iPG+

Technological evolution

golmar

iPG+ Endless possibilities in just one system

IP G+ is a system that transmits audio, video and data in digital format using TCP/IP protocol, and it's characterized by the great capacity and versatility.

The IP G+ devices communicate with each other through a conventional ethernet local network, being able to share the network with other elements or systems.

The system allows CCTV IP cameras integration using the ONVIF protocol, modules for lift control, staircase light relays, SIP protocol telephone switchboards and even home automation applications for home control.

One of the distinctive features respect to other TCP/IP systems is the possibilty of installing up to 16 monitors through daisy chain connection. To do this, a one output DCS/G+ switch is to be installed on the back of each of the monitors.
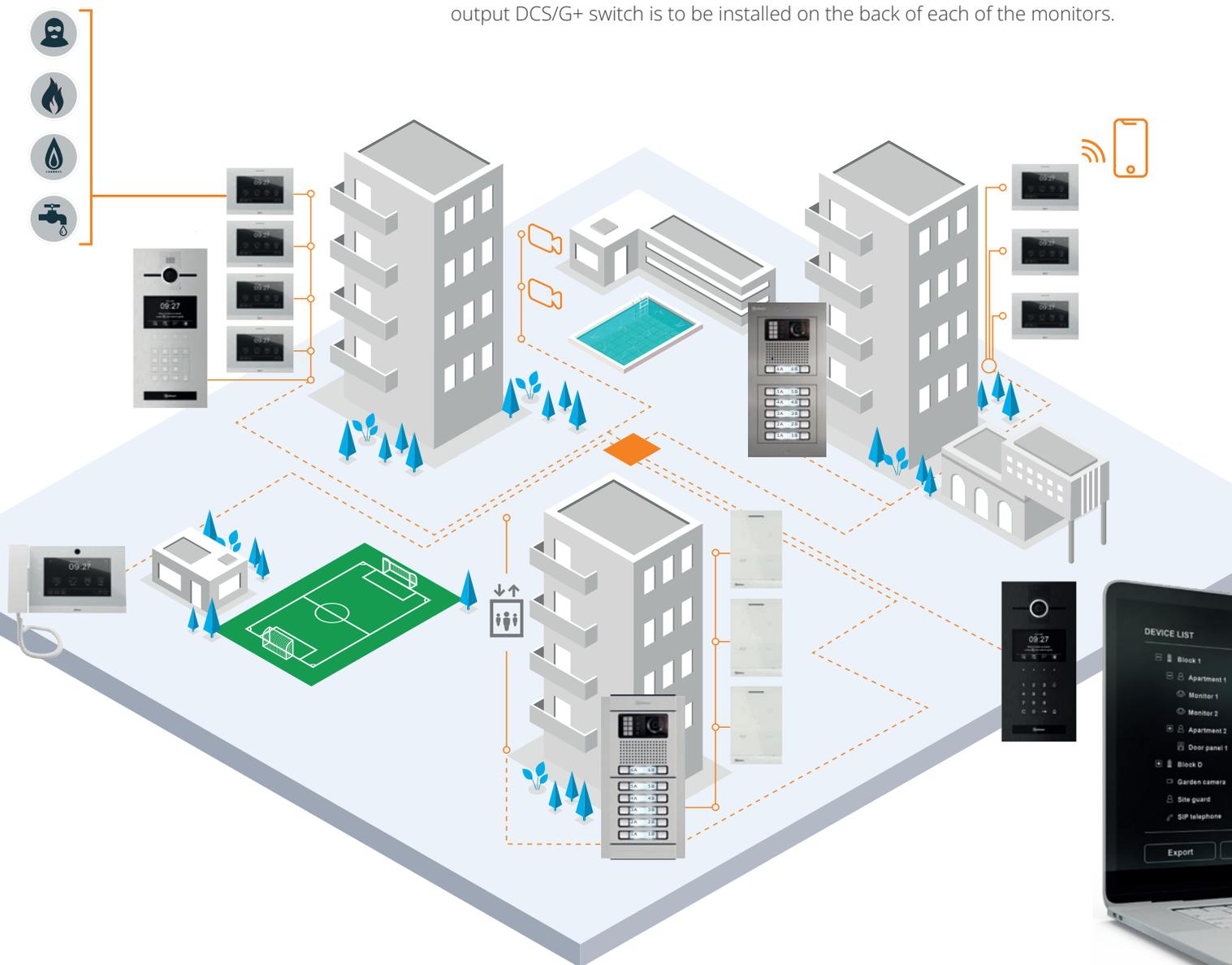
Serverless IP technology

The greatest advantage of this system is the absence of a server, reducing the cost of implementation, increasing reliability and simplifying maintenance.

One of the system door panels is responsible for managing the installation and registration of each of the devices. In this way, it will not be necessary to configure the changes applied in each of the system monitors or assign IP addresses for registration.

The result is a system that is easy to configure, since it does not require specific knowledge about networks.

19 door panels per building and 19 general door panels

799 apartments per building and up to 6 units in each apartment

9 concierge units per building and 19 general concierge units

32 ONVIF IP cameras in the system

Up to 8 alarm inputs per apartment

30 IP PABX servers per system and VOIP telephones

Easy configuration

It is possible to configure the system in an easy and intuitive way from the monitors, without the need to use a computer. Simply set the address of the apartment and building of the monitor through the on-screen menu, as if it were a traditional BUS system. The monitor is registered and an IP address is automatically assigned.

For installations with audio units, in which the configuration cannot be carried out from the same device due to the lack of a screen, registration is done from the browser of a computer connected to the network and thanks to the web client integrated in each of the units, or even through their MAC addresses using a simple PC software.

In advanced configurations, such as those of systems that contain IP cameras or SIP devices, programming must be done by accessing the web client of the system management door panel, that will also allows us to export the system configuration and the system event log.

Integration

CCTV IP

The IP G+ system allows adding up to 32 CCTV cameras with ONVIF protocol. Once the cameras have been registered, it will be possible to select which devices can view each of them.

The registered cameras can also be associated to concierge units or door panels; in this way, during a communication process it will be possible to view the video image coming from them.

×**32**

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🎭 **Intrusion**

🔥 **Fire**

💧 **Gas**

🚰 **Water**

8

Alarm detection

By using standalone local detectors connected to the configurable relay inputs, the system monitors allow the supervision of up to 8 alarm zones. Two output relays, also configurable, will allow acting on the causes of the alarm.

The alarms can be notified to the concierge unit and received on your mobile phone through the G2Call+ app (only available for users with Wi-Fi monitors).

VOIP telephones

The system is SIP 2.0 compatible, which enables integration with PABX exchanges and IP telephones.

Lift controller

The lift control module improves security by limiting unauthorized access to certain floors of the building or condominium.

If the door opening is activated during a communication process, the module will indicate to the lift the floor from which the call originated and the one that requested the door opening. In this way, the visitor will only be able to access the floor that authorized them to enter the building.

It is also possible to associate the lift control module with the access control card reader of the entrance door panel or an standalone reader with Wiegand protocol. When an owner presents his card, the module will enable the lift button corresponding to the floor where the associated apartment is located.

In addition, during an intercommunication process between neighbours, the lift control module will manage the possibility of access between floors.

Sixty5

Golmar DNA

Sixty5, as the result of more than 65 years of Golmar's experience, borns to answer to the requests of the most demanding markets. Thanks to the flexibility provided by the Linux system, under which it has been developed, it will be possible to increase the already innumerable features and functionalities through future software updates, as well as to integrate with other device manufacturers.

146(W) x 317(H) x 50(D) mm

High quality finishes

A front made of anodized aluminum through a meticulous numerical control process, and the keyboard illuminated in white, give this board an unbeatable finish. **Available in natural aluminum and black colors.**

Access control

The door panel offers two access control modes: by means of a code for each apartment, using the keyboard and modifiable from the monitor, or through the integrated RFID reader with capacity for **up to 2000 users.** Users are registered in to one of the system door panels, and clone to the rest over the network. The GMS software allows you to manage user registrations and cancellations, as well as export a backup copy.

Strength and security

Designed to withstand the most adverse conditions, thanks to its **IP65 and IK07** protection ratings. The absence of visible screws increases the degree of protection and improves the aesthetic finish. In case of forced opening of the panel, it is possible to send an alarm message to the concierge unit.

User-friendly

The messages on the 4.3" wide screen guide the visitor to facilitate the call to an apartment or the search for a neighbour. The built-in presence sensor turns off the screen automatically in the absence of a visitor, saving energy and extending its operating life. It is possible to change the language in a simple way, especially useful in cosmopolitan environments.

****

Enter access code and select door

1 2 3
4 5 6
7 8 9
C 0

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Door open.

1 2 3
4 5 6
7 8 9
C 0

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Nexa

The flagship modular panel

Its two finishes, in anodized aluminum or stainless steel, give Nexa panels great versatility.

Available in four heights, the panels can also be horizontally linked to create large configurations. It is possible to separate the push button modules from the video module, facilitating use by people with motor disabilities, in compliance with accessibility regulations.

The interchangeable double or single call buttons and the illuminated keypad buttons are covered in stainless steel and illuminated in white.

The electronic modules, common to both versions, have removable terminals and link via flat cable, saving time and effort during the installation process.

The aluminium version is built using 1.8mm thick modules and 4mm lateral profiles, which give the door panel greater solidity and provide the sensation that it floats on the wall. The anodized treatment makes it easy to clen.

The INOX version uses 2.5 mm thick AISI 316 stainless steel modules. An exclusive passivation treatment prevents corrosion and makes the door panel resistant against acts of vandalism. The possibility of black or gold finishes using the PVD process, makes this door panel an ideal option for the most sofisticated buildings.

ALUMINIUM

153mm — 128mm
256mm — 128mm
358mm — 128mm
460mm — 128mm

INOX

150mm — 134mm
267mm — 134mm
384mm — 134mm
506mm — 155mm
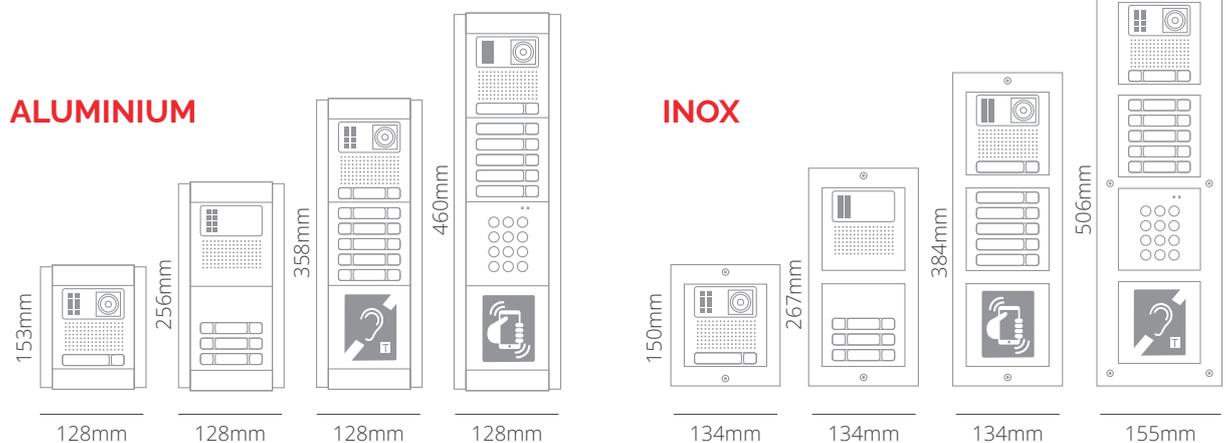
Audio and video

The video modules include a pan and tilt color camera, with wide-angle lens and illumination for night vision.

Accessibility

The voice messages, configurable in several languages, and the illuminated icons indicate the different system status, being a great help for people with visual or hearing problems. An induction loop amplifier is available in option for visitors with hearing aid devices.

Door control

Two integrated relays allow the activation of two doors, such as the pedestrian or the vehicle entrances. The activation can also be remotely done and timed by connecting external buttons. Nexa also has optional access control modules, in numeric keypad or proximity (NFC) versions.
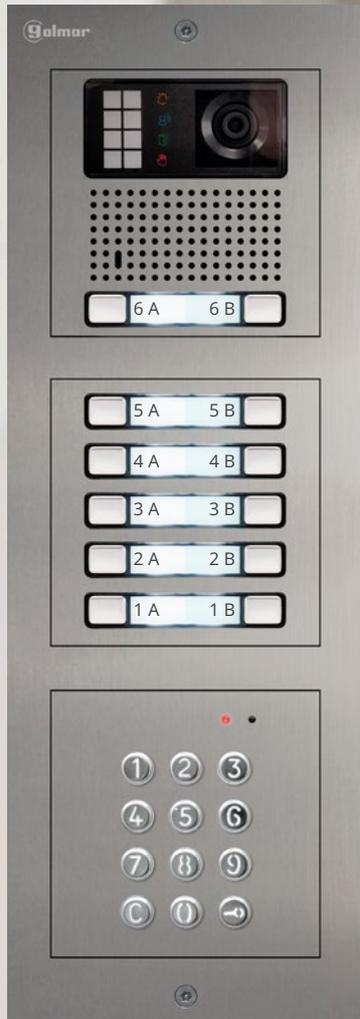
ALUMINIUM

INOX **BLACK** **GOLD**

PCM

Private call panel

Especially designed to maximize the security of your home, since it allows you to establish audio and video communication from your apartment monitor. Its reduced dimensions, less than the width of the frame of most doors, and its installation without works, make it the ideal substitute for conventional bells and peepholes.

Sturdiness
Made of 2mm thick aluminium alloy, with a large metal button.

Color camera
The pinhole lens allows the dimensions of the panel to be reduced to the maximum.

Simple installation
Only 4 wires are required between the panel and the apartment unit. The panel incorporates a 45º angular box that ensures the correct display of the visitor.

45°

Infrared lighting
Unbeatable image even on staircases with low light.

Door opening
The panel incorporates a relay to activate the lock release.
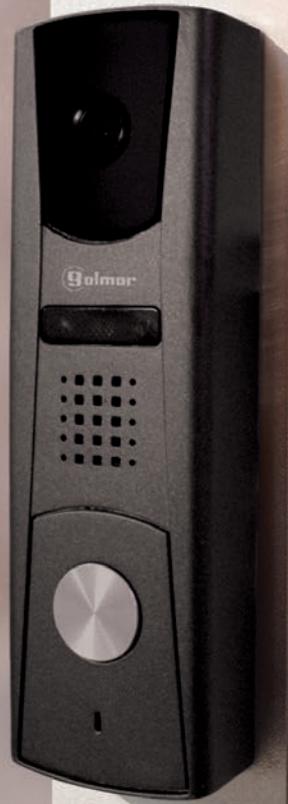
43(W) x 138(H) x 23(D)mm

ART 4T

The most traditional option with the greatest technology

A minimalist design that maximizes performance under suitably reduced dimensions.

The combination of acrylic front and polished ABS plastic on the monitor and handset give it a bright and clean look. The illuminated touch buttons, with acoustic confirmation on push, and the absence of external regulators, avoid the problems of conventional mechanical devices. The strategically located orientation points help visually impaired users to identify the door opener and communication buttons.

The 4.3" widescreen display has an intuitive graphical menu that enhances the user experience. The extended viewing angle allows perfect image quality regardless of installation height.

The neodymium magnets used inside the handset guarantee the perfect hanging of the unit. The dual audio system allows communication through the handset, or "full duplex" hands-free, both modes with exceptional audio quality. The handset is equipped with a special speaker for the hearing impaired.

Preview of system panels and CCTV IP cameras of the common areas

Selectable call reception ringtones and output for external ringer

Internal memory for recording up to 100 images, with automatic deletion after 30 days

Communication with other apartment units of the system and the concierges

Programmable do not disturb and automatic lock activation modes

Induction loop amplifier for hearing aid devices

Selectable activation of up to two locks per panel

Input for door bell apartment pushbutton

48V PoE switch compatible

Activation of auxiliary devices, such as staircase lights

153(W) x 155(H) x 36(D) mm
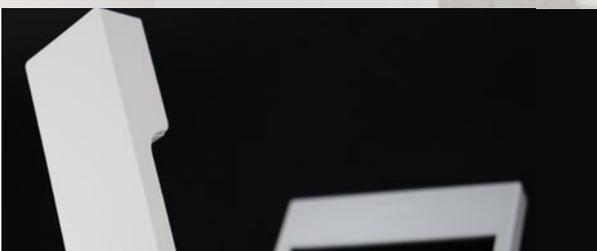
ART 7

Multiple choices with an exquisite design

Following the same aesthetic language as 4" monitors in terms of design and quality of finishes, Art 7 monitors incorporate a 7" capacitive touch widescreen, offering larger images. The led icons on the left of the monitor provide information on the status of some of the functions, such as unanswered calls, do not disturb mode, ...

The monitor has 8 alarm inputs, making it possible to send notifications to the concierge unit. The version with integrated Wi-Fi module allows calls from door panels or guard units to be forwarded to the user's smartphone through the G2Call+ app. This application also notifies possible alarms.

Preview of system panels and CCTV IP cameras of the common areas

Selectable call reception ringtones and output for external ringer

Internal memory for recording up to 100 images, with automatic deletion after 30 days

Communication with other apartment units of the system and the concierges

Programmable do not disturb and automatic lock activation modes

Activation of auxiliary devices, such as staircase lights

Selectable activation of up to two locks per panel

Input for door bell apartment pushbutton

48V PoE switch compatible

Some monitor models also have the following functions:

Integrated Wi-Fi module

Induction loop amplifier for hearing aid devices

PCM private panel input

Android™

ART 7AW

The ART 7 AW monitor is based on the Android™ operating system, which allows the use of home automation management applications or the viewing of IP CCTV cameras registered in an NVR recorder. These and many other functions make this monitor the best choice for the most exclusive apartments.

222(W) x 154(H) x 15(D) mm

CE-ART 7

Community safety

The CE-ART 7 concierge unit represents a revolution for projects that require a tool for centralized management and security. The integrated camera and the Android™ operating system make this device a concierge unit with advanced features.

The neodymium magnets used inside ensure the perfect hanging of the handset, regardless of whether the unit is installed on the wall or on the optional desktop stand.

This unit can receive alarm messages from all the monitors in the installation.

It is also possible to send informative or alarm text messages to one or more members of the community, which is very useful in case of an emergency.

Preview of system panels and CCTV IP cameras of the common areas

Selectable call reception ringtones and output for external ringer

Selectable activation of up to two locks per panel

Communication with other apartment units of the system and concierges

Call to apartments by number or selection in the name list

Virtual keypad, which avoids the wear of the most conventional concierge units keypad

Internal memory for recording up to 100 images, with automatic deletion after 30 days

Input for door bell apartment pushbutton

Do not disturb function

Call forwarding to another apartment when concierge is not in

Activation of auxiliary devices, such as staircase lights

Electronic lock that prevents the use of the concierge unit by unathorized personnel

Event log to show missed calls

Integrated camera to be displayed on the apartment monitor during conversation with the concierge

48V PoE switch compatible
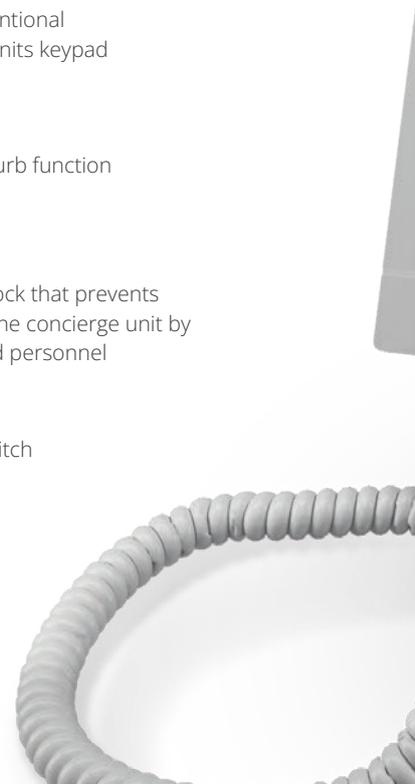
The GMS management software for Windows® includes all the features of the concierge unit. Receive calls from door panels, monitors and even alarm notifications. Thanks to the Golmar Management System software you will be able to know the status of the devices and manage the registration and cancellation of access control cards.

262(W) x 154(H) x 31(D) mm

ART 1

The excellence of essentials

The hands-free audio unit uses the same aesthetic language as the monitors. A combination of acrylic front and ABS plastic that makes it easy to clean. The illuminated touch buttons, with acoustic confirmation on push, and the absence of external regulators, avoid the problems of conventional mechanical devices.

The strategically located orientation points help visually impaired users to identify the door opener and communication buttons.

The "full duplex" system provides excellent hands-free audio communication.
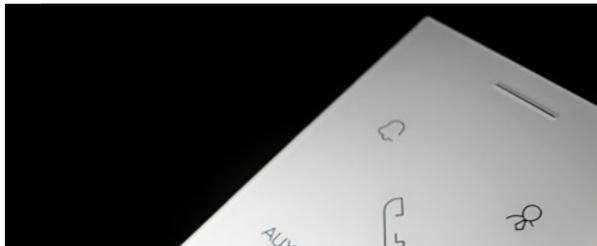
Selectable activation of up to two locks per panel

Do not disturb function

Communication with other units of the same apartment and up to 3 concierge groups

Input for door bell apartment pushbutton

Selectable call reception ringtones and output for external ringer

AUX Activation of auxiliary devices, such as staircase lights

48V PoE switch compatible

AUTO Programmable auto answer

89(W) x 138(H) x 15(D) mm

G2CALL+

to always be connected

A powerful app that allows you to answer your video intercom calls from anywhere in the world.

Control all your devices with G2+ and IP G+ technologies in a simple way and under the same app: the main entrance door, the garage, the beach house, ... And share them with whoever you want by just sending a QR code .

Each device has shortcut icons, making it possible to open any of the doors associated with the devices as if it were a remote control. The app offers the possibility to increase security by requiring biometric scanning or security code to open the door.

The app receive calls from all the door panels in your residential complex, from your private panel and those made from the concierge units.

Receive alarm notifications of your apartment and arm or disarm the alarm from anywhere.

The multi screen function makes it possible to display up to 16 devices simultaneously, whether they are video door panels, CCTV IP cameras or Golmar Wi-Fi residential cameras.

Record video	Show multiple devices simultaneously
Take snapshot	Selectable video quality
View other door panels or cameras	Fullscreen

With the G2Call+ app you will also be able to view any of the IP CCTV cameras registered in the system in the same way as you would from the monitor.

Increase the security level of your home by using our residential Wi-Fi cameras, in their pan and tilt indoor or fixed outdoor versions, being able to open the door of your home to parcel services in your absence and without taking risks. In addition, the indoor mobile camera has human detection with tracking function: in case of detection, it will start video recording on your microSD card and send a notification to your mobile so that you can check what is happening. Both models have audio communication with the application.

G2Call+ is available, free of charge, for phones with Android™ and iOS® operating systems.

CIP-002G2C
31693000

CIP-004G2C
31693001

IP G+ product references

6502/G+
12327402

146(W) x 317(H) mm

6502/G+ BLACK
12327412

146(W) x 317(H) mm

PCM/G+
12325401

43(W) x 138(H) x 23(D)mm

EL632/G+/48
12325632A

Sound module with camera
for Nexa door panels
Two push buttons

CE-6502/G+
12396502

Embedding box

128(W) x 306(H) x 44(D) mm

S7165
12397165

Surface box with
integrated rain shield

150(W) x 320(H) x 67(D) mm

S7165 BLACK
12397165B

Surface box with
integrated rain shield

150(W) x 320(H) x 67(D) mm

S7865
12397865

Rain shield

150(W) x 320(H) x 67(D) mm

S7865 BLACK
12397865B

Rain shield

150(W) x 320(H) x 67(D) mm

TAGSET/5 12240450
5 user tag set

CARDSET/5 12240460
5 user card set

SAR-G+ 12358965   **4 DIN**
Digital relay unit   69(W) x 90(H) x 45(D) mm

SAV-12 12480260
Call repeater   58(W) x 61(H) x 25(D) mm

FA-G+ 12340100   **8 DIN**
Power supply   138(W) x 90(H) x 60(D) mm

D4L-G+/POE 12358940   **4 DIN**
POE distributor with 4 outputs   70(W) x 90(H) x 30(D) mm

LCU-16/G+ 12380616   **12 DIN**
Lift controller   210(W) x 100(H) mm

ART 7W/G+/48
12310712

222(W) x 154(H) x 15(D) mm

ART 7W/G+/PCM
12310711

222(W) x 154(H) x 15(D) mm

ART 7/G+/48
12310704

222(W) x 154(H) x 15(D) mm

ART 7/G+/PCM
12310702

222(W) x 154(H) x 15(D) mm

CE-ART 7/G+
12379703

262(W) x 154(H) x 31(D) mm

SOB-UNI
12192202

Table stand

160(W) x 175(H) x 140(D) mm

ART 1/G+
12310140

89(W) x 138(H) x 15(D) mm

ART 4TH/G+
12310400

153(W) x 155(H) x 36(D) mm

ART 7AW/G+
12310720

222(W) x 154(H) x 15(D) mm

FA-DC48/G+ 12340105
Power supply

8 DIN
140(W) x 90(H) x 60(D) mm

HRF-12/1,25A 10900012
Optional local power supply

1 DIN
18(W) x 90(H) x 59(D) mm

DCP/G+ 12358955
POE injector with 4 outputs

4 DIN
70(W) x 90(H) x 30(D) mm

SW-108N 31600055
8-port Gigabit switch without PoE

DCS/G+ 12358950
Daisy chain ethernet switch

47(W) x 47(H) x 21(D) mm

IP-EXT 31600289
UTP CAT6 extender

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