local button to activate the actuators.
- To be completed with front keypad module (41119.0x).

Technical data	41019	
Power supply	from Ethernet network or	PoE, class 0 (IEEE 802.3-2012)
	supplementary	5 Vdc
Network interface		RJ45 Ethernet 10/100 Mps (certified)
Max. absorption in operation		250 mA
Operating temperature		from -25° to +55° C

Possibility for additional power supply 5 Vdc 250 mA.

Module connections
A) Audio/video electronic unit.
B) Expansion modules.
C) Cable supplied.
D) Cable 41190 (optional).

Connection to audio or audio/video electronic unit, positioned on the side (A)

Connection to audio or audio/video electronic unit, positioned on the centre (A)

▲ New article
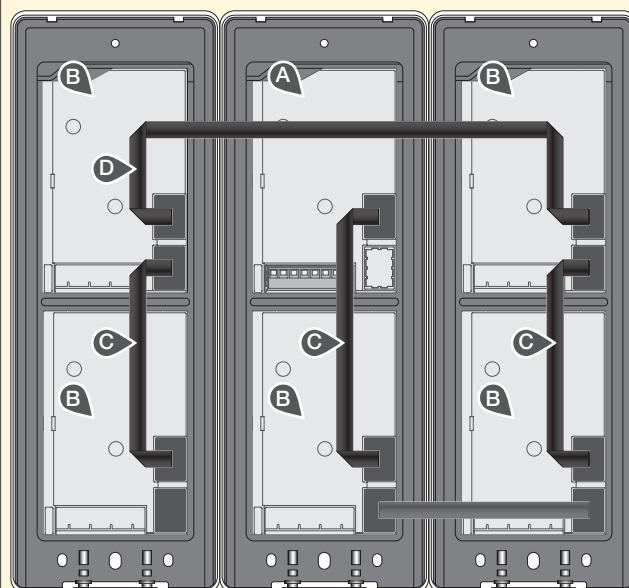
IP video door entry system: Pixel and Pixel Heavy series

Expansion electronic units

41018   Electronic unit with 3.5" display for audio or audio-video modules, 3 buttons for calls from contacts list backlit with white LEDs, 1 input configurable as external button for CA door opener or PA door open, to be completed with front display module

41019   Electronic unit with alphanumeric keypad for audio-video units, buttons with white LED backlighting and audible feedback, 1 input configurable as external button for CA door opener or PA door open, 1 N/O relay output, to be completed with front keyboard module

41020   Access control keypad, white LED backlighting, 1 programmable input as outer CA push button for door open or PA open door, 1 NO relay output, to complete with front module

41018   **41019**
    41020

Connecting cable for electronic units

41190   Connecting cable for vertical and/or horizontal wiring of modules with integrated IP protection, length 485 mm

41190

VIMAR
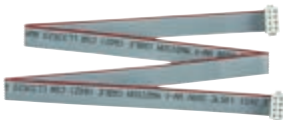
IP video door entry system: Pixel and Pixel Heavy series

Front modules - Pixel series

Pixel entrance panel consists of modular elements in combination with electronic units.

The main elements are: electronic units, expansion units, front modules for axial or rocker button, blank module, 3.5" LCD display with electronic contact list or alphanumeric keypad modules, frame, cover plate, rainproof cover, flush and surface mounting boxes with built-in rainproof cover.

Conformity to Standards

EMC directive
Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Installations

A) Cover plate.
B) Button modules (single, rocker, double), or blank modules.
C) Front modules for audio/video electronic units.
D) Audio/video electronic unit.
E) Expansion electronic unit.
F) Electronic unit support.
G) Rainproof cover.
H) Flush mounting box.
 I) Surface mounting box with built-in rainproof cover.

Flush mounting with rainproof cover
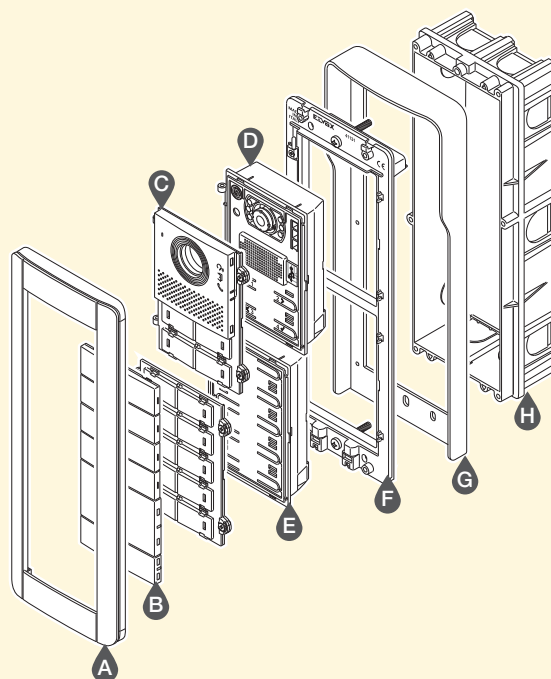
Surface mounting with built-in rainproof cover

▲ New article
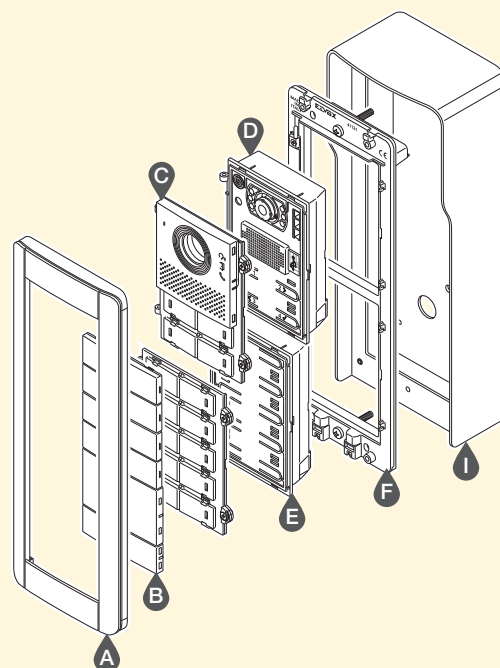
IP video door entry system: Pixel and Pixel Heavy series

Front modules - Pixel series

41104.01	Audio/video front module for audio/video electronic unit 41004 and 41006, for hearing aid function and teleloop symbol, grey
41104.02	As above, slate grey
41104.03	As above, white
41118.01	Display front module for electronic unit 41018, grey
41118.02	As above, slate grey
41118.03	As above, white
41119.01	Keypad front module for electronic units 41019 and 41020, grey
41119.02	As above, slate grey
41119.03	As above, white

41104.01 grey	**41104.02** slate grey	**41104.03** white

41118.01 grey	**41118.02** slate grey	**41118.03** white

41119.01 grey	**41119.02** slate grey	**41119.03** white

VIMAR

IP video door entry system: Pixel and Pixel Heavy series

Front modules - Pixel series

41115	Name panel front cover for electronic unit 41015
41117	Transponder reader front module for 41017 electronic unit, supplied with interchangeable labels in grey, slate grey and white colours

41115   **41117**

Button modules - Pixel series

41110	Single axial button
41111	Single rocker button
41112	Double axial button
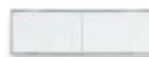
41110   **41111**   **41112**

Blank modules - Pixel series

41113.01	Single blank button, grey
41113.02	As above, slate grey
41113.03	As above, white
41114.01	Double blank button, grey
41114.02	As above, slate grey
41114.03	As above, white
41121.01	Blank module, grey
41121.02	As above, slate grey
41121.03	As above, white

41113.01   **41113.02**   **41113.03**
grey   slate grey   white
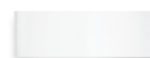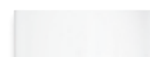
41114.01   **41114.02**   **41114.03**
grey   slate grey   white

41121.01   **41121.02**   **41121.03**
grey   slate grey   white

▲ New article

IP video door entry system: Pixel and Pixel Heavy series

Cover plates and mounting frames - Pixel series

41131.01	Cover plate and mounting frame for 1 module, grey. Dimensions: 99.5x161 mm
41131.02	As above, slate grey
41131.03	As above, white
41131.04	As above, anodized grey
41132.01	Cover plate and mounting frame for 2 modules, grey. Dimensions: 99.5x276 mm
41132.02	As above, slate grey
41132.03	As above, white
41132.04	As above, anodized grey
41133.01	Cover plate and mounting frame for 3 modules, grey. Dimensions: 99.5x391 mm
41133.02	As above, slate grey
41133.03	As above, white
41133.04	As above, anodized grey

41131.01 grey	**41131.02** slate grey	**41131.03** white	**41131.04** anodized grey

41132.01 grey	**41132.02** slate grey	**41132.03** white	**41132.04** anodized grey

41133.01 grey	**41133.02** slate grey	**41133.03** white	**41133.04** anodized grey

IP video door entry system: Pixel and Pixel Heavy series

Mounting boxes - Pixel series

9191	Mounting box for entrance panels for 1 module, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x143x50 mm
9192	Mounting box for entrance panels for 2 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x254x50 mm
9193	Mounting box for entrance panels for 3 modules, provided with cardboard antimortar cover and spacer for installation in banks. Dimensions: 98x365x50 mm

9191   9192   9193

Surface mounting boxes with built-in rainproof cover - Pixel series

41151.01	Surface mounting box for 1 module with built-in rainproof cover, grey. Dimensions: 110x167x70.6 mm
41151.02	As above, slate grey
41151.03	As above, white
41151.04	As above, anodized grey
41152.01	Surface mounting box for 2 modules with built-in rainproof cover, grey. Dimensions: 110x281.7x70.6 mm
41152.02	As above, slate grey
41152.03	As above, white
41152.04	As above, anodized grey
41154.01	Surface mounting box for 4 modules (2x2) with built-in rainproof cover, grey. Dimensions: 210x281.7x70.6 mm
41154.02	As above, slate grey
41154.03	As above, white
41154.04	As above, anodized grey

41151.01
grey

41151.02
slate grey

41151.03
white

41151.04
anodized grey

41152.01
grey

41152.02
slate grey

41152.03
white

41152.04
anodized grey

41154.01
grey

41154.02
slate grey

41154.03
white

41154.04
anodized grey

▲ New article

IP video door entry system: Pixel and Pixel Heavy series

Surface mounting boxes with built-in rainproof cover - Pixel series

41157.01	Surface mounting box for 6 modules (3x2) with built-in rainproof cover, grey. Dimensions: 310x281.7x70.6 mm
41157.02	As above, slate grey
41157.03	As above, white
41157.04	As above, anodized grey
41153.01	Surface mounting box for 3 modules with built-in rainproof cover, grey. Dimensions: 110x397x70.6 mm
41153.02	As above, slate grey
41153.03	As above, white
41153.04	As above, anodized grey
41156.01	Surface mounting box for 6 modules (2x3) with built-in rainproof cover, grey. Dimensions: 210x397x70.6 mm
41156.02	As above, slate grey
41156.03	As above, white
41156.04	As above, anodized grey
41159.01	Surface mounting box for 9 modules (3x3) with built-in rainproof cover, grey. Dimensions: 310x397x70.6 mm
41159.02	As above, slate grey
41159.03	As above, white
41159.04	As above, anodized grey

41157.01 grey	**41157.02** slate grey	**41157.03** white	**41157.04** anodized grey
41153.01 grey	**41153.02** slate grey	**41153.03** white	**41153.04** anodized grey
41156.01 grey	**41156.02** slate grey	**41156.03** white	**41156.04** anodized grey
41159.01 grey	**41159.02** slate grey	**41159.03** white	**41159.04** anodized grey

IP video door entry system: Pixel and Pixel Heavy series

Rainproof cover for mounting boxes - Pixel series

41141.01	1-module rainproof cover for mounting box, grey. Dimensions: 110x167x35.8 mm
41141.02	As above, slate grey
41141.03	As above, white
41141.04	As above, anodized grey
41142.01	2-module rainproof cover for mounting box, grey. Dimensions: 110x281.7x35.8 mm
41142.02	As above, slate grey
41142.03	As above, white
41142.04	As above, anodized grey
41144.01	4 (2x2)-module rainproof cover for mounting box, grey. Dimensions: 210x281.7x35.8 mm
41144.02	As above, slate grey
41144.03	As above, white
41144.04	As above, anodized grey
41147.01	6 (3x2)-module rainproof cover for mounting box, grey. Dimensions: 310x281.7x35.8 mm
41147.02	As above, slate grey
41147.03	As above, white
41147.04	As above, anodized grey

41141.01
grey

41141.02
slate grey

41141.03
white

41141.04
anodized grey

41142.01
grey

41142.02
slate grey

41142.03
white

41142.04
anodized grey

41144.01
grey

41144.02
slate grey

41144.03
white

41144.04
anodized grey

41147.01
grey

41147.02
slate grey

41147.03
white

41147.04
anodized grey

▲ New article

IP video door entry system: Pixel and Pixel Heavy series

Rainproof cover for mounting boxes - Pixel series

41143.01	3-module rainproof cover for mounting box, grey. Dimensions: 110x397x35.8 mm
41143.02	As above, slate grey
41143.03	As above, white
41143.04	As above, anodized grey
41146.01	6 (2x3)-module rainproof cover for mounting box, grey. Dimensions: 210x397x35.8 mm
41146.02	As above, slate grey
41146.03	As above, white
41146.04	As above, anodized grey
41149.01	9 (3x3)-module rainproof cover for mounting box, grey. Dimensions: 310x397x35.8 mm
41149.02	As above, slate grey
41149.03	As above, white
41149.04	As above, anodized grey

41143.01 grey	**41143.02** slate grey	**41143.03** white	**41143.04** anodized grey

41149.01 grey	**41149.02** slate grey	**41149.03** white	**41149.04** anodized grey

Universal adaptors

41135.01	Universal adaptor with built-in rainproof cover, for the installation of 1-module Pixel mounting frame and plate into other mounting boxes, grey
41135.02	As above, slate grey
41135.03	As above, white
41135.04	As above, anodized grey
41136.01	Universal adaptor with built-in rainproof cover, for the installation of 2-module Pixel mounting frame and plate into other mounting boxes, grey
41136.02	As above, slate grey
41136.03	As above, white
41136.04	As above, anodized grey

41135...	**41136...**

IP video door entry system: Pixel and Pixel Heavy series

Front modules - Pixel Heavy series

The Pixel Heavy entrance panel consists of modular elements combined with the electronic units. The main elements are: electronic units, expansion units, front module with buttons, modules with 3.5" LCD display with electronic contact list, alphanumeric keypad module, etc. Support and entrance panel in zama, protection rating IP54 and IK10, more resistant to knocks and bad weather conditions, ideal for installation in saline environments. Available in special sable grey finish.

Conformity to Standards
EMC directive
Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Installations
A) Cover plate.
B) Front modules for electronic units.
C) Audio/video electronic unit.
D) Expansion electronic unit.
E) Electronic unit support.
F) Flush mounting box.

Installation with waterproof structure
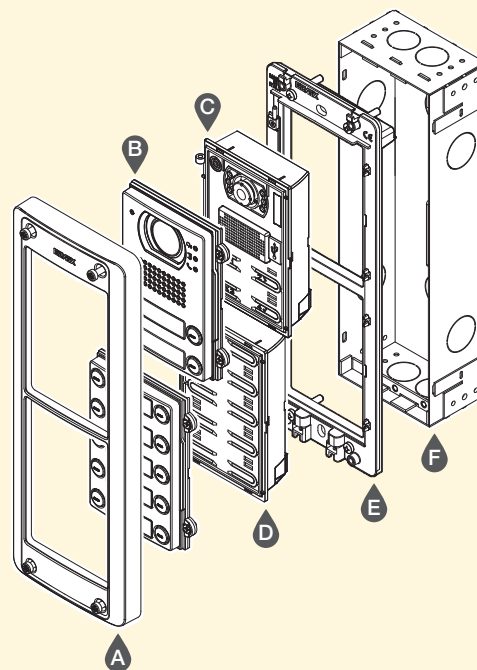
▲ New article

IP video door entry system: Pixel and Pixel Heavy series

Front modules - Pixel Heavy series

41270	Audio/video front module, for 41004 and 41006 electronic unit, for hearing aid function and teleloop symbol, sable grey. IP54 protection degree for athmosferic agents and IK10 against impacts
41271	As above, with 1 button in single row
41272	As above, with 2 buttons in single row
41274	As above, with 4 buttons in double row
41223	3 -button front module, for 41010 electronic unit, sable grey. IP54 and IK10 protection rating against knocks and atmospheric agents
41225	As above, with 5 buttons in single row
41230	As above, with 10 buttons in double row
41218	Display front module, for 41018 electronic unit, sable grey. IP54 and IK10 protection rating against knocks and atmospheric agents
41219	Keypad front module, for 41019 or 41020 electronic units, sable grey. IP54 and IK10 protection rating against knocks and atmospheric agents
41215	Name card/house number front module, for 41015 electronic unit, sable grey. IP54 and IK10 protection rating against knocks and atmospheric agents
41221	Blank front module, sable grey. IP54 and IK10 protection rating against knocks and atmospheric agents

41270   41271   41272   41274

41223   41225   41230   41218

41219   41215   41221
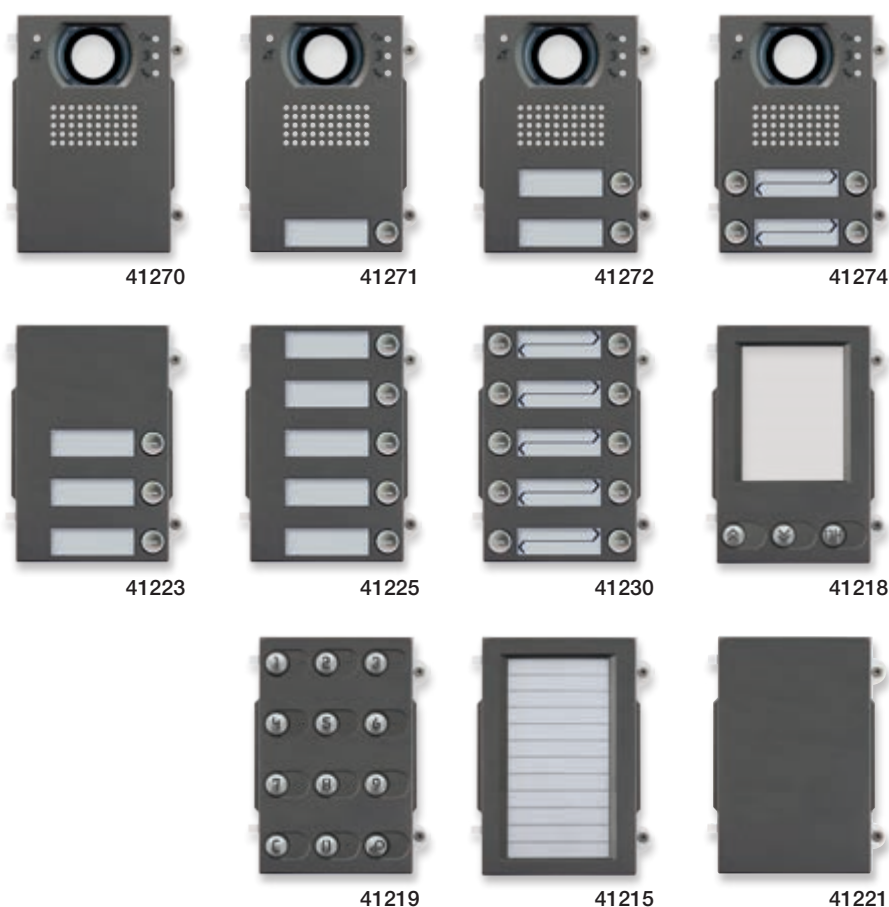
IP video door entry system: Pixel and Pixel Heavy series

Mounting frames and cover plates - Pixel Heavy series

41231	Mounting frame with cover plate, 1 module, sable grey. Dimensions: 99.6x163 mm
41232	Mounting frame with cover plate, 2 modules, sable grey. Dimensions: 99.6x278 mm
41233	Mounting frame with cover plate, 3 modules, sable grey. Dimensions: 99.6x393 mm

41131   41132   41133

▲ New article

IP video door entry system: Pixel and Pixel Heavy series

Tearproof flush mounting boxes - Pixel Heavy series

40291	Tearproof flush mounting box, stainless steel, 1 module. Dimensions: 82.4x144x50 mm
40292	Tearproof flush mounting box, stainless steel, 2 modules. Dimensions: 82.4x256.5x50 mm
40293	Tearproof flush mounting box, stainless steel, 3 modules. Dimensions: 82.4x369x50 mm

40291   40292   40293

IP video door entry system: Tab 7 series

Tab 7S IP hands-free video entryphones

Hands-free video entryphone with 7" LCD colour screen, capacitive keyboard and touch-screen display for video door entry system functions: talk/listen, door unlocking, self-start, call transfer, auxiliary services (e.g. stair lights), mute and intercom calls.

It is possible to control: brightness, ringtone volume, mute by activating the "User absent" function, or select the type of ringtone. Possibility to differentiate ringtones for calls from different points, for example: entrance panel, landing call, intercom call.

The video door entry unit has a series of functions for hearing aid wearers.

Conformity to Standards
EMC directive
Standards EN 60065, EN 61000-6-1, EN 61000-6-3 and EN 60118-4.

Main specifications
- Power supply: PoE class 0, from Ethernet network.
- 7" LCD display, 800x480 pixel, 16M colours.
- Display with shiny finishing, in white or black version.
- Control of function zoom&scan of the camera.
- Capacitive touch keyboard with backlit symbols (in operation) and touch-screen display.

- Programmable video answering service, up to 100 messages.
- Receipt and sending of text messages.
- Priority request of support to the reception workstation (function available only for system where the reception switchboard is installed).
- System contact list and favourites menu for quick access.
- Full-duplex hands-free with echo canceller.
- Electronic ringtone: with diversification of ringtone for entrance panel, intercom or landing calls.
- Input for landing calls.
- Support for IP CCTV integration.
- Support for remote call service from smartphone/tablet via a Wi-Fi connection.
- Designed for surface mounting installation with hooking plate for fixing to a flush mounting box (Vimar round 2-module V71701, Vimar rectangular vertical/horizontal 3-module V71303/V71703, Vimar rectangular 4+4 modules V71318/V71718).
- Dimensions: 166x184x24.2 mm.

Technical data

Inputs

power supply from Ethernet network	PoE, class 0
Network interface	RJ45 Ethernet 10/100 Mps (certified)
Absorption in operation	8 W
Ethernet connection	RJ45 - 10/100 Mps
operating temperature	from -5° to +40° C

Tab 7S IP - Information and functions

Header: user name, date and time.

Settings configurable by the user: user name, device ID name, interface language, date and time (automatic or manual), display and button backlighting brightness, ringtones, volumes, video answering machine message and call options.

Calls log: list of calls, incoming and outgoing, rejected answers and lost calls.

System contact list:
- Home: user video entryphones.
- Favourites: contacts selected by the user for quick accessory from the Favourites Menu.
- Users: other system users.
- Accessible entrance panels in the system.
- CCTV video cameras configured for access from the video entryphone.
- Reception switchboard stations contactable from the video entryphone.
- Actuations installed in the system the user has access to; for implementing functions such as lock opening or switching on service lighting.

Messages: list of text messages received and sent.

Video messages: list of audio and audio-video messages recorded by the video-answering machine service.

Favourites menu: according to the type of contact it is possible, for example, to start a call or a self-activation, enable an actuation, view the images recorded by a CCTV video camera.

Quick settings menu: access to main controls: ringtone volume, display brightness, activation/deactivation of video answering machine services.

State: views and is used to set the user state "Online" or "Do Not Disturb". In "Do Not Disturb" all calls are refused and, if active, the video answering machine cuts in. In "Online" the calls are notified.

Display, buttons and connecting terminal blocks
A) Touch screen display.
B) Talk/listen button and lock opening button.
C) RJ45 connector and terminals for landing calls.
D) Fixing plate.

▲ New article
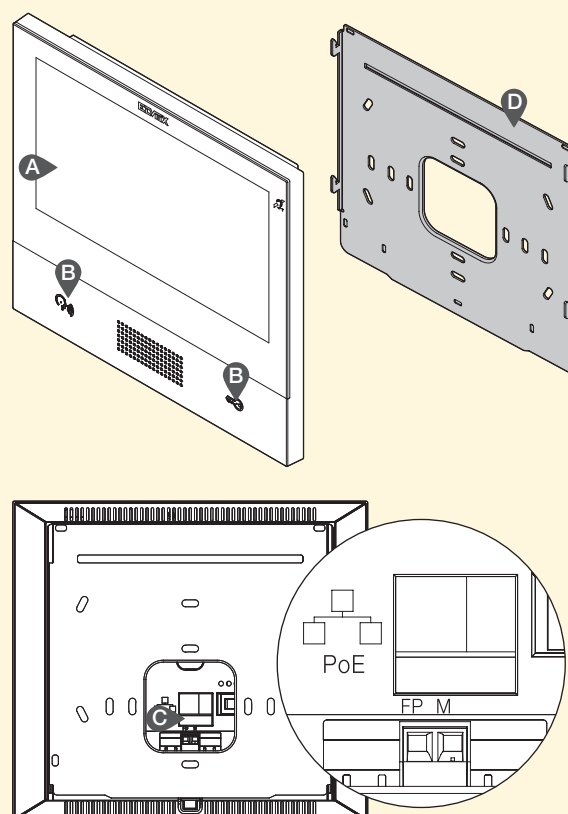
IP video door entry system: Tab 7 series

Tab 7S IP hands-free video entryphones

▲ **40607**   Surface mounting hands-free video entryphone for IP system, with integrated Wi-Fi for remote control of the call on smartphone by dedicated app, 7" LCD colour screen, capacitive keypad for video entry functions and intercom calls, video answering machine, telel-oop facility for hearing aids, supply voltage PoE, bracket for fixing in round or rectangular box, white

▲ **40607.04**   As above, black

▲ **40607**
white

▲ **40607.04**
black

184   24.2

166

App **Video Door** available on Vimar site and Apple and Google Play stores

Available on the **App Store**

GET IT ON **Google Play**

Accessories

▲ **40195**   Tabletop base for Tab 7 video entryphones series

▲ **40195**

IP video door entry system: Tab 7 series

VIMAR

Tab 7 IP hands-free video entryphones

Hands-free video entryphone with 7" LCD colour screen, capacitive keyboard with configurable buttons for video door entry system functions: talk/listen, door unlocking, self-start, auxiliary services (e.g. stair lights), mute and intercom calls. Possibility to differentiate ringtones for calls from different points (e.g. entrance panel, call from landing, intercom call). Luminous signalling for "User absent" calls or messages in video answering machine. The video door entry unit has a series of functions for hearing aid wearers.

Conformity to Standards
EMC directive
Standards EN 60065, EN 61000-6-1, EN 61000-6-3 and EN 60118-4.

Main specifications
- Power supply: PoE class 0, from Ethernet network.
- 7" LCD display, 800x480 pixel, 16M colours.
- Video door entry unit made of ABS with mirror polished finish on the front.
- Capacitive touch keyboard with backlit symbols (in operation) .
- Video answering machine with up to 10 messages.
- Receipt of text messages.

- Priority request of support to the reception workstation (function available only for system where the reception switchboard is installed).
- System contact list and favourites menu for quick access.
- Full-duplex hands-free with echo canceller.
- Electronic ringtone: with diversification of ringtone for entrance panel, intercom or landing calls.
- Input for landing calls.
- Support for IP CCTV integration.
- Designed for surface mounting installation with hooking plate for fixing to a flush mounting box (Vimar round 2-module V71701, Vimar rectangular vertical/horizontal 3-module V71303/V71703, Vimar rectangular 4+4 modules V71318/V71718).
- Dimensions: 166x184x24.2 mm.

Technical data

Inputs

power supply from Ethernet network	PoE, class 0
Network interface	RJ45 Ethernet 10/100 Mps (certifified)
Absorption in operation	8 W
operating temperature	from -5° to +40° C

Tab 7 IP - Information and functions

Header: user name, date and time.

Settings configurable by the user: user name, device ID name, interface language, date and time (automatic or manual), display and button backlighting brightness, ringtones, volumes, video answering machine message and call options.

Calls log: list of calls, incoming and outgoing, rejected answers and lost calls.

System contact list:
• Home: user video entryphones.
• Favourites: contacts selected by the user for quick accessory from the Favourites Menu.
• Users: other system users.
• Accessible entrance panels in the system.
• CCTV video cameras configured for access from the video entryphone.
• Reception switchboard stations contactable from the video entryphone.
• Actuations installed in the system the user has access to; for implementing functions such as lock opening or switching on service lighting.

Messages: list of text messages received and sent.

Video messages: list of audio and audio-video messages recorded by the video-answering machine service.

Favourites menu: according to the type of contact it is possible, for example, to start a call or a self-activation, enable an actuation, view the images recorded by a CCTV video camera.

Quick settings menu: access to main controls: ringtone volume, display brightness, activation/deactivation of video answering machine services.

State: views and is used to set the user state "Online" or "Do Not Disturb". In "Do Not Disturb" all calls are refused and, if active, the video answering machine cuts in. In "Online" the calls are notified.

Buttons and connecting terminal bar
A) 5 determined buttons.
B) Talk/listen button and lock opening button.
C) RJ45 connector and terminals for landing calls.
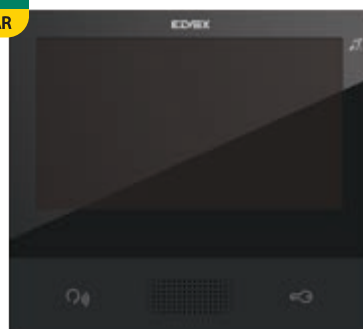D) Fixing plate.

▲ New article

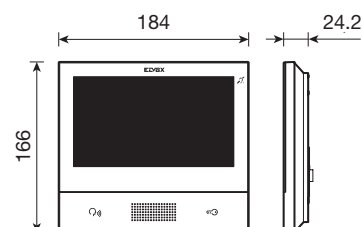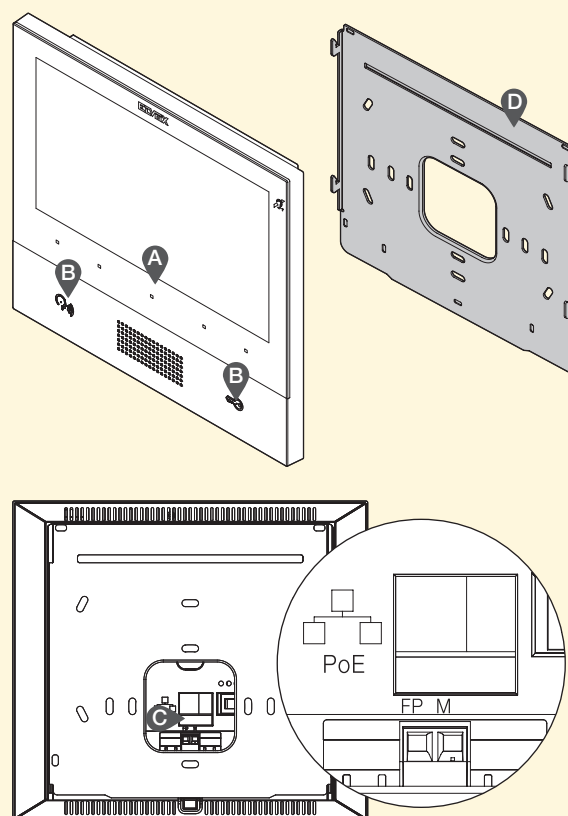# IP video door entry system: Tab 7 series

Tab 7 IP hands-free video entryphones

▲ **40605**   Surface mounting hands-free video entryphone for IP system with 7" LCD colour screen, capacitive keypad for video entry functions and intercom calls, teleloop facility for hearing aids, supply voltage PoE, bracket for fixing in round or rectangular box, white

▲ **40605.04**   As above, black

▲ **40605**
white

▲ **40605.04**
black
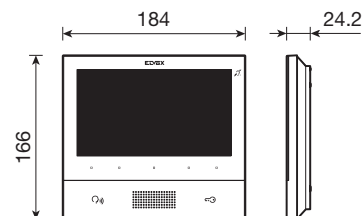
Accessories

▲ **40195**   Tabletop base for Tab 7 video entryphones series

▲ **40195**

IP video door entry system: system components

Device with 2 inputs and 2 outputs

A programmable device with two inputs and two programmable independent relays. Connect to the video door entry system Ethernet network via the connector RJ45. The inputs can be used for: door open indicator, open lock command or other actuations in the system. The relay outputs (NC contact) can control loads conformed to the list beside. It can be powered via PoE or dedicated 5 Vdc power supply. For programming the relay activation times and operating logics, use the Video-Door IP Manager software.

Conformity to standards

LV Directive, EMC Directive
Standards EN 60065, EN 61000-6-1, EN 61000-6-3

Main technical specifications

- RJ45 Ethernet interface 10/100 Mbps, PoE class 0.
- Power supply PoE or 5 Vdc max 300 mA.
- 2 independent opto-isolated inputs for clean contacts or magnetic sensors with maximum 40 m cable.
- 2 bistable relay outputs.
- ABS case on enclosure for DIN (60715 TH35) rail installation, 4 17.5 mm modules.

Technical data	
Power supply	PoE class 0 or 5 Vdc < 300 mA
Absorption in operation	2.5 W
Network interface	RJ45 Ethernet 10/100 Mps (certified)
Inputs IN1 and IN2	Clean contacts or magnetic sensors
Outputs OUT1 and OUT2	
Max load types	6 A - resistive load
	6 A - incandescent/halogen lamps
	0.5 A - fluorescent lamps
	100 W - energy saving lamps
	100 W - LED lamps
	4 A - electronic transformers (01860.60 or 01860.105)
	2 A cosø 0.6 - motor
Operating temperature	from -25° to +55° C

Device for activating optional services

This device is used to activate optional services in the system which require licences, e.g.: reception switchboard, third party SIP devices connected to the system. It is necessary one only device per installation, to connect to the Ethernet network of the video door entry system by the RJ45 connector.

Conformity to standards

EMC Directive
Standards EN 61000-6-1, EN 61000-6-3

Main technical specifications

- RJ45 Ethernet interface 10/100 Mbps, PoE class 0.
- ABS case on enclosure for DIN (60715 TH35) rail installation, 4 17.5 mm modules.

Technical data	
Power supply	PoE class 0
Network interface	RJ45 Ethernet 10/100 Mps (certified)
Operating temperature	from -25° to +55° C

Licence for reception switchboard activation

This USB memory device contains 1 licence for activating 1 IP reception switchboard. If more than one switchboard is activated on the same system, more licences are required. Device 40638 must be contained in the system in order to install the licence or licences. The activation of the licence is done inserting it in the section of Video Door Manager configuration software.

Conformity to standards

EMC Directive
Standards EN 61000-6-1, EN 61000-6-3

▲ New article

IP video door entry system: system components

Input/output device

▲ **40636**   2-input/2-output device, IP standard, 2 6 A 230 V~ relay outputs, 2 inputs, supply voltage PoE or 5 Vdc, for DIN (60715 TH35) rail installation, occupies 4 17.5 mm modules

▲ 40636

IP device for optional services

▲ **40638**   Device for the enabling optional services after activation of a license, PoE power supply, DIN (60715 TH35) rail installation, occupies 4 17.5 mm modules

▲ 40638

Licences

▲ **40691**   USB storage device containing the license activation code for 1 IP porter switchboard station

▲ 40691

VIMAR

IP video door entry system: system specifications

Elvox IP video door entry system

The system guarantees the functions described using the articles in the catalogue for all the following cases, also in combination:

- installation with less than 200 connected devices, i.e. objects connected to the same LAN network via an RJ45 interface, do not calculate IP CCTV cameras and switch;
- installation with up to maximum 3 video reception switchboards;
- management of access control services with standard articles from the catalogue up to 500 users;
- management of up to a maximum 10 video answering machine messages for each reception switchboard installed.

For all other cases and for the integration of third party products/systems, such as VoIP devices with SIP protocol, IP CCTV systems, advanced access control systems, please contact the sales network to consider customized solutions agreed with the system managers. The IP CCTV cameras can not be installed with the entrance panel to operate as call function service.

Installation of up to 200 devices

Device 3

Video door entry unit
Tab 7S IP series

IP CCTV video cameras

Device 2

Video door entry unit
Tab 7 IP series

PoE switch

Device 1
Audio/video IP entrance panel
audio/video IP

Installation of up to 3 reception switchboards

Other devices

40638
Licence manager

PoE switch

Reception switchboard
and 40691 licence

Reception switchboard
and 40691 licence

Reception switchboard
and 40691 licence

IP video door entry system: system specifications

Switch for the Elvox IP video door entry system

The Elvox IP video door entry system should be completed with switch that manages the traffic of the LAN network. For a correct system operating, it is recommended the use of switch conform to the network characteristics of the current catalogue.

Installation of the passive network

To realize the infrastructure of passive network for the IP video door entry system, it is recommended to install the Vimar Netsafe structured cabling system with a wide range of products able to realize networks in 5e, 6 and 6A categories, shielded or unshielded in copper or fiber optic connections.

A system with great performances, offering versatile solutions for wide-ranging installations and assuring steady connections over time and for every kind of buildings, from the smallest in residential sector to the biggest to the tertiary sector.

For more information browse the Vimar Netsafe catalogue on the site www.vimar.com.

Network technical data	
Power supply from Ethernet network	PoE, class 0 (IEEE 802.3-2012)
Network interface	RJ45 Ethernet 10/100 Mps (certified)

Installations examples

Installations examples

Villa with video door entry system
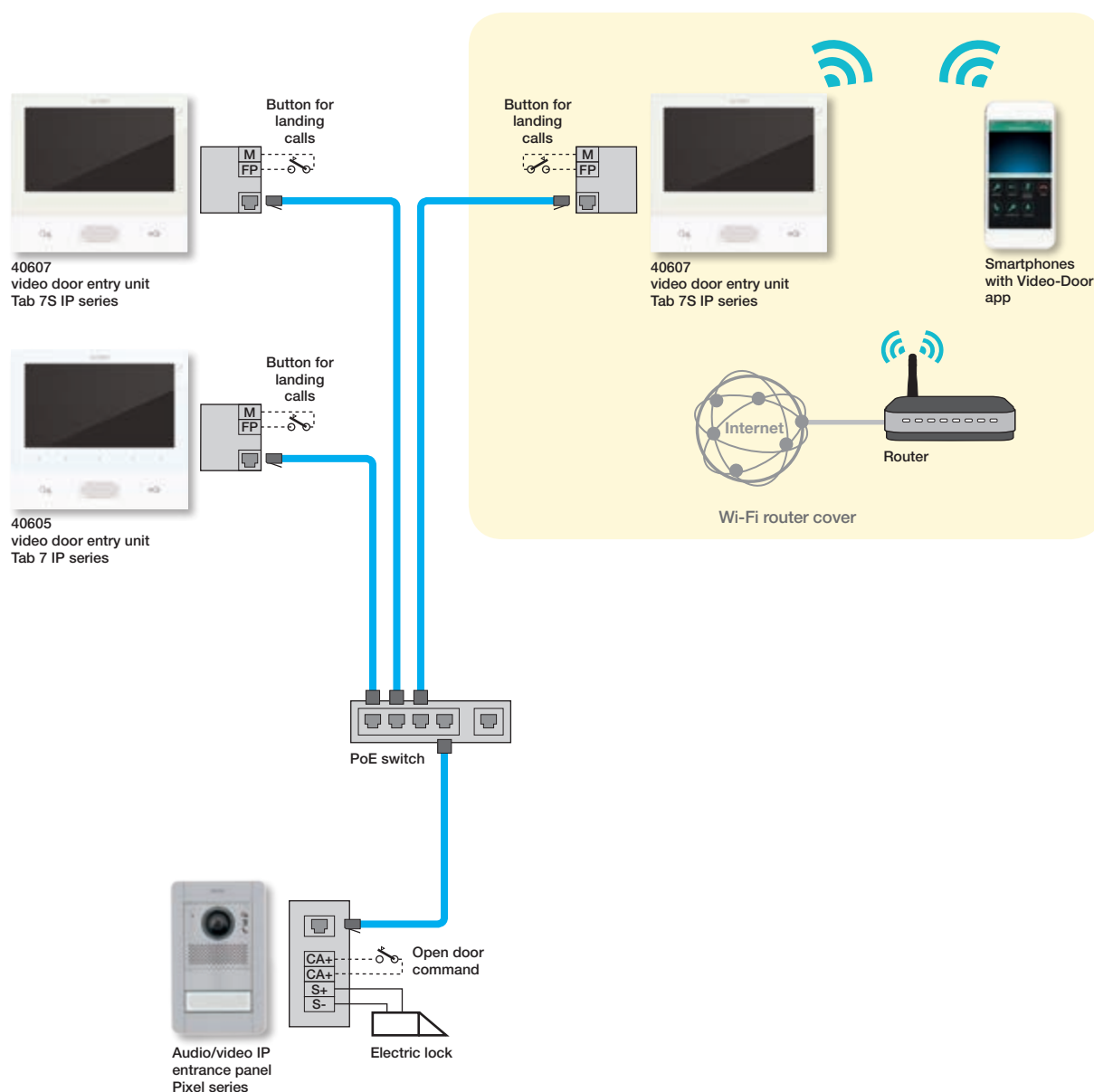
Button for landing calls

M
FP

40607
video door entry unit
Tab 7S IP series

Button for landing calls

M
FP

40607
video door entry unit
Tab 7S IP series

Smartphones
with Video-Door
app

Button for landing calls

M
FP

40605
video door entry unit
Tab 7 IP series

Internet

Router

Wi-Fi router cover

PoE switch

CA+
CA+
S+
S-

Open door
command

Electric lock

Audio/video IP
entrance panel
Pixel series

Note: example of standard installation on dedicated video door entry system LAN network. The passive structured cabling and active components may vary depending on the type of network defined for each specific application.

Installations examples

Semi-detached villa with video door entry system

Smartphones
with Video-Door
app

40607
video door entry unit
Tab 7S IP series

Router 1

Internet

Wi-Fi router 1 cover

40607
video door entry unit
Tab 7S IP series

Smartphones
with Video-Door
app

Router 2

Internet

Wi-Fi router 2 cover

40605
video door entry unit
Tab 7 IP series

40607
video door entry unit
Tab 7S IP series

Apartment 1

Apartment 2

PoE switch

40636

IP CCTV video
cameras

Open door
command

Electric lock

Audio/video IP
entrance panel
with transponder
reader
Pixel series

In 1   Out 1   Out 2   In 2
       (NO-C) (NO-C)

Garage door
command

Garage door

Note: example of standard installation on dedicated video door entry system LAN network. The passive structured cabling and active components may vary depending on the type of network defined for each specific application.

VIMAR

Installations examples

Residential complex with video door entry system with up to 200 devices

40605
video door entry
unit Tab 7 IP
series

IP CCTV video
cameras

40607
video door entry
unit Tab 7S IP
series

Smartphones
with Video-
Door app

Router 2

Wi-Fi router 2 cover

Floor n
Stair A

40605
video door entry
unit Tab 7 IP
series

IP CCTV video
cameras

40607
video door entry
unit Tab 7S IP
series

Smartphones
with Video-
Door app

Router 3

Wi-Fi router 3 cover

Floor n
Stair B

40605
video door entry
unit Tab 7 IP
series

IP CCTV video
cameras

40607
video door entry
unit Tab 7S IP
series

LAN

40605
video door entry
unit Tab 7 IP
series

IP CCTV video
cameras

40607
video door entry
unit Tab 7S IP
series

Smartphones
with Video-
Door app

Router 1

Wi-Fi router 1 cover

Floor 1
Stair A

Floor 1
Stair B

Other
stairs

Other entrance
panels

Open door
command

Electric lock

Audio/video IP
entrance panel
Pixel series

Entrance panel
with transponder
reader
Pixel series

PoE switch

Entrance panel
with Pixel series
keypad for
access control

Open door
command

Electric lock

Audio/video IP
entrance panel
Pixel series

40636

Garage door
command

In 1   In 2

Out 1   Out 2
(NO-C) (NO-C)

Garage door

IP CCTV video
cameras

Entrance panel
with transponder
reader
Pixel series

Open door
command

Electric lock

Audio/video IP
entrance panel
Pixel series

IP CCTV video
cameras

40638
Licence
manager

Reception switchboard
and 40691 licence
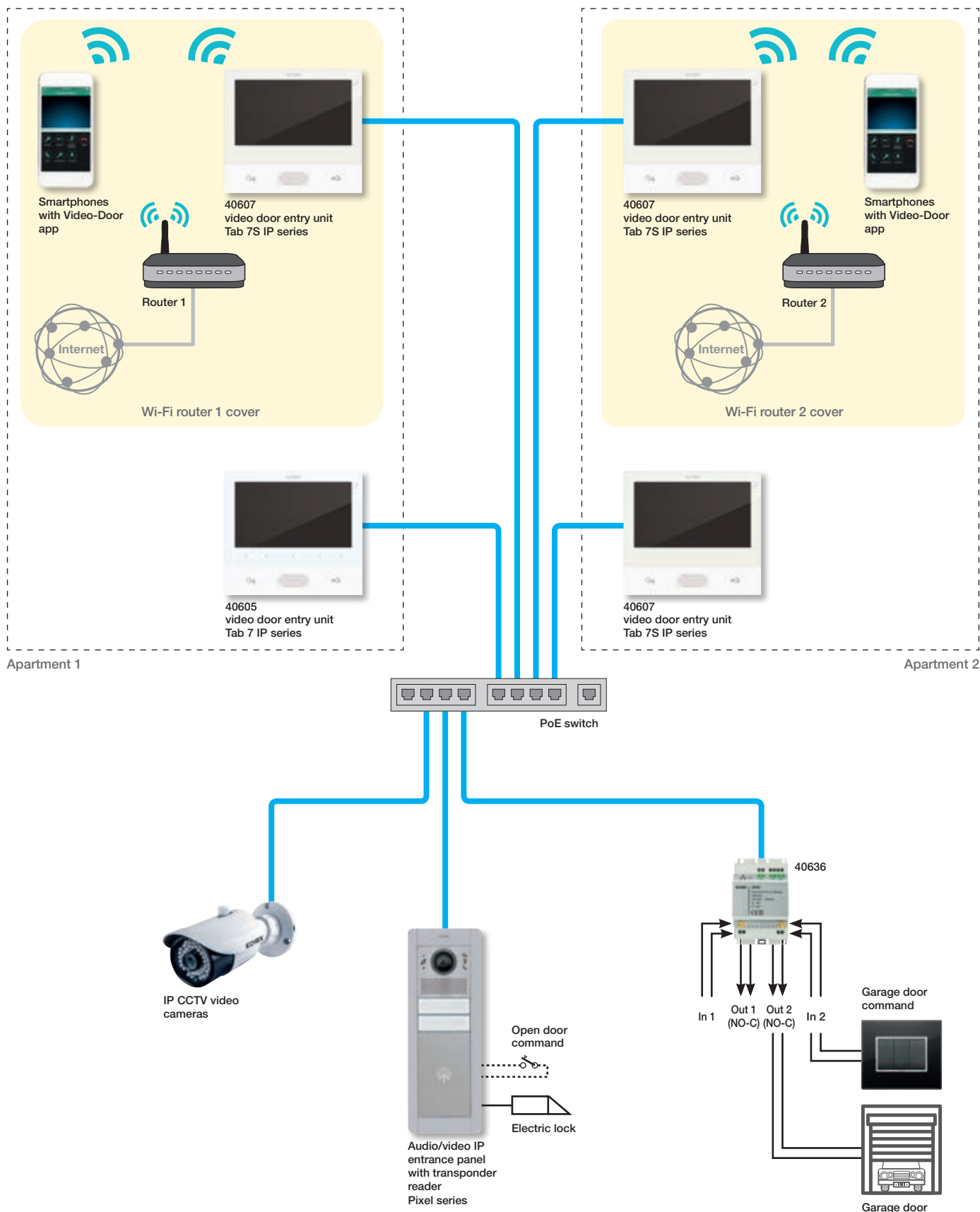
Note: example of standard installation on dedicated video door entry system LAN network. The passive structured cabling and active components may vary depending on the type of network defined for each specific application.
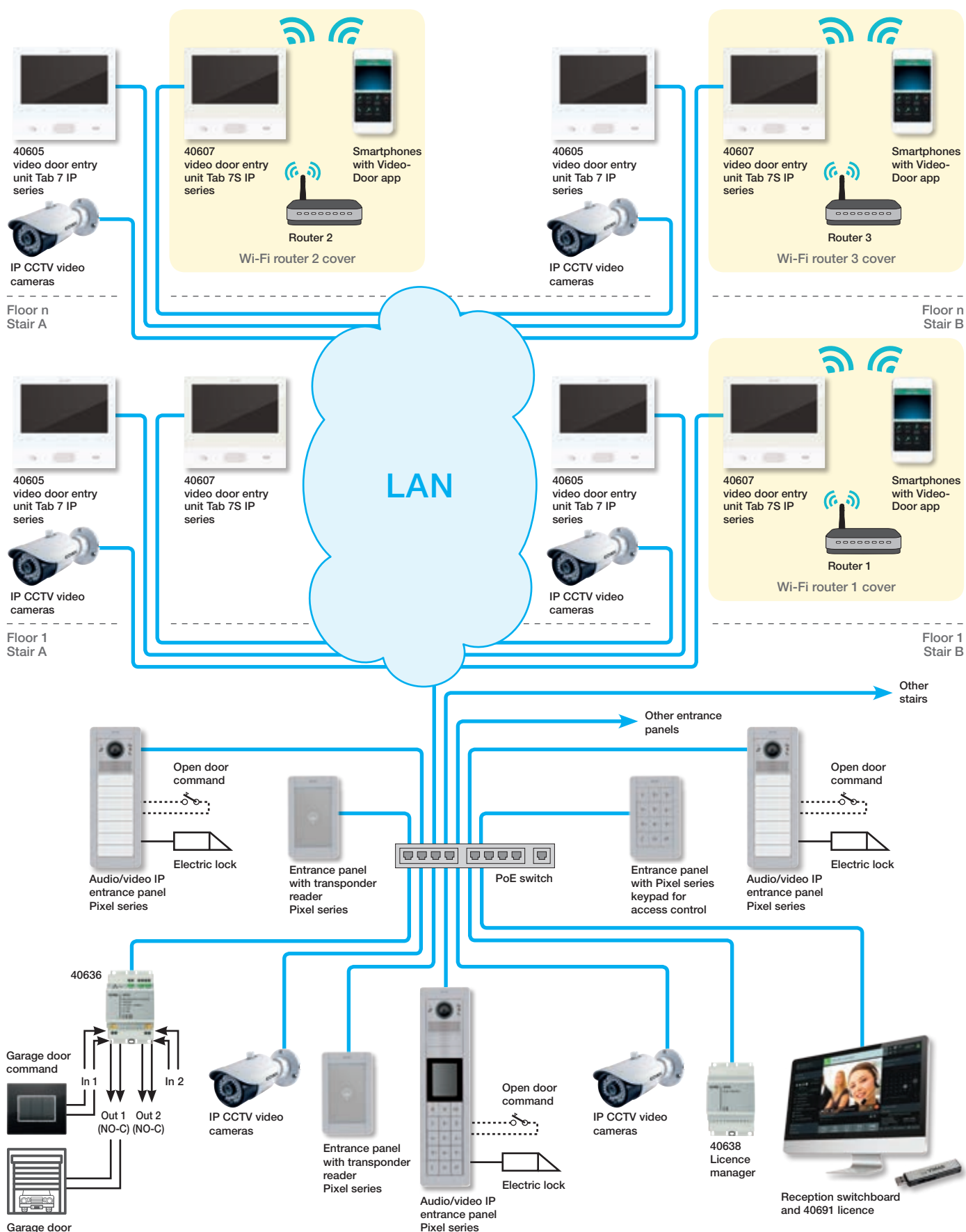
VIMAR