New video door entry systems.
Innovation has many names.

Mario Rossi

C Cancella

MODERN DESIGN

FOUR FINISHES

SMALL AND ULTRA-THIN

ADVANCED TECHNOLOGY

MODULAR AND FLEXIBLE

WIDE COMPOSITION

EASY INSTALLATION

VIDEO DOOR ENTRY SYSTEMS

ELVOX

Innovation, a choice for supplying even more up-to-date products.

Innovation first of all. But we also listen to the market, its stakeholders and their precise needs for both use and installation. Because this is the only way to be able to supply products that respond to specific needs. With a constant attention to discreet and elegant design, the results of in-depth style research. Based on these assumptions come the new modular entrance panels Pixel and Pixel Heavy, the new Tab monitor with handset and 4.3" display and the porter switchboard with wide 7" LCD display. Quality and design combined, in a range of products of the highest technological value.

Pixel and **Pixel Heavy**.
Beauty and strength.

Mario Rossi

C Cancella

Lots of advantages, one single Pixel.

Pixel is the new modular entrance panel with a slim, modern design. Elegant in four colours and versatile thanks to its great modularity, which also includes a 3.5" colour LCD display. Just 10 centimetres wide, Pixel can easily be installed even in tight spaces. The Pixel Heavy version will also soon be available, designed to withstand knocks.

Modern and elegant design.

Minimal lines and rounded corners, blending in with any style, offering innovative solutions for any residential context combining design and technology with no compromises.

An evolved technological heart.

An innovative technological heart that is expressed to the full in the audio or audio/video module, the 3.5" LCD colour display module and the expansion module. All with advanced functions.

Full modularity.

Thanks to the versatility of the electronic modules and the wide range of different types of buttons, Pixel can be composed as you like to respond to actual installation needs.

Simplified, functional installation.

Pixel was also designed considering the needs of professionals. A range of structural details make installation, programming and maintenance quick and simple.

PIXEL

PIXEL HEAVY

5

Modern appeal that won't go unnoticed.

PIXEL

IK08   IP54

One material, four different finishes, protection rating **IK08** and **IP54**.

A timeless aluminium entrance panel, easy to blend in with its four different finishes. High protection rating against knocks, IK08, and atmospheric agents IP54.

Grey

Black

Anodized grey

White

Small in size and ultra-thin.

Protruding just 14 mm from the wall and 100 mm wide, Pixel is the ideal solution of elegant installations in confined spaces.

Functional design.

With its special design exploiting the small size to exalt its forms, all the Pixel modules can be installed in single file on the typical 12 cm metal posts used for the majority of gates.

100 mm   14 mm

PIXEL HEAVY (IK10) (IP54)

Beauty and strength
IK10 and IP54.

With its die-cast aluminium trim, zamak fronts and IK10 and IP54 protection rating, Pixel Heavy is even more resistant to knocks and atmospheric agents, and is ideal for installation in saline environments. Available in special sable grey finish.

AUDIO MODULES

AUDIO/VIDEO MODULES

3.5" DISPLAY MODULE

Available in standard version or a special version for disabled and elderly users

Available with standard or with wide-angle camera.

Intelligent, dynamic technology.

The different modules are characterised by advanced electronics, and combined together they bring life to versatile electronic solutions in line with your expectations and those of your customers.

EXPANSION MODULES
ALPHANUMERIC KEYBOARD, BUTTONS AND NAME CARDS

Audio
and audio/video modules.

Up to 4 buttons in a single module.

With incorporated hard of hearing function, for fitting up to four buttons in double file, it is a turnkey product for installations in small residential settings.
It is the heart of the entrance panel, and can be expanded as you wish by adding expansion modules or a display, to suit your installation requirements.

Also available with wide-angle camera.

The audio/video module has a wide-angle lens camera with **525 TVL** high definition recording, with a wide field of view. It is also possible to zoom and scroll through the framed zones. The camera comes with a cap to protect the lens from knocks during installation.

2.8 m
104°

1 m

1 m

1.8 m
83°

1.2 m   1.65 m
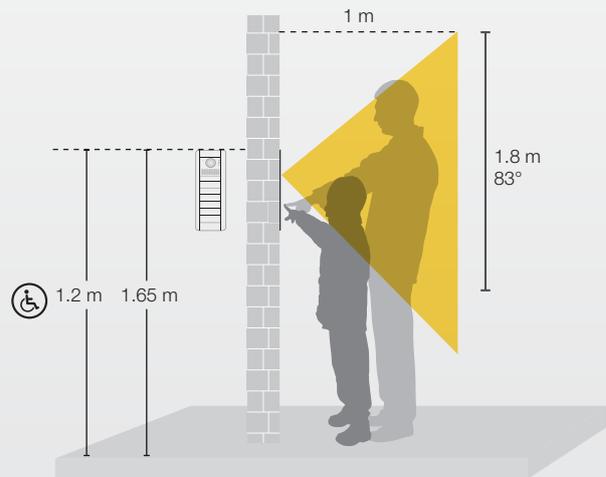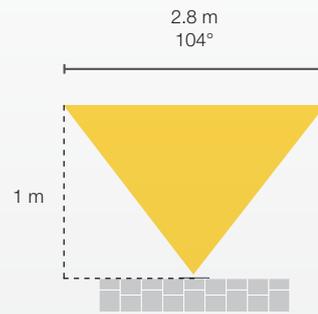
Perfect viewing, at any time. In any condition.

The module has camera lighting LEDs that **self-adjust** depending on the brightness outside, to prevent glare. This also offers a clearer view of the person outside even if they are standing in shadow in a very bright setting.

Electronics with dual protection.

The module has a double seal: on the front, a single co-moulded piece protects the electronic contacts inside from infiltrations, and on the back a second seal offers additional protection between the electronic unit and the frame.

Automatic audio control.

The sound comes through clean and clear every time, thanks to a special function that minimises echo and monitors the audio balance, microphone and loudspeaker levels.

Hard of hearing function and speech synthesis for the blind.

These functions help to meet the needs of disabled and elderly users. The first function allows T-switch hearing aid wearers to listen to the conversations directly in the hearing aid; the second allows the blind and poor-signed to listen to a specially recorded vocal message reproduced by the entrance plate for each command.
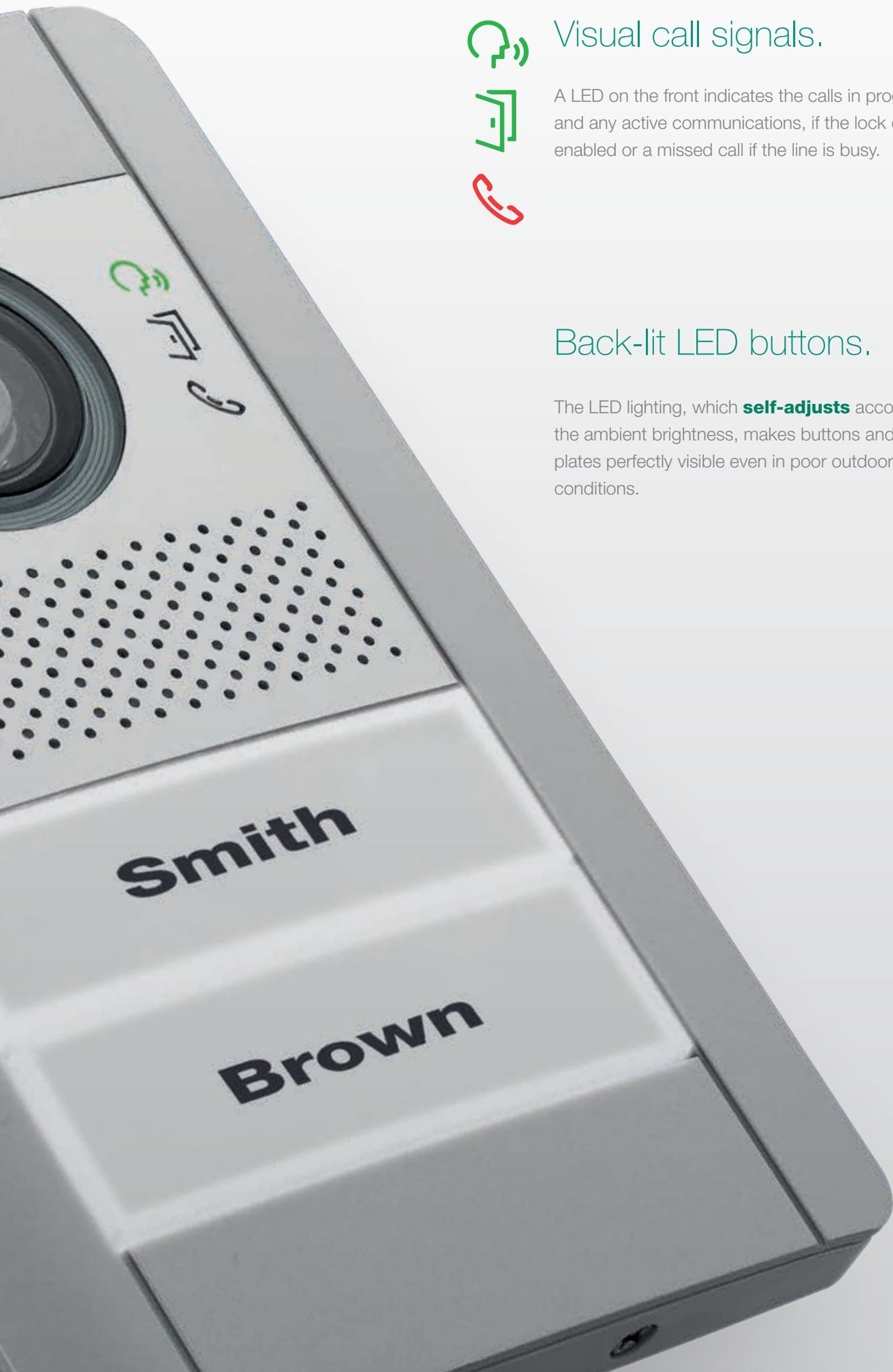
Visual call signals.

A LED on the front indicates the calls in progress and any active communications, if the lock control is enabled or a missed call if the line is busy.

Back-lit LED buttons.

The LED lighting, which **self-adjusts** according to the ambient brightness, makes buttons and name plates perfectly visible even in poor outdoor lighting conditions.

Smith

Brown

Display module.

3.5" LCD display, unique and inimitable.

Pixel has a 3.5" LCD display, the largest in the modular entrance panel category. It guarantees high definition **colour viewing** with 320x480 pixel resolution, and is ideal for facilitating calls in particularly large residential complexes. The intuitive menu is used to control brightness and colour, select the font size and set any one of the six available languages.

Perfect vision, even in back-lit conditions.

With an 80° horizontal viewing angle, the information can easily be read on the display even in back-lit conditions.
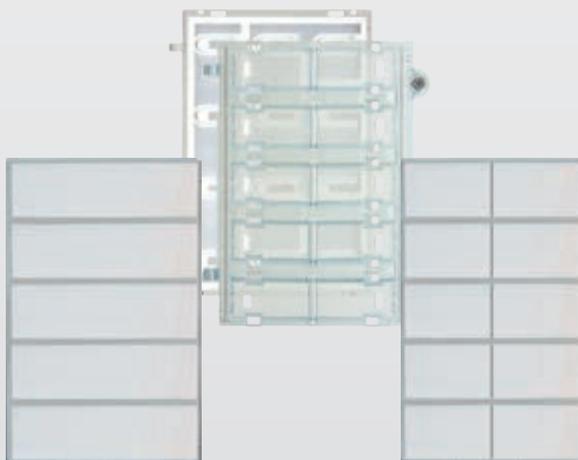
Contacts list with up to 6400 names.

Using the intuitive navigation menu, Pixel can be used to make a call by scrolling the contacts list or directly entering the required internal unit, managing up to 6400 names.

Expansion modules.
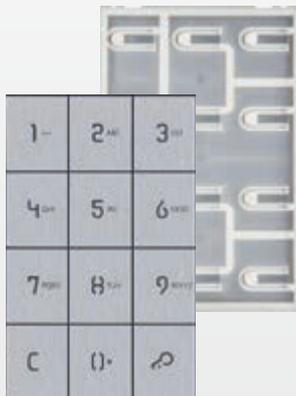
Alphanumeric
keyboard

Single axial
buttons

Single rocker buttons

Name card or
house number

Biometric
sensor

Transponder

## Adding functions to create customised solutions.

Pixel is a dynamic solution, as it allows you to create all the compositions you need, using additional modules and combining audio or audio/video electronic units. Every entrance panel can hold **up to 5 button modules in single file and 10 in double file**, alphanumeric keyboard, display with electronic contacts list or back-lit name card, biometric sensor or transponder.

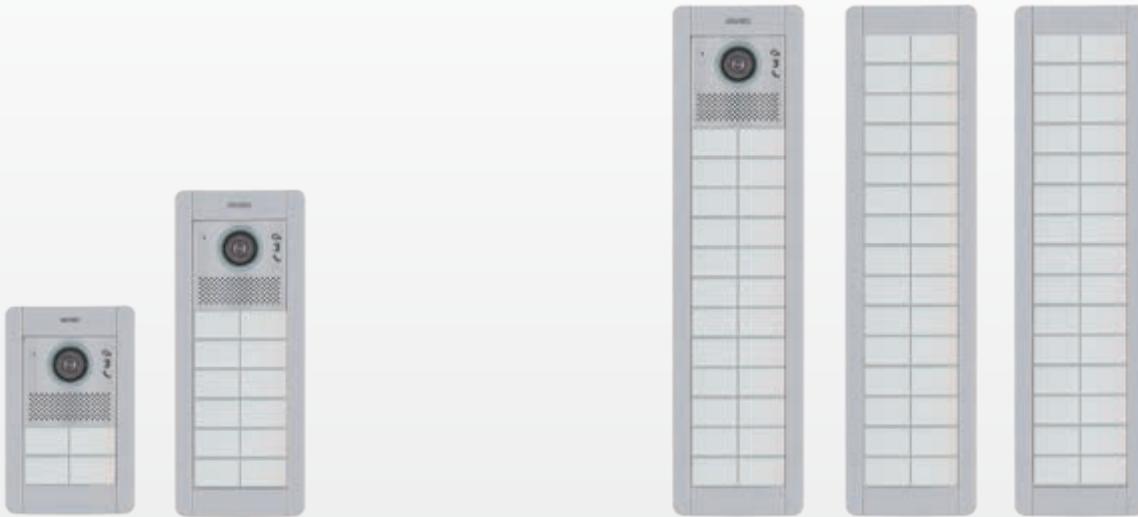# Build your own modular solution. The result is always what you've been looking for.

Modular, flexible development.

Pixel allows you to organise different combinations to suit your needs. Starting from one, two or three vertical modules, you can create up to three rows horizontally, in a composition of nine modules.
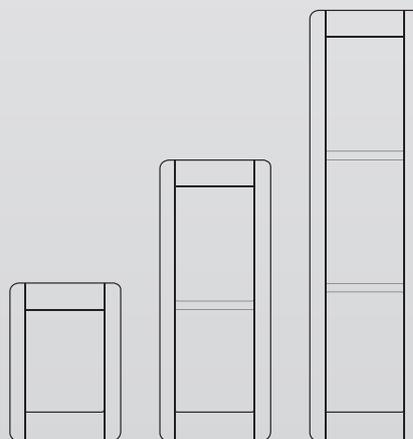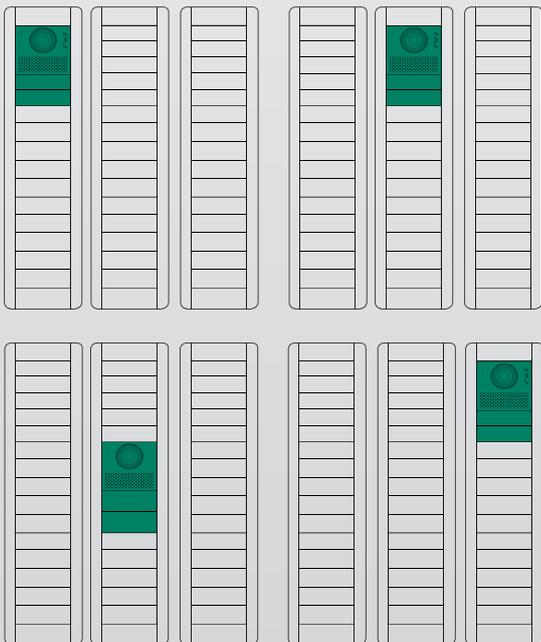
from 1 to 3 modules.

From 1 to 84 buttons, for every installation need.

The audio or audio/video module comprising four buttons in double file, is a small sized unit with huge composition potential. Starting from this module, you can expand your entrance panel up to a maximum of 84 buttons, satisfying even the greatest installation needs.

Each to his own: entrance panels with different combinations.

The versatility of the modules allows you to compose customised entrance panels. In both audio and audio/video versions, with buttons or name card, with alphanumeric keyboard or LCD display, Pixel is able to provide the best solution to suit your needs, ensuring full flexibility in the composition of the entrance panel.

Three types of buttons, many call solutions.

BUTTON KEY

Double
axial button

Single
axial button

Single rocker
button in 2 rows
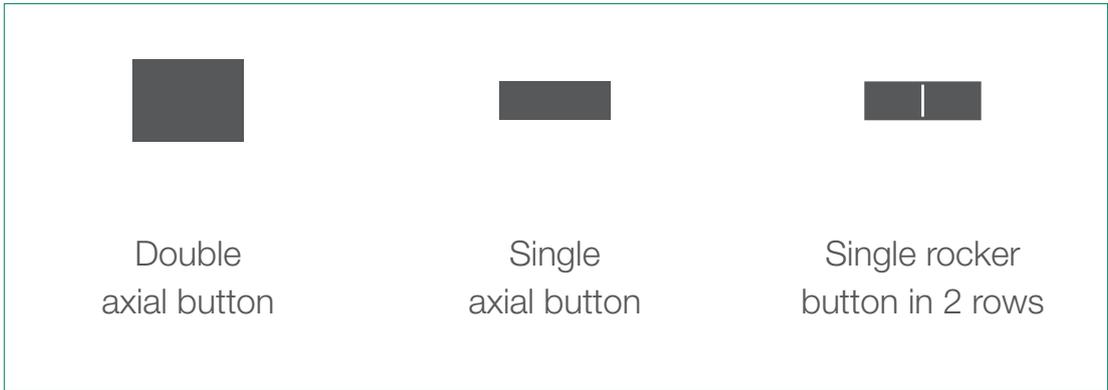
1-module entrance panel (100x161 mm)
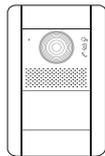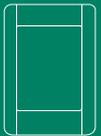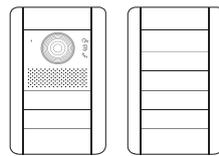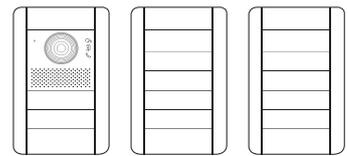
Number of possible calls

Up to 1	Up to 3	Up to 5	
Up to 2	Up to 7	Up to 12	
Up to 4	Up to 14	Up to 24	

2-module entrance panel (100x276 mm)
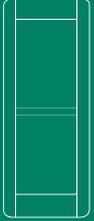
Number of possible calls
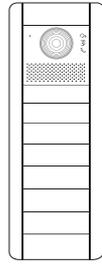
Up to 3	
Up to 7	
Up to 14	
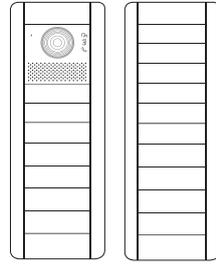
Up to 8	
Up to 17	
Up to 34	
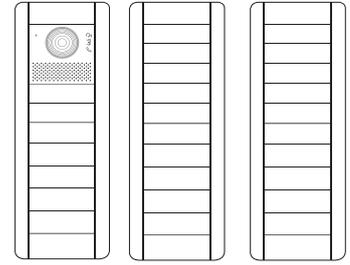
Up to 13	
Up to 22	
Up to 44	

3-module entrance panel (100x391 mm)

Number of possible calls
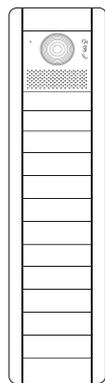
Up to 6	
Up to 12	
Up to 24	
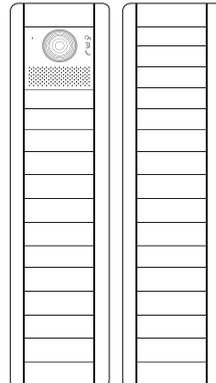
Up to 13	
Up to 27	
Up to 54	
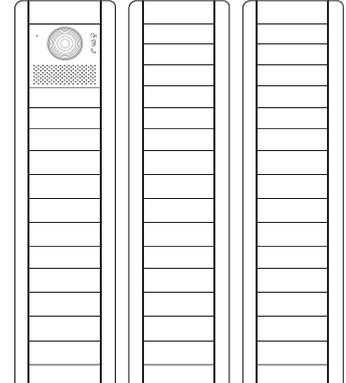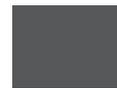
Up to 20	
Up to 42	
Up to 84	

Fast and intuitive.
Installation responds
to your needs.

Rapid access through the front opening.

The 180° front opening offers rapid access to the electronic units and name cards for ordinary maintenance, **without having to remove the whole entrance panel**.

Compatibility with existing installations.

Pixel is compatible with all boxes in the 1200, 1300 and 8000 series, offering cutting-edge technological and design solutions even in the most common restructuring works, requiring no masonry works.

No-lose screws.

The entrance panels are fitted with special stainless steel screws locked into the front modules.

Mini-USB for quick configuration.

A Mini-USB plug on the front, **protected** by a rubber membrane, is used to connect a PC for configuration via the SaveProg software.

Perfectly flush to the wall.

With the stainless steel screws fixing the cover plate to the mounting frame, the entrance panel is aligned perfectly flush to the wall.

Mounting frame and boxes.
Value lies in the details.

Internal eaves against water infiltrations.

The frame has two internal eaves to protect the entrance panel further from any water infiltration. The front one protects the gap between the electronic unit and the cover plate. The rear one, with a small incorporated gutter, allows any infiltrations to run off to the side, thus also protecting the rear of the electronic unit.

Freedom of movement with vertical hinges.

With the special module configuration, each unit is supported by vertical hinges, leaving the hands free to work.

Reinforced boxes.

The boxes have reinforced side walls to prevent bending during fitting operations. They also have fixing points to facilitate mounting onto wooden frames during masonry works.

Stainless steel screws.
Quick to screw on.

Every frame is fitted as standard with two stainless steel screws, 30 mm long, supporting even long depths, with guaranteed quick screwing, resistance and hold. The boxes on the other hand are supplied with two incorporated nuts.

Protected cables, perfectly aligned in banks.

A spacer with a hollow, hermetically sealed interior is used to pass the cables from one box to another, completely isolated from the atmospheric agents, and helps to align the boxes in banks perfectly and rapidly.
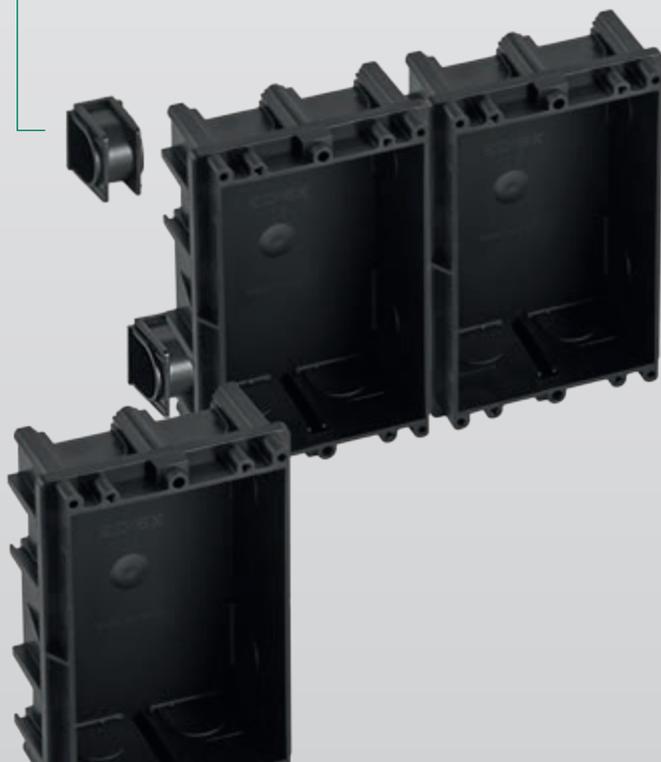
Flush or surface mounting. It's up to you.

Pixel entrance panels can be installed either flush or surface mounting, in both cases guaranteeing great aesthetic performance. For flush mounting, the accessories include an elegant rainproof cover, supplied as standard with surface mounting boxes.

Antimortar cover supplied as standard.

The boxes are supplied with a cardboard antimortar cover to protect them during installation.

Other new products.

TAB: the ultra-thin entrance panel with handset and 4.3" wide display.

Tab revolutionises the video door entry system world, interpreting precise design and technological standards. With an elegant design in two colour variants; modern and simple to combine; ultra-thin, to fit into any space, capacitive keyboard and above all a new 4.3" display, even larger than previous versions. The flexible and dynamic elegance of Tab is able to satisfy all use and installation needs, and also comes in an open voice version, Tab Free, and an interphone-only version, TAB jr.

4,3"

TAB series

Latest-generation products able to satisfy all use and installation needs.

TAB 3.5"

TAB Free

TAB jr.

TAB 4.3"

Thinner, more compact and easier.

Improved visual performance with the new 4.3" display.

For any even broader colour vision, with ultra-high definition.

Slim profile that doesn't get in the way.

One of the slimmest on the market, just 2.5 cm, or even 2 cm when used with the special semi-flush mounting support.

New capacitive buttons.

The intuitive icon graphics and simplicity of touch buttons, even for controlling brightness and volume

2 DUE FILI PLUS

TAB is based on Due Fili Plus technology, for installations up to a maximum of 484 speech units, 6,400 internal units and 128 porter switchboards, covering a distance of up to 1200 metres.

Close-up view.

Details that make the
difference.

Profile.

Ultra-thin: the main body
of TAB is just 2.5 cm thick.
And thanks to the fixing
bracket, it is easily applied
to the wall.

4,3"

Colour display.

Visual performance in a
4.3" display offering high
definition, colour images of
the outside.

Appearance.

TAB is available in white or black:
both versions are finished with
a special glossy effect typical of
today's ultra-modern technology.

Capacitive keyboard.

TAB is the first monitor to have buttons and controls flush with the surface. There is no extra bulk, in line with the minimal design of the appliance as a whole. 8 functions, 4 of which are standard and 4 programmable for intercom calls or auxiliary services.

Accessibility.

TAB has an internal coil which allows hearing aid wearers to use the device. Plus, the keyboard is back-lit: each icon lights up if the corresponding function is activated.

Ringtones.

There are 10 different pre-set melodies in the TAB device memory: simply select your favourite and adjust the volume according to your requirements and the application contexts.

Porter video switchboard: up to 128 units in one installation. This is communication.

In large residential complexes, video door entry systems have to satisfy precise needs. For this reason we have designed the porter video switchboard, an authentic management centre that perfectly coordinates all communication flows between the different units. Up to 128 switchboards can be installed in a single Due Fili Plus system, guaranteeing top performance.

Large-scale advantages.

All under control with the 7" LCD display.

The 7" LCD display ensures excellent viewing and control of all calls from speech units and their diversion to the required internal unit.

Programming of the related zones.

Each switchboard can be assigned to a given related zone, corresponding to a series of internal units. The related zones can be programmed by time band, which can change over a 24 hour period, to ensure they are always monitored.

Alarm signalling via the "Panic button".

It is also possible to view and signal alarms easily and efficiently, using the "panic button".

Two possibilities: handset and open voice.

Two response options to communicate freely even when busy doing something else.

The porter switchboard is based on Due Fili Plus technology, for installations up to a maximum of 484 speech units, 6,400 internal units and 128 porter switchboards, covering a distance of up to 1200 metres.

Multiple installation.

It is possible to install up to 128 switchboards in a Due Fili Plus system, 16 main ones in parallel.

Video door entry systems - New products

ELVOX

ENTRANCE PANELS
PIXEL SERIES

MONITOR
TAB SERIES

PORTER
SWITCHBOARD

INTERPHONE
POWER SUPPLY

Pixel: installation features

Flush mounting boxes
The boxes have reinforced side walls to prevent bending during installation as well as fixing points for extra hold on the wall. Supplied as standard with antimortar cover and protective green adhesive strip for protection during installation.

Rainproof cover
For mounting boxes, available from 1 to 9 modules (3x3).

Electronic units
Audio, audio/video electronic units, with standard or with wide-angle lens, with or without teleloop. With vertical hinges for each insertion and fixing to the frame.

Front modules
For audio, audio/video electronic units, display and alphanumeric keyboard. With no-lose steel screws for fixing the electronic unit firmly to the frame. Available in grey, black and white.

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

Fixing nut
Steel nut incorporated in the box for quick fixing to the mounting frame.

Button modules
Single or double axial button, rocker button or alphanumeric keyboard to be combined respectively with the electronic units with buttons or keyboard.

Electronic expansion units
Unit for combination with audio or audio/video electronic units, for expanding call buttons, adding a 3.5" LCD colour display with contacts list, an alphanumeric keyboard or a house number or name card plate.

Mounting frame
The die-cast metal mounting frame has hinges for inserting and fixing the fronts and electronic units comprising the entrance panel. Also fitted with two eaves (one front and one rear) to protect the entrance panel from water infiltration.

Cover plate
IK08 anodized aluminium cover plate, 1 to 3 modules in 4 different finishes: grey, black, white, and anodized grey. Supplied with frame to complete the entrance panel with the electronic units.

Electronic unit connection cable
Every electronic expansion unit has a cable for connecting the audio or audio/video modules to the expansion modules, and it is also possible to create multiple connections in banks with 485 mm long cable (41190).

Installation in banks and protected cables
The mounting boxes can be installed in banks, aligned perfectly and rapidly thanks to the spacer, which holds the boxes firmly together and also acts as a cable gland, being hollow and hermetically sealed.

Due to page layout constraints, the photographs are not shown in proportion.

PIXEL

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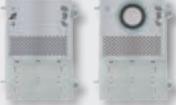
Pixel series

ELVOX

Electronic units

Audio and audio/video electronic units to complete with front modules and installation on frame for the composition of Pixel entrance panels. Supplied with a standard configuration, they can be customized to suit particular system. The electronic unit can be programmed from the unit or via the SaveProg software.

Conformity to Standards

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

41000 and 41001 - Main specifications

- Electronic unit for composition of audio entrance panels.
- Autogain on loudspeaker power output.
- Echo suppressor, to remove the Larsen effect.
- Automatic configuration of internal and speech unit addresses.
- Light sensor function for automatically adjusting the brightness according to the ambient light.
- 4 conventional call buttons in two rows (2+2).
- Can manage up to 84 button calls, using the additional modules 41010.
- Controls an electrical lock connected directly to the electronic unit.
- Possibility to connect a local door open button or a "door open" warning sensor.
- Front Mini-USB connector for connecting a PC via a USB/Mini-USB cable, for configuration using the Due Fili Plus system management software "Save Prog", which can be downloaded from the website www.vimar.com.
- Standard configurations can be made by using the 4 front call buttons and their 4 indicator LEDs.
- 41001 with front LED for signalling: call in progress/communication open; enable lock; missed call if the line is busy.
- 41001 with input for additional power supply (6923).
- 41001 with hearing aid function.

- Can manage up to 84 button calls, using the expansion units 41010.
- Controls an electrical lock connected directly to the electronic unit.
- Possibility to connect a local door open button or a "door open" warning sensor.
- Front Mini-USB connector for connecting a PC via a USB/Mini-USB cable, for configuration using the Due Fili Plus system management software "Save Prog", which can be downloaded from the website www.vimar.com.
- Standard configurations can be made by using the 4 front call buttons and their 4 indicator LEDs.
- front LEDs for signalling: call in progress/communication open; enable lock; missed call if the line is busy.
- Input for additional power supply (6923).
- 41004 with hearing aid function.

Technical data		41003	41004
Power supply from bus		voltage min. 21 Vdc	voltage min. 21 Vdc
Recording angle	horizontal	82°	104°
	vertical	64°	83°
Opening at 1 m	horizontal	1.7 m	2.6 m
	vertical	1.3 m	1.8 m
Current draw in stand-by		30 mA	30 mA
Max current draw in operation (with 8 additional modules, in conversation with lock active)		390 mA	440 mA
Operating temperature		-10 °C to +55 °C	-10 °C to +55 °C
additional power supply		with 6923	with 6923

Option of using additional power supply 6923 where necessary (bus voltage at terminals 1 and 2 of electronic unit registering < 21 Vdc).
The maximum current delivered to the additional electronic modules (back panel) is 500 mA (maximum 8 additional modules).

Technical data	41000	41001
Power supply from bus	voltage min. 21 Vdc	voltage min. 21 Vdc
Current draw in stand-by	25 mA	30 mA
Max current draw in operation (with 8 additional modules, in conversation with lock active)	300 mA	360 mA
Operating temperature	-10 °C to +55 °C	-10 °C to +55 °C
additional power supply	-	with 6923

Option of using additional power supply 6923 where necessary (bus voltage at terminals 1 and 2 of electronic unit registering < 21 Vdc).
The maximum current delivered to the additional electronic modules (back panel) is 500 mA (maximum 8 additional modules).
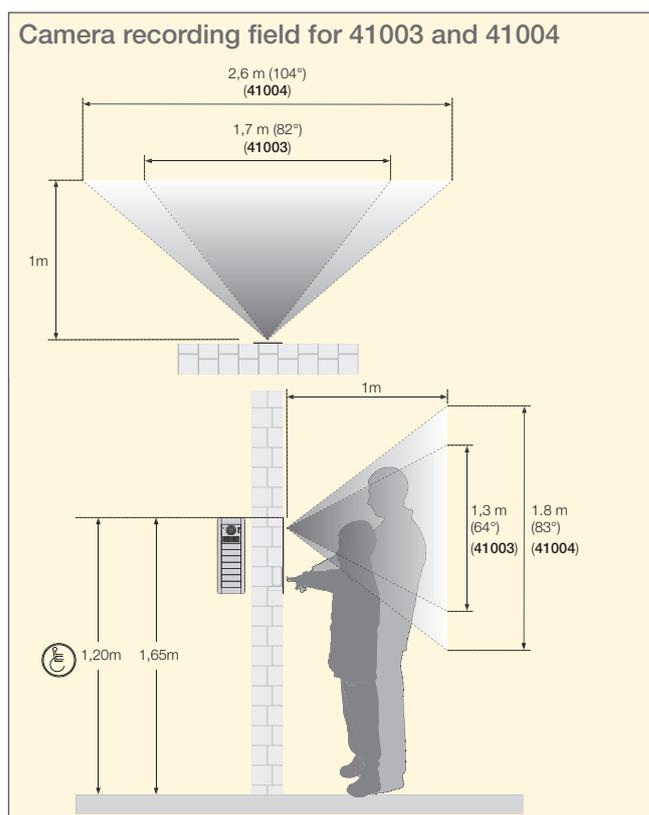
41003 and 41004 - Main specifications

- Electronic unit for composition of audio/video entrance panels.
- Colour camera with 525 TVL resolution and white LEDs lighting the shooting area with automatic brightness control according to the ambient light.
- 41004 with zoom&scan mode for the camera, directly controlled from the internal unit.
- 41004 with 2 picture control modes, standard and enhanced portrait.
- Autogain on loudspeaker power output.
- Echo suppressor, to remove the Larsen effect.
- Automatic configuration of internal and speech unit addresses.
- Light sensor function for automatically adjusting the brightness according to the ambient light.
- 4 conventional indoor unit call buttons in two rows (2+2).

Camera recording field for 41003 and 41004

Electronic unit

41000	Due Fili Plus audio electronic unit, automatic sound balancing, 4 back-lit call buttons with white LEDs, 1 door opener external button input, 1 direct opening output for electric lock, to be completed with audio front modules and single, double or fixed buttons
41001	Due Fili Plus audio electronic unit, echo suppression, automatic sound balancing, automatic microphone level control, teleloop for hearing aids, 4 call buttons backlit with white LEDs with photocell lighting control, call status indicator LED, 1 input configurable as external button for CA door opener or PA door open, 1 direct opening output for electric lock, to be completed with audio front module and single, double or fixed buttons
41003	Due Fili Plus audio/video electronic unit, colour camera, 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, 1 input configurable as external button for CA door opener or PA door open, 1 direct opening output for electric lock, to be completed with audio front modules and single, double or fixed buttons
41004	As above, with wide-angle colour camera and teleloop for hearing aids

41000   41001

41003   41004

Video door entry systems - New products
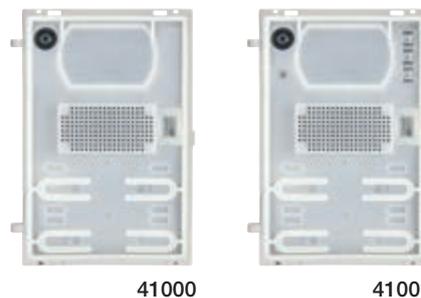
Pixel series

Expansion electronic units

These electronic units have to be connected to audio or audio/video electronic units, for adding: call buttons, alphanumeric keyboard, display with electronic contacts list, back-lit name cards or house number plates. The expansion units are supplied with a cable for connection in series with the audio or audio/video electronic unit. For particular module arrangements, an additional cable 41190 is available, length 485 mm.

Conformity to Standards

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

41010 - Main characteristics

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

Technical data	41010
Power supply via audio or audio/video electronic unit	5 Vdc
Max current draw in operation	60 mA
Operating temperature	-10 °C to +55 °C

41018 - Main characteristics

- Expansion unit with 3.5" LCD display with resolution 320 x 480 pixel and 65 K colours.
- 3 buttons for navigation and making calls from the electronic contacts list.
- Electronic contacts list for 8192 names and 2000 codes for opening locks from the entrance panel. The contacts list can be programmed via the SaveProg software.
- Cable for connection of audio, audio/video electronic unit or to another additional module.
- 2 connectors for connection to modules.
- To be completed with front display module (41118.0x).
- Input for additional power supply 5 Vdc 220 mA.
- Possibility of connecting a local push button for lock opening.

Technical data	41018
Power supply via audio or audio/video electronic unit	5 Vdc
Max current draw in operation	220 mA
Operating temperature	-10 °C to +55 °C

Possibility for additional power supply 5 Vdc 220 mA.

41019 - Main characteristics

- Expansion unit for alphanumeric keyboard for opening the lock from the entrance panel with a code. If connected to the display unit 41018, it can also send calls to internal stations.
- 3 buttons for navigation and making calls from the electronic contacts list.
- Cable for connection of audio, audio/video electronic unit or to another expansion unit.
- 2 connectors for connection to units.
- To be completed with front keyboard module (41119.0x).
- Possibility of connecting a local push button for lock opening.
- 1 output for auxiliary services max 60 Vdc 1 A.

Module connections

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

Connection to audio or audio/video electronic unit, positioned on the side
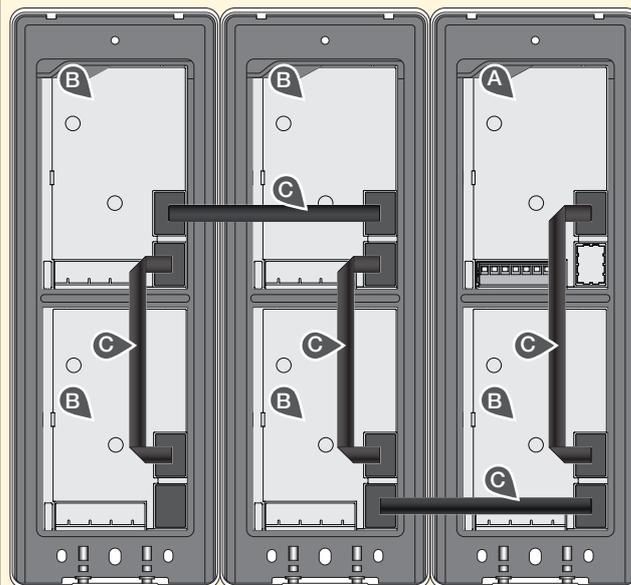
Connection to audio or audio/video electronic unit, positioned on the centre

ELVOX

Expansion electronic unit

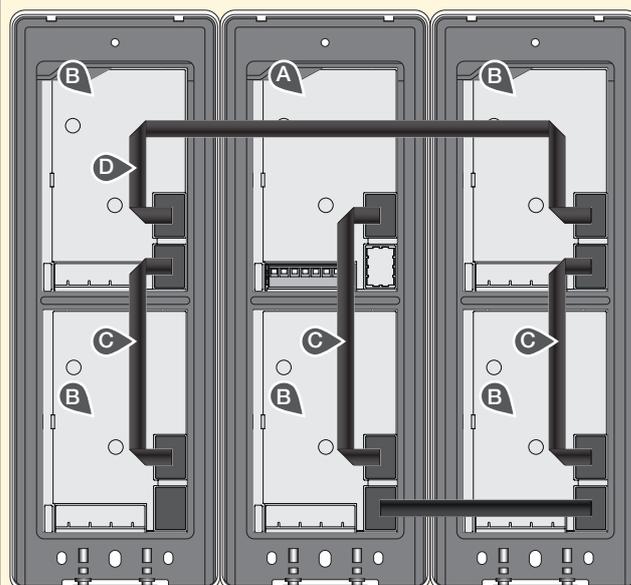|	
41010	Electronic unit with 10 buttons in two rows (5+5) backlit with white LEDs, photocell and manual LED brightness adjustment via audio or audio-video units, complete with name-plates, to be completed with 10-button front module
41015	Electronic unit with name card or house number backlit with white LEDs, photocell and manual LED brightness adjustment via audio or audio-video units, to be completed with name card/house number front module
41018	Electronic unit with 3.5" display, 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, 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

41010   41015

41018   41019

Connecting cable for electronic units

41190	Cable for vertical and/or horizontal connection of modules with integrated IP protection, length 485 mm

41190

Video door entry systems - New products
Pixel series

ELVOX

Front modules

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 or audio/video electronic units.
D) Audio or 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
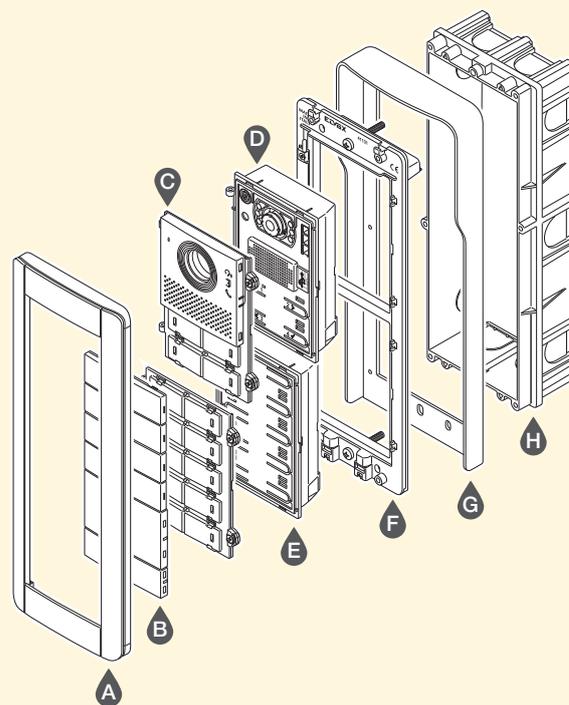
Surface mounting with built-in rainproof cover
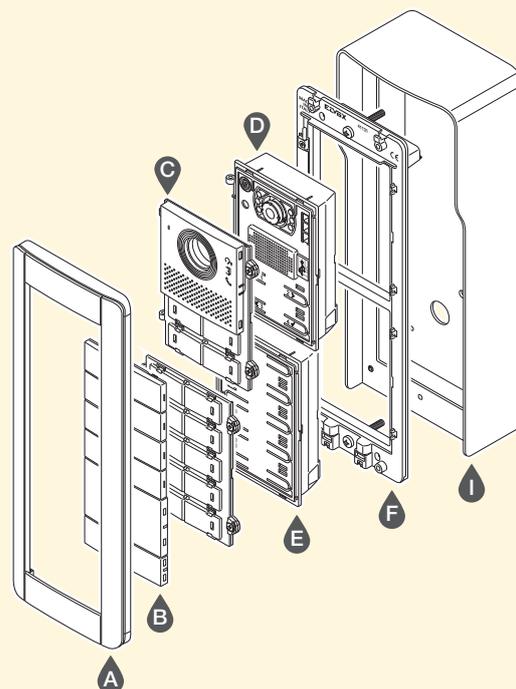
Pixel series

Front modules

41100.01	Standard audio front cover for Due Fili Plus audio electronic unit 41000, grey
41100.02	As above, black
41100.03	As above, white
41101.01	Audio front cover for Due Fili Plus audio electronic unit 41001, teleloop symbol for hearing aids, grey
41101.02	As above, black
41101.03	As above, white
41103.01	Audio/video front cover for Due Fili Plus audio/video electronic unit 41003, grey
41103.02	As above, black
41103.03	As above, white
41104.01	Audio/video front cover for Due Fili Plus audio/video electronic unit 41004, teleloop symbol for hearing aids, grey
41104.02	As above, black
41104.03	As above, white

41100.01
grey

41100.02
black

41100.03
white
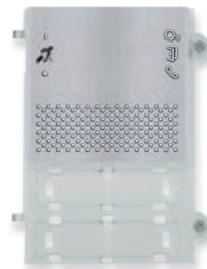
41101.01
grey

41101.02
black

41101.03
white

41103.01
grey

41103.02
black

41103.03
white

41104.01
grey

41104.02
black

41104.03
white

Video door entry systems - New products

Pixel series

Front modules

41118.01	Display front cover for electronic unit 41018, grey
41118.02	As above, black
41118.03	As above, white
41119.01	Keypad front cover for electronic unit 41019, grey
41119.02	As above, black
41119.03	As above, white
41115	Name card/house number front cover for electronic unit 41015

41118.01
grey

41118.02
black

41118.03
white

41119.01
grey

41119.02
black

41119.03
white

41115

Button modules

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

41110   **41111**   **41112**

Blank modules

|	
41113.01	Single fixed button, grey
41113.02	As above, black
41113.03	As above, white
41114.01	Double fixed button, grey
41114.02	As above, black
41114.03	As above, white
41121.01	Blank front cover, grey
41121.02	As above, black
41121.03	As above, white

41113.01
grey

41113.02
black

41113.03
white

41114.01
grey

41114.02
black

41114.03
white

41121.01
grey

41121.02
black

41121.03
white

Video door entry systems - New products
Pixel series

ELVoX

Mounting frames and cover plates

41131.01	Mounting frame and cover plate for 1 module, grey. Dimensions 99.5x161 mm
41131.02	As above, black
41131.03	As above, white
41131.04	As above, anodized grey
41132.01	Mounting frame and cover plate for 2 modules, grey. Dimensions 99.5x276 mm
41132.02	As above, black
41132.03	As above, white
41132.04	As above, anodized grey

41131.01
grey

41131.02
black

41131.03
white

41131.04
anodized grey

41132.01
grey

41132.02
black

41132.03
white

41132.04
anodized grey

Video door entry systems - New products
Pixel series

Mounting frames and cover plates

41133.01	Mounting frame and cover plate for 3 modules, grey. Dimensions 99.5x391 mm
41133.02	As above, black
41133.03	As above, white
41133.04	As above, anodized grey

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

Mounting boxes

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

Example of installation in banks   9191   9192   9193

Pixel series

Surface mounting boxes with built-in rainproof cover

41151.01	Surface mounting box for 1 module with built-in rainproof cover, grey. Dimensions 110x167x70.6 mm
41151.02	As above, black
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, black
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, black
41154.03	As above, white
41154.04	As above, anodized grey
41157.01	Surface mounting box for 6 modules (3x2) with built-in rainproof cover, grey. Dimensions 310x281.7x70.6 mm
41157.02	As above, black
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, black
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, black
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, black
41159.03	As above, white
41159.04	As above, anodized grey

41151.04
anodized grey

41152.04
anodized grey

41154.04
anodized grey

41157.04
anodized grey

41153.04
anodized grey

41156.04
anodized grey

41159.04
anodized grey

Rainproof cover for mounting boxes

41141.01	1-module rainproof cover for mounting box, grey. Dimensions 110x167x35.8 mm
41141.02	As above, black
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, black
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, black
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, black
41147.03	As above, white
41147.04	As above, anodized grey
41143.01	3-module rainproof cover for mounting box, grey. Dimensions 110x397x35.8 mm
41143.02	As above, black
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, black
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, black
41149.03	As above, white
41149.04	As above, anodized grey

41141.04
anodized grey

41142.04
anodized grey

41144.04
anodized grey

41147.04
anodized grey

41143.04
anodized grey

41146.04
anodized grey

41149.04
anodized grey

Tab series

ELVOX

TAB series surface mounting video entryphone

Monitor made of thermoplastic material with handset and 4.3" LCD colour display. Equipped with keypad for the video door entry functions: talk/listen, door lock release, self-start, auxiliary services (stair lighting), ringtone muting and 4 programmable additional buttons that can execute up to 4 auxiliary functions or intercommunicating calls.

It is possible to control brightness, ringtone volume, ringtone muting when "User Away" function is activated and ringtone type selection. Facility of selecting different ringtones for calls made from different points, e.g.: external entrance panel, landing call, intercom call.

Signalling of "Door/gate open" and "Unanswered calls" (up to 4 calls with monitor in ringtone muted mode).

The monitor features a hearing aid function as standard.

Conformity to Standards
EMC directive

Main specifications
- Power supply: Due Fili Plus Bus.
- 4.3" LCD display.
- Monitor in ABS casing with gloss finish to front panel.
- Soft touch capacitive keypad with backlit symbols (during operation).
- Electronic ringtone: with diversification between 10 different tunes for entrance panel calls, intercom calls and landing calls.
- Input for landing call.
- Mini-USB connector for programming from PC.
- Designed for surface mounting with back plate either directly to the wall or to a recessed back box (can be fixed with masonry plugs, or screwed to a 3-module rectangular back box or a Ø 60 mm round back box).
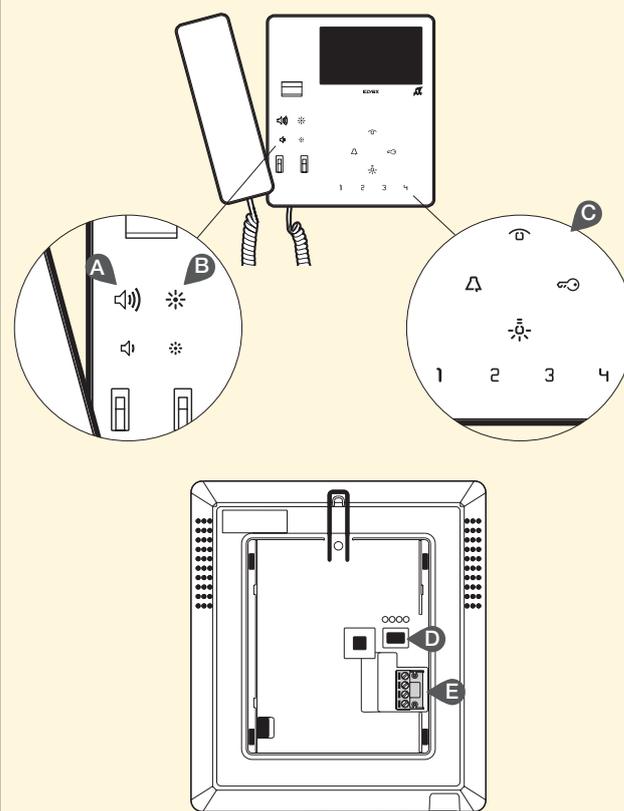- Dimensions of monitor with handset hung up: 160x180x45 mm.

Technical data	
Inputs	
power supply from bus	28 Vdc nominal
current draw in stand-by	10 mA
max current draw in operation	180 mA
operating temperature	0 °C to +40 °C

Soft-touch keypad and luminous indicators

☎	Self-start button.
🔔	Ringtone mute button and indication: - incoming call (from external entrance panel or intercom device) – blinking light. - ringtone muted – light permanently on. - calls made from entrance panel with ringtone muted – light permanently on and blinking every 10s.
🗝	Lock release button. - light permanently on indicates door open.
☀	Auxiliary 1 (Stair light): assigned to auxiliary service.
1 2 3 4	Programmable buttons for activating auxiliary services or intercom calls.

Controls and connections
A) Side volume control.
B) Brightness control on side.
C) Touch-sensitive keypad.
D) Mini-USB connector.
E) Terminal block on fixing plate for connecting the monitor: to the Due Fili Plus system and for connection to an external button for landing calls.

ELVOX

Surface mounting video entryphone

|	
7549	Tab surface mounting video entryphone for Due Fili Plus system with 4.3" colour display, handset, loudspeaker for electronic calls, capacitive keypad for interphone functions and intercom calls, facility for hard of hearing function, bracket for fixing in round or rectangular mounting box, white
7549/04	As above, black

7549
white

7549/04
black

Accessories

753A	Table mounting box for Tab series video entryphones and interphones, white
753A/04	As above, black
753B	Interconnection stud for desktop box, screw terminals, socket outlet RJ45
753S	8 module support (4+4) for surface mounting of Tab 7549 and 7529 video entryphone, with screws for Vimar V71318, V71718 boxes
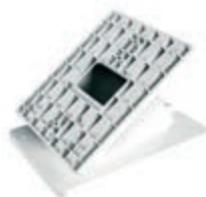
753A
white

753B

753S

ELVOX

Porter switchboards

Porter switchboard for Due Fili Plus systems. Controls calls coming from main entrance panels, interphones and monitors. Can be used to call internal units and connect them (intercom function). With 7" 16:9 LCD colour display with internal contacts list. Auxiliary services can be enabled from the switchboard, with the possibility to programme related zones to manage internal units. The Due Fili Plus system contains up to 128 porter switchboards and up to a maximum of 16 main switchboards in the horizontal bus.

Main specifications

- Dedicated power supply with additional power supply.
- Mini-USB for configuration and firmware updating
- Internal-External operating mode.
- ABS thermoplastic casing.
- 7" 16:9 LCD colour display, resolution 800 x 480 pixel, 16 M colours.

- Handset for communications with entrance panels and interphones/monitors.
- Open voice function.
- Possibility to use with earphones or other external audio units.
- Keyboard for making calls, managing functions and configuring the switchboard (communication parameters, internal contacts list, list of missed calls and alarms).
- Control of external door locks, stair lights and system relays.
- Call diversions according to programmed time bands.
- The CCTV cameras can be set for surveillance cycles
- Bus cable connection on the rear of the appliance.
- Operating temperature 0 to +40 °C.
- Desktop installation.
- Maximum size: 240x240x150 mm.

Porter switchboard

40510   Porter switchboard for Due Fili Plus system with keyboard and 7" LCD colour display, electronic contacts list, call and alarms displayed with panic button, management of indoor units with programmable time bands, management of related zones

40510

Video door entry systems - New products

Interphone power supply

40101 - 28 Vdc power supply

Main power supply for Due Fili Plus interphone systems. The power supply unit simultaneously powers entrance panels, interphones and other devices within the limits of the current delivered, above which one power supply unit 6923 is needed for each added appliance (entrance panel, etc.).

Regulatory compliance

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

Main technical specifications

- Electronic protection inside primary winding, not resettable.
- Casing made of engineering polymer class V0 UL-94, DIN rail mountable enclosure, 6 x 17.5 mm module.
- Maximum overall dimensions: 108x97x63 mm.

Technical data	
Inputs	
operating voltage	from 110 to 240 Vac 12 W
rated current	max 0.7 A (110 V), 0.4 A (240 V)
operating temperature	-5 °C to +35 °C
operating frequency	50/60 Hz
Power supply	
rated voltage	28 Vdc
rated current	1 A max (0.6 A continuous service + 0.4 A intermittent 60 s ON and 120 s OFF)
available outputs	1, 2 / B1,B2

Interphone power supply

Power supply - Devices for DIN (60715 TH35) rail

40101   Power supply unit for Due Fili Plus video door entry system, 28 Vdc output, supply voltage 110-240 V~ 50/60 Hz, for DIN (60715 TH35) rail installation, occupies 6 17,5 mm modules

40101

VIMAR