



VIDEO DOOR ENTRY SYSTEM

IP SYSTEM
FOR THE BEST PERFORMANCE



#ImprovingLives

bticino

A brand of  legrand®

COMPANY PROFILE

LEGRAND

For more than 60 years, Legrand has been supplying integrated solutions for lighting, heating, energy, network and access management in buildings.

The core business of the Group is to design, develop, and sell electrical and digital systems that are both simple and innovative, for better communication, tighter security, and improved comfort and convenience in buildings.

Legrand is more than ever looking to the future.

The video door entry system range is made by BTicino, a brand of the Legrand Group.

AN ACTIVE INTERNATIONAL PRESENCE

Asia, Middle East and Pacific: Australia / China / Hong-Kong / India / Indonesia / Iran / Kazakhstan / Lebanon / Malaysia / New Zealand / Philippines / Qatar / Saudi Arabia / Singapore / South Korea / Syria / Thailand / United Arab Emirates / Uzbekistan / Vietnam / **The Americas:** Brazil / Canada / Chile / Colombia / Costa Rica / Mexico / United States / Venezuela / **Europe and Africa:** Algeria / Austria / Belarus / Belgium / Bosnia-Herzegovina / Bulgaria / Croatia / Czech Republic / Denmark / Egypt / Estonia / France / Germany / Greece / Hungary / Ireland / Italy / Libya / Lithuania / Morocco / Netherlands / Poland / Portugal / Romania / Russia / Serbia and Montenegro / Senegal / Slovakia / Slovenia / South Africa / Spain / Switzerland / Tunisia / Turkey / Ukraine / United Kingdom

**Legrand**

world leader in digital and electrical infrastructures, of which BTicino is the leader in Italy.

BTicino

the global specialist in video door entry systems, home automation and smart home.

Active in **180** markets.

Over **90** branches.

Close to **4.600** active patents.

Over **17.000** hours/year dedicated to training employees on environmental issues.

5% of revenue invested in R&D.

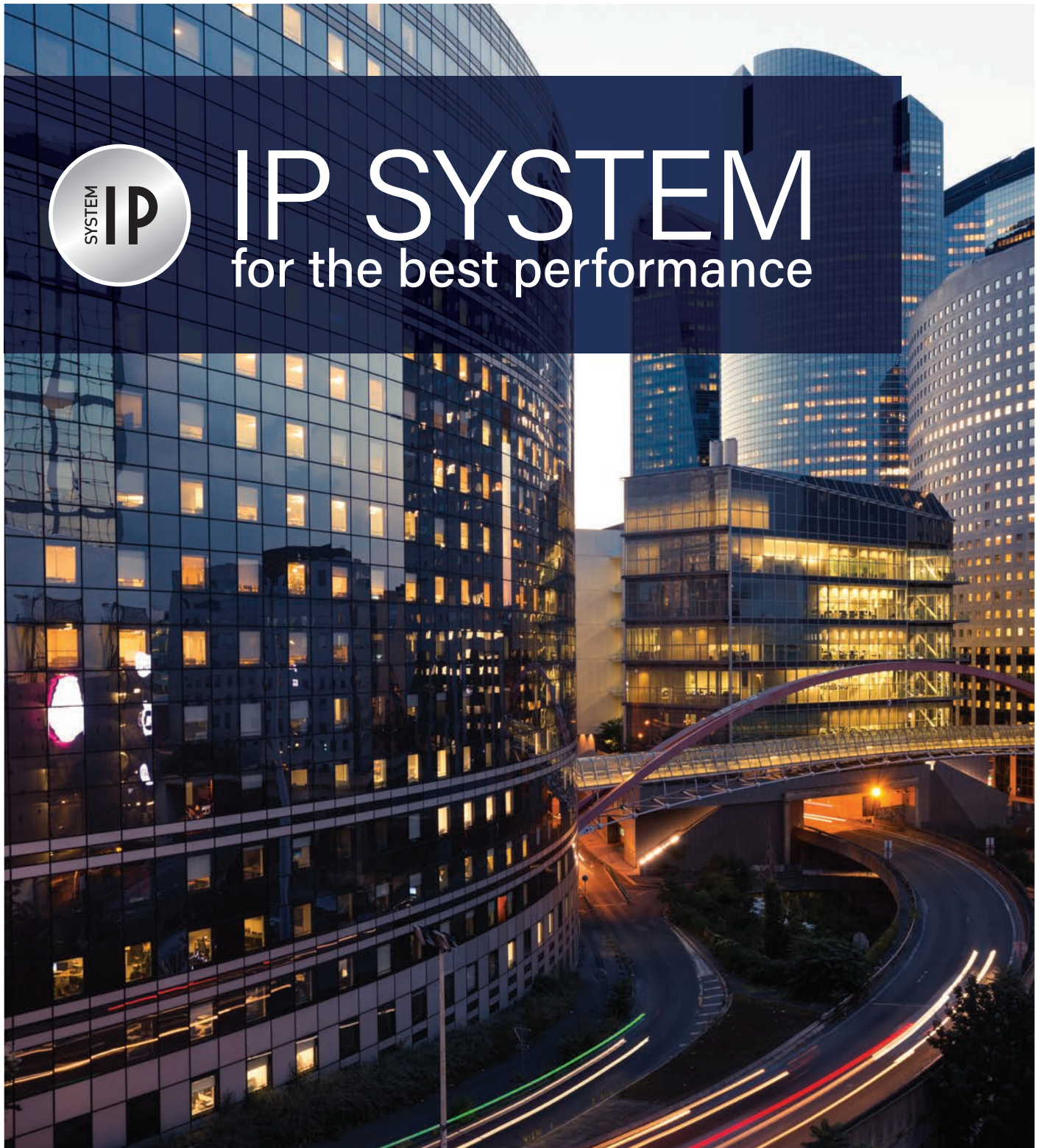
50% of sales generated with products added to the catalogue less than 5 years ago.

37% of total investments dedicated to the development of new products and solutions.

Over **170.000** products in the catalogue.

Nearly **38.000** employees throughout the world.

Over **4 billion** electrical devices installed throughout the world.



IP SYSTEM

for the best performance

The perfect solution for large residential complexes with a high number of apartments, able to guarantee high performance, long distances and high video signal quality.

Note: Certain components of the product may be subject to change over time, depending on the availability of materials, technological developments, or manufacturing requirements. These changes do not in any way affect the functionality or overall quality of the product, which will remain in accordance with the stated standards.

BTicino reserves the right to update or replace individual components, always ensuring consistency with the technical specifications and the intended user experience.

Wide range of products with flexible and scalable solutions to satisfy every building needs.

MAIN PERFORMANCES AND FUNCTIONALITIES

Multichannel: for simultaneous conversations (no busy lines);

High definition video quality: up to 1280 x 720;

Technology: IP protocol (SIP/TCP);

Cables: FTP and UTP (CAT5 - CAT5E - CAT6) - Fiber optic

Configuration: easy and quick configuration with dedicated software;

Integration: Onvif IP Cameras, Lift control, Alarm sensors;

App Home + Security: incoming calls answering and door locks activation by smartphone;

App Home + Control: Smart Home & Home Automation MyHOME integration.



reddot winner



ENTRANCE PANEL



GUARD STATION



VIDEO INDOOR UNIT

Multiple ways to call the apartment



Access the building in several ways



FACE RECOGNITION



FINGERPRINT



RFID CARD AND BADGE





1. STANDARD CALL
Area-Building-Riser
Floor-Apartment

2. ALPHANUMERIC CALL
Create codes
with numbers and letters

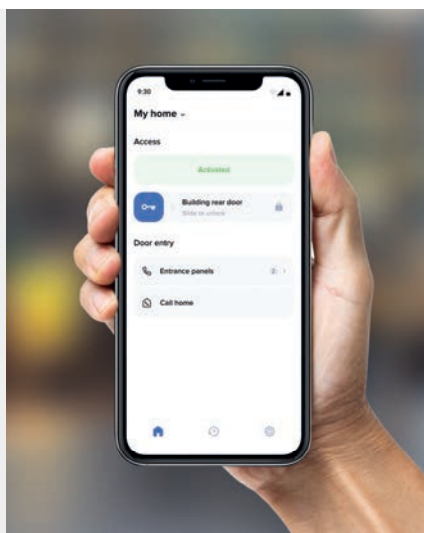
3. ADDRESS BOOK
With contact list
(touch displays only)

3



ACCESS CODE

* * *
* * *
* * *



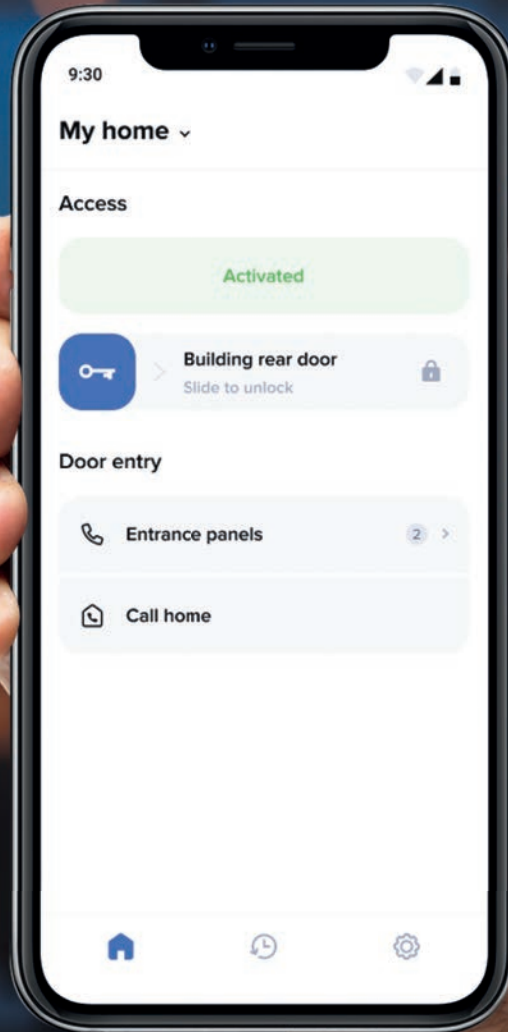
SMARTPHONE



HOME + SECURITY

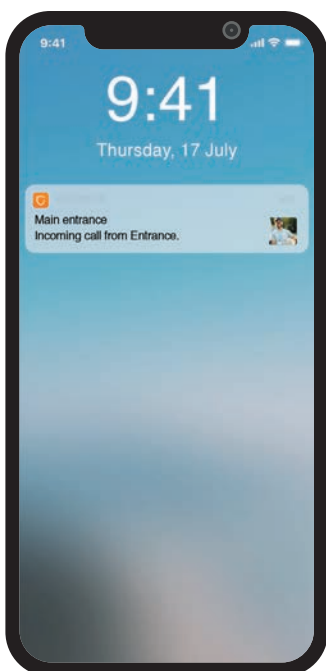
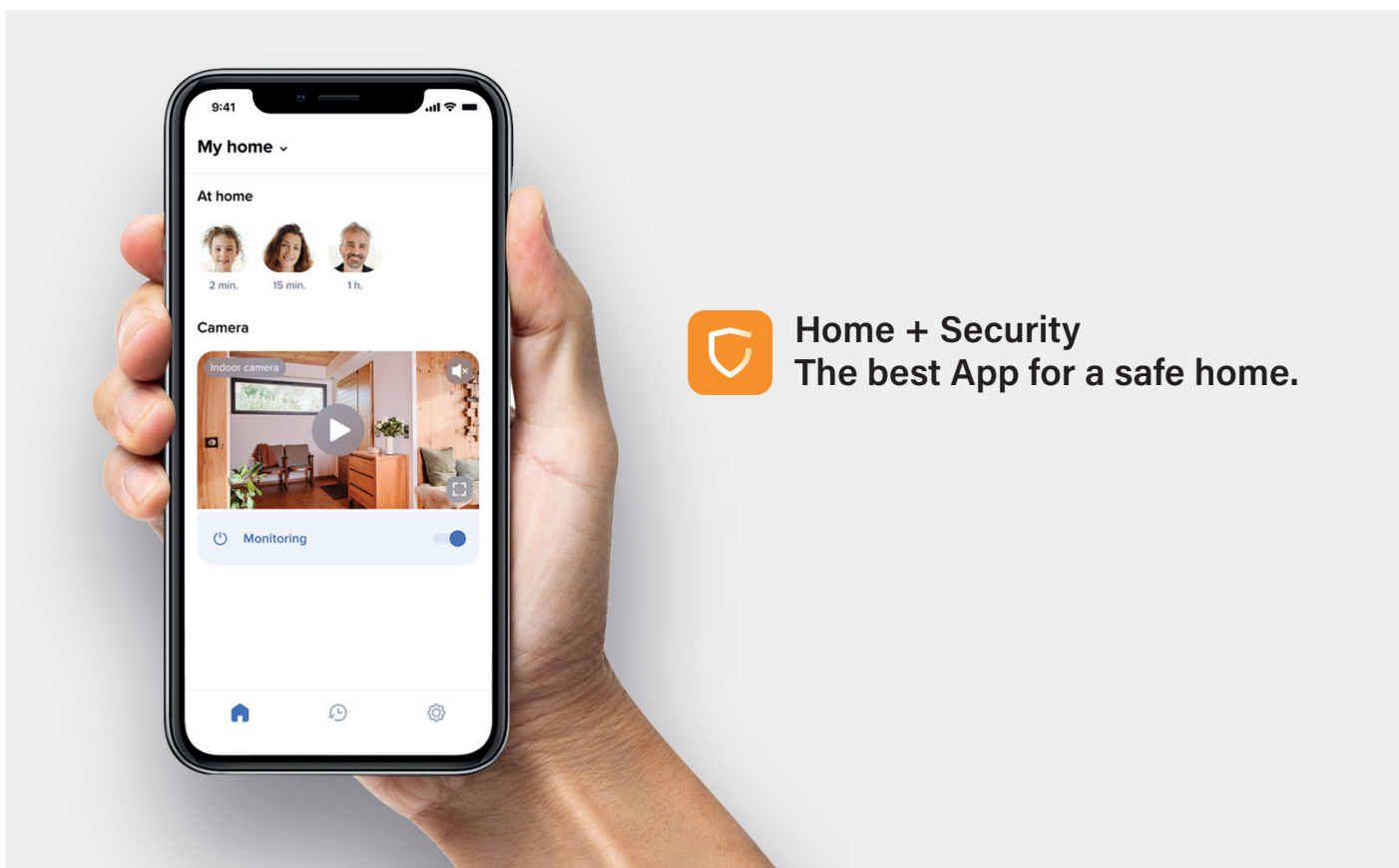


Always aware with the Home + Security App



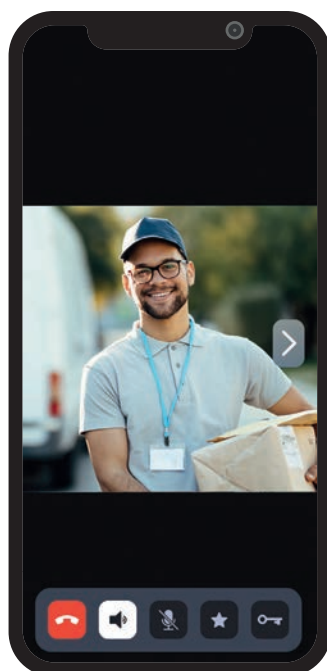
THE BEST APP FOR A SAFE HOME

Alerts and notifications for incoming calls, motion and people detection, event information and door lock management with a simple and intuitive interface.



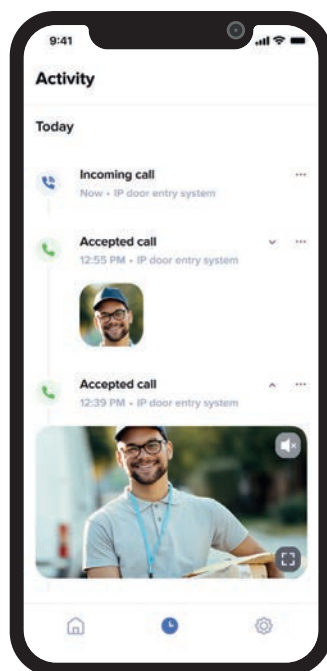
INCOMING CALL

Receive notification when someone is calling



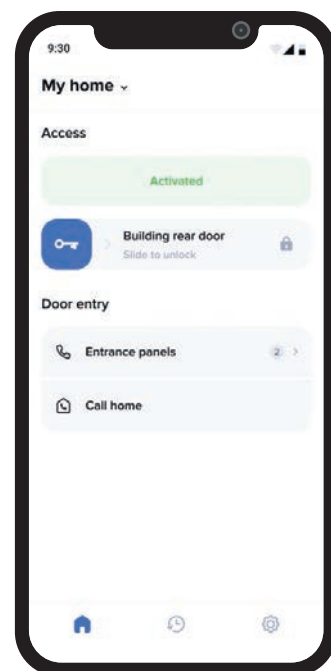
SEE WHO'S CALLING

Answer the call and open the gate for the courier



CHECK THE EVENTS

Check who called you and if they left you a message

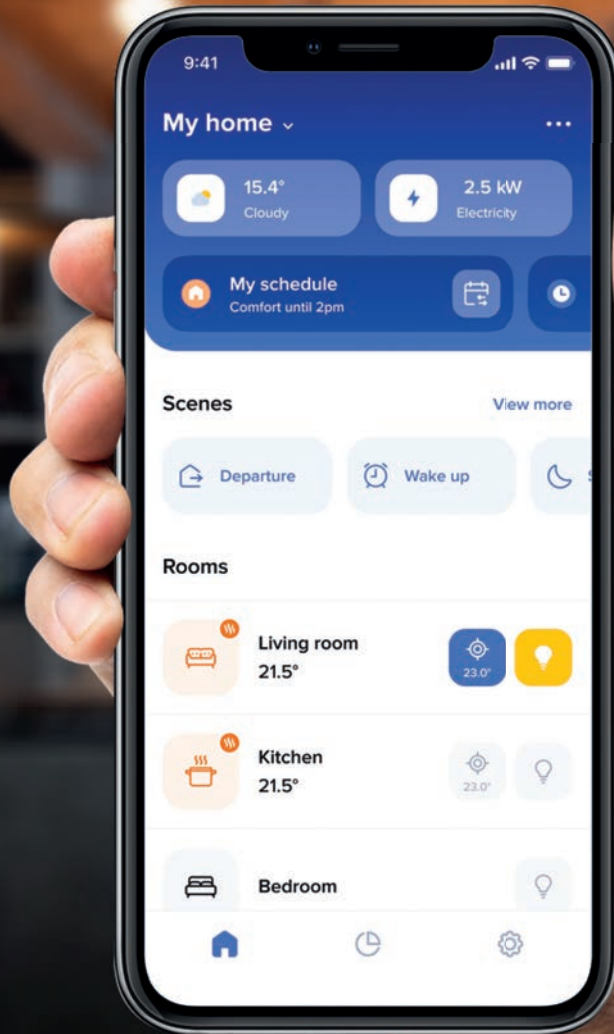


QUICK ACTIONS

- Activate the electrical door locks
- Call home
- Activate the cameras
- Manage the answering machine



Your home under control with the Home + Control App

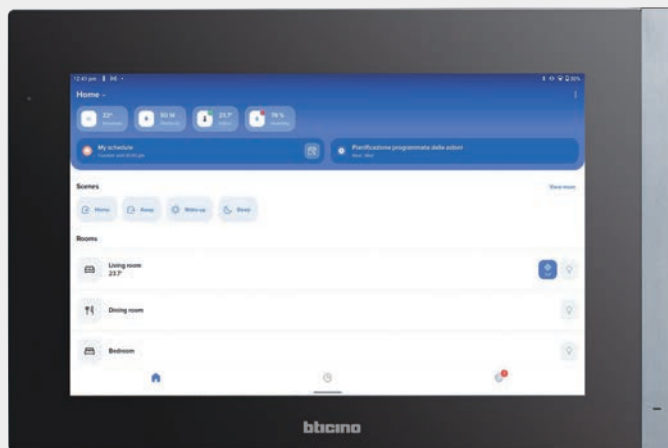
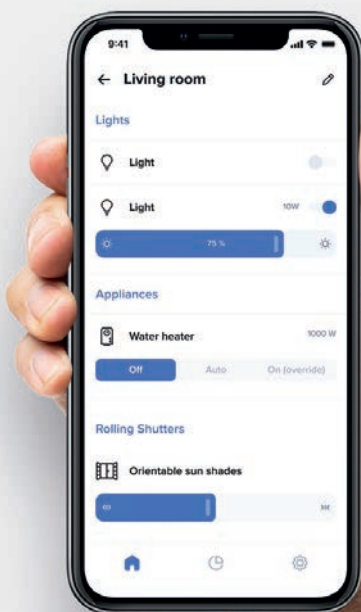


ONE APP: EFFORTLESS COMFORT AND SMART SAVINGS

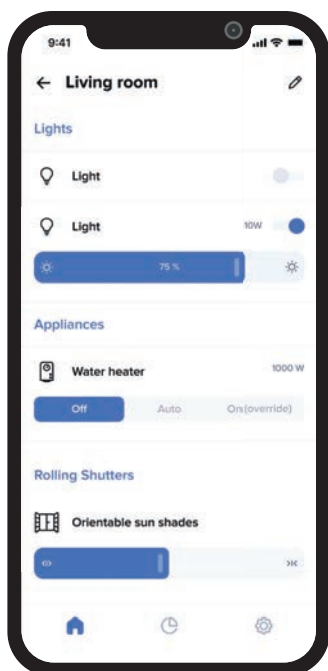
Control lights, shutters, energy usage, temperature and electrical vehicle. Create personalized scenarios for your comfort and efficiency.



Home + Control
The best App for the Smart Home.

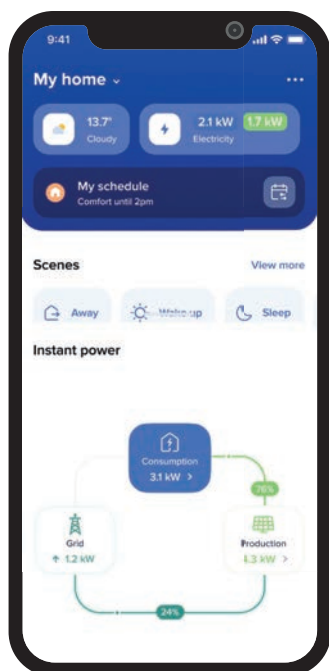


The same user interface as the H + C App is now also available directly on the screen of the 373103 and 373104 video indoor units.



SIMPLIFIED CUSTOMIZATIONS

Manage your home according to your needs through the creation of scenarios, scheduling and automations.



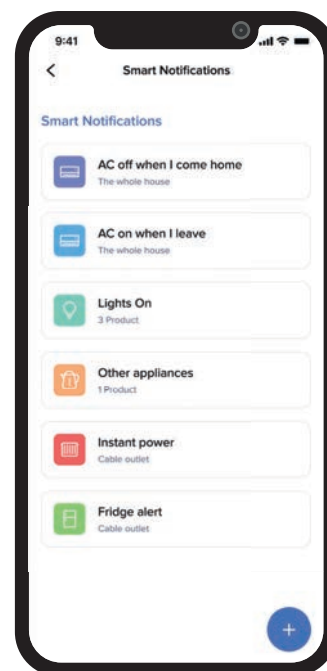
ADVANCED ENERGY MANAGEMENT

Set load priorities, track energy usage, and access reports to view monthly costs, top-consuming appliances, and more.



HOME TEMPERATURE MANAGEMENT

Set and schedule temperatures for heating and cooling. Create weekly programs and manage smart functions.



SMART NOTIFICATIONS

Receive notifications about key events, such as lights left on or power loss.

Integrations

INTEGRATE WITH ONVIF IP CAMERAS

From the Guard Station it is possible to monitor all the common area IP cameras, while from the indoor units, the resident can monitor private and common area Onvif IP cameras.



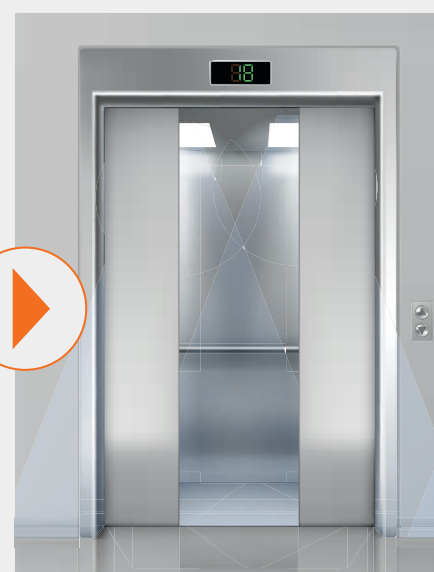
Guard station



Indoor unit

INTEGRATE WITH LIFT CONTROL

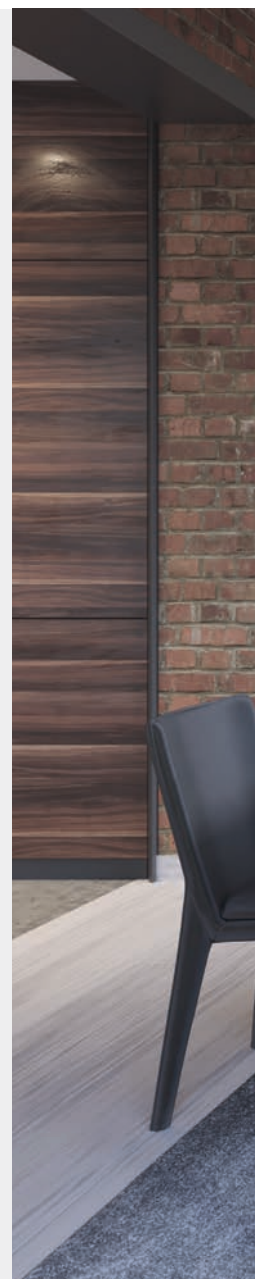
Thanks to the access control function, visitors are taken directly to the floor of the called apartment.



NOTE: integration to be performed through Lift Control interface with protocol translator (375010) or with relays (375013).

10 & 7 INCHES

Premium Touch Screen indoor units



MAIN FEATURES

- High-end and elegant design
- User friendly interface with icons
- Homepage with main functions, favorites, notifications and info
- Security functions (SOS pushbutton and possibility to connect up to 8 alarm sensors);
- Flashing LED for notifications
- Wall mounted installation
- Indoor camera for video intercom between apartments and Guard Station (only for selected items).



10INCH TOUCH DISPLAY
WITH OR WITHOUT CAMERA



7INCH TOUCH DISPLAY
WITH OR WITHOUT CAMERA



ADVANCED FEATURE

- **App Home + Security:**
incoming calls and door locks activation by smartphone.



- **App Home + Control:**
accessibility from the screen to manage Smart Home & Home Automation (MyHOME) systems.



10INCH TOUCH DISPLAY WITH SMART HOME CONTROL



7INCH TOUCH DISPLAY WITH SMART HOME CONTROL

7 INCHES

Standard Touch Screen indoor units



MAIN FEATURES

- Discrete design
- User friendly interface with icons
- Homepage with main functions, favorites, notifications and info
- Security functions (possibility to connect up to 8 alarm sensors);
- Wall mounted installation;
- Compatibility with PoE Standard (only for selected item).

ADVANCED FEATURE

- **App Home + Security:** incoming calls and door locks activation by smartphone.





7INCH TOUCH DISPLAY BLACK FINISH
(VERSION STANDARD PoE 48 V)



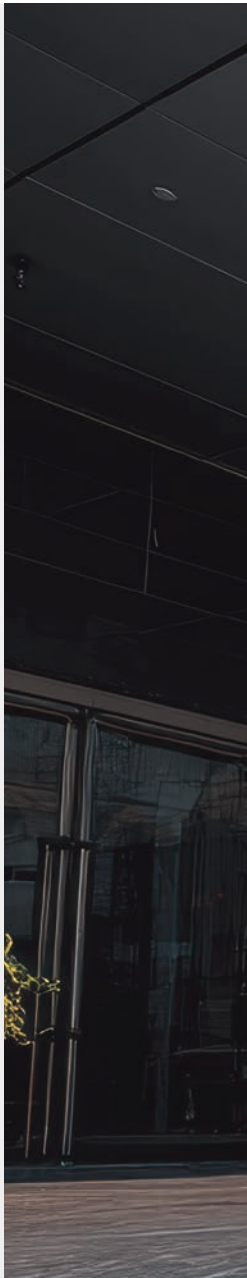
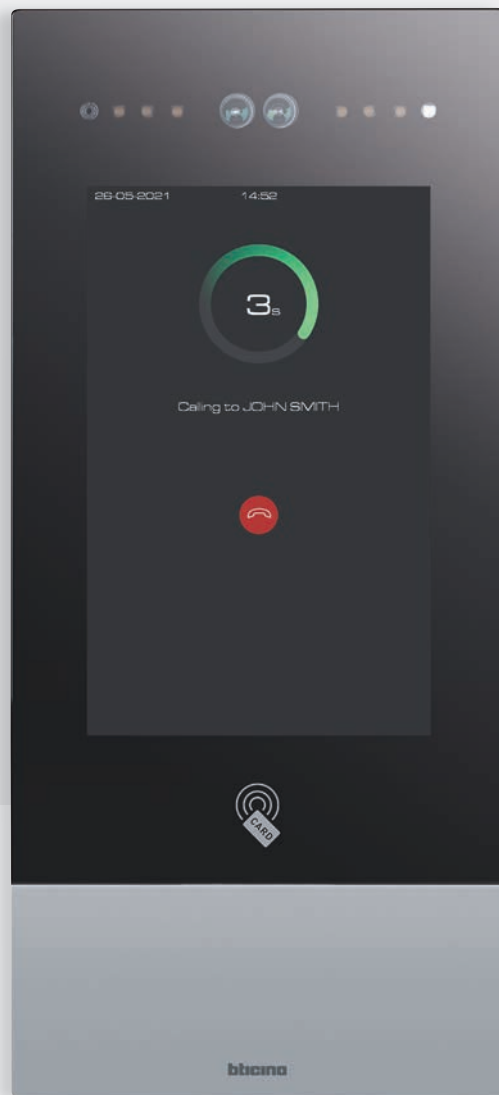
7INCH TOUCH DISPLAY
CHAMPAGNE GOLD FINISH



7INCH TOUCH DISPLAY
MIRROR FINISH

Touch Screen entrance panels

WITH 10 INCH TOUCH DISPLAY



3D FACE
RECOGNITION



RFID CARD &
BADGE READER



FINGERPRINT
READER

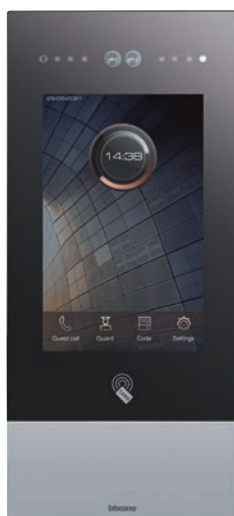


MAIN FEATURES

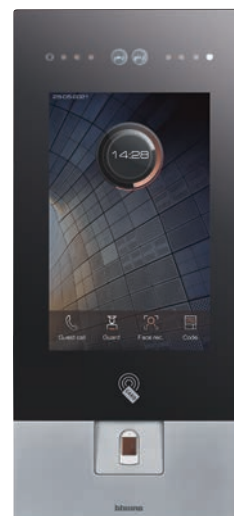
- Modern interaction thanks to the wide touch display
- Different calling mode
- Customizable graphic advertisement carousel and info
- Flush mounted installation

ADVANCED FEATURE

- 3D Face recognition with liveness sensor



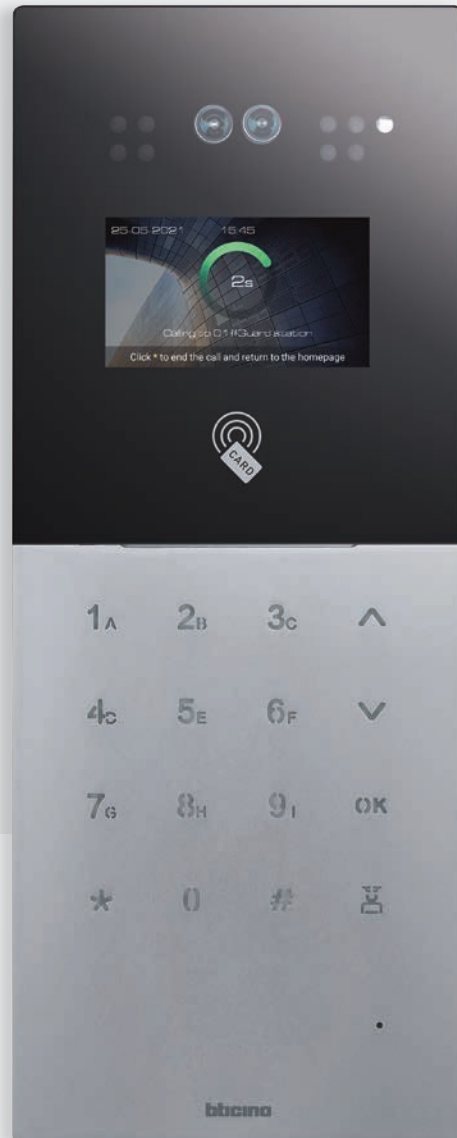
ENTRANCE PANEL WITH CODE, CARD AND BADGE READER



ENTRANCE PANEL WITH CODE, CARD - BADGE - FINGERPRINT READER AND FACE RECOGNITION

Keypad entrance panels

WITH 4,3 INCH DISPLAY AND KEYPAD



3D FACE
RECOGNITION



RFID CARD &
BADGE READER



FINGERPRINT
READER



MAIN FEATURES

- More traditional interaction thanks to the keypad
- Different calling modes
- Flush mounted installation

ADVANCED FEATURE

- 3D Face recognition with liveness sensor



ENTRANCE PANEL WITH CODE, CARD AND BADGE READER



ENTRANCE PANEL WITH CODE, CARD - BADGE - FINGERPRINT READER AND FACE RECOGNITION

Small entrance panels



WITH 4,3 INCH
TOUCH DISPLAY

BUILDING



VILLA



Suitable as building
and single apartment
entrance panel.

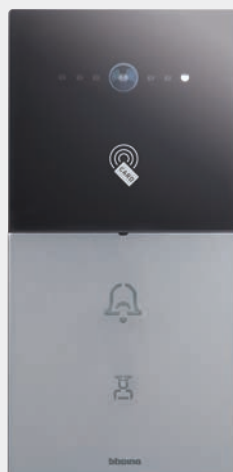
MAIN FEATURES

- Different call modes
- Direct call to guard station
- RFID card and badge reader
- Face recognition
- Code



Suitable as villa, single apartment or common areas entrance panel.

INDOOR installation only



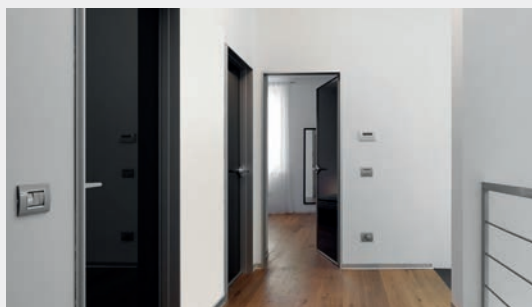
- Wall mounting installation
- Flush mounting installation with accessory
- Direct call to the apartment
- Direct call to the guard station
- RFID card and badge reader

INDOOR & OUTDOOR installation

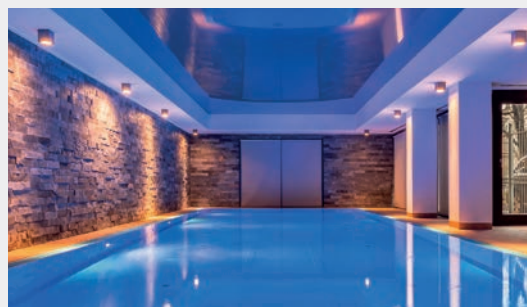


- Wall mounting installation
- Rainshield included
- Wall mounting installation
- Rainshield accessory
- Angular mounting accessory
- Standard PoE 48 V power supply
- Personalisable label

SINGLE APARTMENT



COMMON AREA



Guard station



INTEGRATED CAMERA FOR VIDEO INTERCOM WITH APARTMENTS AND OTHER GUARD STATIONS (IF PRESENT).

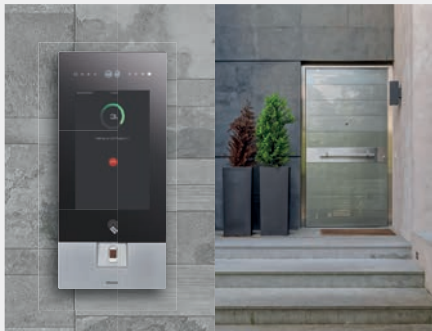
High resolution video table-top guard station.

10" full touch LCD display with icons menu and handset.

It manages incoming calls: from the entrance panels with the possibility to transfer the calls to the indoor units or other guard stations.

From the touch display, it is possible to see the call and alarm history, monitor alarm records and SOS calls from indoor units, monitor IP cameras installed in the common areas and entrance panel cameras.

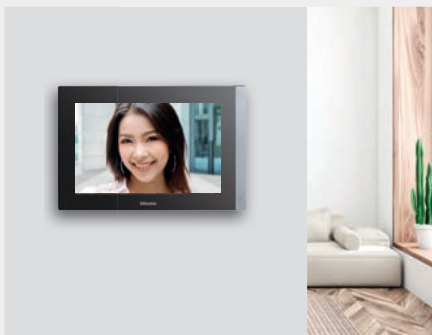
CALL FROM THE ENTRANCE PANEL



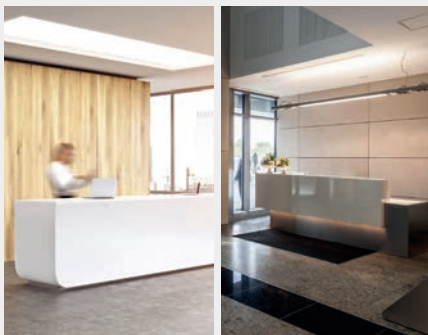
IP & ENTRANCE PANEL CAMERA MONITORING



EMERGENCY AND GENERIC ALARM PROCESSING



CALL TRANSFER & INTERCOM



COMMUNICATION & SYSTEM MANAGEMENT WITH MULTIPLE GUARD STATIONS



USER FRIENDLY INTERFACE

System main accessories

Power supply 100-240 V with metal box

can be operate as an auxiliary power supply. Protected against short circuits: in case of DC output short circuit, the device will switch to protected mode. Wall-mounted installation.



POWER SUPPLY



DIN POE SWITCH



PoE (Power over Ethernet) switch

with 10 / 100 Mbps, 8 PoE ports and 1 non-POE port uplink, and 24 V-100 W power supply. The PoE port is used for network communication and as power supply. DIN mounted installation (total of 14 DIN modules).

Server DES (Door Entry System) with configuration software IP DES PRO

Must be installed in the building under the VLAN Network of the DES IP System to create, configure and update the entire installation.



SERVER DES

Configuration by software IP DES PRO

Dedicated software for system configuration, which allows to create the topology of the installation, set devices parameters and easily associate all devices with a scan tool, making the installation process error-proof.



SETUP of the COMMUNITY
network and general information

SYSTEM TOPOLOGY CREATION and device association

SETUP of ALL PARAMETERS to customize the installation

Additionally, diagnostics, maintenance and updates can be performed using the web pages, connecting a normal PC to the site server DES.



The label on the devices allows to associate them in the topology using a scan tool in a very easy and quick way. The system will then print a label, with all the position information, to be attached to the packaging. This will guarantee error-proof installation.

Daily management

Using a normal computer, the Guard Station operator can open the software IP DES PRO (installed on the site server), through web pages and registers update and modify residents' information and other details, including fingerprints, faces, badges and cards.

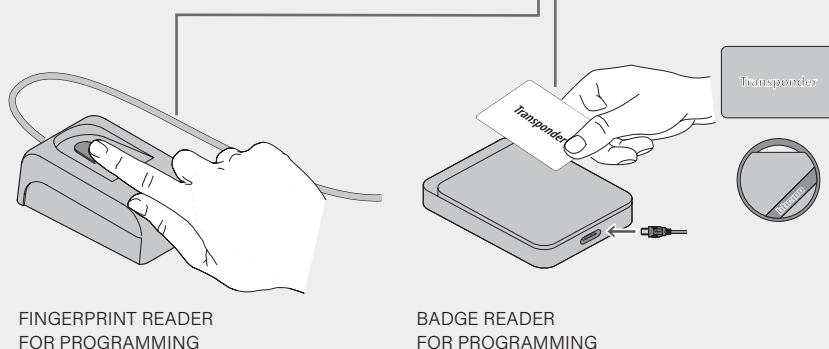
It is also possible to send messages to indoor units, and change and update advertising carousel and screensavers on the entrance panels.



Registration, modification and update of the **RESIDENT'S INFO**

ALARMS Management & history

Sending **MESSAGES & INFO** to the apartments



FINGERPRINT READER FOR PROGRAMMING

BADGE READER FOR PROGRAMMING

The main devices

ENTRANCE PANELS	10inch TOUCH DISPLAY	4.3inch DISPLAY WITH KEYPAD	SMALL ENTRANCE PANELS				
----------------------------	-------------------------	-----------------------------------	--------------------------	--	--	--	--



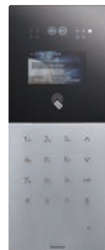
374000



374002



374001



374003



374004



374006



374007



374005

Colour video	■	■	■	■	■	■	■	■
Finishes / Colours	Grey	Grey	Grey	Grey	Grey	Black	Black	Grey
Flush mounted installation	With accessory 375007	With accessory 375007	With accessory 375006	With accessory 375006	With accessory 375008			With accessory 375009
Capacitive button call			■	■	■	■		
Touch display	■	■						■
Keypad			■	■				
Direct call to apartment	■	■			■	■	■	■
3D Face recognition	■		■					■
Fingerprint reader	■		■					
RFID Badge reader	■	■	■	■	■	■	■	■
Protection index	IP54	IP54	IP54	IP54	IP54	IP54	IP54	IP54
Protection index against mechanical impact	IK07	IK07	IK07	IK07	IK07	IK07	IK07	IK07
Rainshield						■		With accessory 375015
Angular installation								With accessory 375016
Power supply	375005 375002	375005 375002	375005 375002	375005 375002	375005 375002	375005 375002	375005 375002	Standard PoE 375005 375002

Entrance panels

catalogue



Item	Video entrance panels
374000	<p>Video entrance panel with 10" touch display, double face recognition camera, fingerprint reader and badge reader for access control functions. From the touch display, it is possible to make calls to the apartments and the guard station and enter the access code to release the lock. Configuration of different calling modes:</p> <ul style="list-style-type: none"> - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents - Address book with contact list <p>Enter the settings menu with a specific code for maintenance and for managing the settings (e.g. backlight brightness, ring volume, speaker volume, touch volume, screensaver time). Possibility to upload customized screensavers and advertisements using the configuration software. The entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Flush mounted installation using the dedicated box (A)-375007.</p>
374002	<p>Video entrance panel with 10" touch display and badge reader for access control functions. From the touch display, it is possible to make calls to the apartments and the guard station and enter the access code to release the lock. Configuration of different calling modes:</p> <ul style="list-style-type: none"> - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents - Address book with contact list <p>Enter the settings menu with a specific code for maintenance and for managing the settings (e.g. backlight brightness, ring volume, speaker volume, touch volume, screensaver time). Possibility to upload customized screensavers and advertisements using the configuration software. The entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Flush mounted installation using the dedicated box (A)-375007.</p>
374001	<p>Video entrance panel with 4.3" display, keypad with numbers and letters (A-I), double face recognition camera, fingerprint reader and badge reader for access control functions. Using the keypad, it is possible to make calls to the apartments and the guard station and enter the access code to release the lock. Configuration of different calling modes:</p> <ul style="list-style-type: none"> - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents <p>Enter the settings menu with a specific code for maintenance and for managing the settings (e.g. backlight brightness, ring volume, speaker volume, button volume, screensaver time). Possibility to upload customized screensavers using the configuration software. The entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Flush mounted installation using the dedicated box (B)-375006.</p>

Item	Video entrance panels
374003	<p>Video entrance panel with 4.3" display, keypad with numbers and letters (A-I) and badge reader for access control functions. Using the keypad, it is possible to make calls to the apartments and the guard station and enter the access code to release the lock. Configuration of different calling modes:</p> <ul style="list-style-type: none"> - Apartment code (Area - Building - Riser - Floor - Apartment) - Resident's alphanumeric code <p>Enter the settings menu with a specific code for maintenance and for managing the settings (e.g. backlight brightness, ring volume, speaker volume, touch volume, screen saver time). Possibility to upload customized screensavers and advertisements using the configuration software. The entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Flush mounted installation using the dedicated box (B)-375006.</p>
374004	<p>Small video entrance panel for indoor installation with badge reader and key for indoor unit and guard station calls. The small video entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Flush mounted installation using the dedicated box (C)-375008.</p>
374005	<p>Small video entrance panel with 4.3" vertical touch display, face recognition and badge reader for access control functions. From the touch display, it is possible to make calls to the apartments and the guard station and enter the access code to release the lock. Configuration of different calling modes:</p> <ul style="list-style-type: none"> - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents - Address book with contact list <p>Settings menu for maintenance and for managing settings (e.g. backlight brightness, ring volume, speaker volume, touch volume, screensaver time). Possibility to upload customized screensavers using the configuration software. This device can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Flush mounted installation using the dedicated box (D)-375009.</p>
374006	<p>Small video entrance panel with RFID badge reader and physical button for calls. The small video entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Wall mounted installation thanks to the support with rainshield included.</p>
374007	<p>Small video entrance panel with RFID badge reader and physical button for calls. The small video entrance panel can be PoE (power over Ethernet) standard IEEE 802.3af, PoE 24V using item 375002 or directly powered using power supply 375005. Wall mounted installation with bracket included, to be completed if needed with rainshield accessory (375015) and angular mounting accessory (375016).</p>

(A) - (B) - (C) - (D) - Correspondence with the specific flush-mounted box - see accessories page.

The main devices

PREMIUM INDOOR UNITS	10inch TOUCH DISPLAY		7inch TOUCH DISPLAY	
-------------------------------------	-------------------------	--	------------------------	--



373001



373103



373002



373104

Touch screen colour video	▪	▪	▪	▪
Handsfree	▪	▪	▪	▪
Finishes / Colours	Grey	Grey	Grey	Grey
Display	LCD 10inch	LCD 10inch	LCD 7inch	LCD 7inch
Indoor camera	▪		▪	
Answering machine	▪	▪	▪	▪
Alarm management	▪	▪	▪	▪
Wi-Fi connectivity		▪		▪
Smart Home control		▪		▪
SOS function	Physical button	Physical button	Physical button	Physical button
Door lock release	▪	▪	▪	▪
Entrance panel camera activation	▪	▪	▪	▪
Intercom	▪	▪	▪	▪
Integration with Home+Security app	▪	▪	▪	▪
Audio messages	▪	▪	▪	▪
Type of installation	Wall mounted	Wall mounted	Wall mounted	Wall mounted
Power supply	375005 375002	Standard PoE 375005 375002	375005 375002	Standard PoE 375005 375002

**STANDARD
INDOOR
UNITS**

 7inch
TOUCH DISPLAY


373005



373006

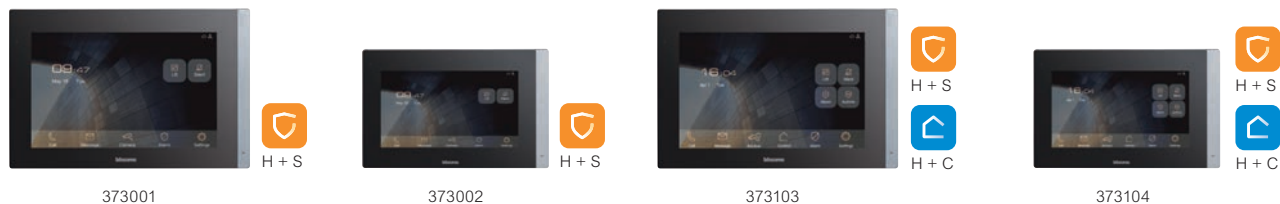


373007



373008

Touch screen colour video	▪	▪	▪	▪
Handsfree	▪	▪	▪	▪
Finishes / Colours	Black	Champagne Gold	Mirror	Black
Display	LCD 7inch	LCD 7inch	LCD 7inch	LCD 7inch
Indoor camera				
Answering machine	▪	▪	▪	▪
Alarm management	▪	▪	▪	▪
SOS function	(On screen button)	(On screen button)	(On screen button)	(On screen button)
Door lock release	▪	▪	▪	▪
Entrance panel camera activation	▪	▪	▪	▪
Intercom	▪	▪	▪	▪
Integration with Home + Security app	▪	▪	▪	▪
Audio messages	▪	▪	▪	▪
Type of installation	Wall mounted	Wall mounted	Wall mounted	Wall mounted
Power supply	375005 375002	375005 375002	375005 375002	Standard PoE



Item	Video indoor unit
373001	<p>10" touch display premium indoor unit with internal camera and SOS pushbutton.</p> <p>From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness, screensaver, backgrounds and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo range. This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) 24 V using item 375002, or directly powered using power supply 375005. Wall mounted using the supplied bracket.</p>
373002	<p>7" touch display premium indoor unit with internal camera and SOS pushbutton.</p> <p>From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness, screensaver, backgrounds and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo range. This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) 24 V using item 375002, or directly powered using power supply 375005. Wall mounted using the supplied bracket.</p>

Item	Video indoor unit with Smart Home integration
373103	<p>10" Touch display premium indoor unit Wi-Fi with Smart Home integration and SOS pushbutton.</p> <p>From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness, screensaver, backgrounds and ringtone) and view date/time information. You can manage Smart Home devices via the integrated Home + Control app (after installing the Gateway and/or MyHOME Server). Alarm management can be easily integrated thanks to 8 prearranged dedicated contacts. The integration with the Onvif IP cameras allow to view the IP cameras of the apartment and the common areas from the indoor unit. It is possible to control the lift thanks to a dedicated interface. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allow to use functions such as: receiving calls, door lock release, display of the event timeline, activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo range. This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) standard IEEE 802.3at, PoE 24V using ref 375002 or directly powered using power supply 375005. Wall mounted using the supplied bracket.</p>
373104	<p>7" Touch display premium indoor unit Wi-Fi with Smart Home integration and SOS pushbutton.</p> <p>From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness, screensaver, backgrounds and ringtone) and view date/time information. You can manage Smart Home devices via the integrated Home + Control app (after installing the Gateway and/or MyHOME Server). Alarm management can be easily integrated thanks to 8 prearranged dedicated contacts. The integration with the Onvif IP cameras allow to view the IP cameras of the apartment and the common areas from the indoor unit. It is possible to control the lift thanks to a dedicated interface. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allow to use functions such as: receiving calls, door lock release, display of the event timeline, activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo range. This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) standard IEEE 802.3at, PoE 24V using ref 375002 or directly powered using power supply 375005. Wall mounted using the supplied bracket.</p>

Standard indoor units

catalogue



Item	Video indoor unit
373005	<p>7" touch display standard indoor unit, black finishing.</p> <p>From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo range. This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) 24 V using item 375002 or directly powered using power supply 375005. Wall mounted using the supplied bracket.</p>
373006	<p>7" touch display standard indoor unit, champagne gold finishing.</p> <p>From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo range. This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) 24 V using item 375002 or directly powered using power supply 375005. Wall mounted using the supplied bracket.</p>

Item	Video indoor unit
373007	<p>7" touch display standard indoor unit, mirror finishing.</p> <p>From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo range. This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) 24 V using item 375002 or directly powered using power supply 375005. Wall mounted using the supplied bracket.</p>
373008	<p>7" PoE powered standard indoor unit, black finish</p> <p>From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages from the guard station, adjust the settings (e.g. brightness and ring tone), and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif CCTV IP cameras allows to view the IP cameras of the apartment and the common area from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo range. This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) standard IEEE 802.3at. Wall mounted using the supplied bracket.</p>

IP SYSTEM

Guard Station and accessories

catalogue



375000



375001



348200



348201



348202



348203



348204



348205



348206

Item	Guard station
375000	<p>Guard station with 10" touch display and handset. From the touch display, it is possible to: answer and transfer calls, view call logs, release the locks, monitor IP cameras installed in common areas, monitor and process alarms. From the setting menu, it is possible to adjust the guard station settings, like volume and display brightness, and carry out functionality and network tests. Quick and scheduled absence can be activated to transfer the call to another guard station or to apartments if needed. The guard station can be PoE (power over Ethernet) powered, or directly powered using power supply 375005.</p>



Item	Accessories
375001	<p>Server DES (Door Entry System) including configuration and management software must be installed in the building under the VLAN network of the IP door entry system. The configuration software IP DES PRO must be used to create, configure and update the entire installation. The software can be used to create the topology; entrance panels, guard station and indoor units are associated to the corresponding position in an easy and quick way using a scan tool. It also allows the programming of access control tools such as: RFID badges, card, fingerprint and face recognition. The software is also used to: program access control for new residents, view alarm logs, send messages to indoor units, upload advertisements and screensavers and synchronize time/date details on all devices.</p>

375003	<p>Reader for programming card and badges for building access control. Compatible with RFID badges 348200 to ..06 available in different colors. Programming and associating badges to residents requires the use of the configuration software.</p>
375004	<p>Reader for programming fingerprints for building access control. Registering and associating the residents' fingerprints requires the use of the configuration software.</p>



Item	Transponder badge keys	Pack
348200	● Black	10
348201	● Red	10
348202	● Green	10
348203	● Blue	10
348204	● Orange	10
348205	● Grey	10
348206	● Yellow	10

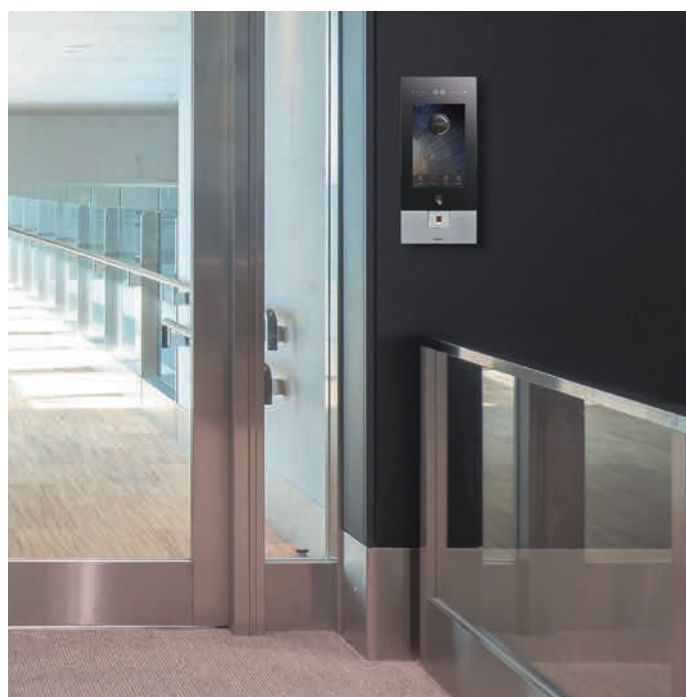
Accessories

catalogue



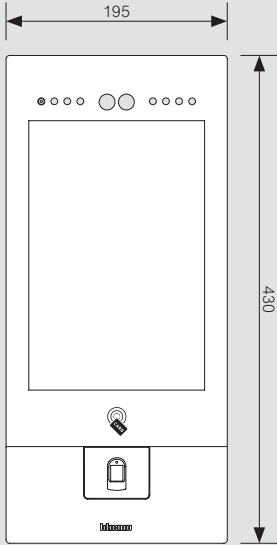
Item	Accessories
375002	PoE (Power over Ethernet) switch with 10 / 100 Mbps, 8 PoE ports and 1 non-POE port uplink and 24 V-100 W power supply. The PoE port is used for network communication and as power supply. DIN mounted installation (Total of 14 DIN modules).
375005	Power supply 100 W with metal box; can be operate as an auxiliary power supply. Protected against short circuits: in case of DC output short circuit, the device will switch to protected mode. Wall mounted installation.
375006	(B) Metal box for video entrance panel with 4.3" display and keypad, flush mounted installation. Compatible with Cat.No: - 374001 video entrance panel with 4.3" display and keypad, with face recognition and fingerprint - 374003 video entrance panel with 4.3" display and keypad
375007	(A) Metal box for video entrance panel with 10" touch display, flush mounted installation. Compatible with Cat.No: - 374000 video entrance panel with 10" touch display with face recognition and fingerprint - 374002 video entrance panel with 10" touch display
375008	(C) Metal box for small video entrance panel flush mounted installation. Compatible with Cat.No: 374004
375009	(D) Metal box for small video entrance panel with 4.3" vertical touch display, flush mounted installation. Compatible with Cat.No: 374005
375010	Lift control interface with protocol translator to integrate lift function in IP door entry system. The configuration is completed using a dedicate software, the interface is connected via RS 485 cable to the entrance panel and the lift.
375011	USB key to be inserted on DES Server 375001 to enable face registration and to provide access mode for face recognition in the installation. At least one of the following devices must be present in the installation: external pushbutton panel with 10" touch display with face recognition and fingerprint (374000), external pushbutton panel with keyboard, facial recognition and fingerprint (374001) or Small pushbutton panel with 4.3 "touch display (374005).
SP111	Plug-in power supply for IP server 375001. Input 100 240 Vac @ 50 60 Hz. Output 19 Vdc. Length of connection cable with IP server = 1200 mm

Item	Accessories
375012	PoE converter for BTicino IP DES devices with 24 V PoE to be installed in standard PoE + network.
375013	Lift control interface with 8 relay to integrate the IP DES with the building elevator system in order to enable the lift call after the resident answer the call and open the gate. The configuration is made directly in IP DES configuration tool included in Server DES 375001. NOTE : INSTALLATION AND CONNECTIONS MUST BE ALWAYS PERFORMED ACCORDINGLY TO THE ELEVATOR TYPE.
375014	IP Actuator in 4 DIN Module Actuator with 2 outputs to manage electromagnetic locks, timed locks, to switch on the lights, opening gates or manage generic actuation. The configuration is done using the IP DES PRO software configuration tool. 4 DIN installation. It can be PoE (power over Ethernet) standard IEEE 802.3af, PoE 24V using item 375002.
375015	Rainshield for Small Entrance Panel 374007 Rainshield accessory for small entrance panel 374007. Surface mounting.
375016	Angular Mounting for Small Entrance Panels Accessory to mount the small entrance panels 374006 and 374007 in angular position. The support has 30° angle and can be installed on both side (on the right / left).

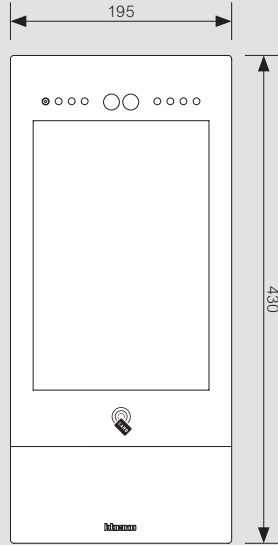


(A) - (B) - (C) - (D) - Correspondence with the related entrance panels - see entrance panels page.

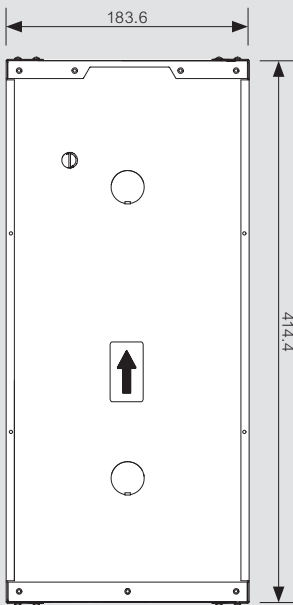
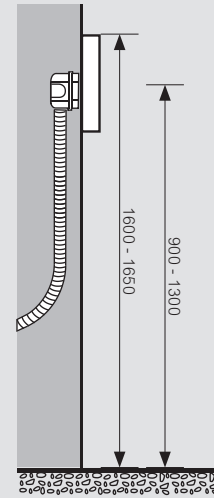
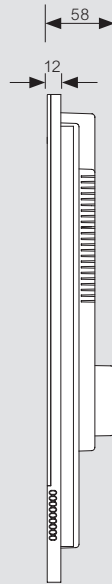
ENTRANCE PANELS



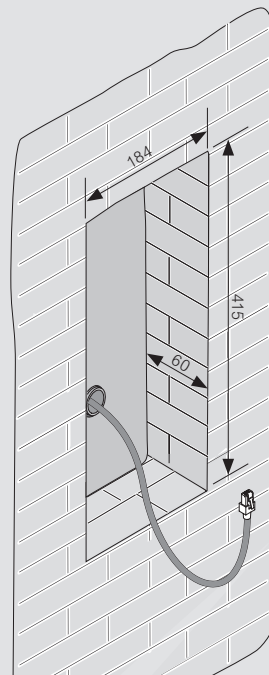
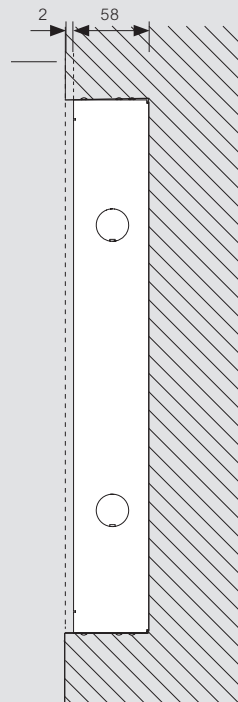
374000



374002



375007

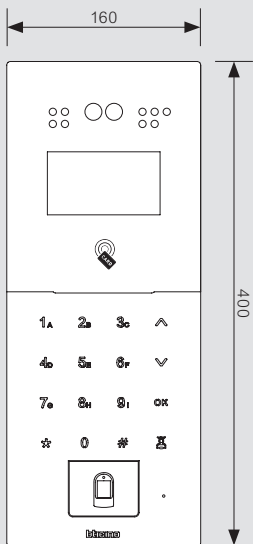


Dimensions expressed in millimeters

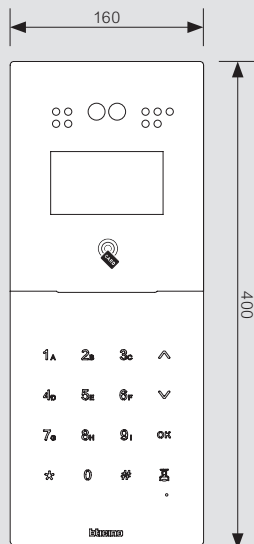
*Recommended installation height

Dimensional data

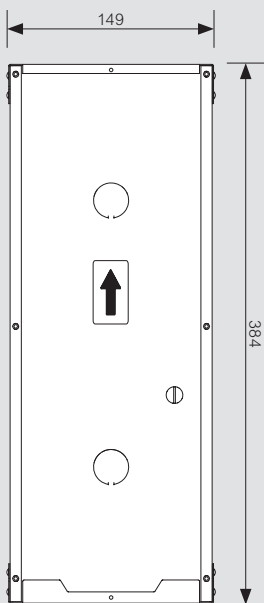
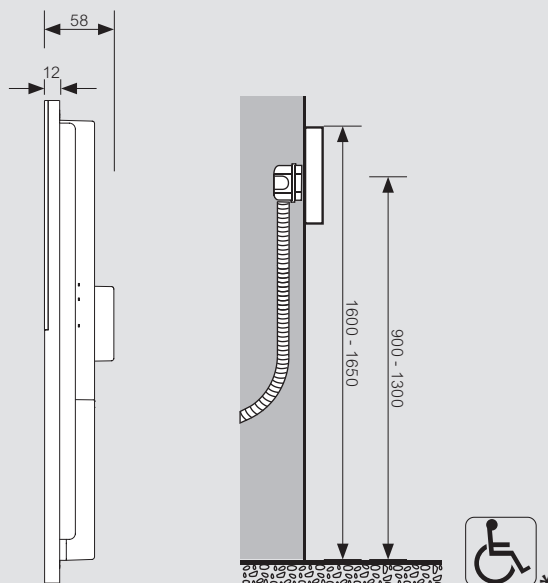
ENTRANCE PANELS



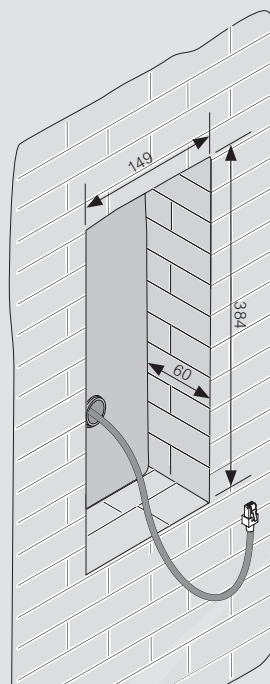
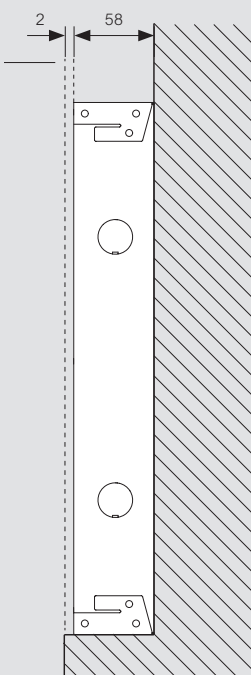
374001



374003



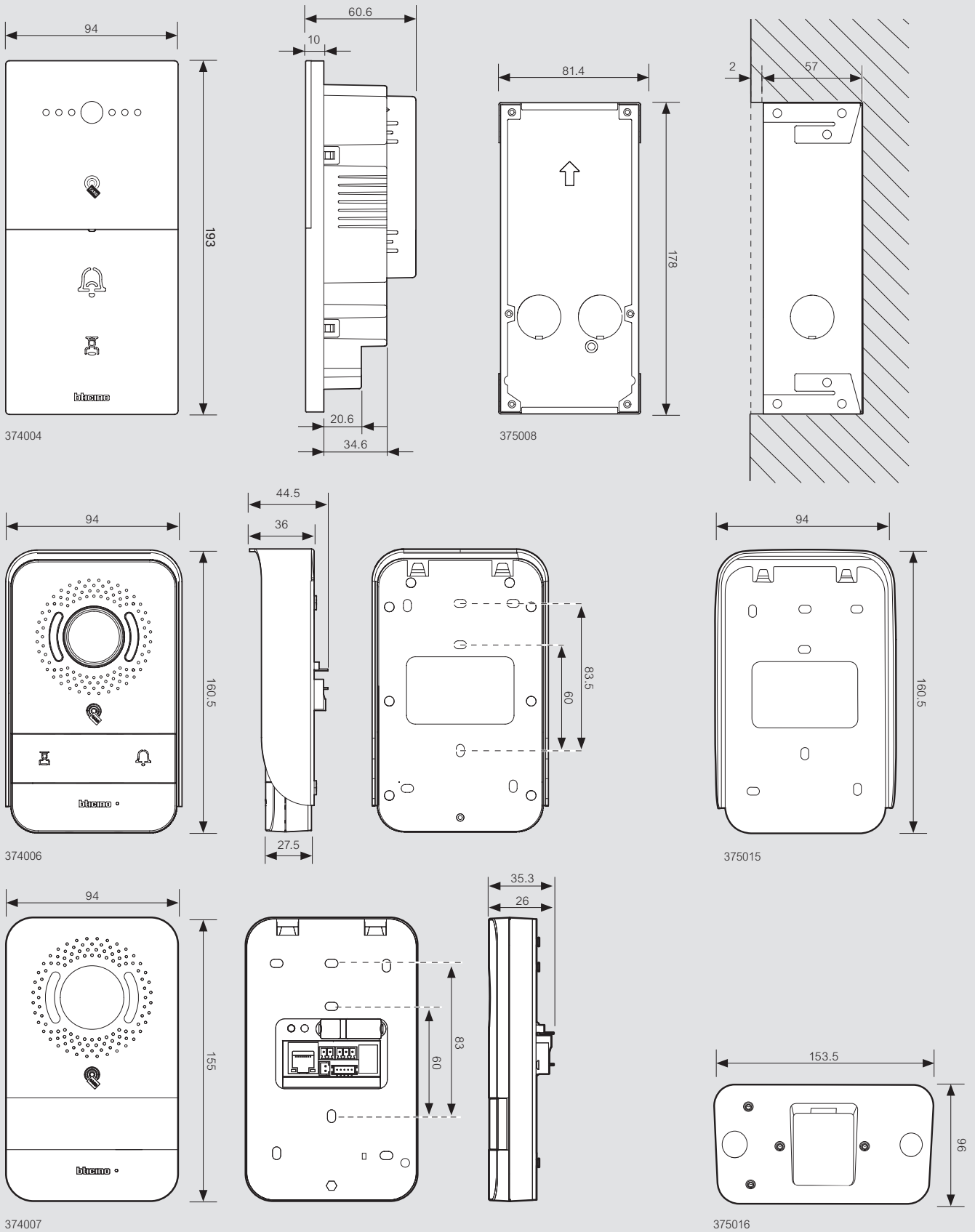
375006



Dimensions expressed in millimeters

*Recommended installation height

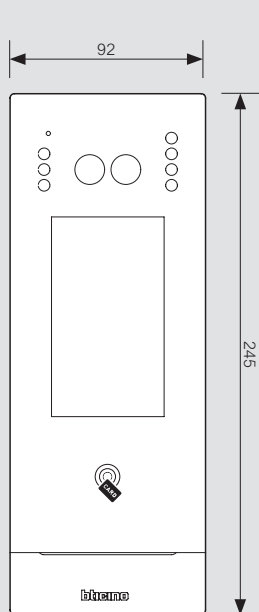
■ SMALL ENTRANCE PANELS



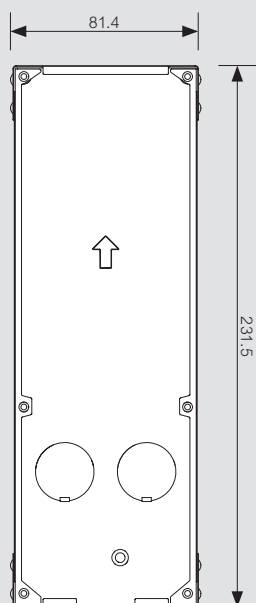
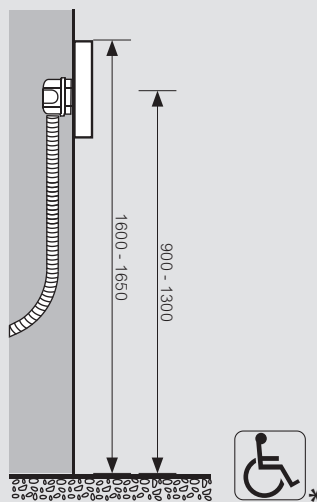
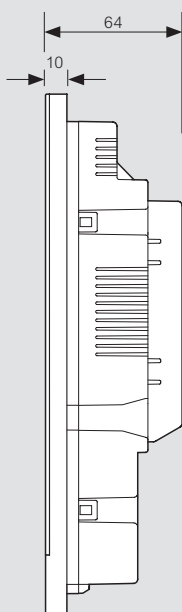
Dimensions expressed in millimeters

Dimensional data

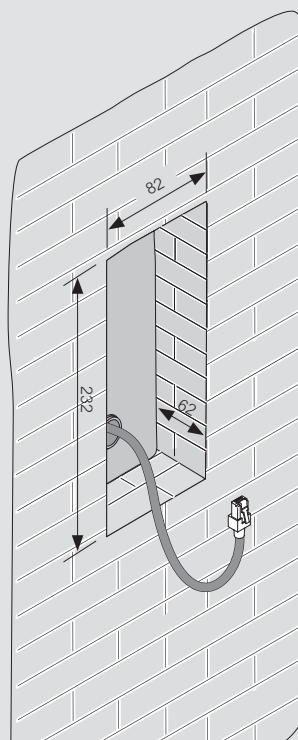
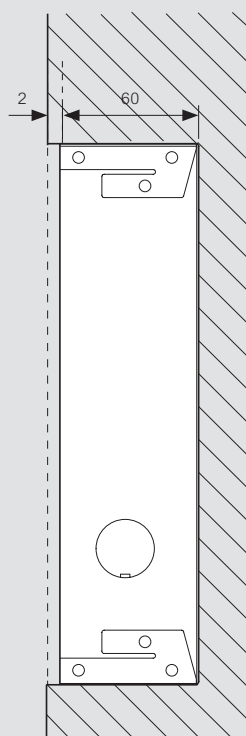
■ SMALL ENTRANCE PANELS



374005 - 373103



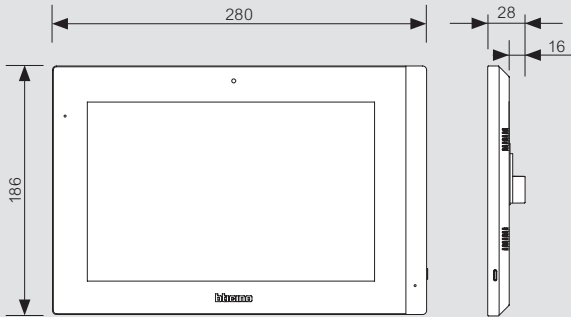
375009 - 373104



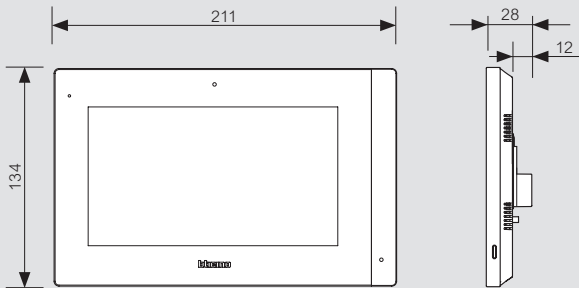
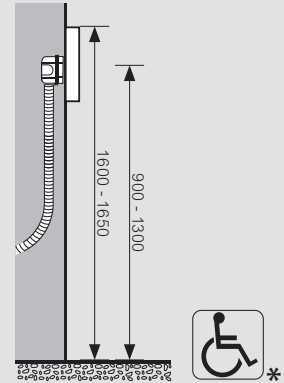
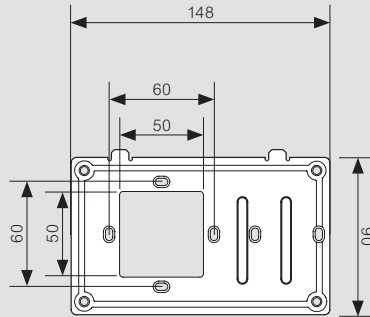
Dimensions expressed in millimeters

*Recommended installation height

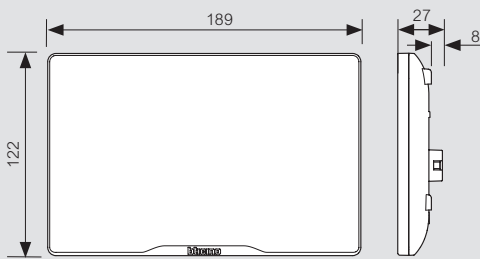
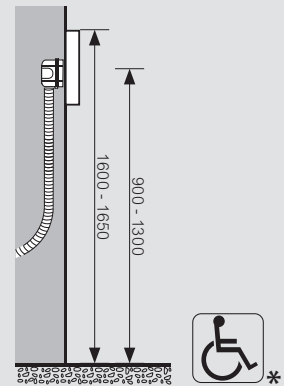
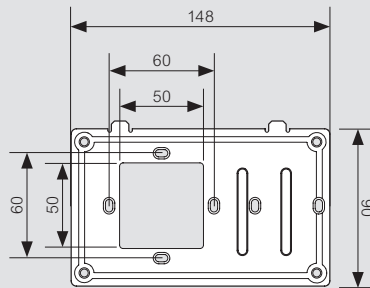
INDOOR UNITS



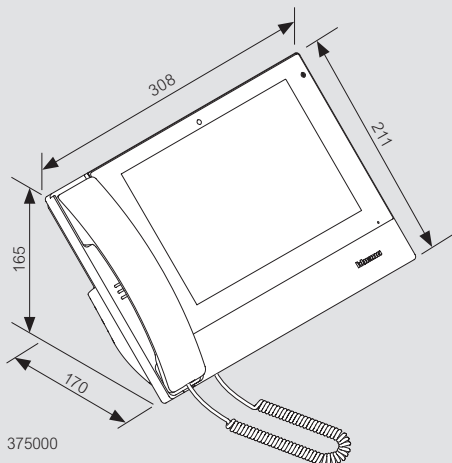
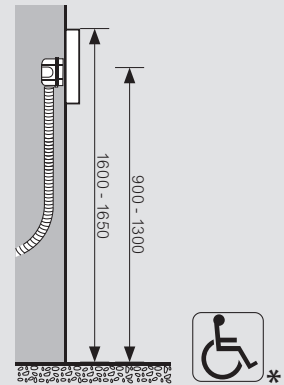
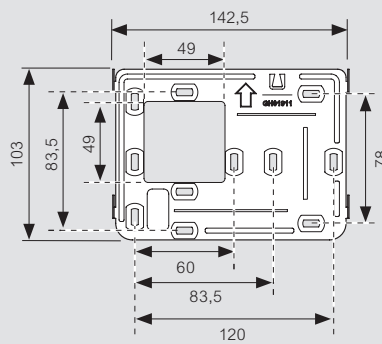
373001 - 373103



373002 - 373104



373005 - 373006 - 373007 - 373008

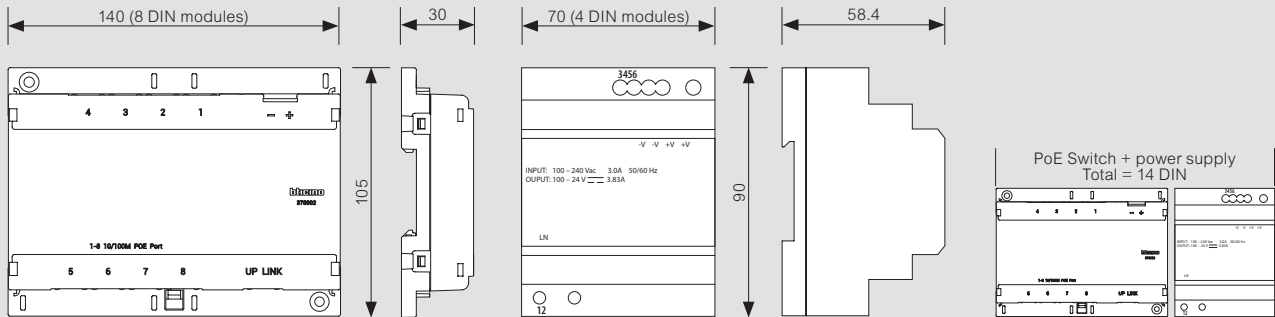


375000

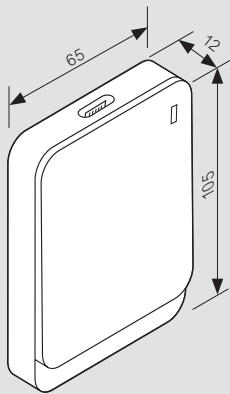
Dimensions expressed in millimeters
*Recommended installation height

Dimensional data

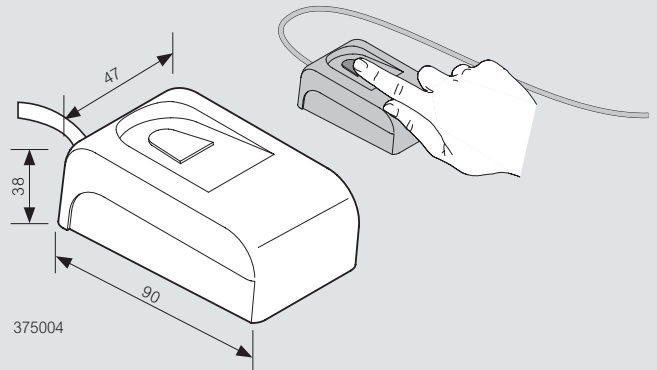
ACCESSORIES



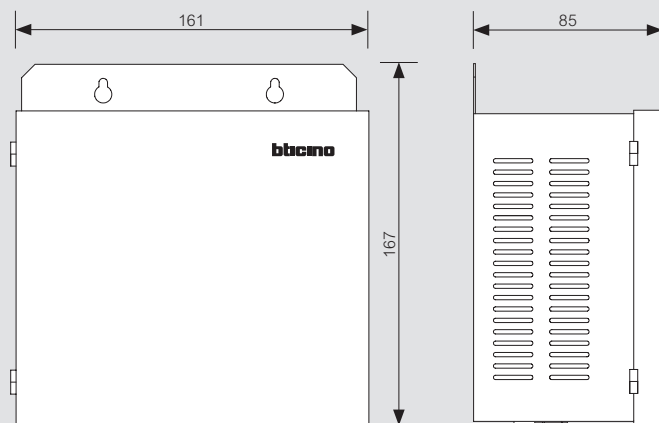
375002



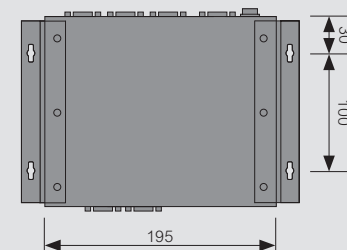
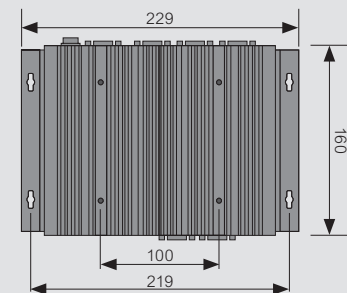
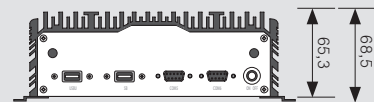
375003



375004



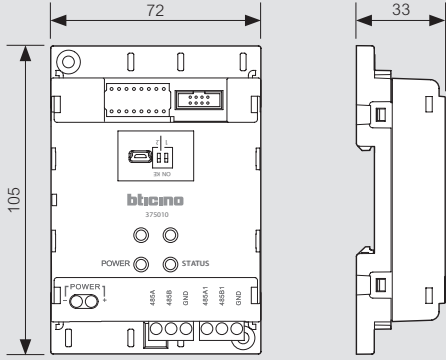
375005



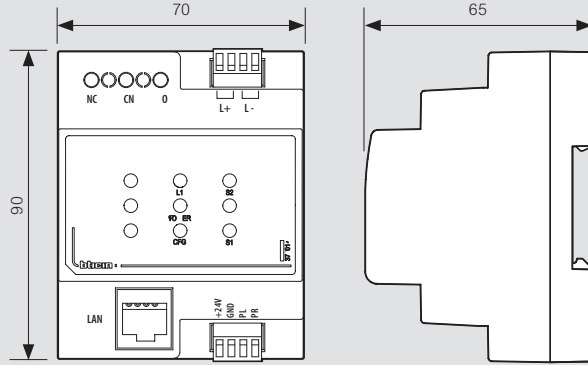
375001

Dimensions expressed in millimeters

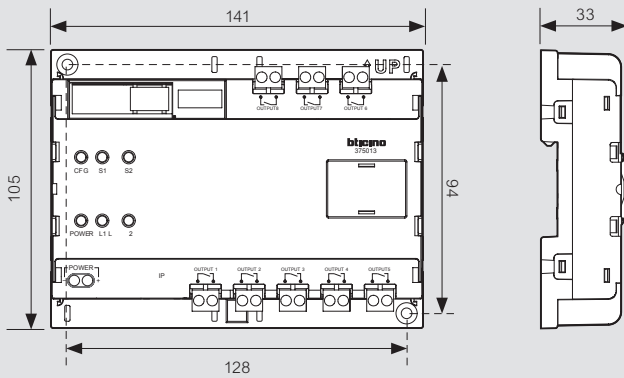
■ ACCESSORIES



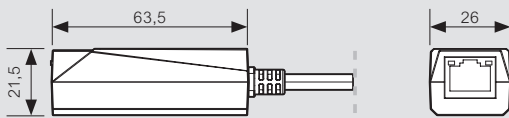
375010



375014



375013



375012

Example - system architecture

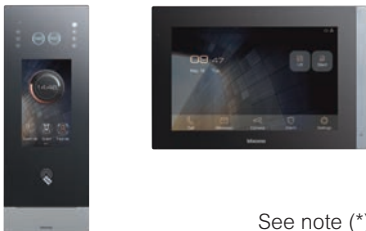
LAN Ethernet

LAN PoE BTicino

LAN PoE Standard

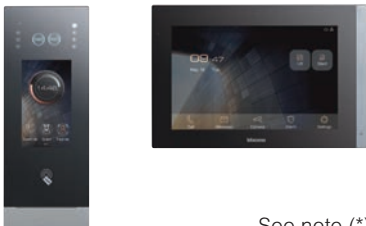
Apartment X
Building 1

**Apartment 2
Building 1**



See note (*)

**Apartment 1
Building 1**




See note (*)

**Entrance panel + Guard station
Building 1**




See note (*)

**PoE Switch BTicino
Building 1**



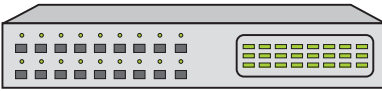
100-240 Va.c.

**PoE Switch BTicino
Building XX**




100-240 Va.c.

UP LINK



Network switch

Server DES with PC Client



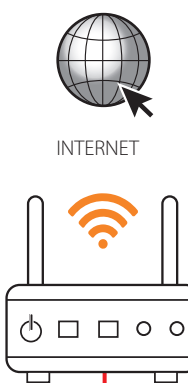
ONVIF IP cameras



Standard PoE switch

LAN PoE BTicino
Building XX

UP LINK



INTERNET

Modem router

Note (*): provide a PoE LAN cable for each BTicino device.

IP SYSTEM

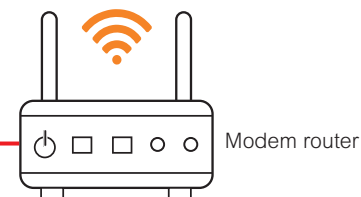
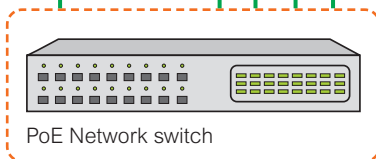
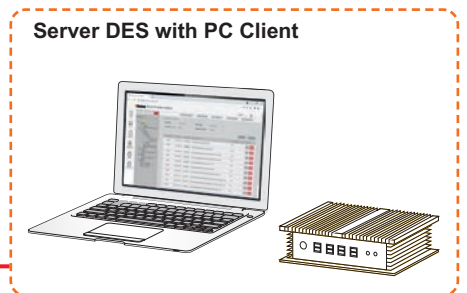
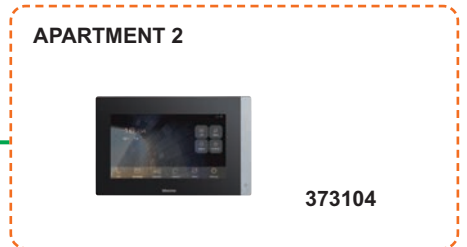
Standard PoE compatibility

- Indoor units 373008 - 373103 - 373104 natively compatible with standard PoE (RJ45 10/100 Base T - IEEE 802.3at POE 44 V-57 V)
- For all other devices it is possible to use PoE converter accessory 375012.

LAN Ethernet

LAN PoE BTicino

LAN PoE Standard



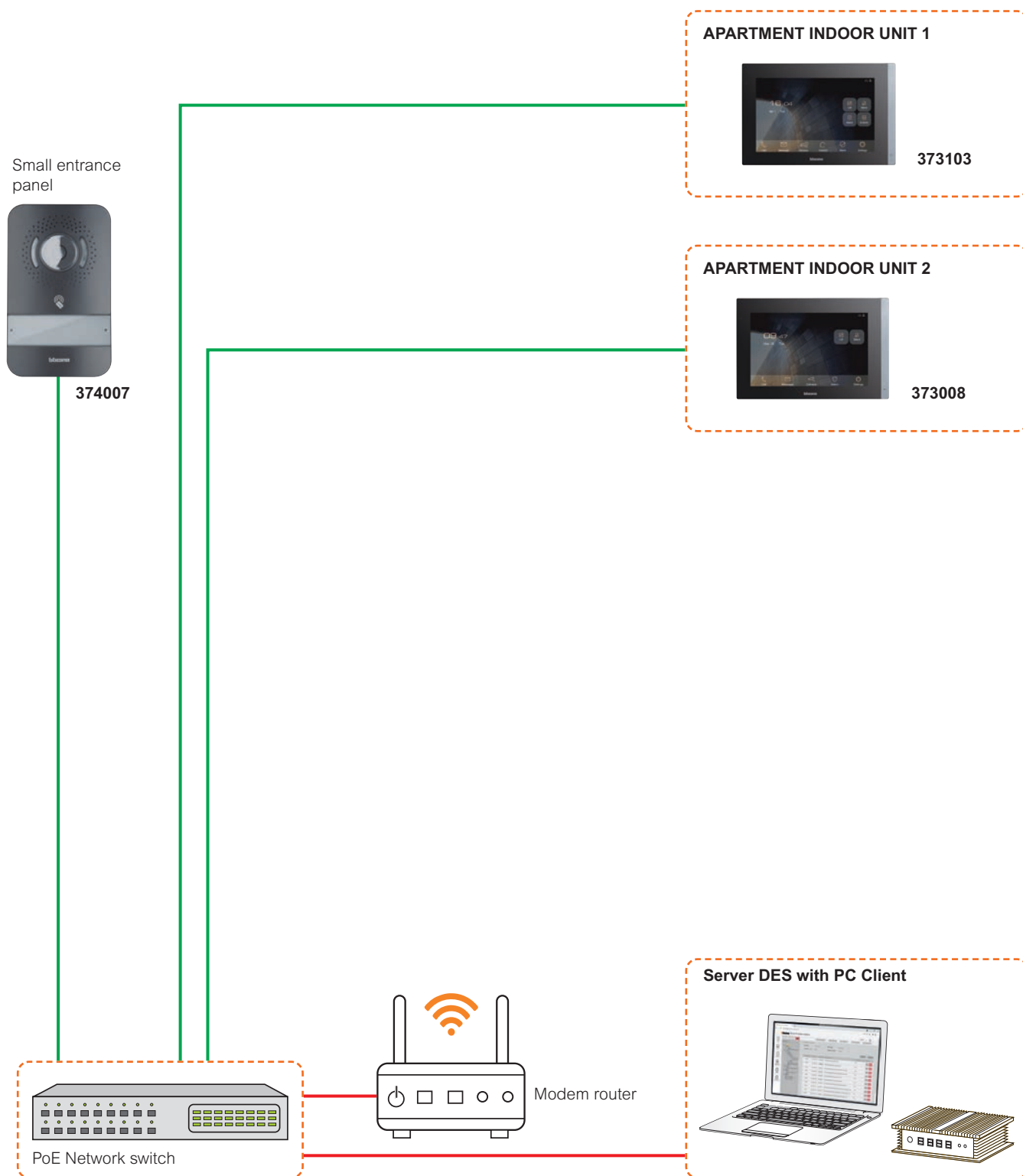
Note (*): provide a PoE LAN cable for each BTicino device.

System with standard PoE devices

- **Small entrance panel 374007** natively compatible with standard PoE (RJ45 10/100 Base T - IEEE 802.3af POE 44 V-57 V).
- **Indoor units 373008 - 373103** natively compatible with standard PoE (RJ45 10/100 Base T - IEEE 802.3at POE 44 V-57 V).
- For adding other devices it is possible to use PoE converter accessory 375012.

LAN Ethernet

LAN PoE Standard



Note (*): provide a PoE LAN cable for each BTicino device.

IP SYSTEM

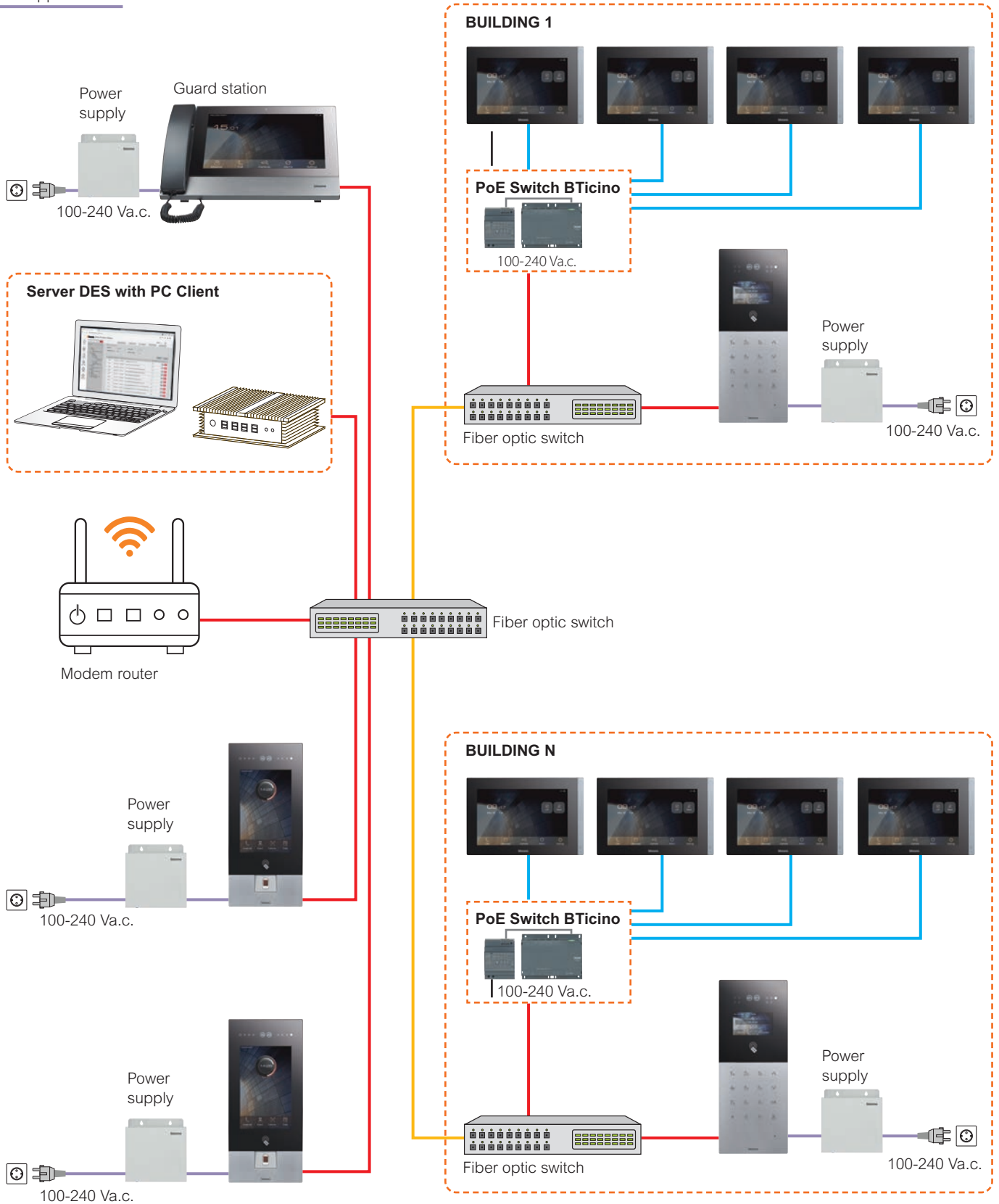
Example - fiber optic riser connection

Fiber optic

LAN Ethernet

LAN PoE BTicino

2 x Copper cables



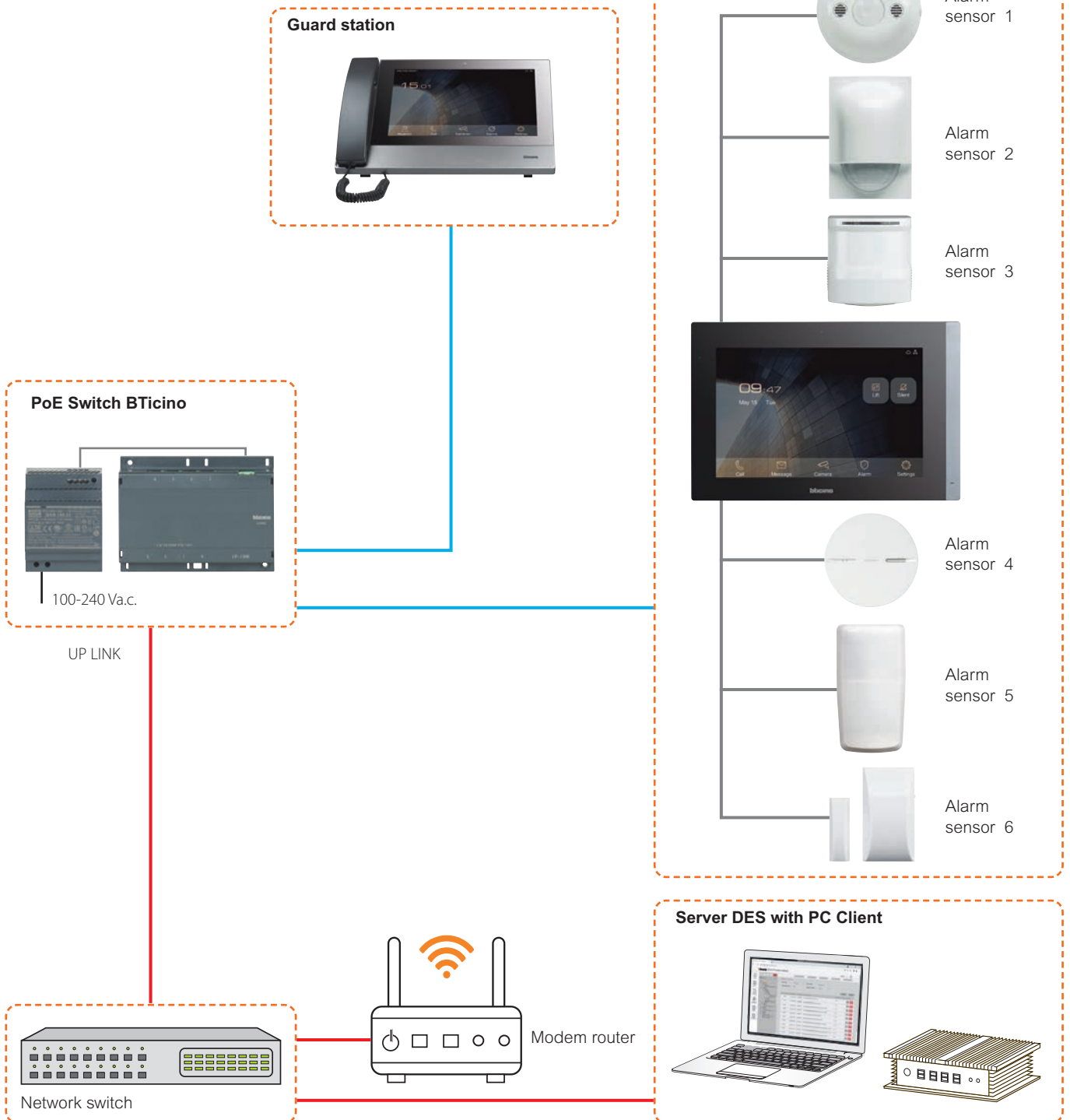
Example - alarms integration

ALARM FUNCTIONS

The guard station receives all the alarm notification messages, including the SOS alerts coming from the indoor units.

LAN Ethernet

LAN PoE BTicino

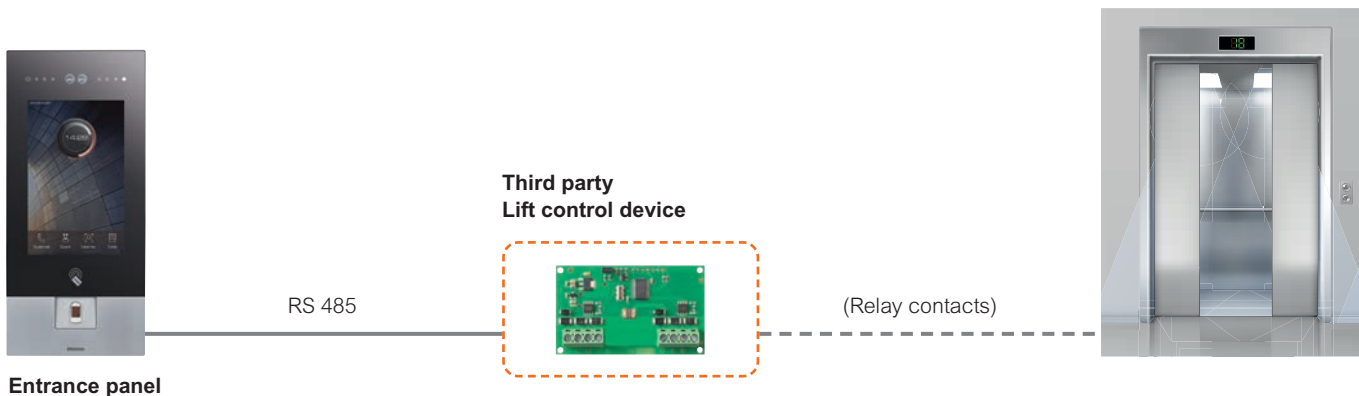


Example - lift control integration

■ LIFT CONTROL INTEGRATION CAN BE PERFORMED IN 2 DIFFERENT WAYS

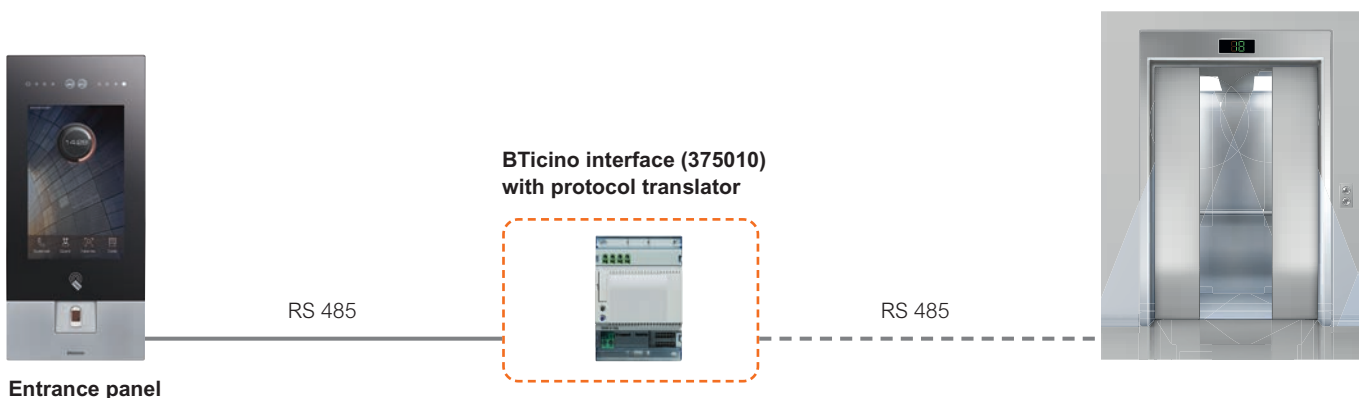
Entrance panel third party lift control device

BTicino only provides the lift control protocol for communicating the floor number based on the called apartment. The installer must provide the elevator controller and translate the protocol into a specific command for relays.



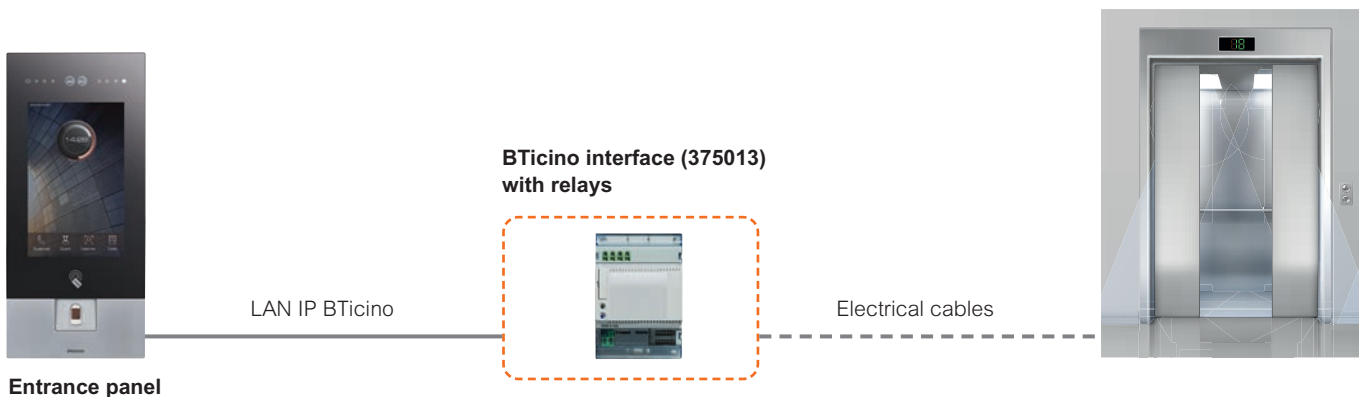
BTICINO (375010) lift control interface with protocol translator

The lift control interface must be configured using the dedicated software and selecting the lift brand and model. The entrance panel generates the information relating to which apartment has been called, the interface translates it according to the lift brand and model protocol and sends the information to the lift.



BTICINO (375013) lift control interface with relays

Lift control interface with 8 relays to integrate the IP Door Entry System with the building elevator system to enable the lift call when the resident answers and opens the gate. Each relay is associated with one floor to simulate the lift calling. The configuration is made directly in IP DES configuration tool included in Server DES 375001.



Note



Note



BTicino SpA
Viale Borri, 231
21100 Varese - Italy
www.bticino.com