

SIP door entry system.

Solutions on VOIP infrastructure.



SIP.

Session Initiation Protocol.



SIP (Session Initiation Protocol) is the most commonly used protocol in the VOIP telephony business market. It is used to create audio or audio-video communication sessions between one or more participants. These sessions include Internet phone calls (Voip).





> Pixel and Pixel Heavy.

Beauty and strength.

Modular panels with a slim, modern design, Pixel in aluminium with four colour variants: grey, white, slate grey and anodised grey, and Pixel Heavy in zamak, with a single special sable grey finish, which offers greater weather and impact resistance, with degree of protection IK09, IK10 and IP54, constitute a timeless panel. Affording extensive modular design possibilities and freedom of composition, Pixel can be ordered specifically as you want it, responding perfectly to actual installation needs.



PIXEL

PIXEL HEAVY



PIXEL UP

> Pixel Up.

Slimline and strong.

Pixel Up is the entrance panel with front cover plate made of 316 stainless steel with brushed finish, with thin thickness and distinguished by a linear design and by a reduced protrusion from the wall, of just 3 mm. Available in the version with alphanumeric keyboard, stainless steel buttons and colour display protected by 5 mm thick polycarbonate glass, it has protection degree IP54 and protection degree IK08 for impact resistance. For flush mounting, the entrance panel is supplied with a stainless steel box, to which the cover plate is fixed using special anti-tamper screws.



> Pixel, Pixel Heavy and Pixel Up. Common features.



WIDE-ANGLE CAMERA.

Camera with high-definition wide-angle lens. Recording range can be controlled directly from the indoor station using the pan&zoom function.



SENSOR: HIGH-SENSITIVITY AND HDR.

The high sensitivity of the sensor allows you to see even in areas with low brightness. The High Dynamic Range (HDR) technology in fact allows you to identify the caller even in poorly lit areas.



AUTOMATIC BRIGHTNESS SETTING.

The intensity of the LEDs used for lighting the video camera is self-adjusting according to the environmental light, to ensure optimal visibility of the caller and the surrounding area.



VISUAL CALL SIGNALLING.

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



CONTACTS LIST WITH UP TO 6400 NAMES.

Thanks to a user-friendly navigation menu, the entrance panel can manage up to 6,400 names. Calls can be made by scrolling the contacts list or entering the required number.



HARD OF HEARING FUNCTION AND SPEECH SYNTHESIS FOR VISUALLY IMPAIRED USERS.

The hard-of-hearing function allows hearing aid wearers to listen to the conversations directly in the hearing aid; the voice synthesis allows the blind and poor-signed to listen to a specially recorded vocal message reproduced by the entrance plate for each command.



ECHO CANCELLER AND NOISE REDUCTION.

Echo Canceller means you can have a natural, two-way conversation, automatically avoiding annoying audio feedback (Larsen effect). You will hear loud and clear thanks to the Noise Reduction function.



AUTOMATIC GAIN CONTROL.

Sound levels are always outstanding thanks to automatic gain control (AGC) and voice activity detection (VAD).



> Pixel and Pixel Heavy.

IMPACT RESISTANCE AND DEGREE OF PROTECTION.

Pixel is an aluminium panel affording a high degree of protection against atmospheric agents (IP54) and against impacts (IK08). Pixel Heavy in zamak is even more resistant, with IK09 and IK10 ratings.

Pixel: in aluminium with various finishes: grey, slate grey, anodised grey and white.

Pixel Heavy: sable grey finish.

UP TO 4 PUSH BUTTONS IN A SINGLE MODULE.

The audio/video module, which is the heart of the panel, comes with 4 push buttons in two rows for small installations.

FLEXIBLE, MODULAR DEVELOPMENT, FROM 1 TO 84 CALL BUTTONS.

Pixel and Pixel Heavy can be used to create various combinations according to need, starting from 1, 2 and 3 modules vertically and up to 3 rows horizontally, for a composition of 9 modules and allowing up to 84 calls with rocker buttons.

FLUSH-MOUNTING IN SERIES OR SURFACE MOUNTING WITH RAIN-PROOF FRAME.

Pixel panels can be either flush mounting or surface mounting. In both cases, they guarantee great functional performance.

For mounting in series, the flush mounting boxes are fitted with a spacer that secures them tightly together.

Flush mounting can be completed by adding the rain-proof frame which is incorporated into the surface mounting boxes.



> Pixel Up.

COMPOSITION.

The 405x145 mm cover plate is fixed to the mounting box (382.1x124.1x60 mm) with special steel anti-tamper 6 screws. It can also be surface mounted using the dedicated box with rain-proof frame.

HIGH PERFORMANCE 3.5" DISPLAY.

Wide viewing angle and backlighting that allow easy reading of information even in bright light. 5 mm thick polycarbonate screen protector.

BACKLIT KEYBOARD.

Backlit stainless steel keys with Braille codes featuring multitap function for rapid name search.





> Pixel and Pixel Heavy.

Electronic units

41007	SIP electronic unit for audio-video entrance panel, wide-angle colour camera, automatic lighting adjustment of the field of view, echo suppression, automatic sound balancing, automatic loudspeaker level control, automatic microphone level control, teleloop for hearing aids, 4 call buttons backlit with white LEDs for dusk/dawn lighting control, call status indicator LED, 1 output for direct electric lock opening connected to S+ and S-terminals, programmable input for connecting a lock opening control button connected to terminals CA+ and CA-, or for a door status sensor, to be completed with audio/video front cover and single, double button or blank module, PoE power supply
41010	Electronic unit with 10 push buttons in two rows backlit with white LEDs, photocell and manual LED brightness adjustment via audio-video modules, complete with frame, to be completed with single axial or rocker, double axial or fixed buttons
41018	Electronic unit with 3.5" display for audio-video units, 3 buttons for calls from contacts list backlit with white LEDs, 1 input configurable as external push 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 push button for CA door opener or PA door open, 1 N/O relay output, to be completed with front keyboard module
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

INSTALLATION ACCESSORIES

To complete the installation of the entrance panels with front modules, supports, flush mounting boxes, rain guards, surface mounting boxes, universal adaptors and related accessories, refer to the Pixel and Pixel Heavy series in the video door entry system catalogue



41007



41010



41018



41019



41015

> Pixel Up.

Entrance panels and accessories

40415.S	SIP Colour audio/video entrance panel with keypad, display and electronic directory, complete with metal flush mounting box
40414.S	SIP Colour audio/video entrance panel with keypad, display and electronic directory, with 40x40 mm hole for access reader, complete with metal flush mounting box
40440	Surface mounting box with rain-proof frame for Pixel Up entrance panel
40430	Zinc-plated metal flush mounting box for Pixel Up entrance panel



40415.S



40414.S



40440

Video door entry system



Kit with Pixel entrance panels

K41007.01 SIP audio/video kit containing 1 SIP A/V wide-angle teleloop unit (41007), 1 grey A/V Pixel teleloop front module (41105.01), 1 Pixel single axial button (41010), 1 Pixel grey single blank module (41113.01), 1 support + frame 1M Pixel, grey (41131.01), 1 flush mounting box for 1 module entrance panel (9191), including 1 licence for audio/video calls, already installed and activated

K41007.02 SIP audio/video kit containing 1 SIP A/V wide-angle teleloop unit (41007), 1 grey A/V Pixel teleloop front module (41105.01), 2 Pixel single axial buttons (41010), 1 Pixel grey single blank module (41113.01), 1 support + frame 1M Pixel, grey (41131.01), 1 flush mounting box for 1 module entrance panel (9191), including 2 licences for audio/video calls, already installed and activated



K41007.01



K41007.02

Kit with Pixel Heavy entrance panels

K41007.03 SIP audio/video kit containing 1 SIP A/V wide-angle teleloop unit (41007), 1 grey A/V teleloop front module 1P IK10 IP54 Heavy (41271), 1 support + frame 1M Heavy (41231), 1 flush mounting box for 1 module entrance panel (9191), including 1 licence for audio/video calls, already installed and activated

K41007.04 SIP audio/video kit containing 1 SIP A/V wide-angle teleloop unit (41007), 1 A/V teleloop front module 2P IK10 IP54 Heavy (41272), 1 support + frame 1M Heavy (41231), 1 flush mounting box for 1 module entrance panel (9191), including 2 licences for audio/video calls, already installed and activated



K41007.03



K41007.04

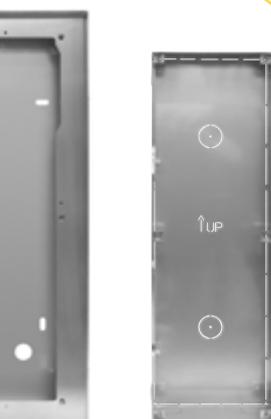
> Software licences.

Software licences for compatible SIP devices

40690	USB storage device containing the licence activation codes for 1 SIP audio/video call
40690.10	As above, for 10 licences and SIP audio/video calls
40690.50	As above, for 50 licences and SIP audio/video calls
40690.100	As above, for 100 licences and SIP audio/video calls
40690.200	As above, for 200 licences and SIP audio/video calls
40690.A	USB storage device containing the licence activation codes for 1 SIP audio call
40690.A10	As above, for 10 licences and SIP audio calls
40690.A50	As above, for 50 licences and SIP audio calls
40690.A100	As above, for 100 licences and SIP audio calls
40690.A200	As above, for 200 licences and SIP audio calls



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