BTICINO

25/05/2021

15:01

Absence Call Cameras Alarms Settings

bticino

RA00192AC-01/24-PC

Guard station IP DES

User and installation manual

bticino

Contents

Guard station IP DES

User and installation manual

bticino

General information

Warnings and recommendations

It is important to read this manual carefully before proceeding with the installation.
The warranty becomes automatically void in case of negligence, improper use, tampering by unauthorised personnel.
The Guard Station must only be installed indoors; it must not be exposed to water drops or splashes; it must be used only on IP DES digital systems.

Warnings and consumer rights

	Read carefully before use and keep for future reference.
	Touching the units with wet hands is forbidden. Using liquid cleaners or aerosols is forbidden. Blocking the ventilation openings is forbidden. Modifying the devices is forbidden. Removing protective parts from the devices is forbidden. Exposing the unit to water drops or splashes is forbidden. Installing the units near heat/cold sources is forbidden. Installing the units near harmful gases and powders is forbidden. Fastening the units on unsuitable surfaces is forbidden.
	Danger of electrical shock.
	Risk of devices falling because the surface on which they are installed collapses or inappropriate installation. Switch the power supply OFF before any work on the system.
	Caution: Installation, configuration, starting-up and maintenance must be performed exclusively by qualified personnel. Check that the wall installation has been carried out correctly according to the installation instructions. Check that the unit installation complies with the standards in force. Connect the power supply wires as indicated. Use only the items indicated in the technical specifications for any system expansions.

Warning: in case of a power failure, the device does not work and cannot be reached, any collection of personal data is interrupted.

Fundamental concepts

The device cannot be activated individually but must follow a general configuration found on the DES Server.
The DES Server is configured using a PC connected to the same LAN.
Once configured and activated, the DES Server makes available the configuration of local devices (Internal Unit, Entrance Panel, Guard Station, etc.)
When switched on, the device searches for a configuration (address book) on the DES Server and acquires it.

Naming of the devices

In this manual, for easy reading, the abbreviated device name is used as in the list:

– IU: Indoor Unit

– EP: Entrance Panel

– GS: Guard Station

– SD: Server DES

– SEP: Small Entrance Panel

– AB: Address book

– SW: IP DES SYSTEM

Community

The term Community means the housing complex reproduced in the project design made using the SW.
The structure in its maximum extension includes:

| AREA | ➡ | BUILDING | ➡ | RISER | ➡ | FLOOR | ➡ | APARTMENT |
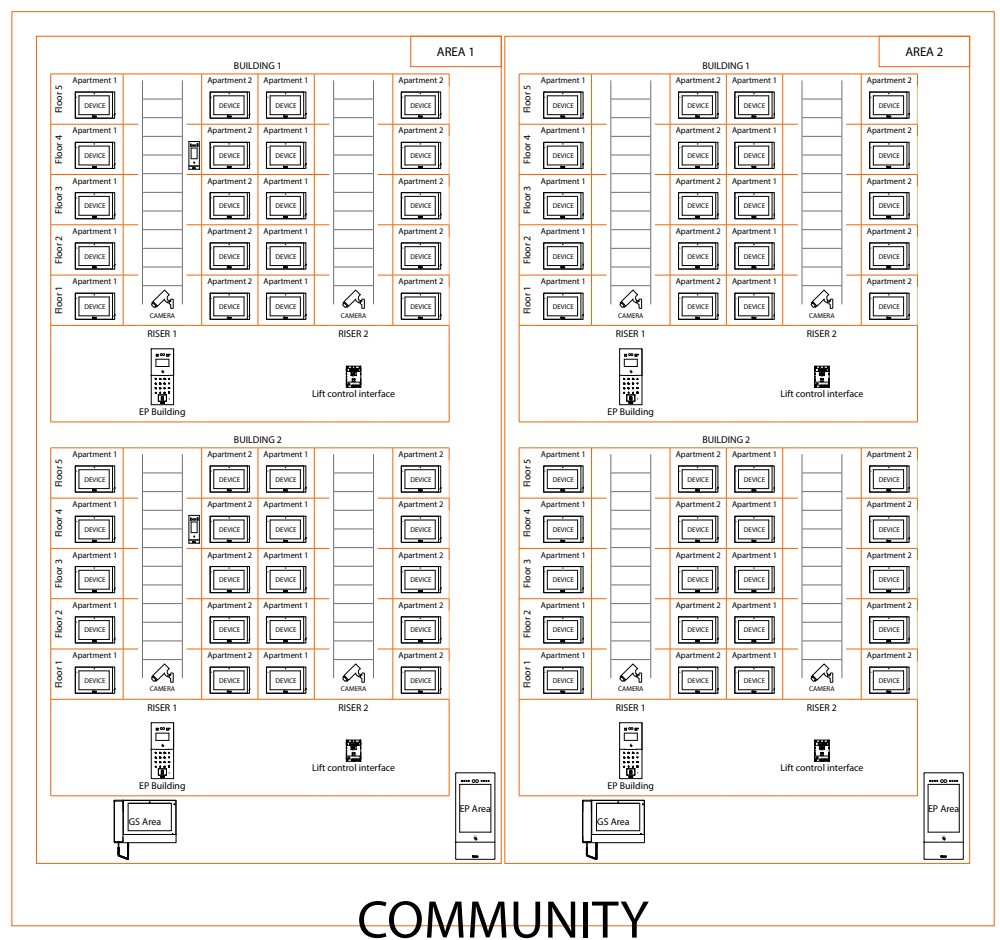
Call addressing procedures

On the basis of data recorded in the AB and the Community structure the calls can be made using various methods:

- **numeric call (using the standard address of the community)**;
- **alphanumeric call (using Alias)**;

Numeric call (using the standard address of the community)

To make this type of call you must know the address of the person being called, which depends on the community structure, for example:

- to call the IU highlighted in the diagram from the «A» EP, enter the corresponding address «**11010402**»;
- to call the IU highlighted in the diagram from the «B» EP, enter the corresponding address «**010402**», as the IU is positioned inside building 1 and therefore it is sufficient to type the Riser, Floor and Apartment number.
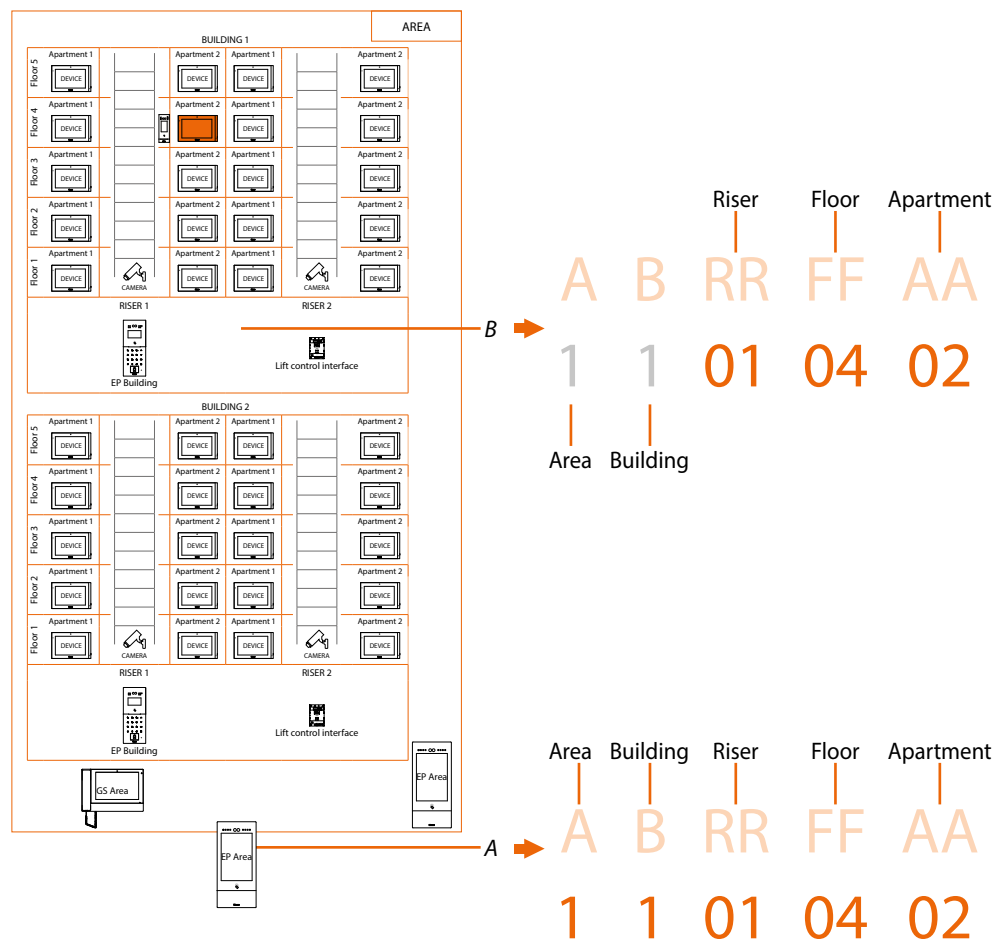
Note: during the configuration phase, the number of digits to be used for each call sector (Area/Building/Riser/Floor/Apartment) must be set.
Example: I have to call an apartment inside building 2
– if there are from 1 to 9 buildings in the area, I must enter «2» (one digit used for the Building call sector);
– if there are more than 10 buildings in the area, I must enter «02» (two digits used for the Building call sector);

The system will automatically show the correct number of digits to type and which data to enter on the basis of the EP position you are calling from, for example Area (2 01 06 02) or Building (01 06 02)

System configuration (default)
Areas 9, Building 99, Riser 99, Floor 99, Apartment 99
It is possible to modify the limits using the SW (see SW manual for details)

Alphanumeric call (using Alias)

The Alias is an alphanumeric code that replaces the community address created through the software.
The default alias is the same as the address in the Community*. However, this can be changed using the SW and can be of two types:

alias ALPHANUMERIC

B12

(*) 1 1 01 04 02

alias CONTACT IN THE ADDRESS BOOK

JOHN SMITH
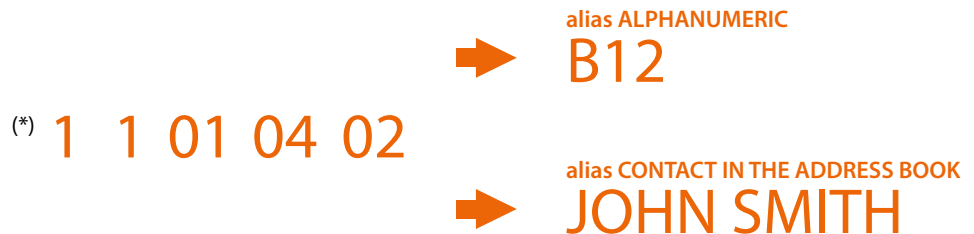
Call using alphanumeric alias

The alphanumeric alias can be used on all entrance panels, internal units and guard stations.
To make the call, enter the full alphanumeric alias in the device call menu - -> B12

Call using contact alias in the address book

The address book contact alias can be used on all internal units and guard stations, but only on entrance panels with touch display.
To make the call, use the appropriate address book button (icon) in the call menu of the device and select the desired contact (JOHN SMITH), or enter the contact alias using the auto-complete function - -> JOHN SMITH

Contacts

The positioning of the objects in their respective locations also allows the creation of the contact lists that they can manage: for example, an EP positioned in the building will only have the contacts of the same building.
The GS will always have the complete contact list of the entire community

Configuration

Address book, created using the SW, containing the addresses of all the system devices.

Lift function

The Lift Control function consists of the ability to interact with the lift system through calls and commands from the DES IP video door entry system.
The operating mode of the lift depends on its control system (BTicino cannot operate the lift but only send commands, which are interpreted and executed).
Safety must be guaranteed by an access control system or by the lift itself.

The lift control function can be realised in two modes:

–   The first is through protocol commands on RS485.
    Using the interface 375010, the IP DES video door entry system sends commands to the lift control centre to simulate a lift call.
    For more information, see the "Lift Interface Software Manual, item 375010".

–   The second mode is through dry contact commands.
    The DES IP video door entry system opens and/or closes contacts (output contacts from interface 375013). Lift calls are simulated when these contacts (correctly connected to the lift system) are opened or closed.
    Interface 375013 must be added as a device in the Community.
    After this, it will be necessary to configure the parameters in the **Lift Control function** page.

You can see some examples of connection diagrams in the manuals of the IP devices.

Fire-fighting

Enables the door lock opening function in case of fire.
The Fire-fighting function allows the automatic opening of EP door locks in the event of a fire.
The use of this function requires a clean contact in the GND FIRE-FIGHTING input clamp from the fire fighting system.
It is necessary to enable the function in Settings

OnVif IP cameras

OnVif IP cameras wired on the same network as the IP video door entry system with video surveillance of public and/or private areas.

What discussed in the previous sections is not applicable to all devices. Below is a list showing their applicability.

	Alphanumeric call (using alphanumeric alias)	Alphanumeric call (using contact alias in the address book)	Lift Control Function	Fire-fighting	OnVif IP cameras
373001	✓	✓	✓	✗	✓
373002	✓	✓	✓	✗	✓
373003	✓	✓	✓	✗	✓
373004	✓	✓	✓	✗	✓
373005	✓	✓	✓	✗	✓
373006	✓	✓	✓	✗	✓
373007	✓	✓	✓	✗	✓
373008	✓	✓	✓	✗	✓
374000	✓	✓	✓	✓	✗
374001	✓*	✗	✓	✓	✗
374002	✓	✓	✓	✓	✗
374003	✓*	✗	✓	✓	✗
374004	✗	✗	✓**	✓	✗
374005	✓	✓	✓***	✓	✗
374006	✗	✗	✓**	✓	✗
375000	✓	✓	✗	✗	✓

*__NOTE__: function only available with numbers and letters between 0-9 and A-I*

**__NOTE__: function only valid with contact interface 375013*

***__NOTE__: function only valid with contact interface 375013 or with interface 375011, but only in SLAVE mode*

Front and rear view
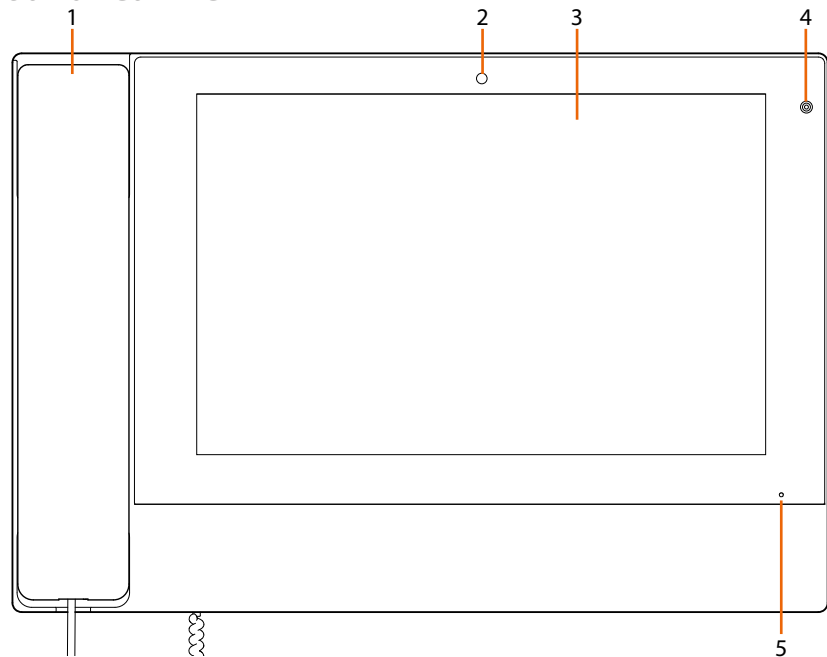
1. Handset
2. Camera
3. Display 10" (touch screen)
4. Microphone
5. Notification LED
   – Red led: alarm not processed
   – Blue led: missed call
   – Purple LED: unprocessed alarm + missed call
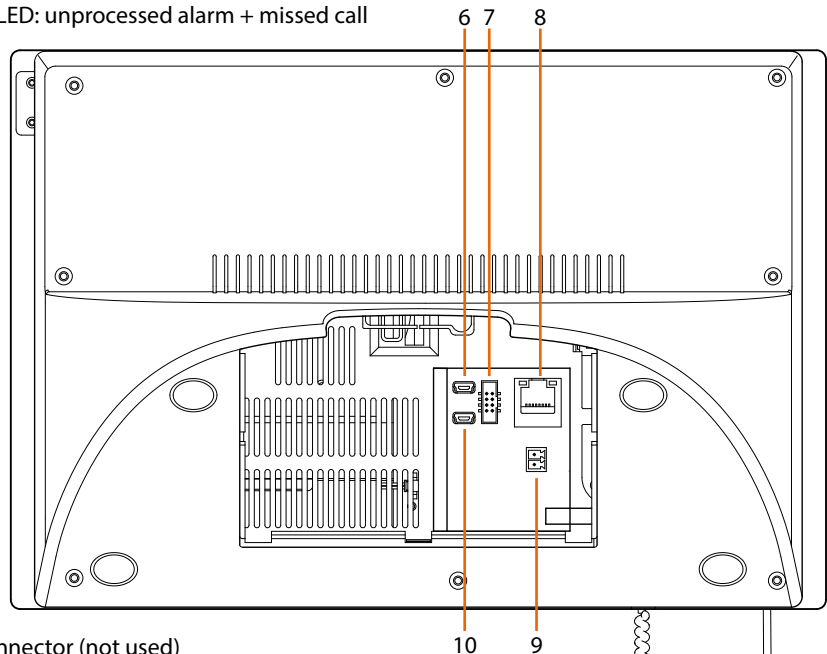
6. USB 1 connector (not used)
7. Not used
8. RJ45 * connector
9. Additional power supply clamps
   (not polarized)
10. USB 2 connector (not used)

(*) This device does not support standard POE power supplies, but only POE power supplies identified with item no. 375002.
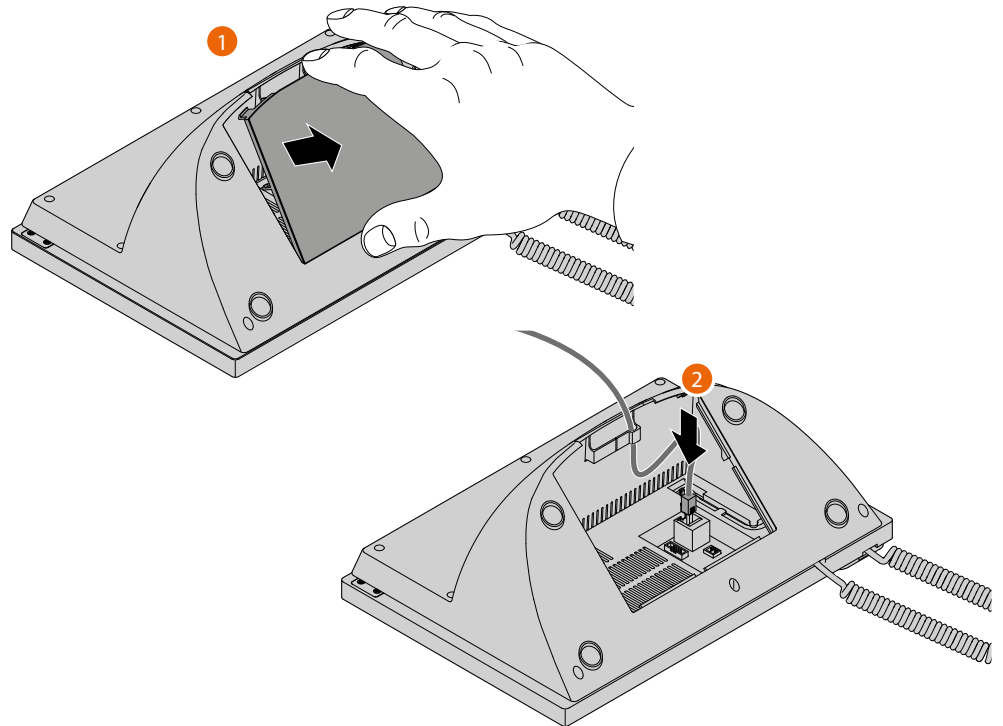*Connect the cat5/5e/6 FTP or cat5/5e/6 UTP cable with ferrite supplied to the connector.*

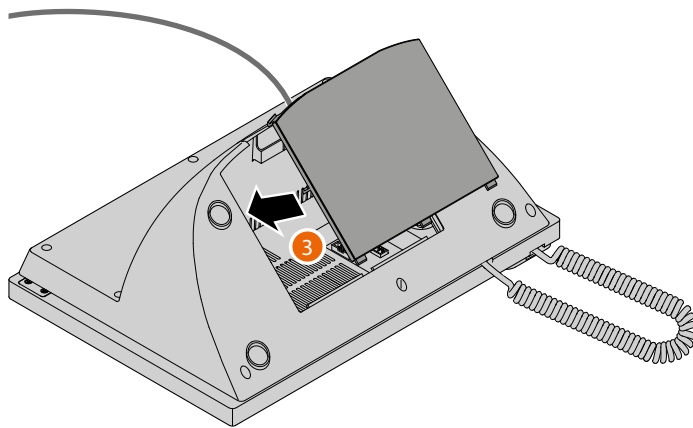## Dimensional data

308 mm

211 mm

165 mm

170 mm
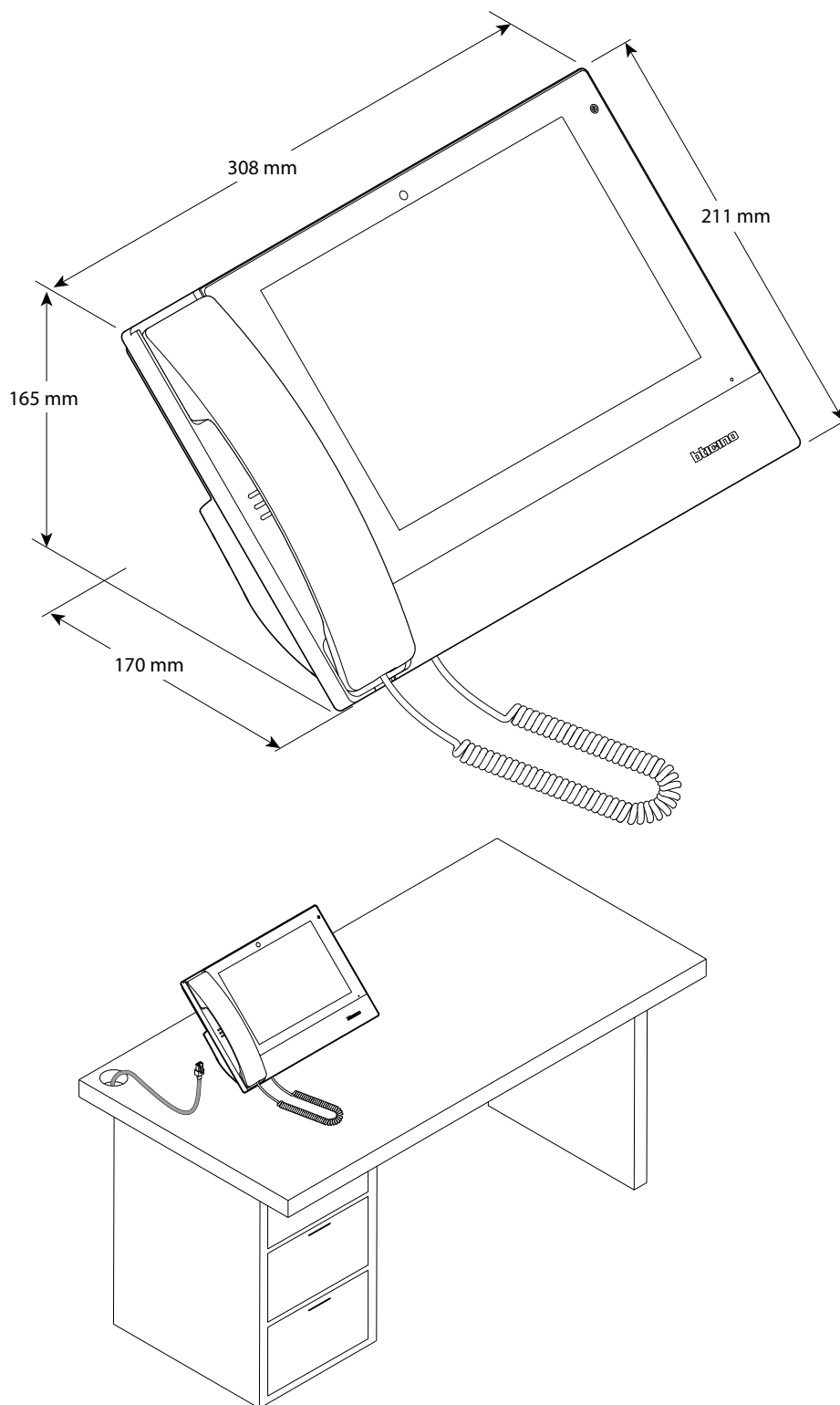
Attention: to ensure correct operation, the GS must be installed indoors, in a position protected from rain and away from heat sources.
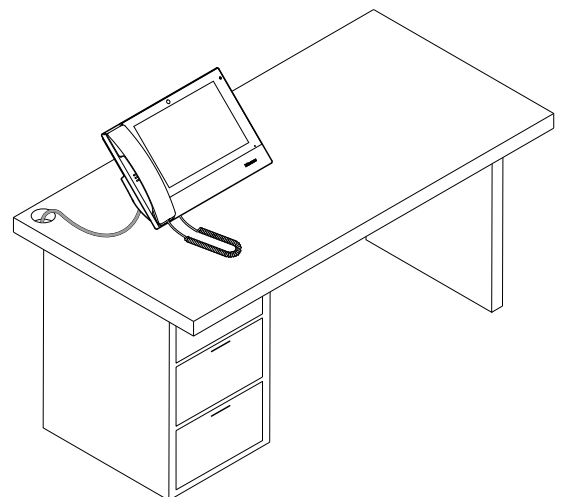
Installation

Attention: place the GS on a flat surface, making sure not to damage the display.

Attention: The wrong wiring of the Ethernet cable connecting the device to the Poe Switch 375002 could damage the device itself..
*The RJ45 cable must be at least 200 mm long.*

Activation

After configuring the MAC address of the device in the SD, when switched on, the device searches for a configuration (address book) on the DES Server and acquires it.

NOTE: if the device were already configured in the past, it must be reset.
After rebooting, the device will configure itself

If the automatic activation of the device is unsuccessful, warning messages and manual activation modes may appear.
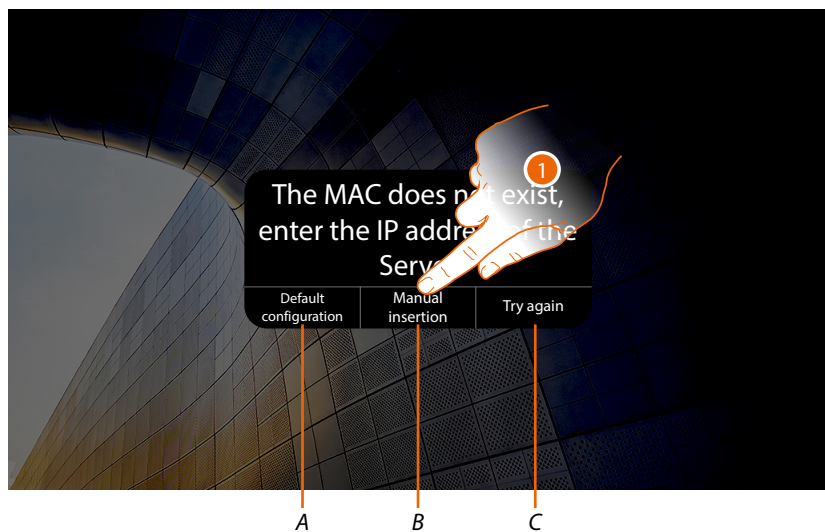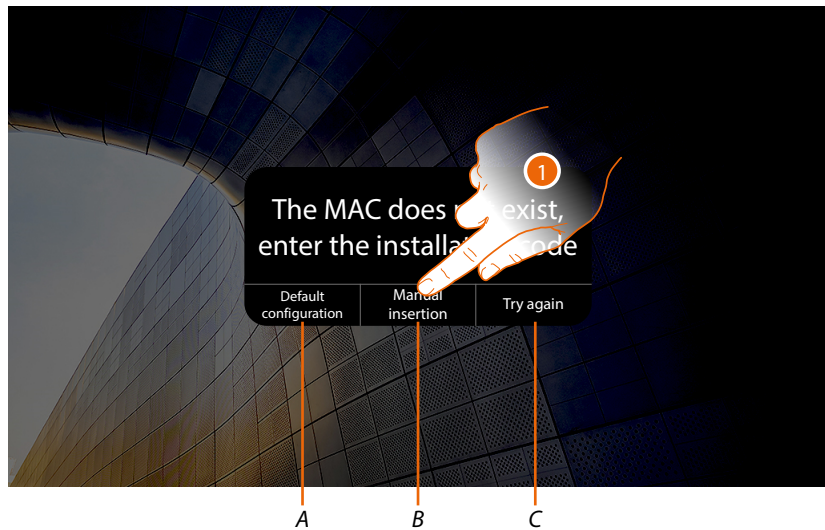

A   Not to be used

B   Button allowing manual entry of the server IP address or installation code. By entering one of the two described parameters, it is possible to force the configuration of the device by putting it into forced communication with the server.
   NOTE: to display the IP address, see the "Community Network Settings" menu of the SW, to display the installation code, see the "Device/Management" menu of the SW.

C   Button to test the activation of the device

1.   Touch to manually enter the server IP address or the system access code

IP address
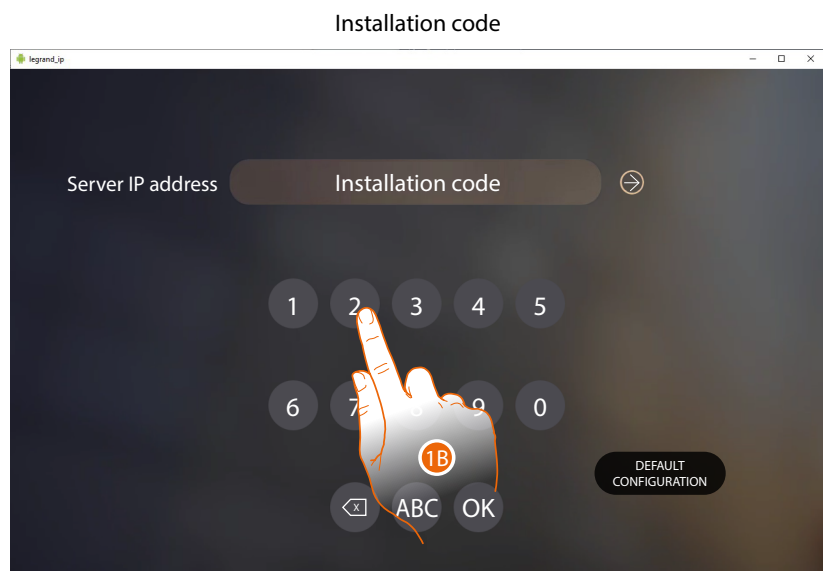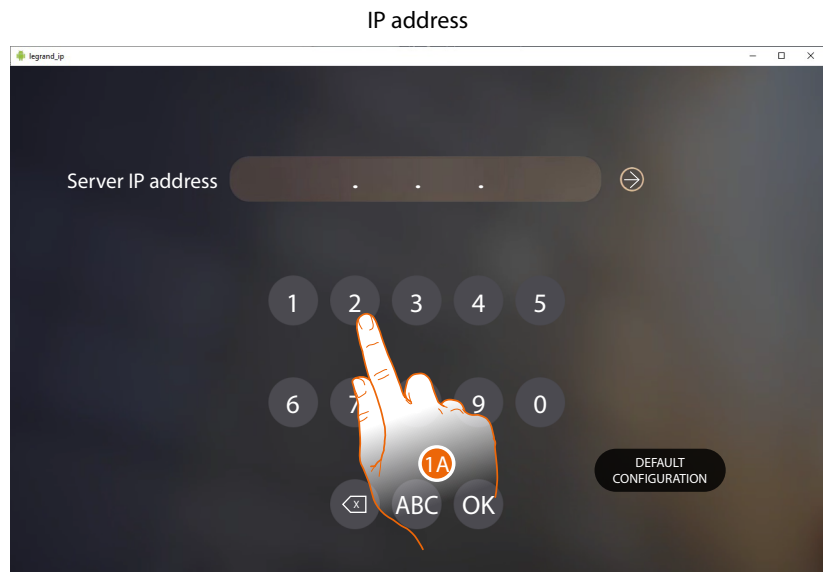
Installation code

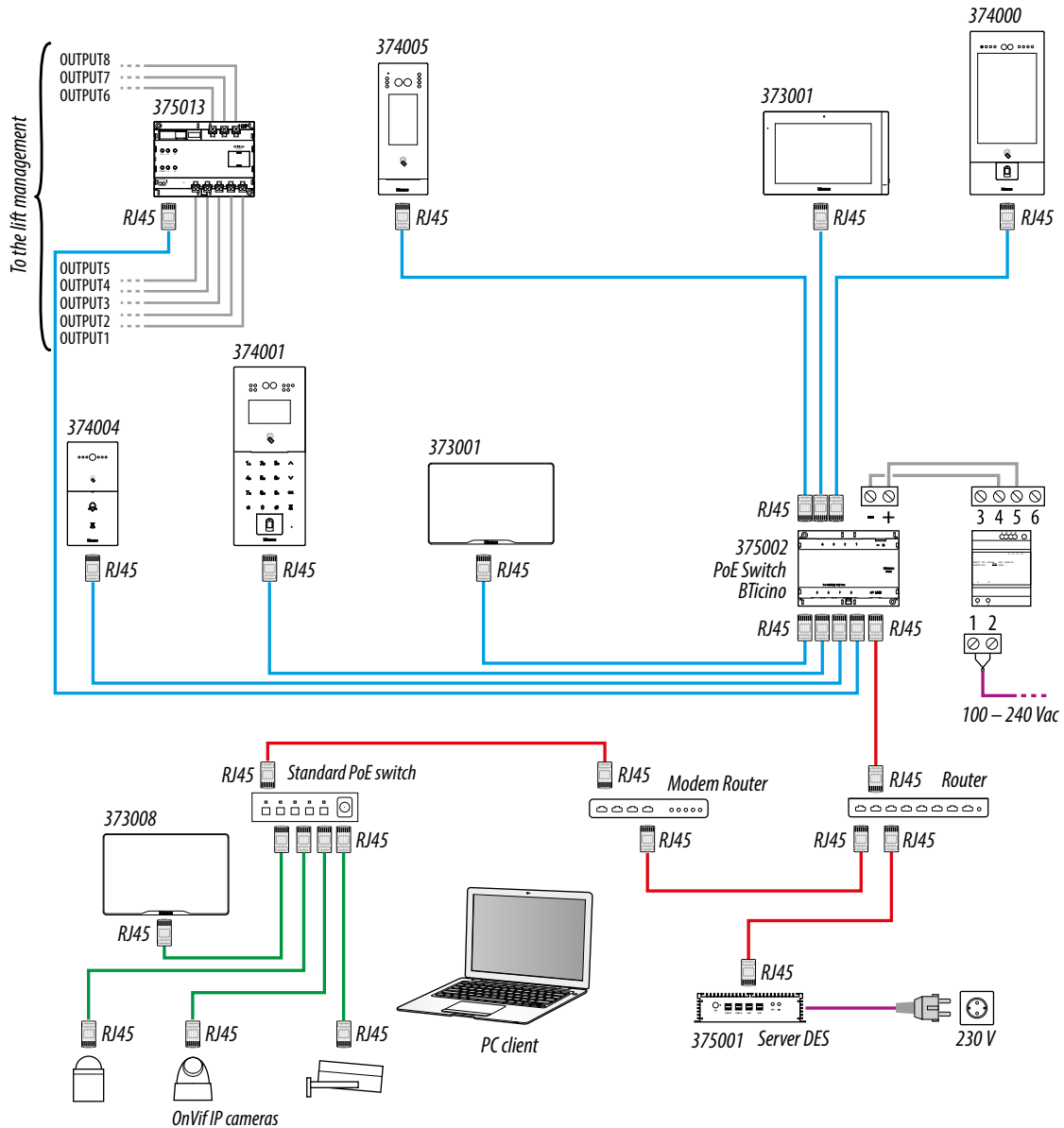1A. Enter the IP address of the server.

1B. Enter the installation code

Example diagrams

A - Diagram with power supply by BTicino PoE Switch

| CABLES LEGEND | LAN PoE Standard ▬▬ | LAN PoE BTicino ▬▬ | LAN Ethernet ▬▬ | Copper cables ▬▬ | 2 x Copper cables ▬▬ |

It is possible to use two different types of connection according to installation situation:

OnVif IP cameras

PC client

375001 Server DES

Caution:

– connect the devices only to the PoE 375002 switches. No other PoE switches are permitted.
– only item 373008 can be connected to an IEEE 802.3at standard PoE switch (POE+)
– item 375001 must be connected to the LAN network, not to PoE switches
– connect the UP LINK port of the 375002 to a suitable network port, never to a PoE port.
– use a cat5/5e/6 FTP or cat5/5e/6 UTP cable. If using a UTP cable, use the supplied ferrite.

Note:

– to connect the devices it is possible to use both types of wiring (diagram A or diagram B) or even mixed ones.
– maximum length of every LAN permanent link line = 90 m.

B - Diagram with local power supply

| CABLES LEGEND | LAN PoE Standard ——— | LAN PoE BTicino ——— | LAN Ethernet ——— | Copper cables ——— | 2 x Copper cables ——— |

It is possible to use two different types of connection according to installation situation:

Caution:

– connect the devices only to the PoE 375002 switches. No other PoE switches are permitted.

– only item 373008 can be connected to an IEEE 802.3at standard PoE switch (POE+)

– item 375001 must be connected to the LAN network, not to PoE switches

– connect the UP LINK port of the 375002 to a suitable network port, never to a PoE port.

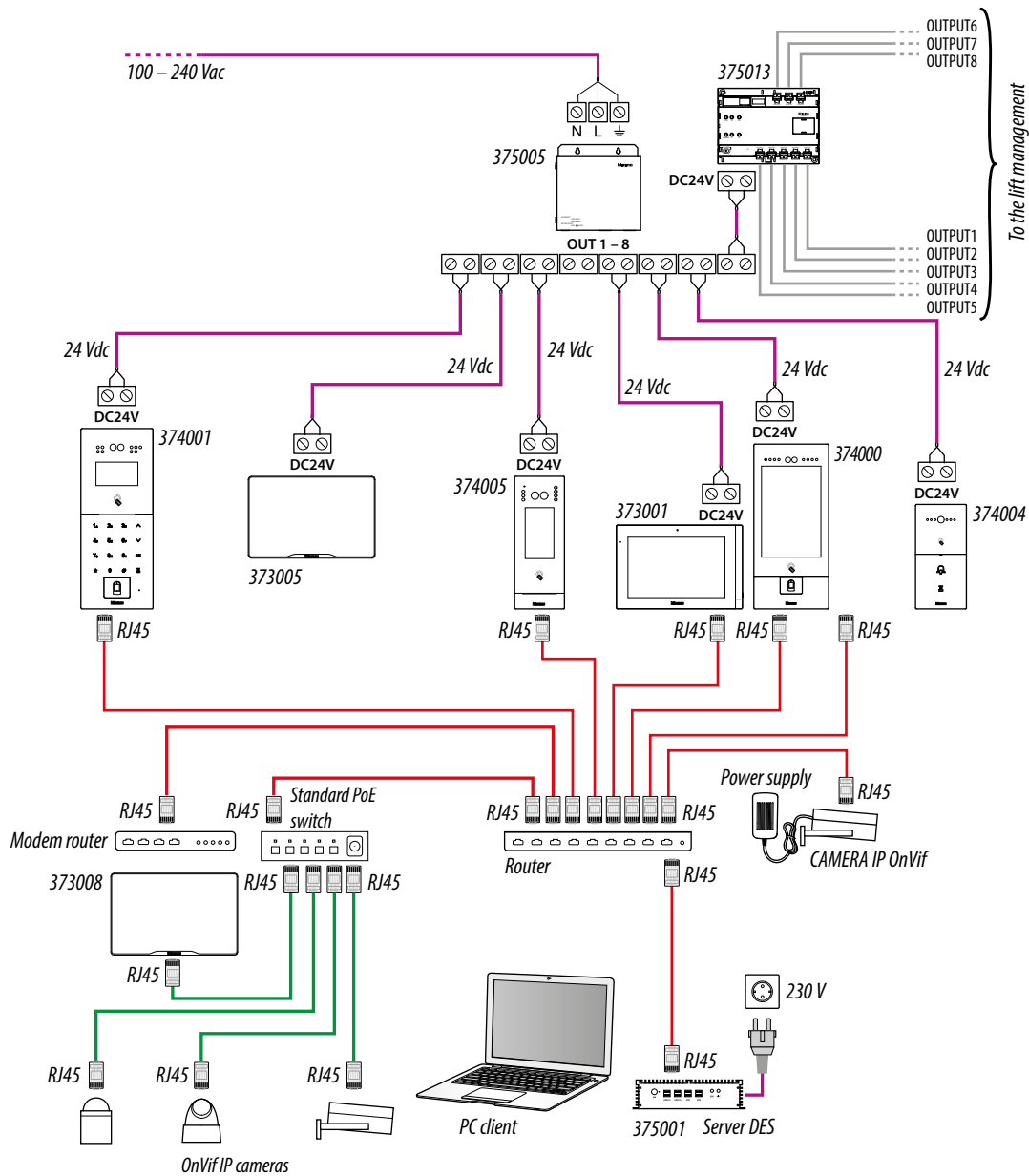– use a cat5/5e/6 FTP or cat5/5e/6 UTP cable. If using a UTP cable, use the supplied ferrite.
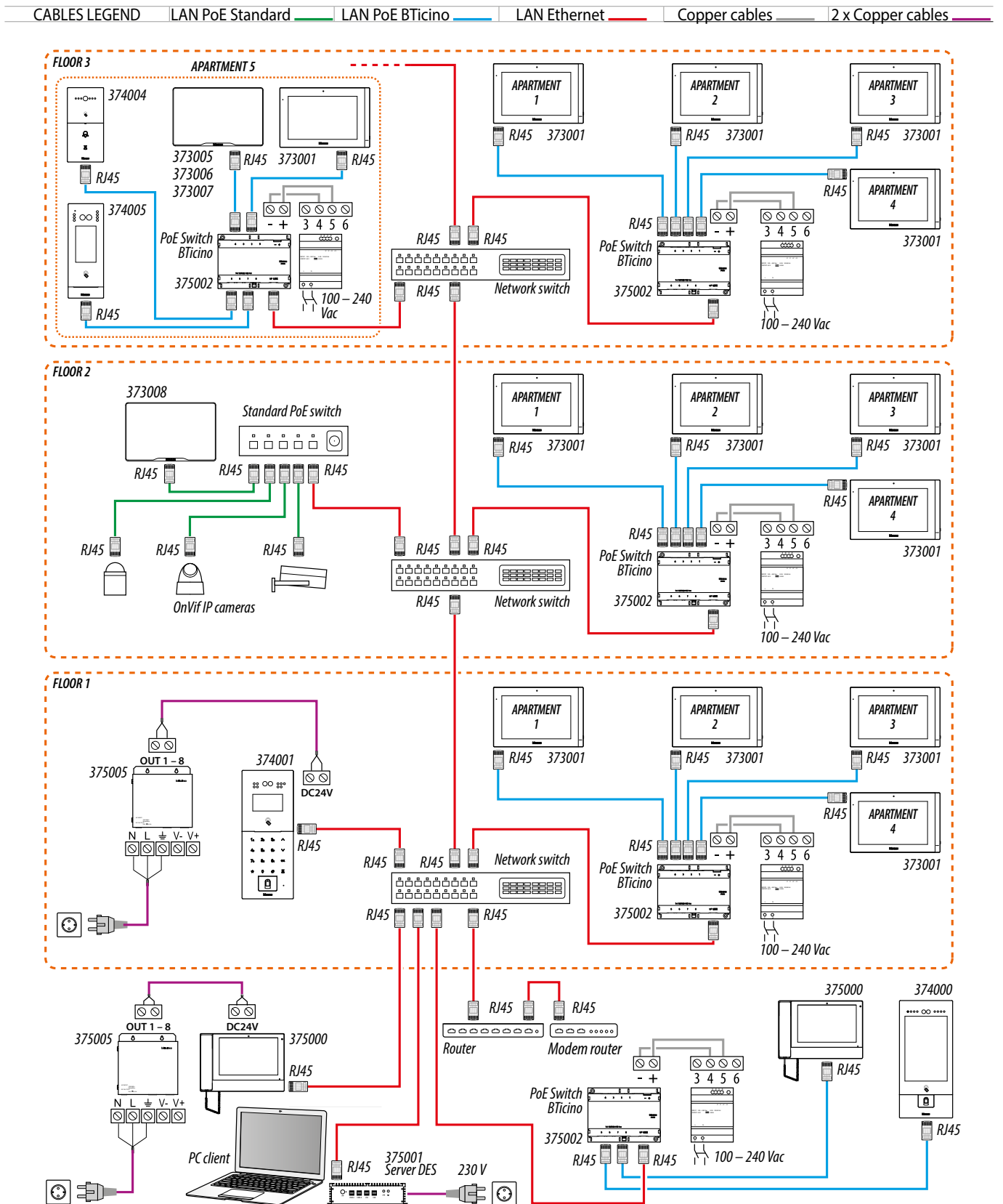
Note:

– to connect the devices it is possible to use both types of wiring (diagram A or diagram B) or even mixed ones.

– maximum length of every LAN permanent link line = 90 m.

Guard station IP DES

User and installation manual
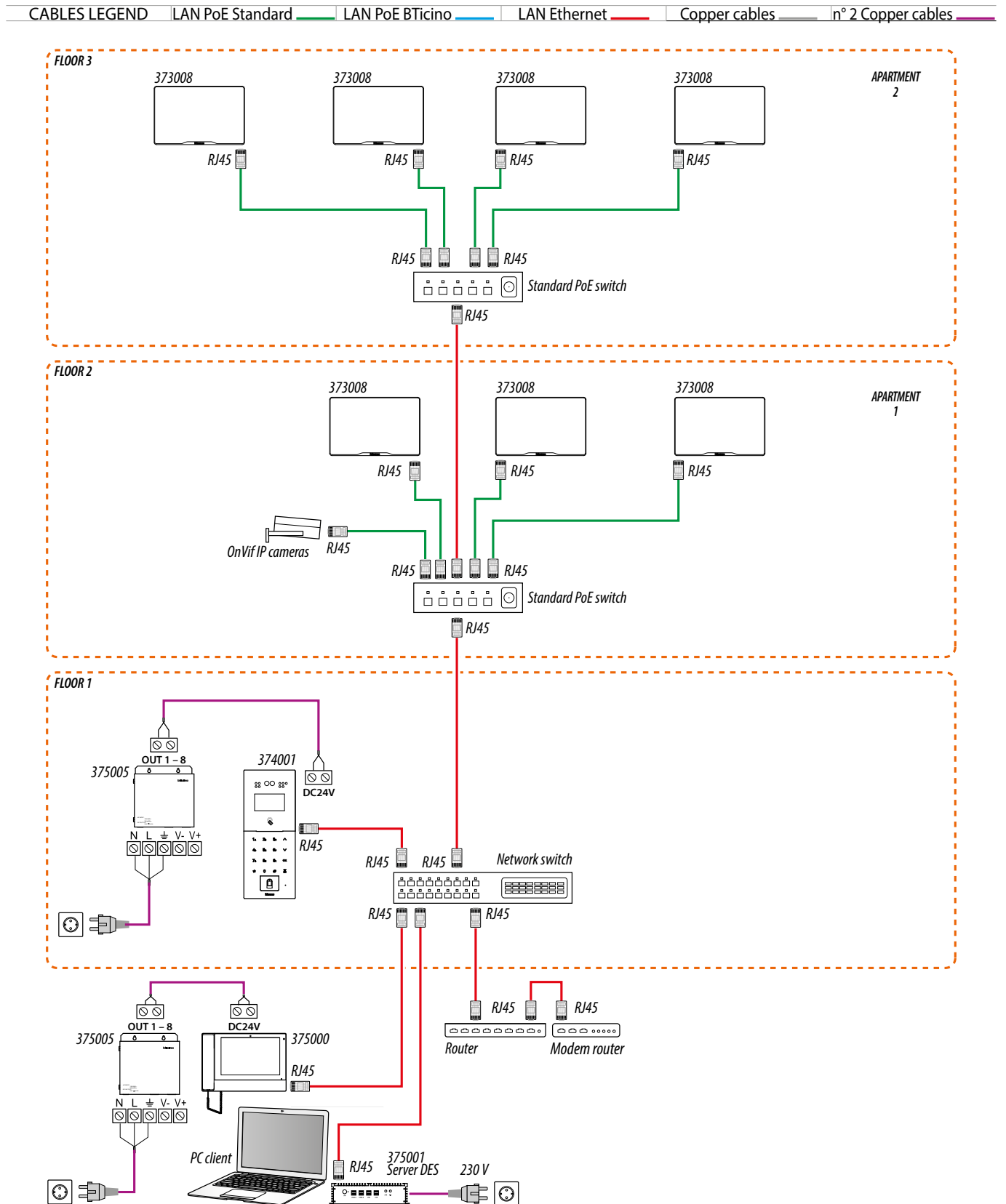
bticino

Ethernet connection

| CABLES LEGEND | LAN PoE Standard ——— | LAN PoE BTicino ——— | LAN Ethernet ——— | Copper cables ——— | 2 x Copper cables ——— |

Attention: check the installation **precautions** *and* **notes**

Ethernet connection to the Standard PoE switch

| CABLES LEGEND | LAN PoE Standard —— | LAN PoE BTicino —— | LAN Ethernet —— | Copper cables —— | n° 2 Copper cables —— |

FLOOR 3

APARTMENT 2

373008 373008 373008 373008

RJ45 RJ45 RJ45 RJ45

RJ45 RJ45 RJ45

Standard PoE switch

RJ45

FLOOR 2

APARTMENT 1

373008 373008 373008

RJ45 RJ45 RJ45

OnVif IP cameras RJ45

RJ45 RJ45

Standard PoE switch

RJ45

FLOOR 1

OUT 1 – 8

375005

374001

DC24V

N L V- V+

RJ45

RJ45 RJ45 RJ45 Network switch

RJ45 RJ45 RJ45

OUT 1 – 8 DC24V 375000

375005

N L V- V+

RJ45

RJ45 Router RJ45 Modem router

PC client

RJ45 375001 Server DES 230 V

Attention: check the installation **precautions** *and* **notes**

btıcıno

Fiber optic riser connection (case of higher bandwidth demand)

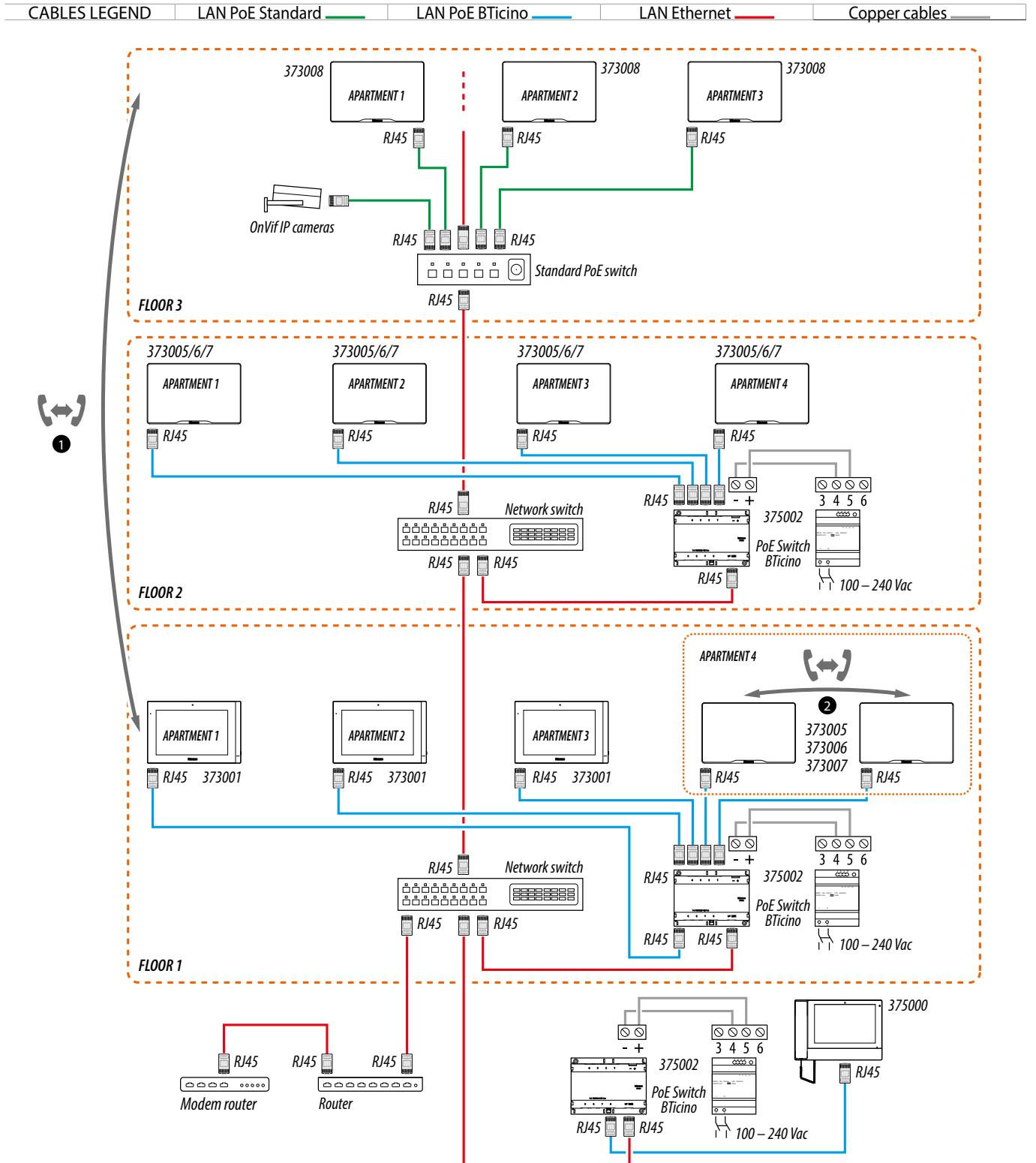| CABLES LEGEND	LAN PoE Standard	LAN PoE BTicino	LAN Ethernet	Optical fiber	Copper cables	n° 2 Copper cables
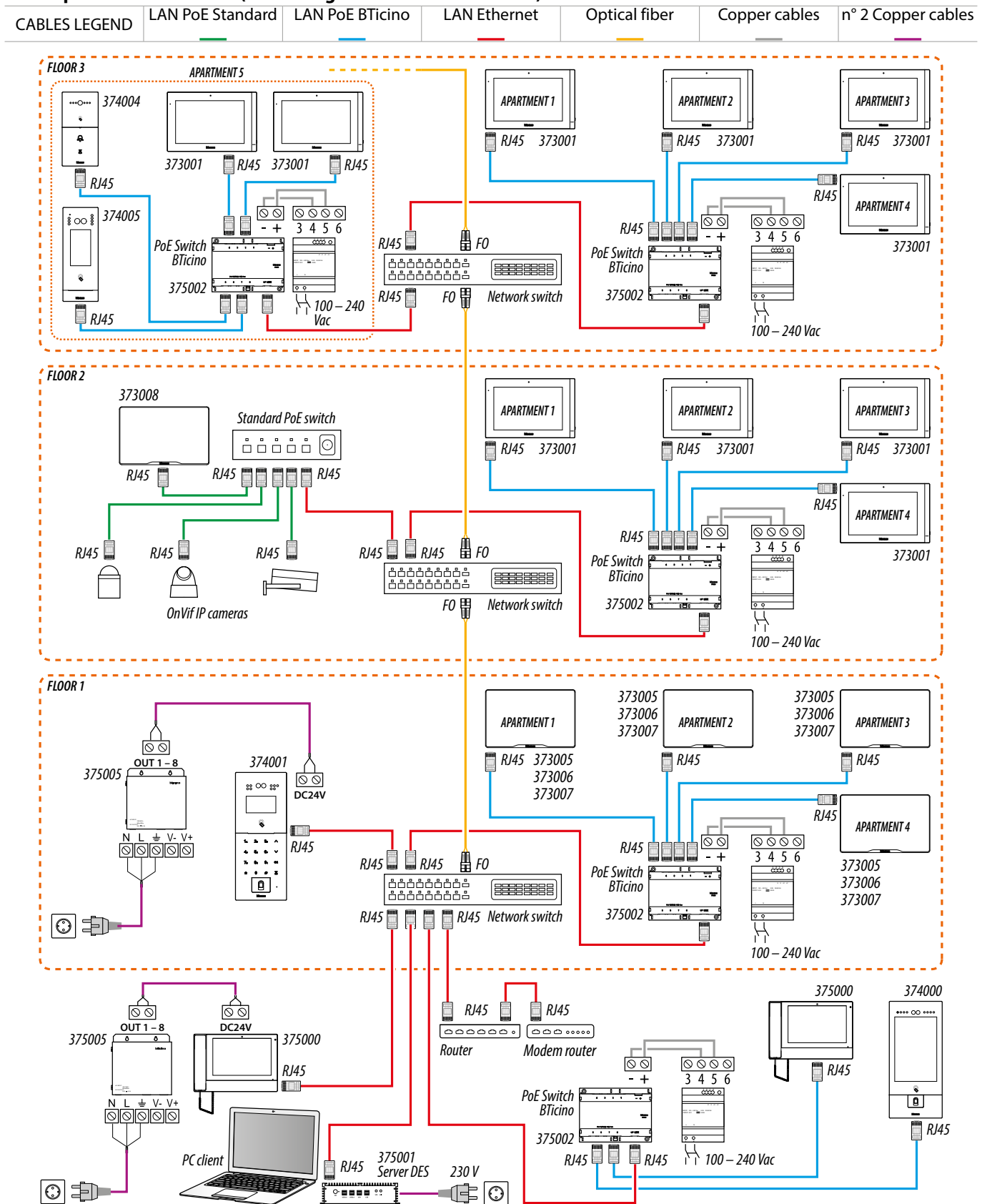
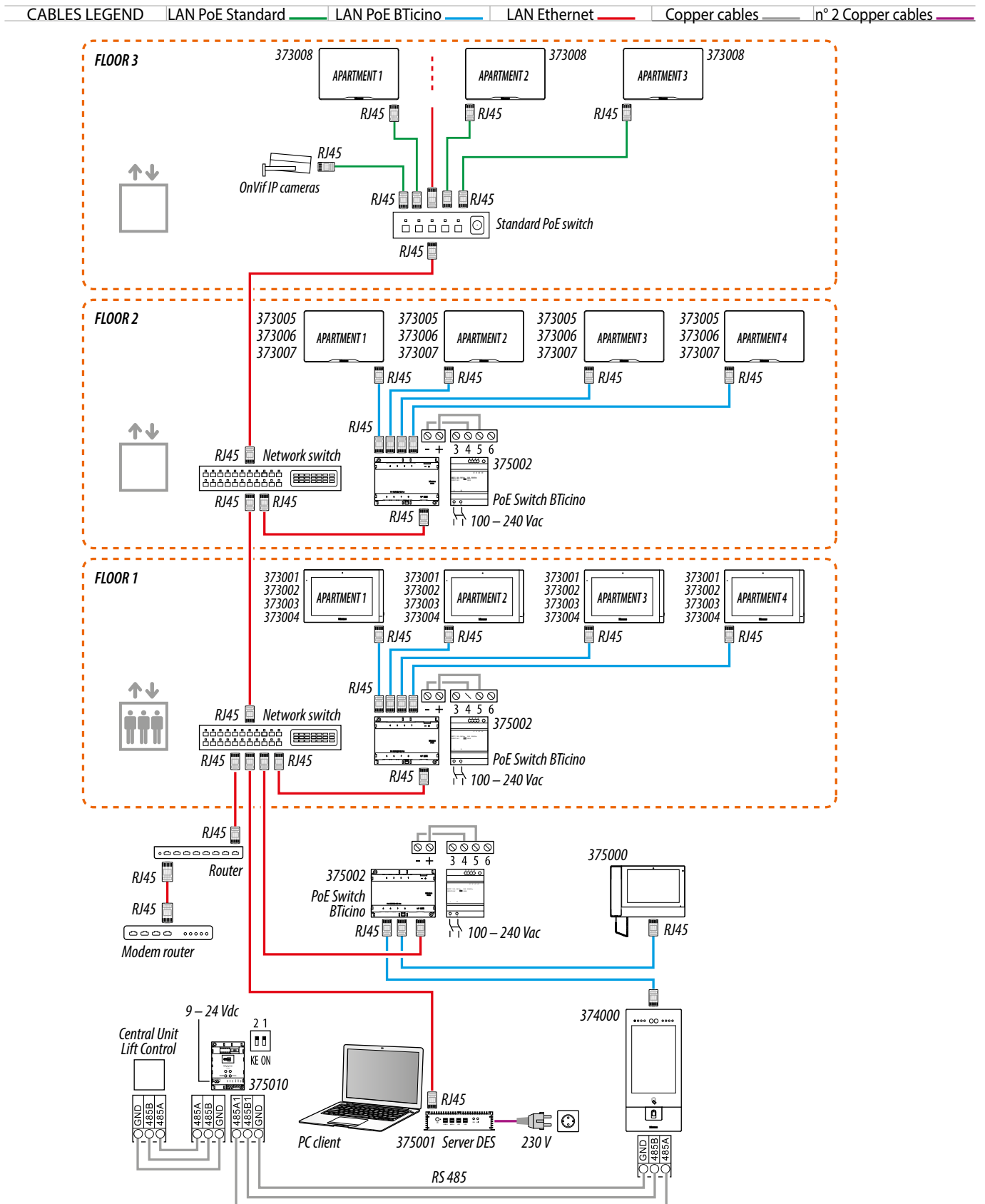*Attention: check the installation **precautions** and **notes***

Intercom function

Audio intercom between internal unit:

❶ - of different apartments (same building or different building)
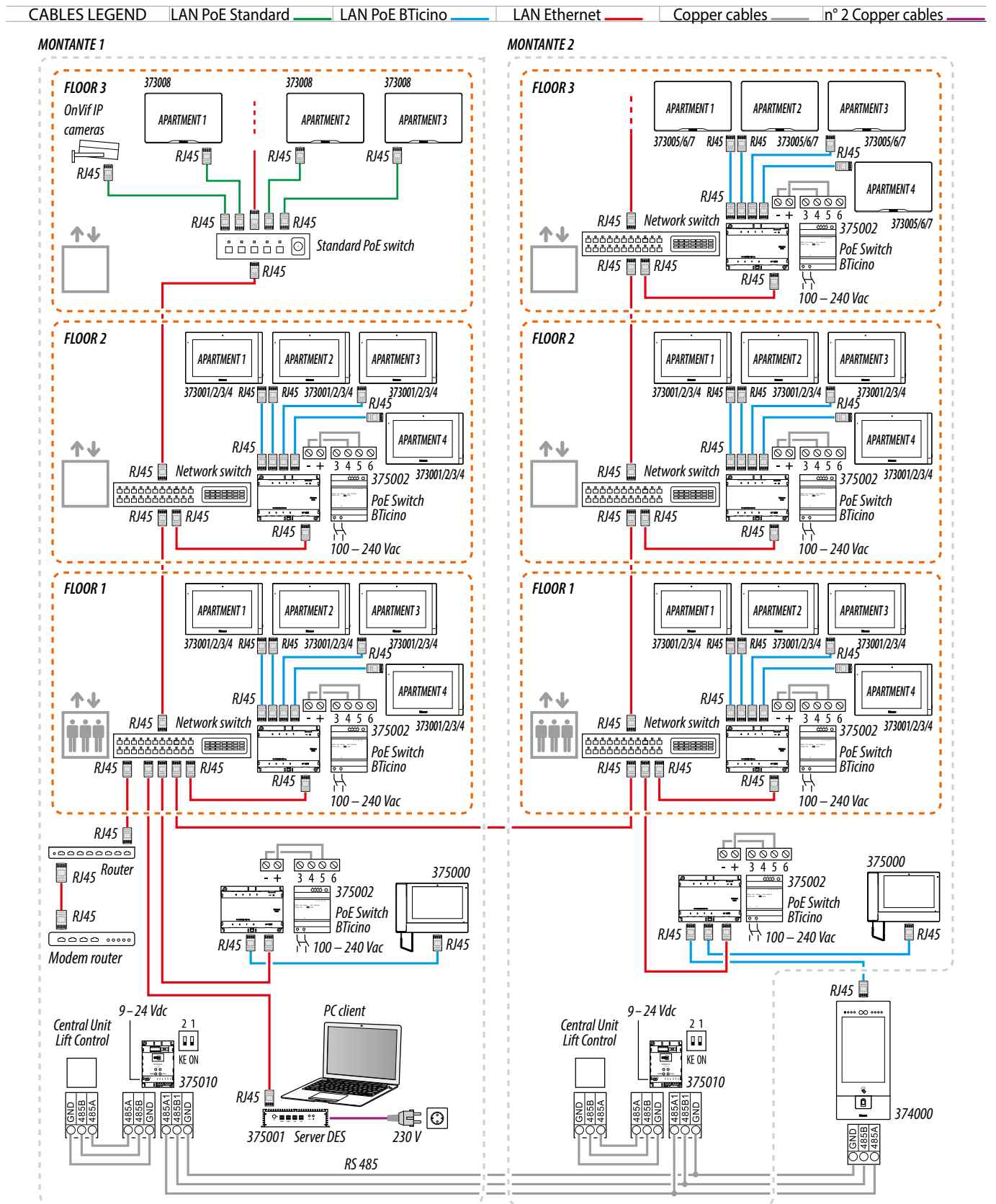
❷ - inside the same apartment.

CABLES LEGEND	LAN PoE Standard ——	LAN PoE BTicino ——	LAN Ethernet ——	Copper cables ——

FLOOR 3

373008 — APARTMENT 1 — APARTMENT 2 — APARTMENT 3

RJ45

OnVif IP cameras

RJ45 — Standard PoE switch

RJ45

FLOOR 2

373005/6/7 — APARTMENT 1 — APARTMENT 2 — APARTMENT 3 — APARTMENT 4

RJ45

Network switch — RJ45

PoE Switch BTicino — 375002 — 3 4 5 6 — 100 – 240 Vac

FLOOR 1

APARTMENT 1 — 373001 — APARTMENT 2 — 373001 — APARTMENT 3 — 373001

APARTMENT 4 — ❷ — 373005 373006 373007

RJ45

Network switch — RJ45

PoE Switch BTicino — 375002 — 3 4 5 6 — 100 – 240 Vac

Modem router — Router

RJ45

PoE Switch BTicino — 375002 — 3 4 5 6 — 100 – 240 Vac — 375000

Attention: check the installation **precautions** *and* **notes**

Lift control 1 - Lift control with protocol interface 375010, 1 riser, 1 entrance panel

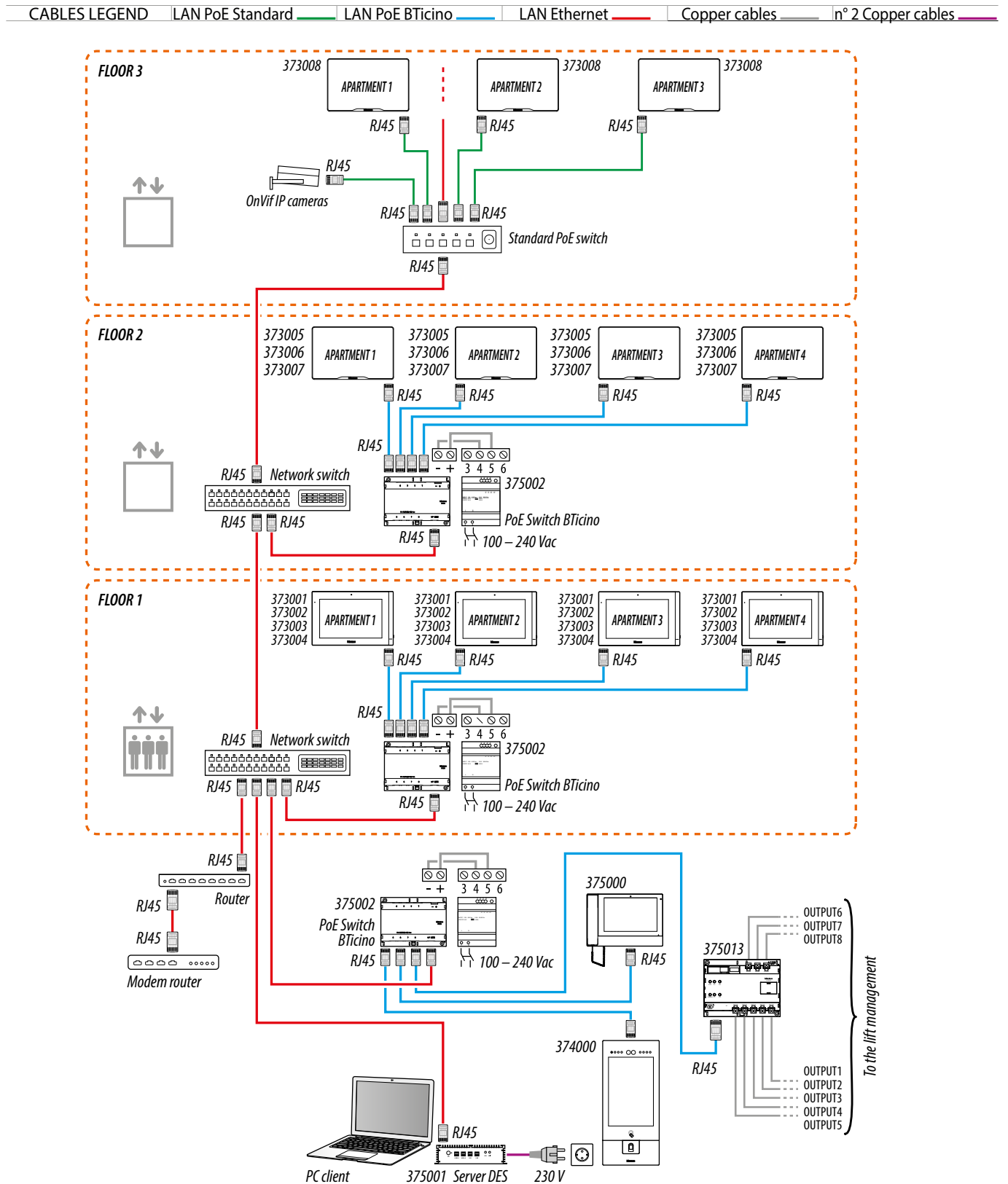| CABLES LEGEND	LAN PoE Standard ———	LAN PoE BTicino ———	LAN Ethernet ———	Copper cables ———	n° 2 Copper cables ———

FLOOR 3

373008 — APARTMENT 1 — RJ45
373008 — APARTMENT 2 — RJ45
373008 — APARTMENT 3 — RJ45

RJ45 — OnVif IP cameras

RJ45 — RJ45

Standard PoE switch

RJ45

FLOOR 2

373005 / 373006 / 373007 — APARTMENT 1 — RJ45
373005 / 373006 / 373007 — APARTMENT 2 — RJ45
373005 / 373006 / 373007 — APARTMENT 3 — RJ45
373005 / 373006 / 373007 — APARTMENT 4 — RJ45

RJ45 — Network switch

RJ45 — RJ45

RJ45

− + 3 4 5 6

375002

PoE Switch BTicino

100 – 240 Vac

FLOOR 1

373001 / 373002 / 373003 / 373004 — APARTMENT 1 — RJ45
373001 / 373002 / 373003 / 373004 — APARTMENT 2 — RJ45
373001 / 373002 / 373003 / 373004 — APARTMENT 3 — RJ45
373001 / 373002 / 373003 / 373004 — APARTMENT 4 — RJ45

RJ45 — Network switch

RJ45 — RJ45

RJ45

− + 3 4 5 6

375002

PoE Switch BTicino

100 – 240 Vac

RJ45

RJ45 — Router

RJ45

Modem router

375002
PoE Switch
BTicino

RJ45

− + 3 4 5 6

100 – 240 Vac

375000

RJ45

374000

9 – 24 Vdc

Central Unit
Lift Control

2 1
KE ON

375010

GND 485B 485A   485A 485B   485A1 485B1 GND

PC client   RJ45   375001 Server DES   230 V

RS 485

GND 485B 485A

Lift control 2 - Lift control with protocol interface 375010, more risers, 1 entrance panel

CABLES LEGEND	LAN PoE Standard ▬▬▬	LAN PoE BTicino ▬▬▬	LAN Ethernet ▬▬▬	Copper cables ▬▬▬	n° 2 Copper cables ▬▬▬

MONTANTE 1

FLOOR 3
OnVif IP cameras
373008
APARTMENT 1 RJ45
373008
APARTMENT 2 RJ45
373008
APARTMENT 3 RJ45
RJ45
RJ45 RJ45
Standard PoE switch
RJ45

FLOOR 2
373001/2/3/4
APARTMENT 1 RJ45
APARTMENT 2 RJ45 373001/2/3/4
APARTMENT 3 RJ45
373001/2/3/4
RJ45
APARTMENT 4
RJ45 Network switch
RJ45 RJ45 RJ45
- + 3 4 5 6
375002
373001/2/3/4
PoE Switch BTicino
100 – 240 Vac

FLOOR 1
373001/2/3/4
APARTMENT 1 RJ45
APARTMENT 2 RJ45 373001/2/3/4
APARTMENT 3 RJ45
373001/2/3/4
RJ45
APARTMENT 4
RJ45 Network switch
RJ45 RJ45 RJ45
- + 3 4 5 6
375002
373001/2/3/4
PoE Switch BTicino
100 – 240 Vac

RJ45
RJ45 Router
RJ45
Modem router

- + 3 4 5 6
375002
375000
PoE Switch BTicino
RJ45 100 – 240 Vac RJ45

Central Unit Lift Control
9 – 24 Vdc
2 1
KE ON
375010
GND 485B 485A | 485A 485B GND | 485A1 485B1 GND

PC client
RJ45
375001 Server DES
230 V
RS 485

MONTANTE 2

FLOOR 3
APARTMENT 1 APARTMENT 2 APARTMENT 3
373005/6/7 RJ45 RJ45 373005/6/7 373005/6/7
RJ45
APARTMENT 4
RJ45 Network switch
RJ45 RJ45 - + 3 4 5 6 375002 373005/6/7
RJ45
PoE Switch BTicino
100 – 240 Vac

FLOOR 2
373001/2/3/4
APARTMENT 1 RJ45
APARTMENT 2 RJ45 373001/2/3/4
APARTMENT 3 RJ45
373001/2/3/4
RJ45
APARTMENT 4
RJ45 Network switch
RJ45 RJ45 RJ45
- + 3 4 5 6
375002
373001/2/3/4
PoE Switch BTicino
100 – 240 Vac

FLOOR 1
373001/2/3/4
APARTMENT 1 RJ45
APARTMENT 2 RJ45 373001/2/3/4
APARTMENT 3 RJ45
373001/2/3/4
RJ45
APARTMENT 4
RJ45 Network switch
RJ45 RJ45 RJ45
- + 3 4 5 6
375002
373001/2/3/4
PoE Switch BTicino
100 – 240 Vac

- + 3 4 5 6
375002
375000
PoE Switch BTicino
RJ45 100 – 240 Vac RJ45

RJ45

Central Unit Lift Control
9 – 24 Vdc
2 1
KE ON
375010
GND 485B 485A | 485A 485B GND | 485A1 485B1 GND

374000
GND 485B 485A

*Attention: check the installation **precautions** and **notes***

23

Lift control 3 - Lift control with protocol interface 375010, 1 riser, more entrance panels

CABLES LEGEND	LAN PoE Standard ———	LAN PoE BTicino ———	LAN Ethernet ———	Copper cables ———	n° 2 Copper cables ———
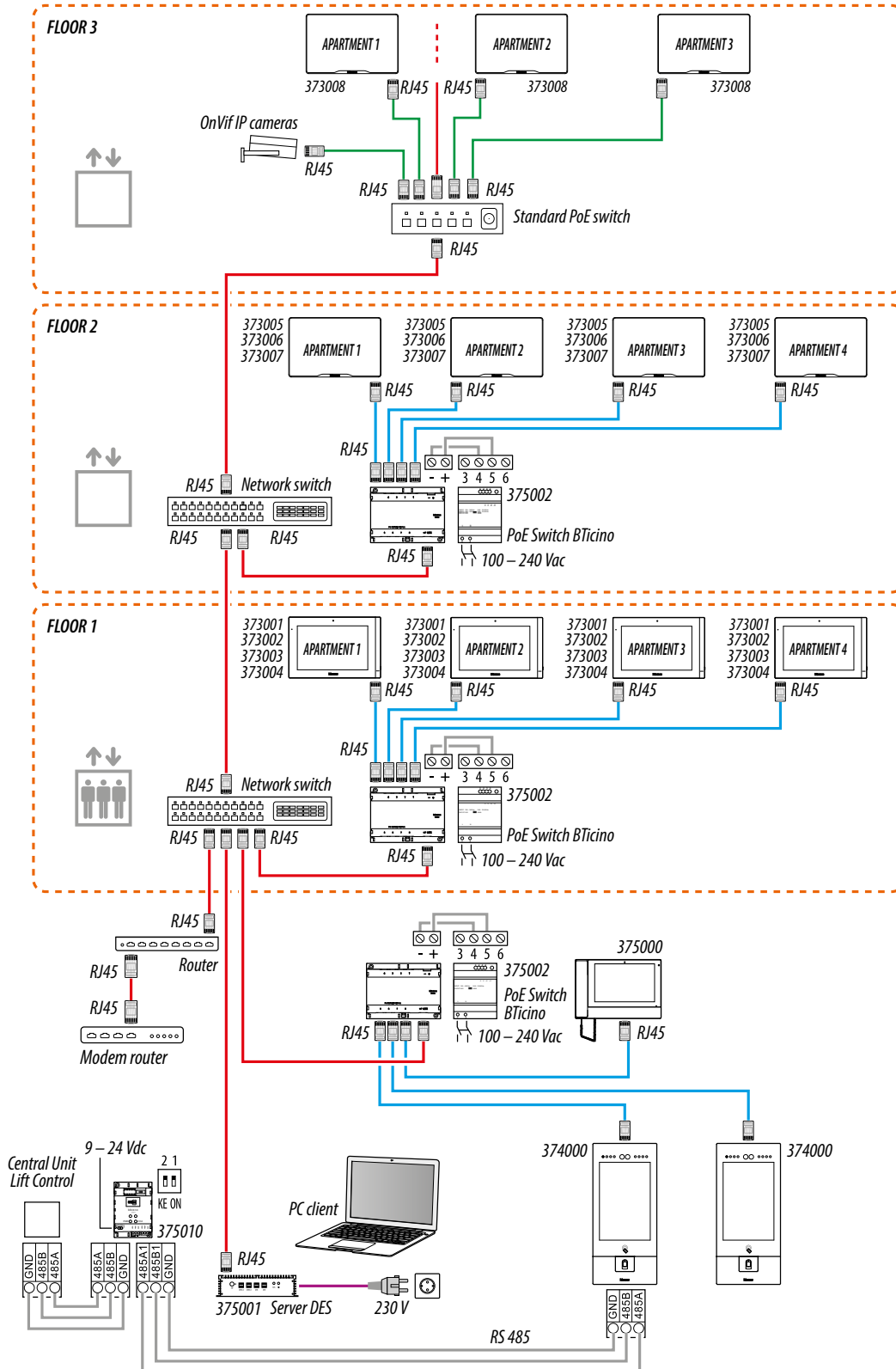
*Attention: check the installation **precautions** and **notes***

Lift control 1 - Lift control with lift control interface with relay 375013, 1 riser, 1 entrance panel

| CABLES LEGEND | LAN PoE Standard ———— | LAN PoE BTicino ———— | LAN Ethernet ———— | Copper cables ———— | n° 2 Copper cables ———— |

FLOOR 3

373008 — APARTMENT 1
373008 — APARTMENT 2
373008 — APARTMENT 3

RJ45

OnVif IP cameras — RJ45

RJ45 — RJ45

Standard PoE switch

RJ45

FLOOR 2

373005 / 373006 / 373007 — APARTMENT 1
373005 / 373006 / 373007 — APARTMENT 2
373005 / 373006 / 373007 — APARTMENT 3
373005 / 373006 / 373007 — APARTMENT 4

RJ45

RJ45 — Network switch

RJ45 — RJ45

− + 3 4 5 6

375002

PoE Switch BTicino
100 – 240 Vac

RJ45

FLOOR 1

373001 / 373002 / 373003 / 373004 — APARTMENT 1
373001 / 373002 / 373003 / 373004 — APARTMENT 2
373001 / 373002 / 373003 / 373004 — APARTMENT 3
373001 / 373002 / 373003 / 373004 — APARTMENT 4

RJ45

RJ45 — Network switch

RJ45 — RJ45

− + 3 4 5 6

375002

PoE Switch BTicino
100 – 240 Vac

RJ45

RJ45

RJ45 — Router

RJ45

RJ45

Modem router

375002
PoE Switch
BTicino
RJ45

− + 3 4 5 6

100 – 240 Vac

375000

RJ45

374000

RJ45

375013

OUTPUT6
OUTPUT7
OUTPUT8

To the lift management

OUTPUT1
OUTPUT2
OUTPUT3
OUTPUT4
OUTPUT5

PC client — RJ45 — 375001 Server DES — 230 V

*Attention: check the installation **precautions** and **notes***

Guard station IP DES

User and installation manual

bticino

Lift control 2 - Lift control with lift control interface with relay 375013, more risers, 1 entrance panel

CABLES LEGEND	LAN PoE Standard	LAN PoE BTicino	LAN Ethernet	Copper cables	n° 2 Copper cables
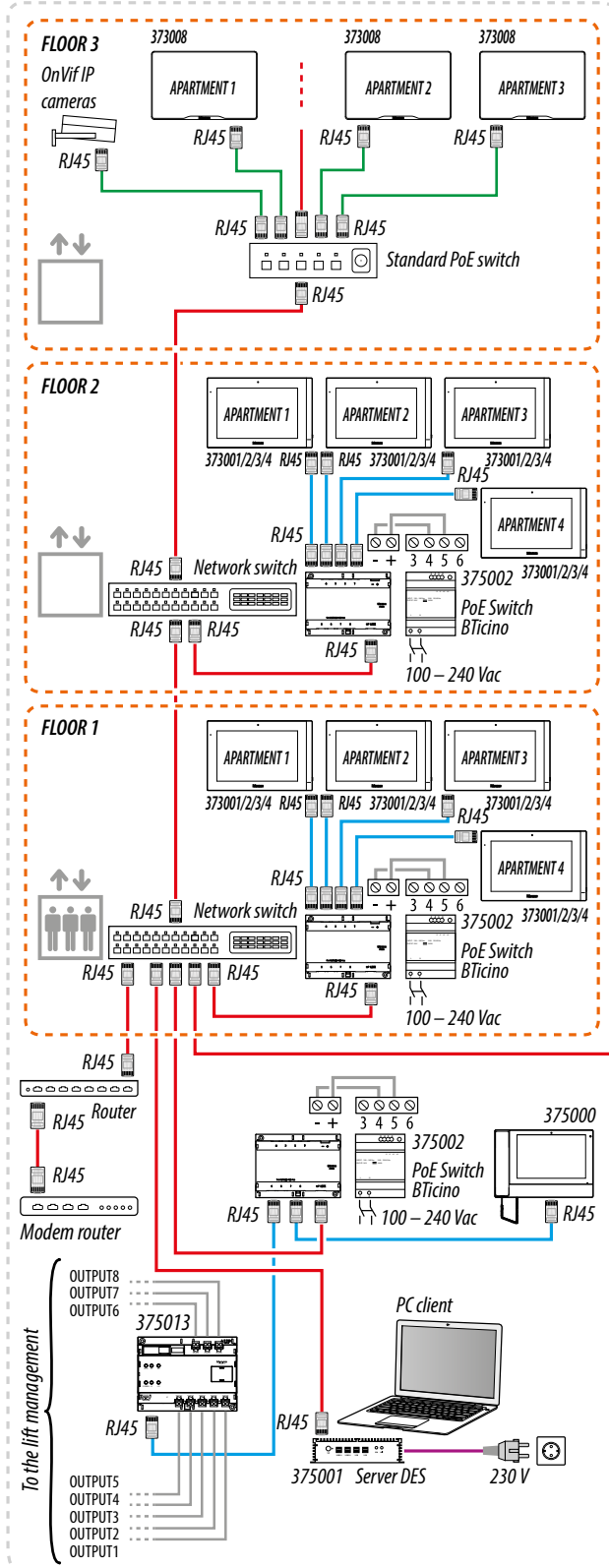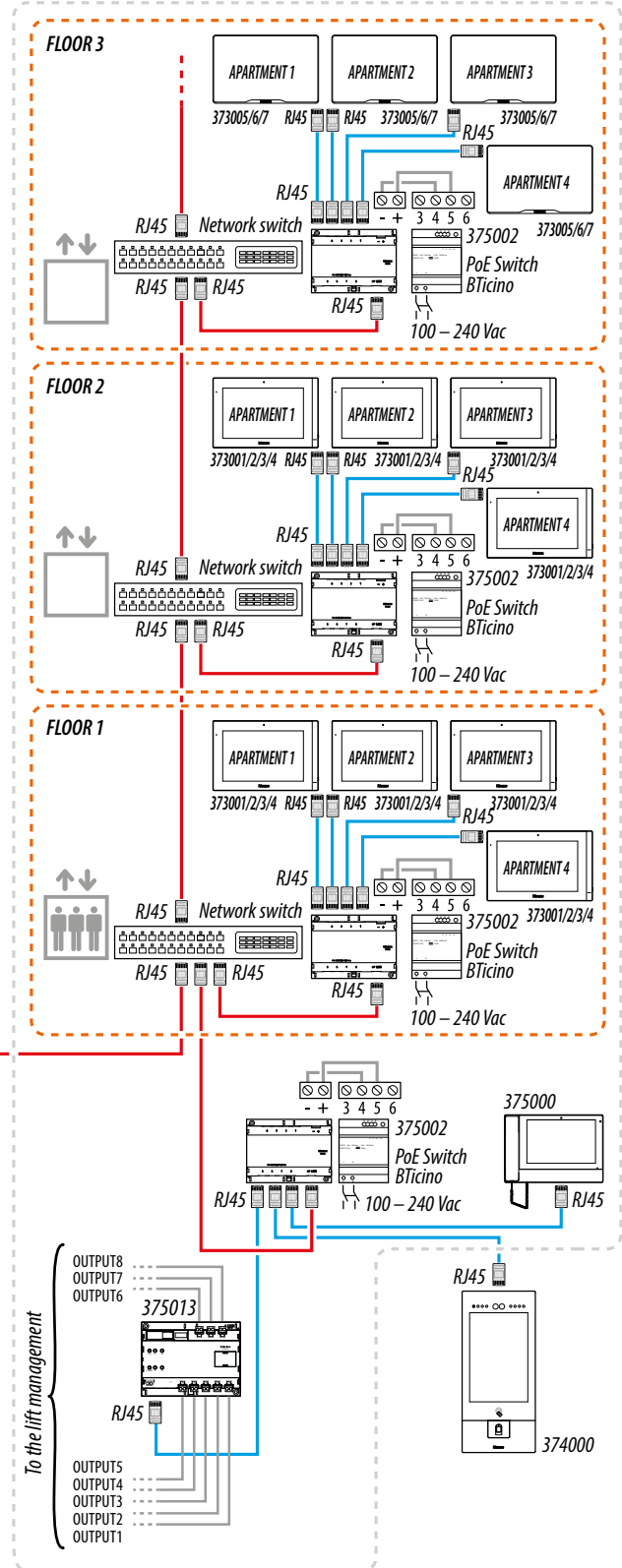
Attention: check the installation **precautions** and **notes**

Lift control 3 - Lift control with lift control interface with relay 375013, 1 riser, more entrance panels

CABLES LEGEND	LAN PoE Standard ────	LAN PoE BTicino ────	LAN Ethernet ────	Copper cables ────	n° 2 Copper cables ────

FLOOR 3

APARTMENT 1 — 373008 — RJ45 — RJ45 — 373008 — APARTMENT 2 — APARTMENT 3 — 373008

OnVif IP cameras — RJ45

RJ45 — RJ45 — Standard PoE switch — RJ45

FLOOR 2

373005 373006 373007 — APARTMENT 1 — 373005 373006 373007 — APARTMENT 2 — 373005 373006 373007 — APARTMENT 3 — 373005 373006 373007 — APARTMENT 4

RJ45 — RJ45 — RJ45 — RJ45

RJ45 — Network switch — RJ45

RJ45 — RJ45 — − + 3 4 5 6 — 375002 — PoE Switch BTicino — 100 – 240 Vac — RJ45

FLOOR 1

373001 373002 373003 373004 — APARTMENT 1 — 373001 373002 373003 373004 — APARTMENT 2 — 373001 373002 373003 373004 — APARTMENT 3 — 373001 373002 373003 373004 — APARTMENT 4

RJ45 — RJ45 — RJ45 — RJ45

RJ45 — Network switch — RJ45

RJ45 — RJ45 — − + 3 4 5 6 — 375002 — PoE Switch BTicino — 100 – 240 Vac — RJ45

RJ45 — Router

RJ45 — Modem router

− + 3 4 5 6 — 375002 — PoE Switch BTicino — 100 – 240 Vac — RJ45 — 375000 — RJ45

OUTPUT8 OUTPUT7 OUTPUT6

375013

To the lift management

RJ45

374000 — 374000

OUTPUT5 OUTPUT4 OUTPUT3 OUTPUT2 OUTPUT1

PC client

RJ45 — 375001 Server DES — 230 V

Attention: check the installation precautions and notes

Use of the device

After installing the IP DES Indoor Unit it is possible to:

– **Receive a call from EP**;
– **Transfer a call from the EP to an IU**;
– **Receive a call from IU or GS**;
– **Set an absence**;
– **Call IU or GS**;
– **Display the images from the cameras**
– **Manage the alarms**
– **Customise**
– **Set the advanced parameters**

Introduction

After the installation and connection of the device, it is necessary to configure it and create the Community structure. For details see Server DES Software manual.

Step	01	Community VLAN network creation
Step	02	Community structure definition
Step	03	Community structure creation
Step	04	Device MAC address registration
Step	05	Community customisation
Step	06	Saving of passwords
Step	07	Registration of the Community on the Installer's Cloud
Step	08	Forwarding of the address book to the DES Server
Step	09	Installation of the devices
Step	10	Activation of the devices
Step	11	System test
Step	12	Update of the devices
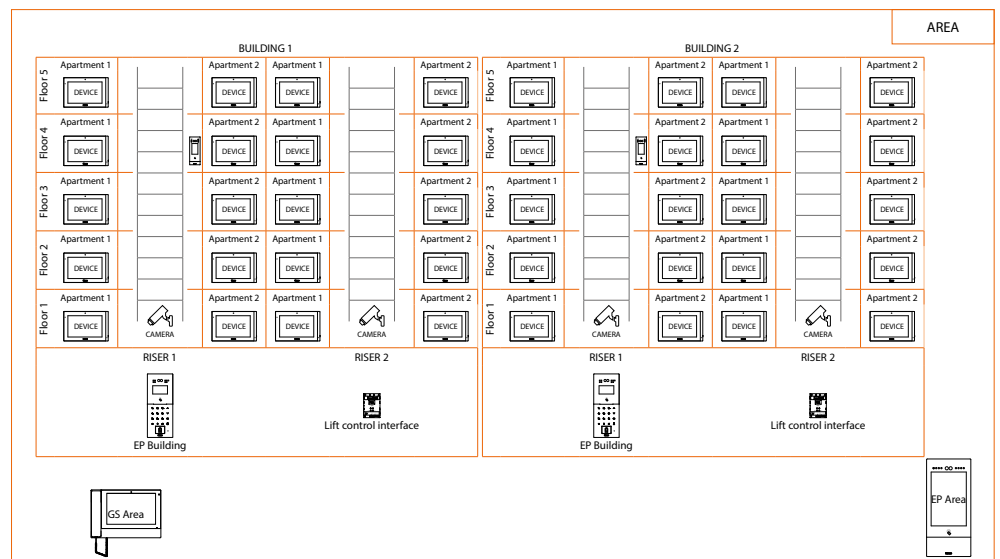
Home page

This page may show different content according to the configuration modes and systems connected to the device.
The Home Page, with all the functions enabled, is shown below.

A   Current date and time

B   Notifications section

📞	*Alarms to manage*	It displays currently active alarms yet to be managed. Touch to open the **Alarms section** and manage the alarm
📞	*Missed calls*	It displays the missed calls. Touch to open the **Call/Call history** section; view the calls and call back if necessary

C   Status icons

品	No IP addressing conflict
品	IP addressing conflict (same address assigned to 2 or more devices)
☁	When visible, communication between the device and the SD is active
🖳	Call transfer is active

D   Function keys
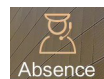
Absence	Absence function	It activates the function for transferring calls to the GS, in case of **absence**.
Call	Call section	It opens the call section where it is possible to **make calls to GS and IU**, manage the **contacts** and see the **call list**
Cameras	Camera section	It displays the **OnVif IP** and **EP cameras**
Alarms	Alarm section	It manages incoming alarms from IUs and EPs
Setting	Settings	It opens a section where it is possible to change **various settings**
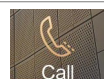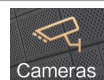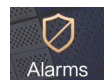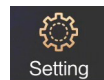
Video door entry functions

To receive or make a call, it is possible to use the function keys or, for increased privacy, the handset provided.
In the first case, the audio will be transmitted through the loudspeaker, while in the second through the handset.
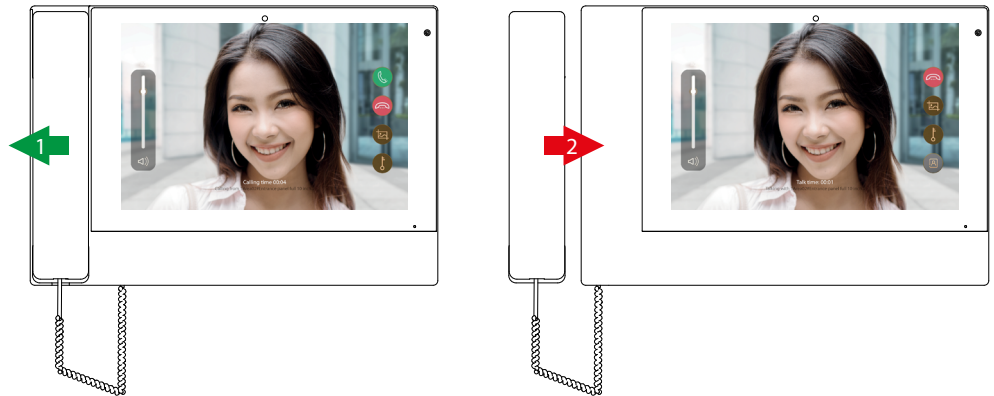
1. Receive a call

2. End a call
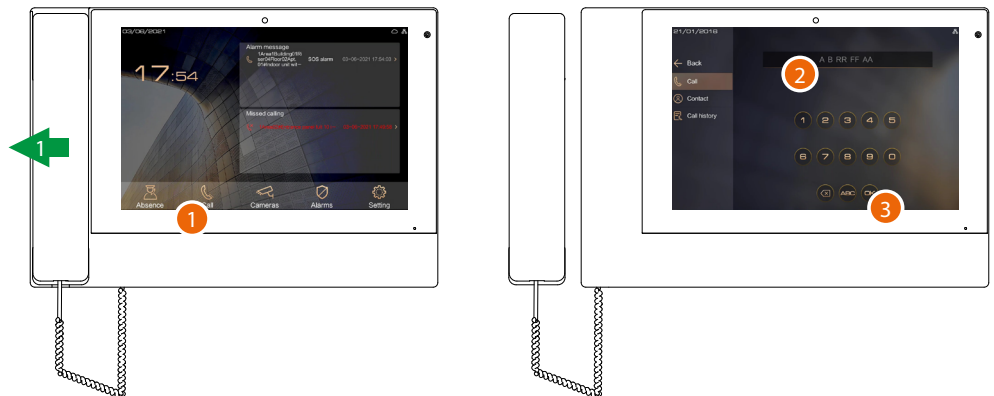
1. Make a call

2. Enter address or alias

3. Touch to send the call

Note: the following procedures will show loudspeaker mode.

Receive a call from EP

When a call comes in, the display of the GS is activated, showing the image taken.

Note: if the Absence function is active, the call will be transferred as per the scheduling.
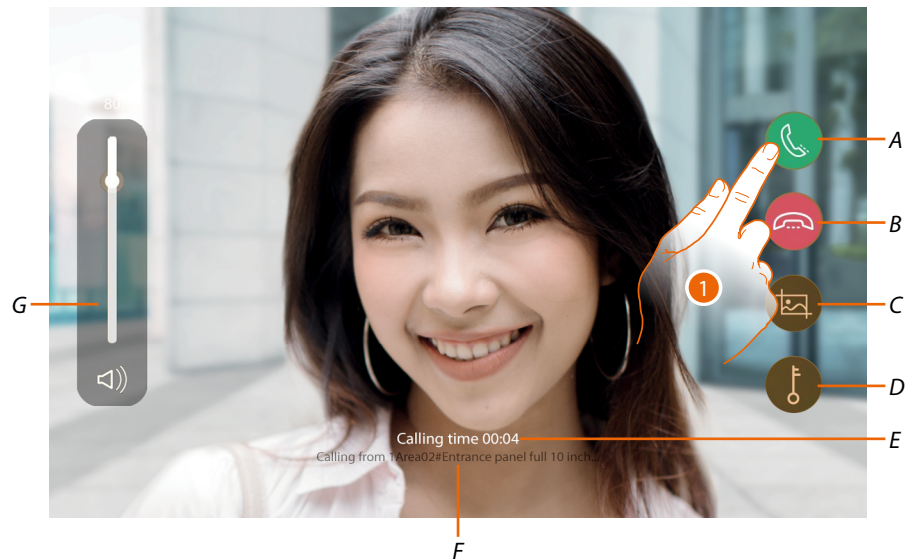
A   It answers the call

B   It rejects the call or ends the communication

C   It captures an image

D   Opens the door lock (if configured, it also controls the lift call).

E   Calling time

F   Address or alias of the device from which the call comes

G   It adjusts the volume

1. Touch to answer the call

A   *It transfers the call to the IU*

2. Touch to capture an image of the screen

A confirmation message appears, the image will be saved in Call/call history
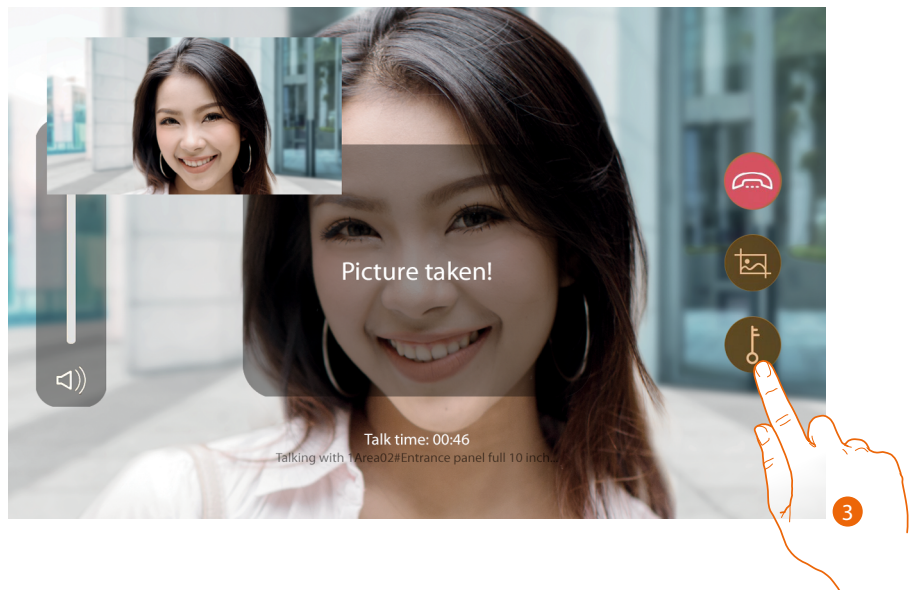
3. Touch to open the EP door lock

A confirmation message appears

Note: it is possible to open the door lock even without answering the call

4. Tap to adjust the volume

5. Touch to end the call

Note: *for security reasons, it is not possible to open a door lock without first activating the camera of the corresponding EP.*

Transfer a call from the EP to an IU

Calls can be answered and if necessary transferred to an IU.

Note: if the Absence function is active, the call will be transferred as per the scheduling.
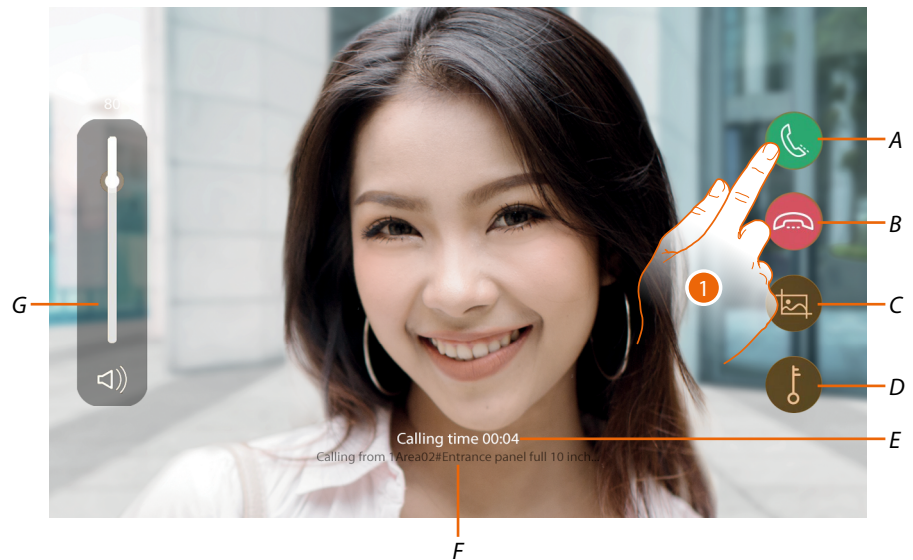
A   It answers the call

B   It rejects the call or ends the communication

C   It captures an image

D   Opens the door lock (if configured, it also controls the lift call)

E   Calling time

F   Address or alias of the device from which the call comes

G   It adjusts the volume

1.   Touch to answer the call

2.   Touch to transfer the call from the EP to an IU
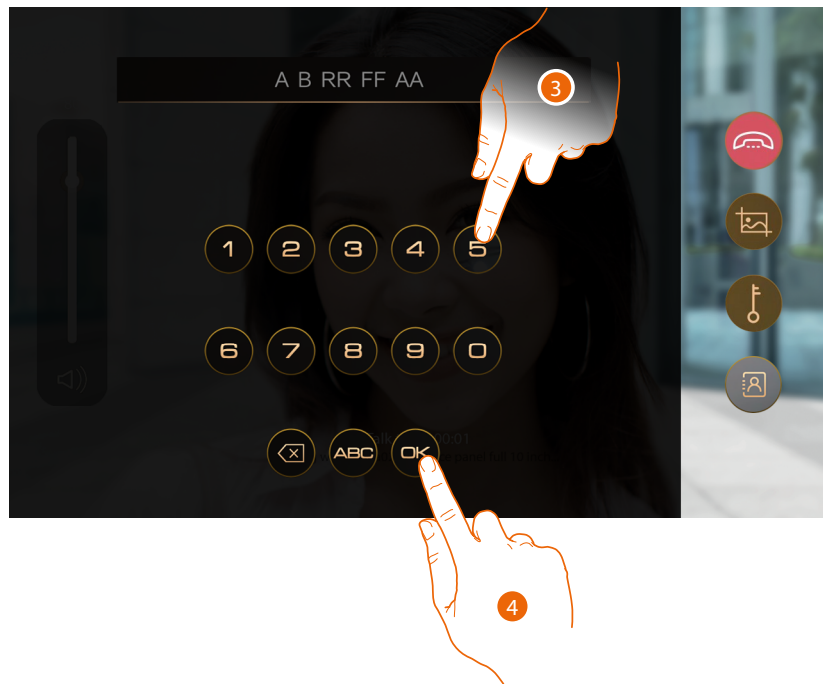
3. Enter the **address or alias** of the IU to which you wish to transfer the call

4. Touch to send the call to the IU

Wait for the IU to answer
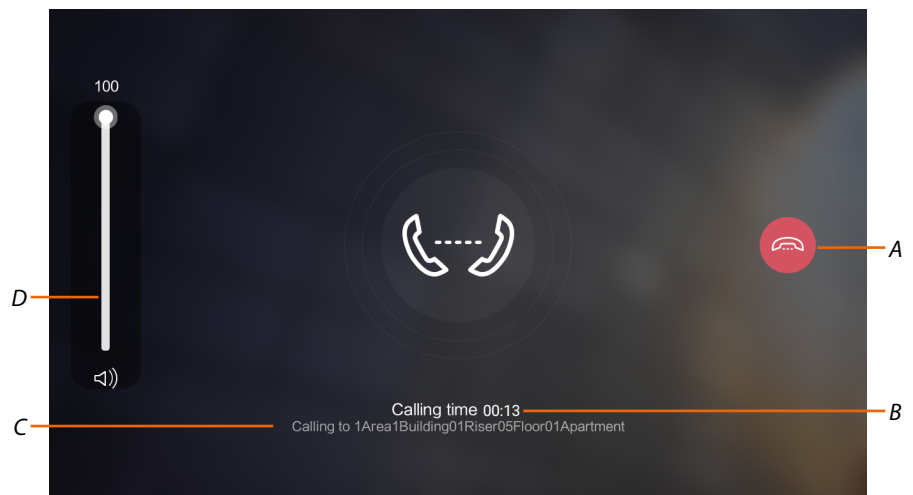
A *It ends the communication*

B *Calling time*

C *Address of the device to which the call is made*

D *It adjusts the volume*

When the IU answers, it sees the images recorded by the EP and the following screen appears on the GS:

5. Touch to transfer the call to the IU, establishing direct communication between the same and the EP

The Home Page appears on the GS
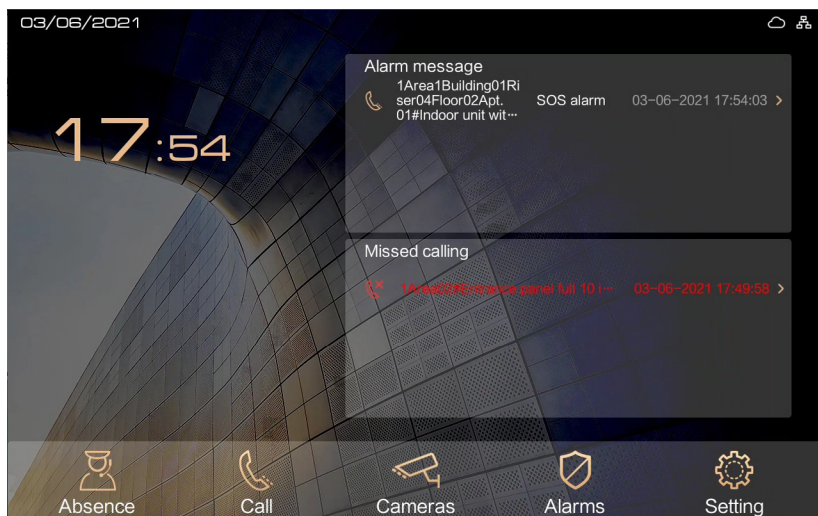
Receive a call from IU or GS
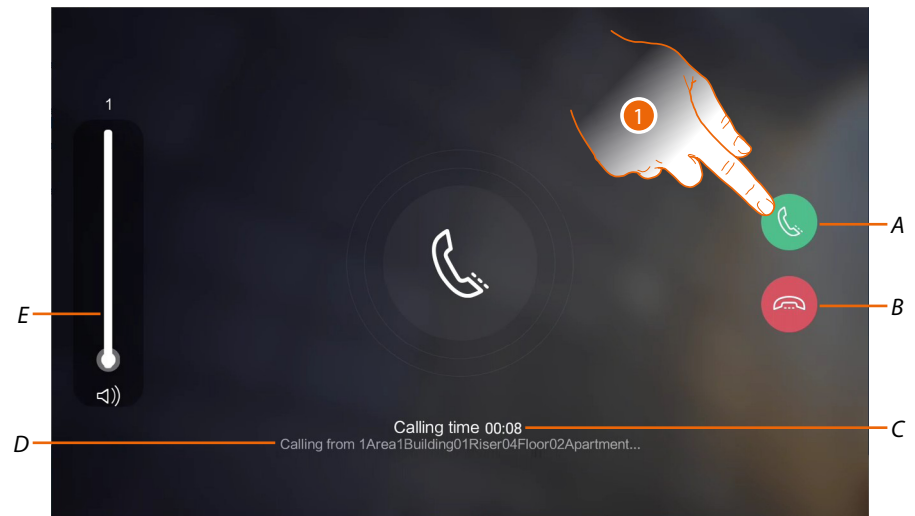
A   *It answers the call*

B   *It rejects the call or ends the communication*

C   *Calling time*

D   *Address or alias of the device from which the call comes*

E   *It adjusts the volume*

1.   Touch to answer the call

Audio video call

Audio call
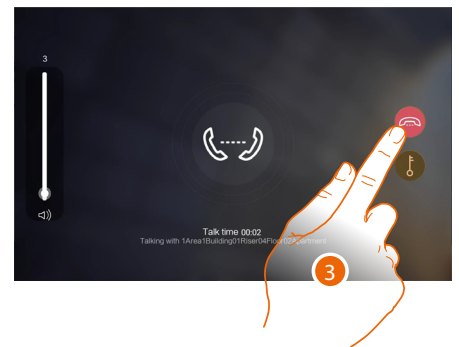
3.   Touch to end

Absence

In this section it is possible to set the way the call is managed when absent:

– **Quick Absence** in case of temporary absence, calls will be transferred according to the scheduling.

– **Scheduled absence** in case of scheduled absence, calls will be transferred according to the scheduling.

– **Transfer list status** displays active transfers and if necessary stops them

Quick absence

The function can be enabled with 2 different modes:

– **Direct to IUs**: the call is not intercepted by the GS but transferred directly to the IU to which it was originally addressed

– **GS**: the call is transferred to another GS

Note: If the call from the EP is directly addressed to a GS and the GS has set Direct to IUs, the call will not be transferred to anyone.
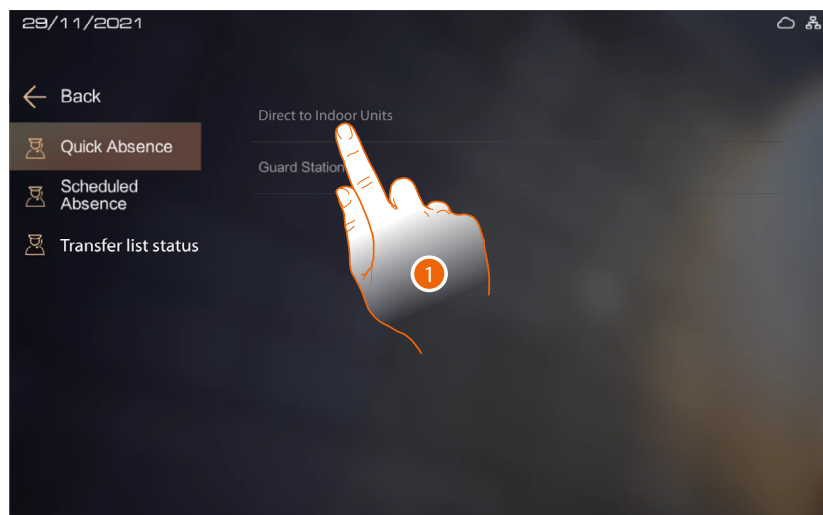
1. Touch not to transfer the call directly to the IU
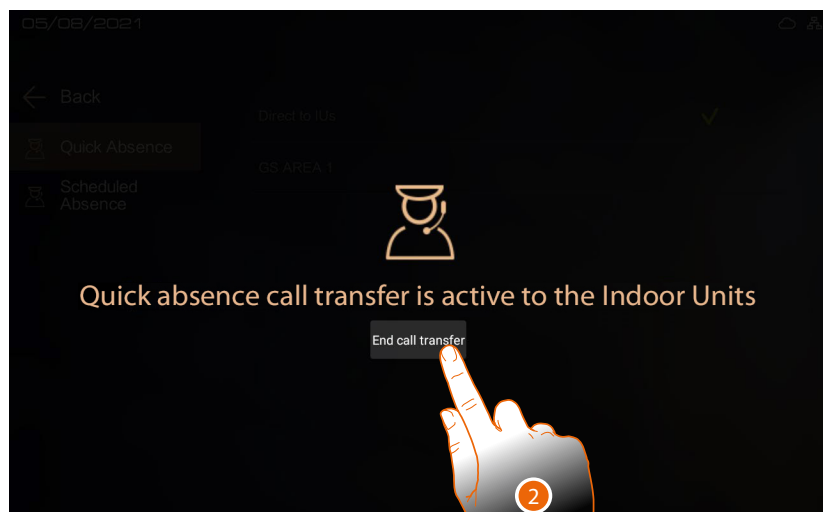
2. Calls will now be transferred directly to the IUs, touch to stop the transfer of calls
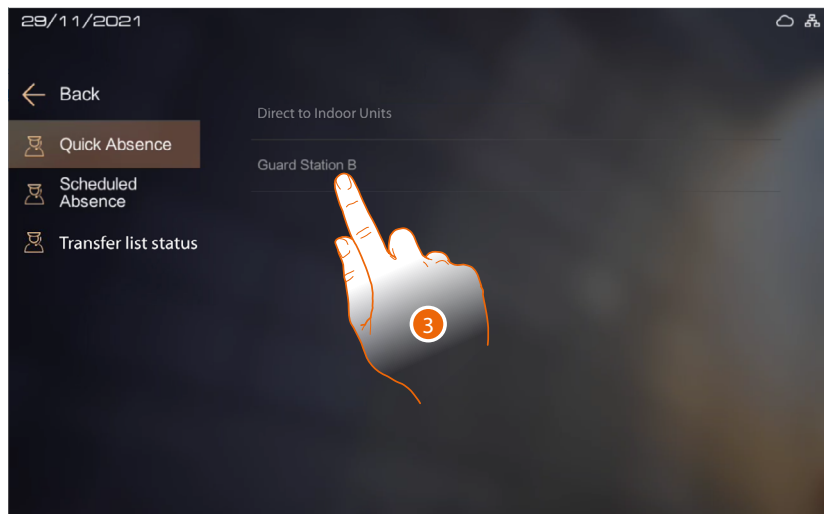
3. Alternatively, select the GS to which the call will be transferred in your absence
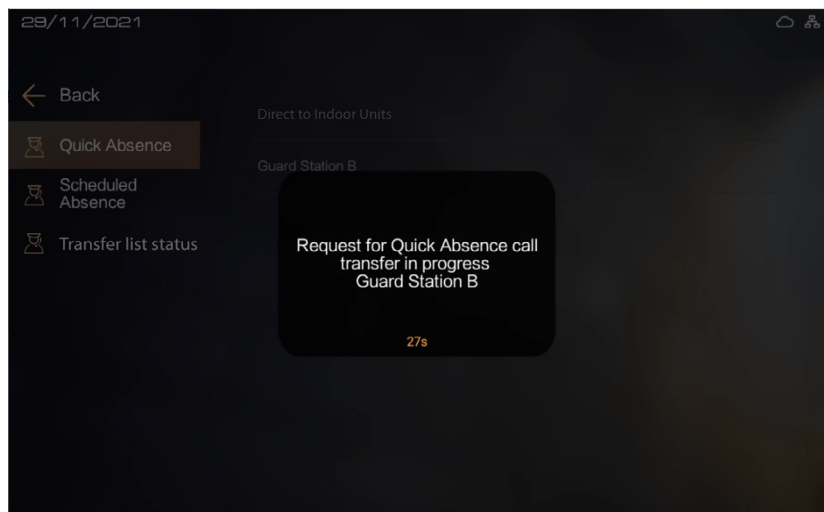
The GS to which you want to transfer the calls has 30 seconds to confirm
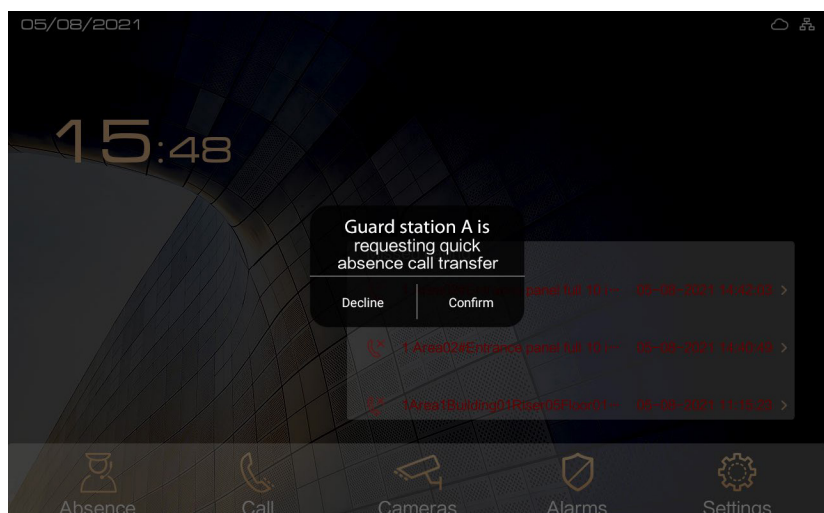
The GS to which you want to transfer the calls receives a message and must confirm
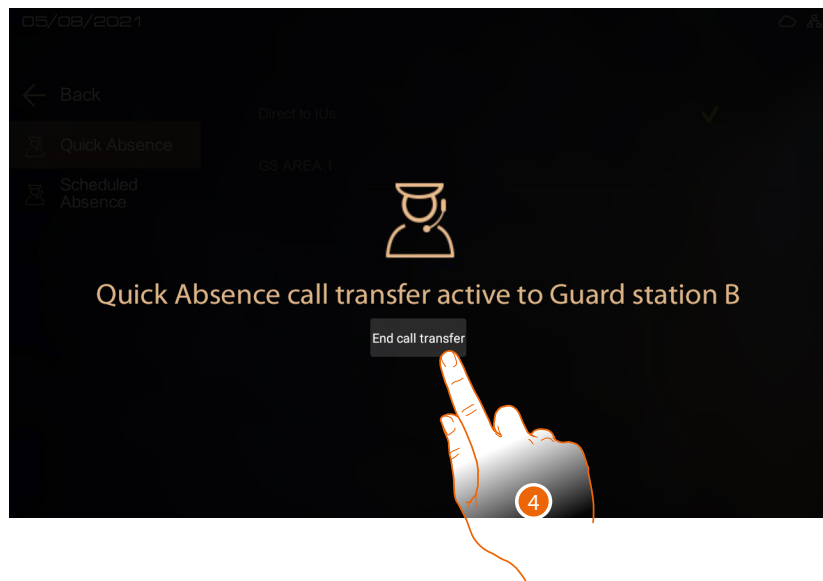
4. If the GS confirms, the GS transferring the call shows the transfer active screen. Touch to stop the transfer

Scheduled absence

The function can be enabled with 3 different modes:

– **Always absent (default)**: the call is always transferred
– **Always present**: the call is not transferred
– **Customization**: the call is transferred for a set period of time
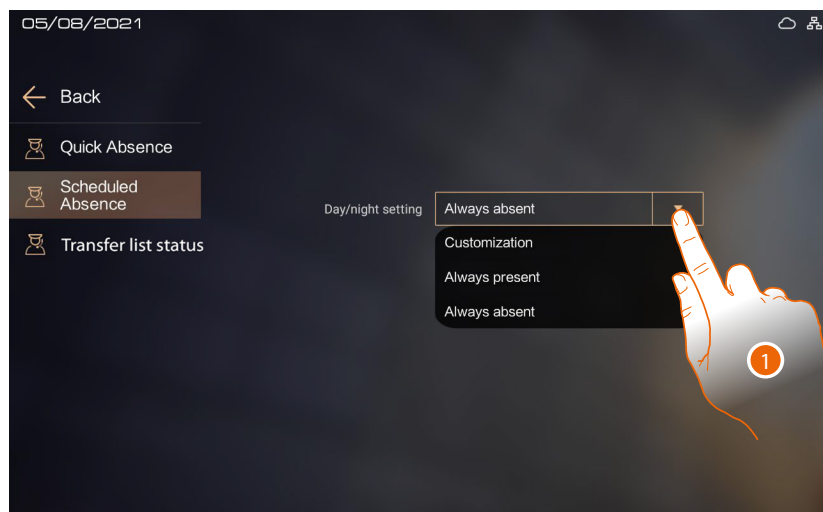
1. Select the mode
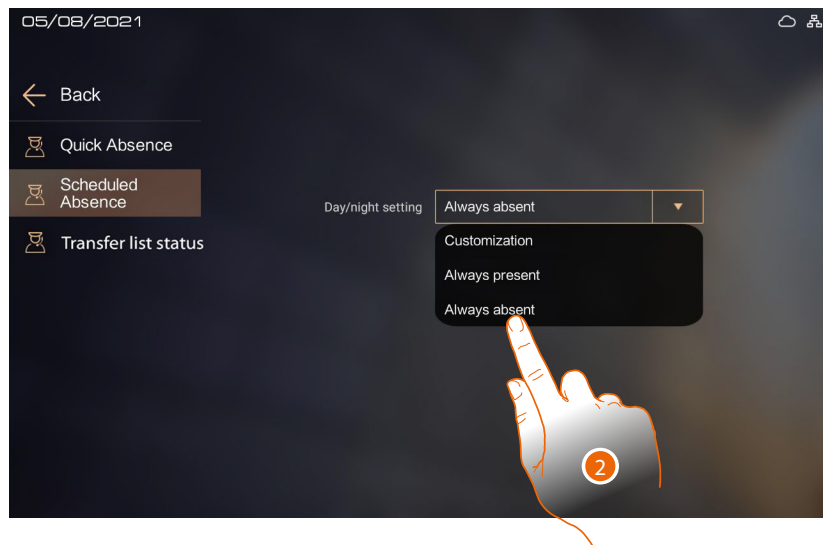
The default setting is Always present and therefore the call is not transferred

2. Touch Always absent if you need to permanently transfer the call
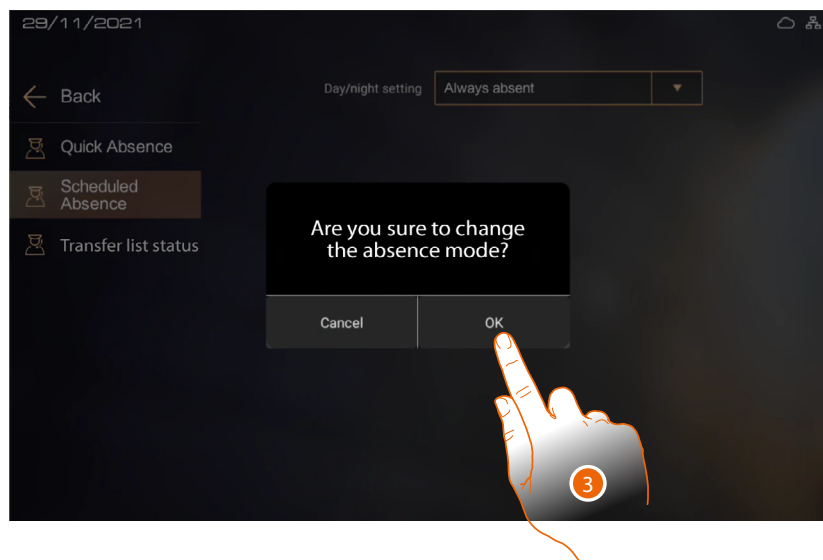
3. Touch to confirm
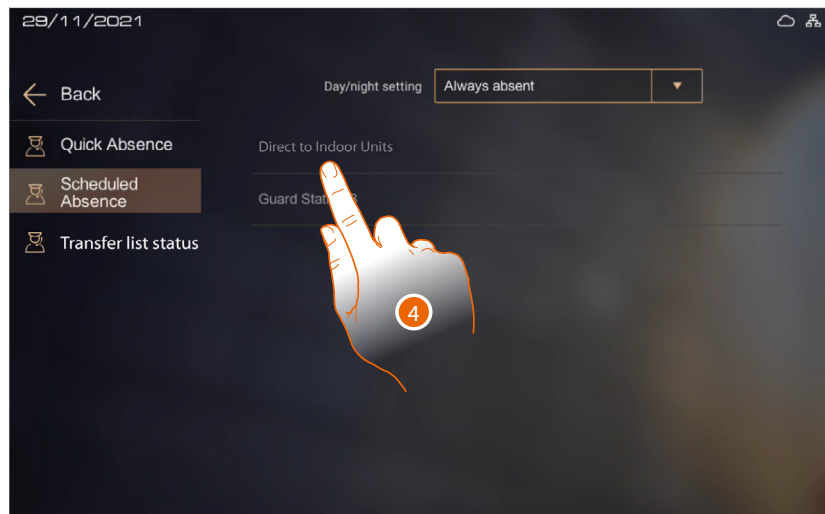
4. Touch not to transfer the call directly to the IU
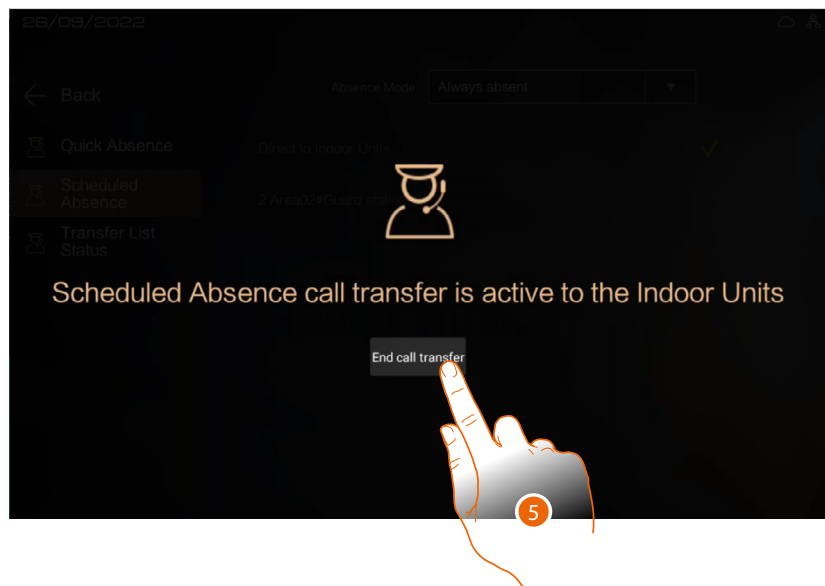
5. Calls will now be transferred directly to the IUs, touch to stop the transfer of calls
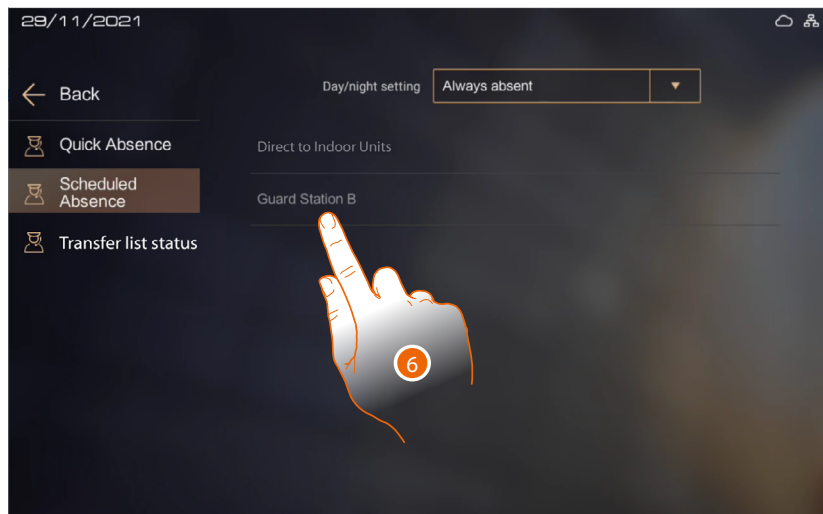
6. Alternatively, select the GS to which the call will be transferred in your absence
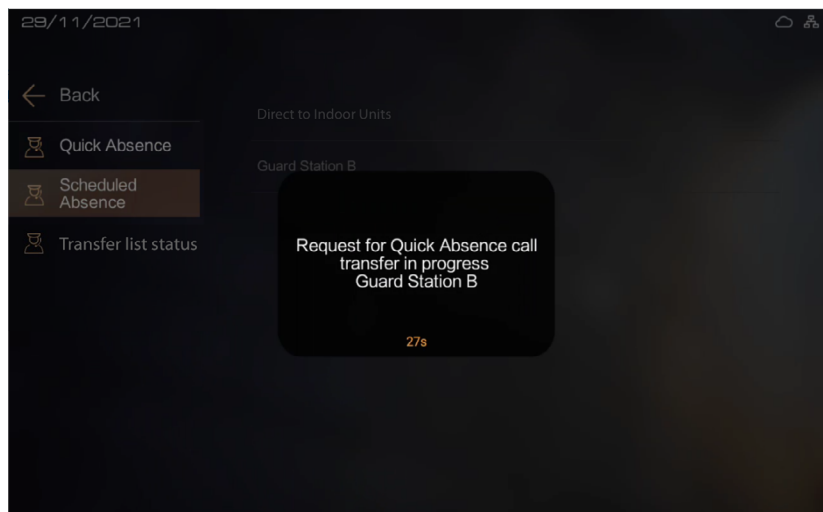
The GS to which you want to transfer the calls has 30 seconds to confirm
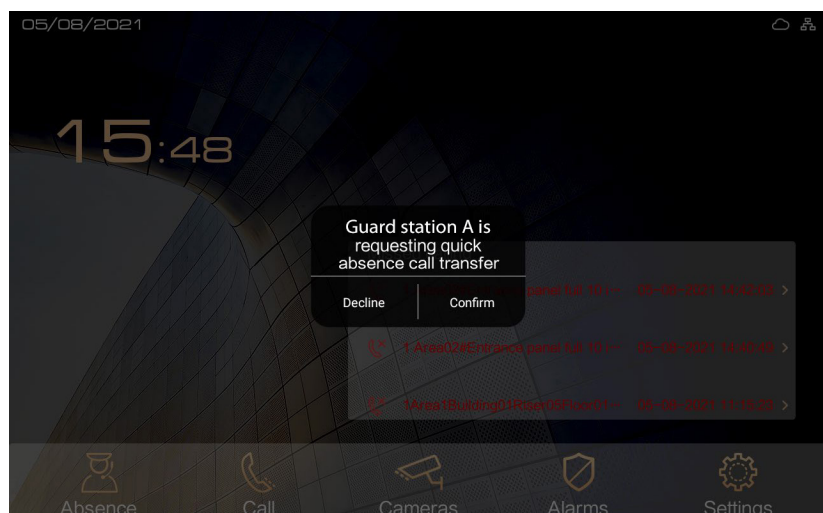
The GS to which you want to transfer the calls receives a message and must confirm
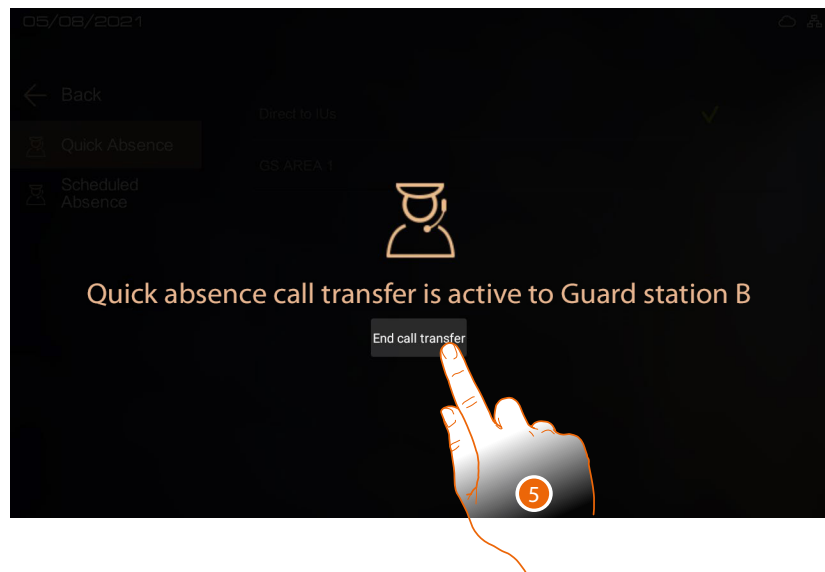
7. If the GS confirms, the GS transferring the call shows the transfer active screen. Touch to stop the transfer
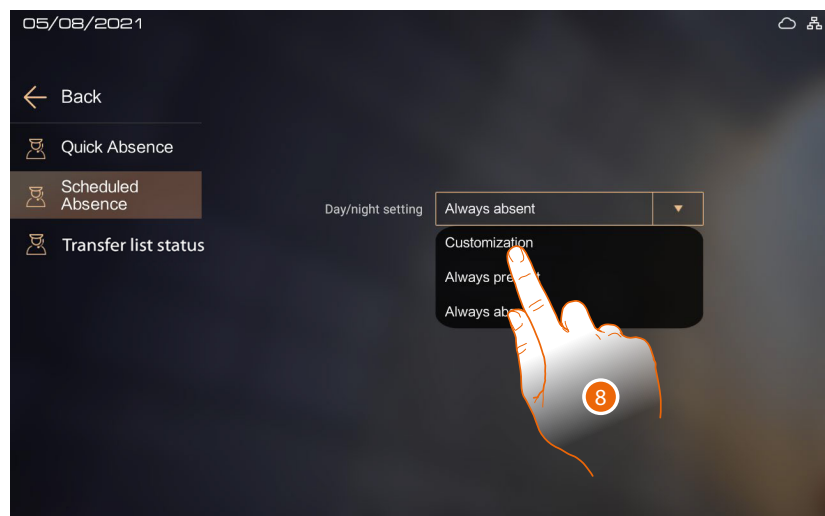
8. Touch to transfer the call for a set period
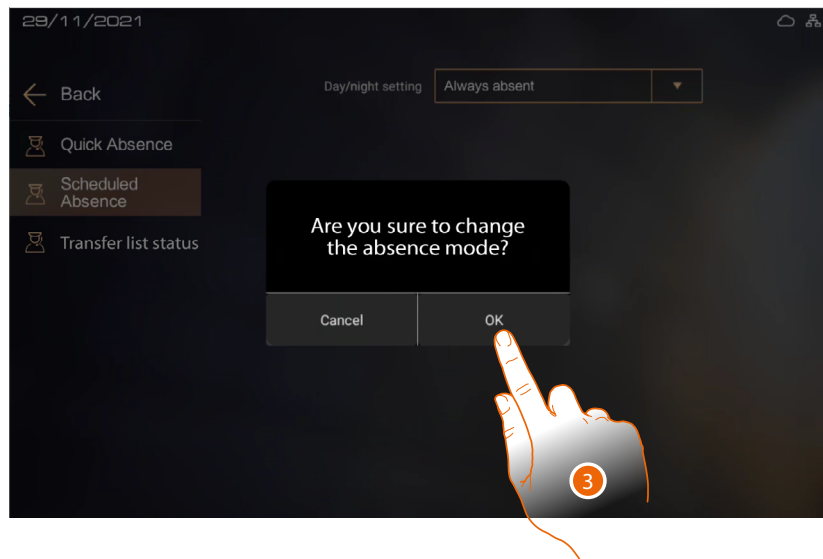
9. Touch to confirm

10. Select the days of the week when you will be absent

11. Select the absence start time

12. Select the absence end time

13. Touch to directly transfer the call to the IU to which the call was originally directed (see item 4)

Or

14. Touch to select the GS to which to transfer the call (see item 6)
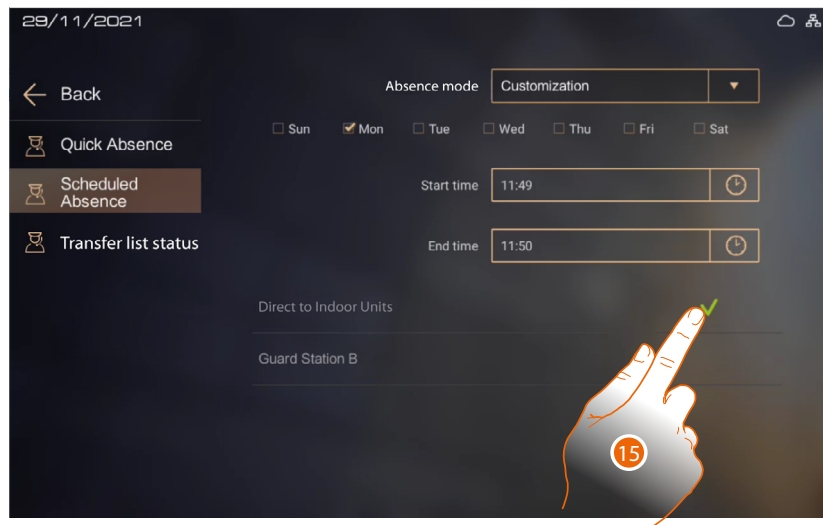
15. The tick indicates to whom the call was transferred

Active transfers can be seen in the **Transfer list status** page

Transfer list status

This page can be used to display active transfers and if necessary to stop them.
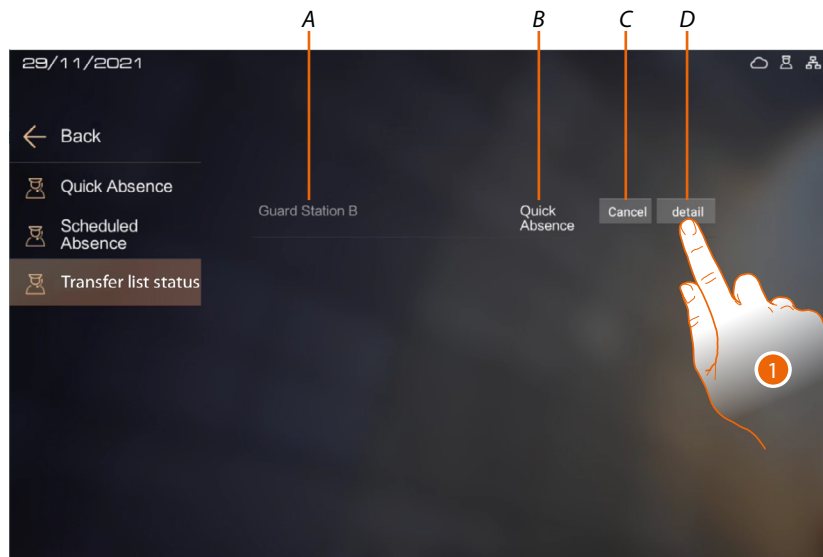
A   *GS name*

B   *Type of transfer (quick or scheduled)*

C   *Delete transfer*

D   *Transfer details*

1.   Touch to display the transfer details and if necessary to stop
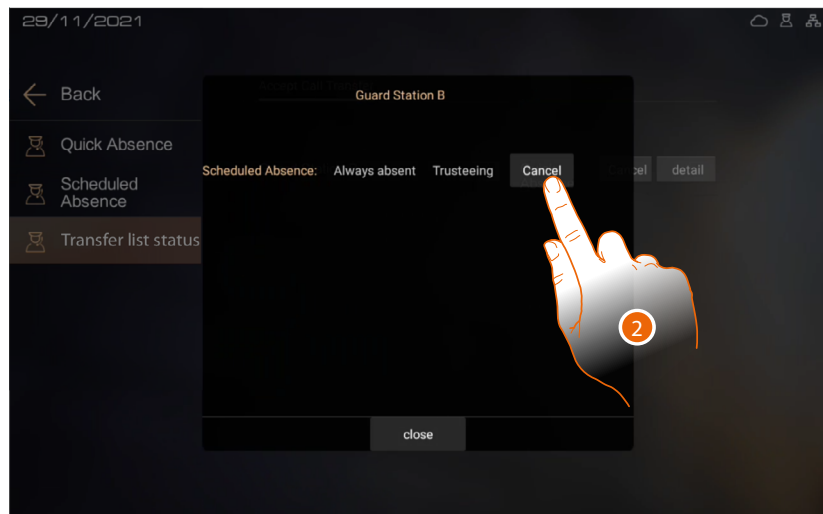
2. Touch to stop the transfer
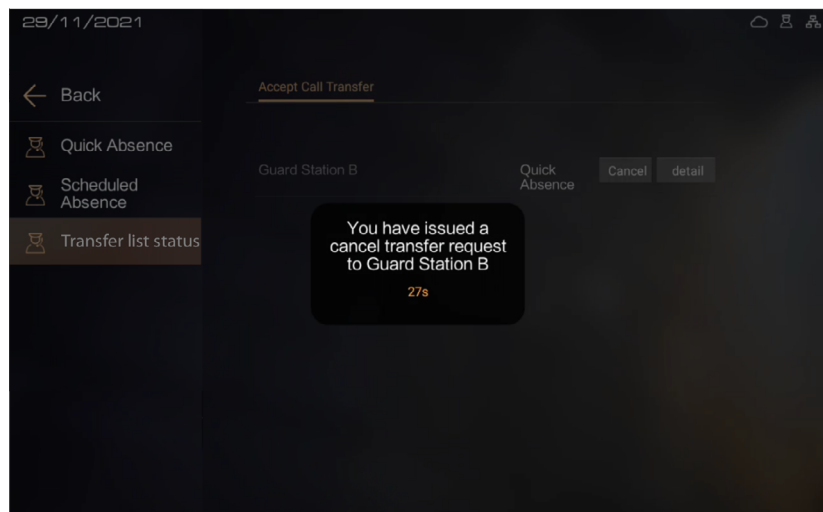
The GS object to the active transfer has 30 seconds to confirm. A notification message appears after the confirmation
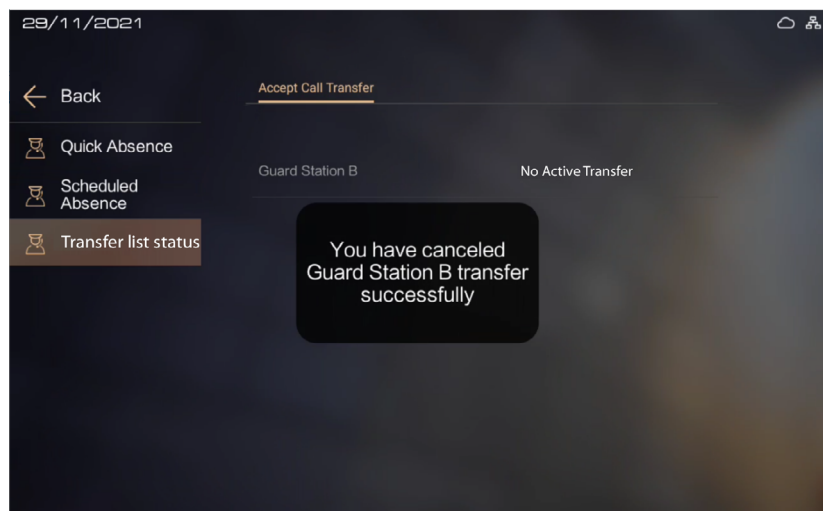
A cancellation completed message appears after the confirmation

Call IU or GS

In this section it is possible to communicate with other IU or other GS.
It is possible to call an IU or GS in different ways:

– **call using the address in the Community**;

– **call using the Alias (alphanumeric code)**;

– **call using the Phonebook**.

The call mode depends on how the community has been configured using the SW. For details see **Fundamental concepts**

Call using the address in the Community	Call using the Alias (alphanumeric code)
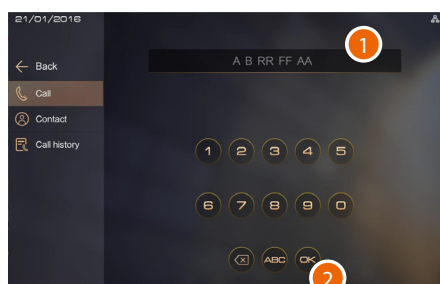
1. Enter the address in the IU or GS Community, the device helps you by showing the fields to be entered (e.g. 1 01 04 02)

2. Touch to send the call
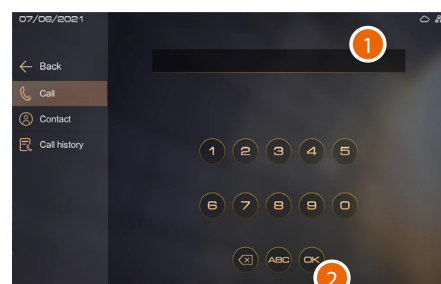
1. Enter the alias created using the SW (e.g. B12)

2. Tocca per inviare la chiamata

Call using the Phonebook
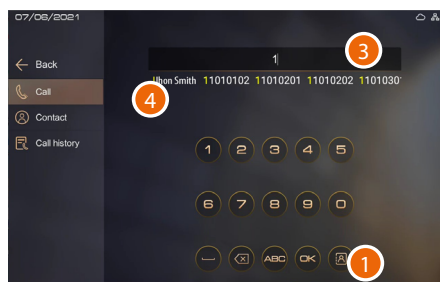
1. Touch to open the phonebook where all the community contacts are present

2. Touch the code to send the call

3. Otherwise, type the contact name saved in the phonebook (e.g. JHONSMITH). The system suggests the contacts by means of the self-completion function.

4. Touch the suggested contact to send the call
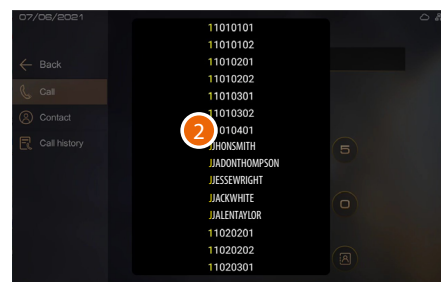
Note: in the call using Alias mode, the default code corresponds to the address in the Community as long as the Server DES software has not altered it in the address book

A — Calling time 00:15 / Calling to 1Area1Building01Riser04Floor02Apartment
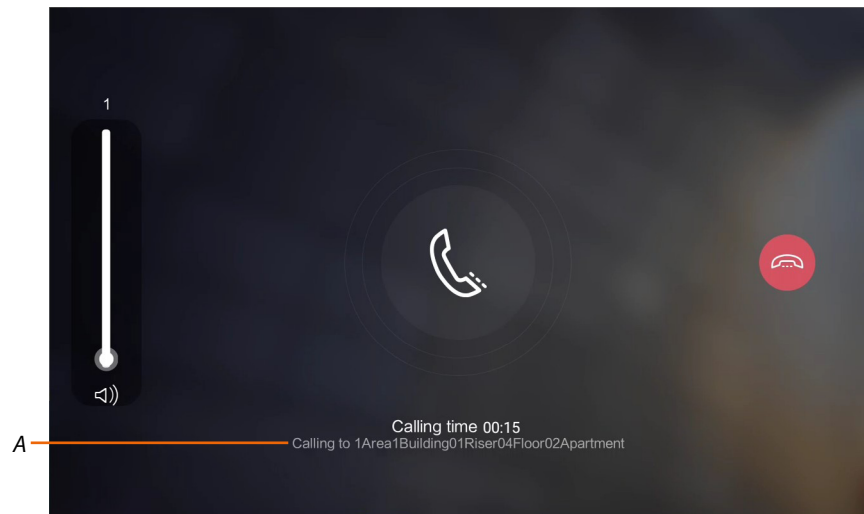
Wait for the person being called (*A**) to answer

The IU being called can decide whether to activate an audio only or audio&video communication.

Note: the video communication is active only for IU item 373001/02 with enabled camera or GS.

*Note: the caller display depends on how the community has been configured using the software. For details see **Fundamental concepts**

Audio video call

Audio call
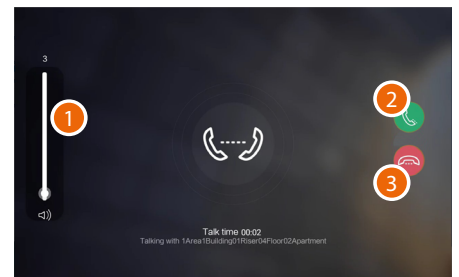
1. Tap to adjust the volume
2. Touch to answer
3. Touch to end the communication

Contacts

In this section it is possible to manage and call the contacts (IU and GS).
Often called contacts may also be included in the favorites.
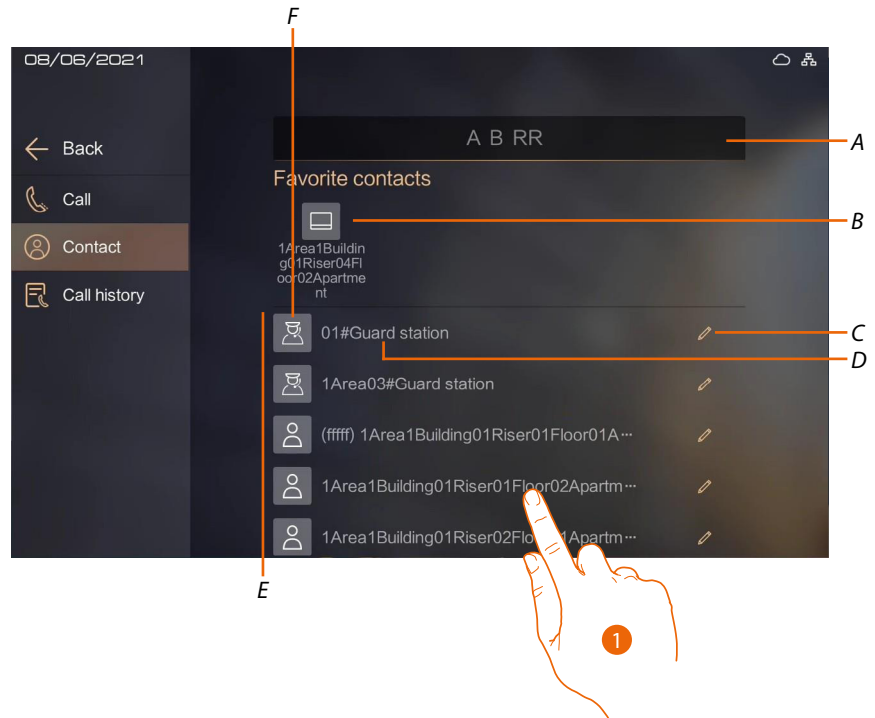
A Contact filter: if details are entered in the filter, the relevant list of contacts will only show contacts meeting the filter settings: for example, when entering 1203, only contacts with address Area=1 Building=2 and Riser=03 will be displayed

B Favourite contacts area

C Modify contact

D Address/name of the contact

E Contacts

F Type of contact

1. Touch to the call the contact
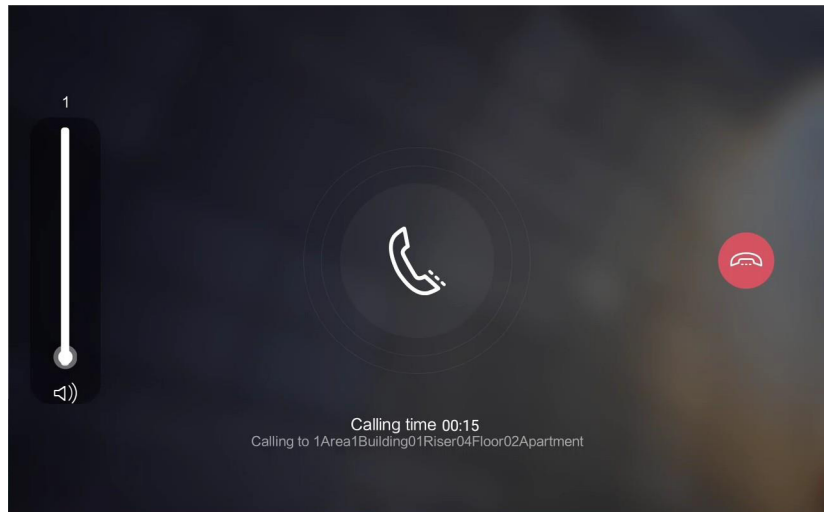
The call is sent immediately; see the **Call IU or GS using the address in the Community or alphanumeric code (alias)** section for details.

Edit a contact and/or include it in your favorites
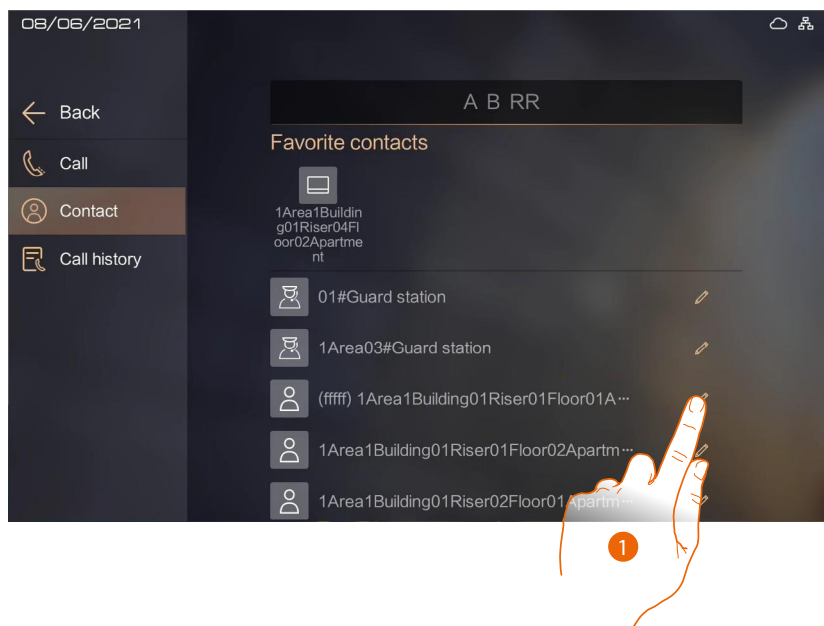
1. Touch to modify a contact

bticino
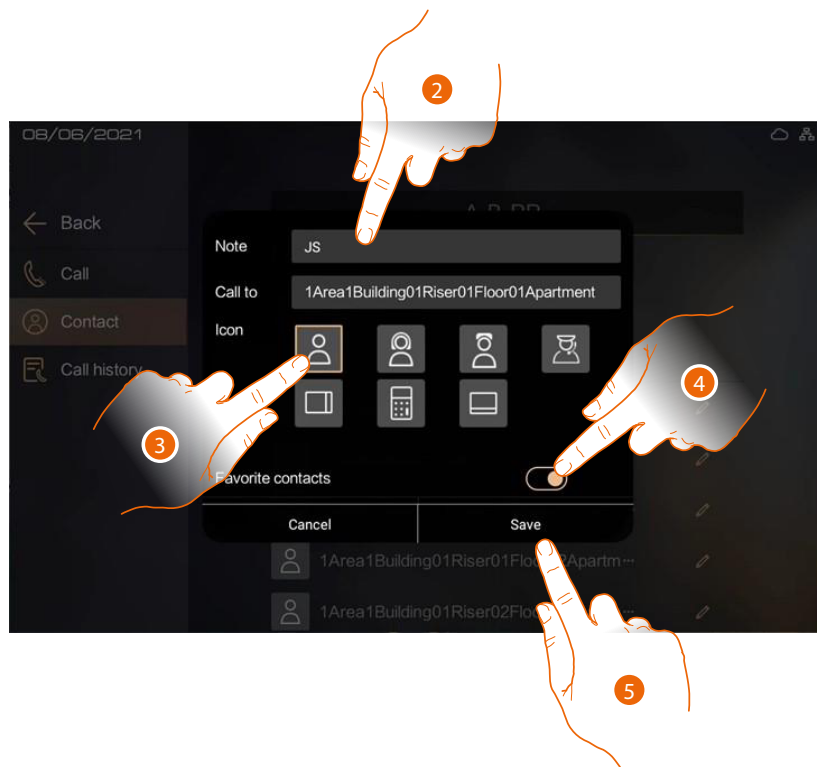
2. Touch to enter a contact name
3. Select the contact type icon
4. If necessary, touch to add the contact to the favourites
5. Touch to save
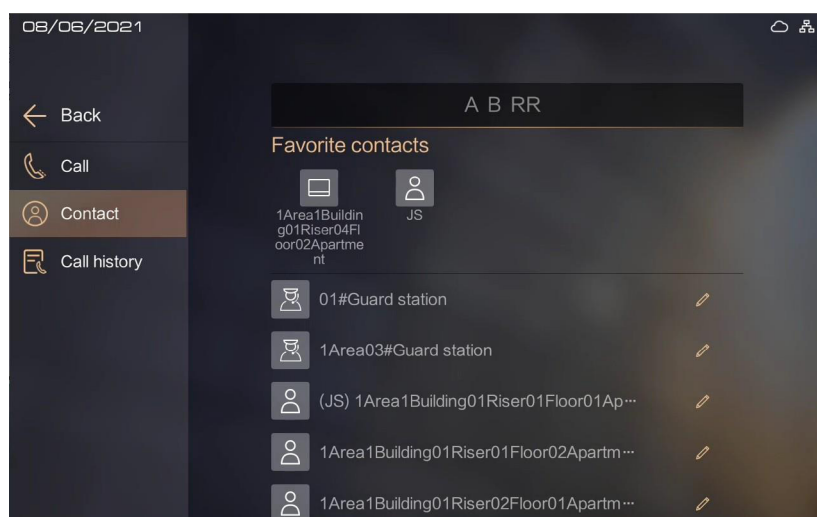
Call history

In this section it is possible to display the list of received, sent or missed calls, in chronological order.
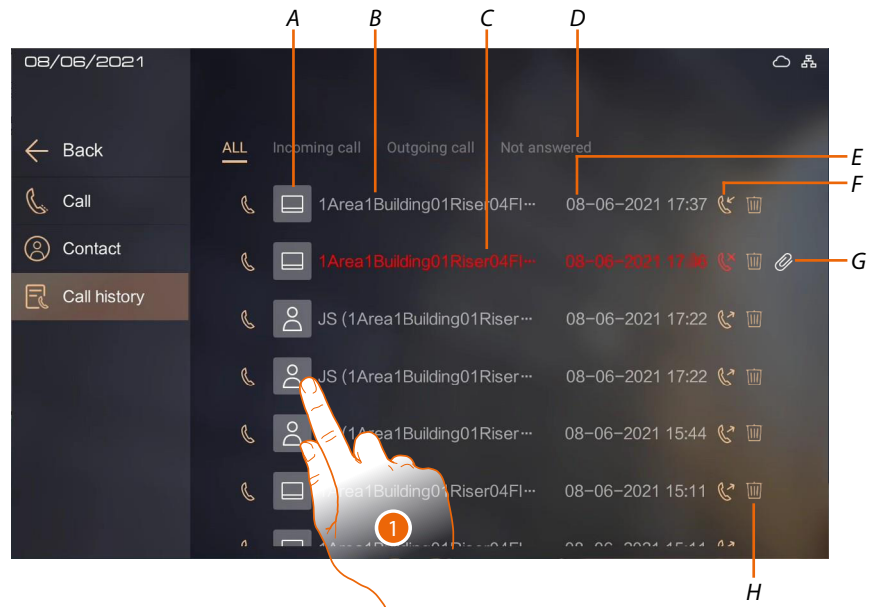
A   Type of caller

B   Caller address

C   Missed call

D   Call filters

E   Date and time of the call

F   Type of call

   missed

   outgoing

   incoming

G   Call with attachment (captured image)

H   Delete the call

1.   Touch to call the contact again
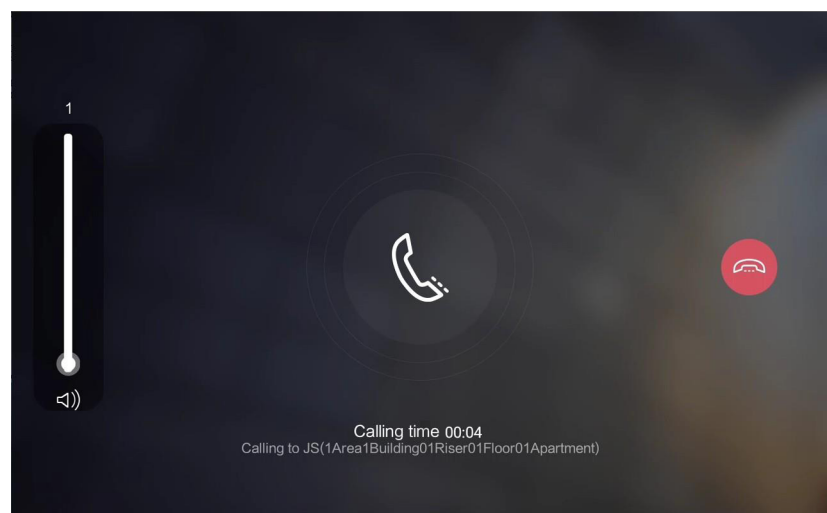
Camera

In this section it is possible to view the EPs and the public OnVif IP cameras of the Community.
It is also possible to view the monitoring log.
The cameras to be monitored are split into:
– Riser EP cameras
– Area EP cameras
– Common area cameras
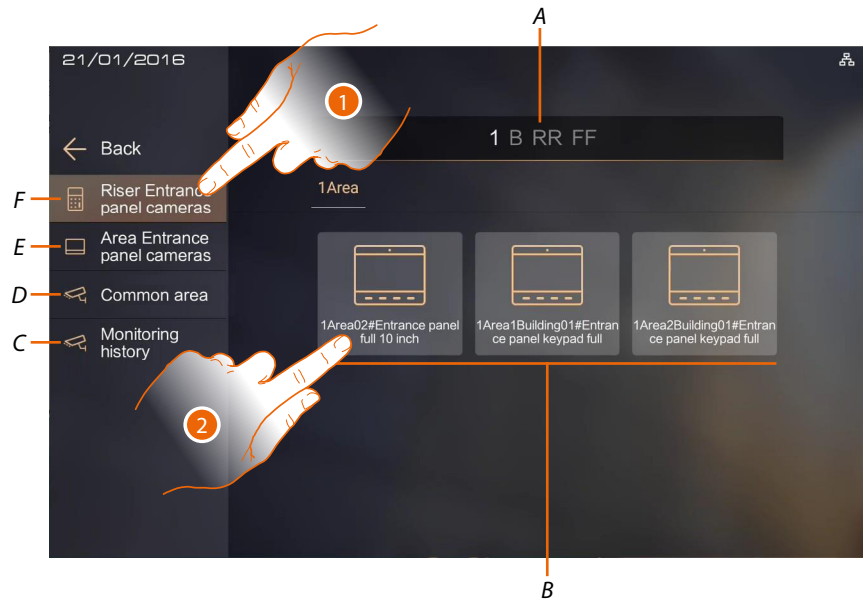
A   Camera filter: If details are entered in the filter, only those meeting its requirements are displayed

B   Cameras

C   Monitoring history page

D   Common area OnVif IP cameras page

E   Building area EP cameras page

F   Building, riser and floor area EP cameras page

1.   Touch to display the EPs on the system

2.   Touch to switch the EP on

The display shows the image taken by the EP camera.
The controls are the same as described in the **Receive a call** section

Monitoring history
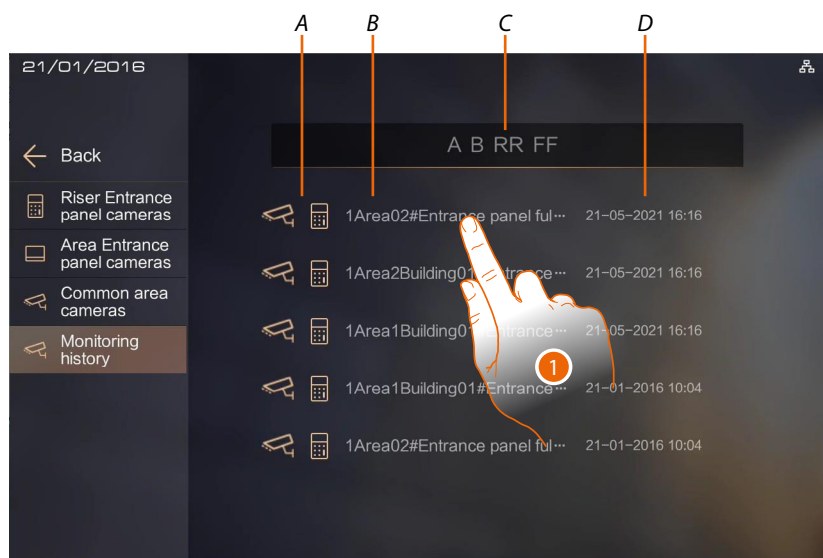
A   Type of monitoring

B   Camera address

C   Camera filter: If details are entered in the filter, only those meeting its requirements are displayed

D   Monitoring date and time

1. Touch to repeat the monitoring

Alarms

In this section it is possible to manage alarms from IUs and EPs under your responsibility.
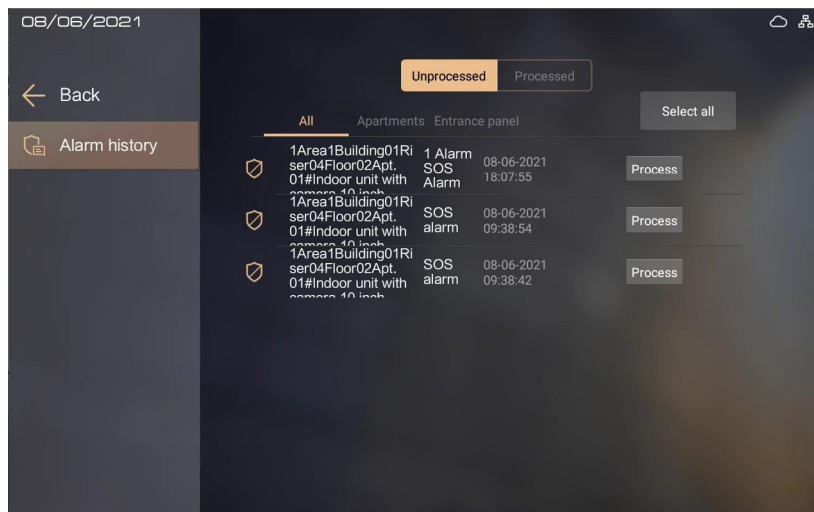
IU alarms

	SOS		Smoke		Gas
	Infrared		Door contact		Others

EP alarms

	Tamper alarm
	Panic alarm

Alarm management

A warning message appears following an alarm
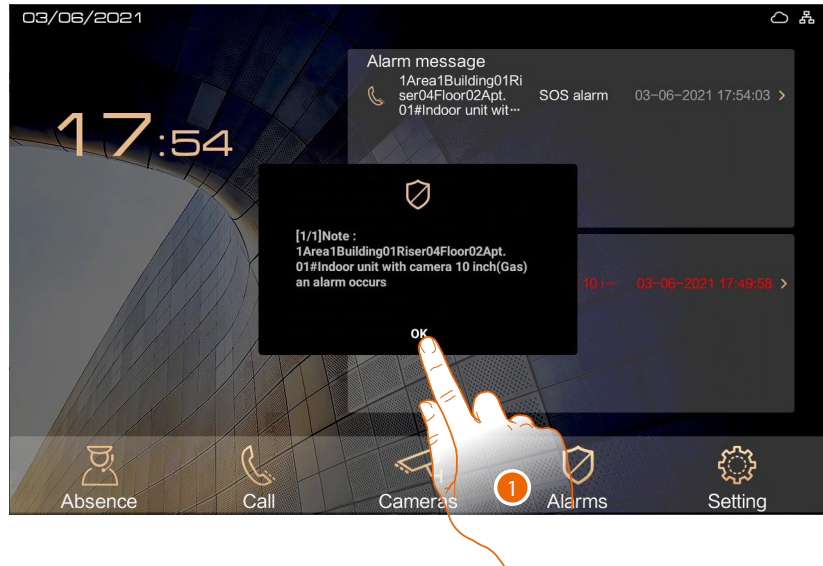
1. Touch to silence the alarm

2. Touch to open the alarm section to manage it
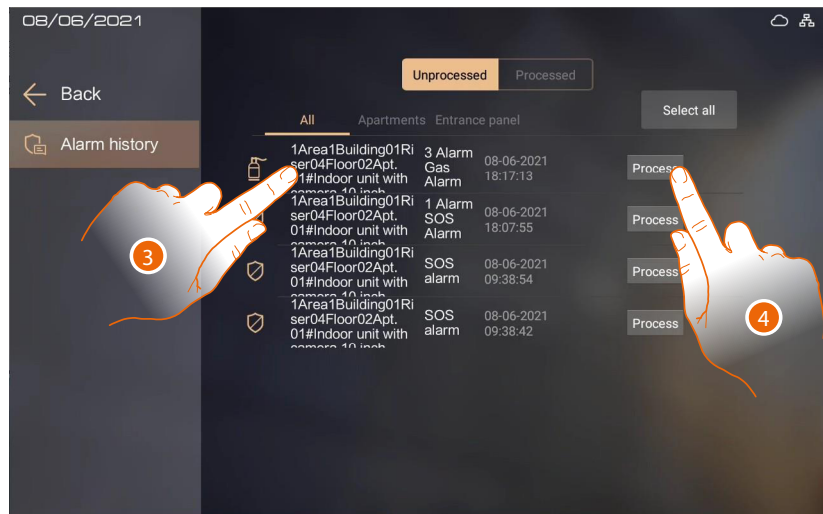
3. View the alarm details (origin, date, time and type) and if necessary call the IU to check (see step 5)
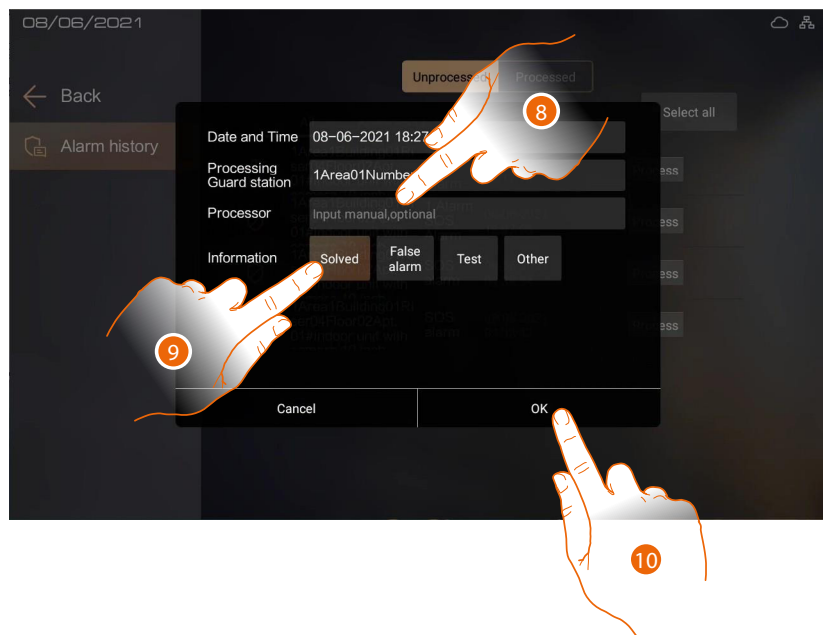
Or

4. Touch to directly process the alarm (see item 7)
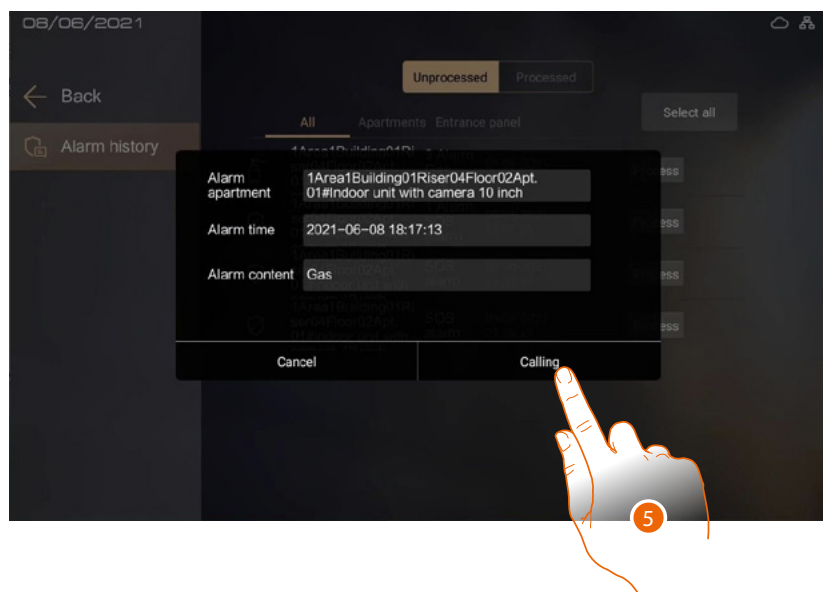
5. View the alarm details (origin, date, time and type) and if necessary touch to call the IU to check
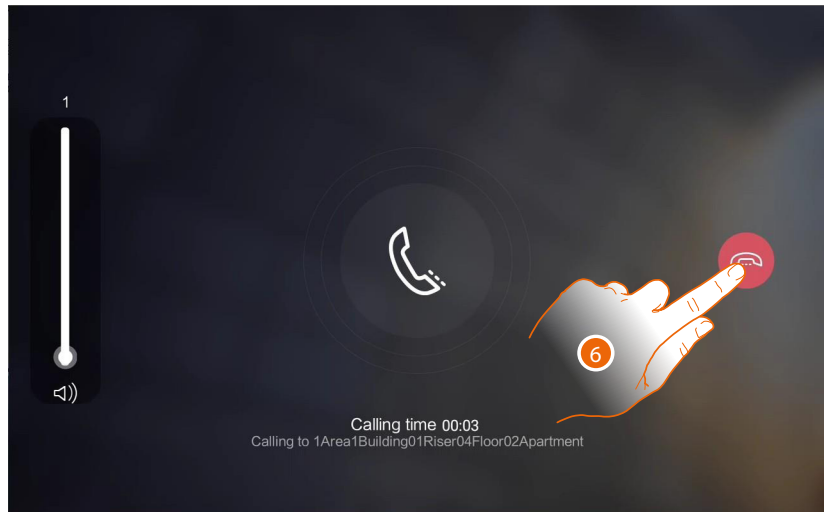
6. Touch to end the call
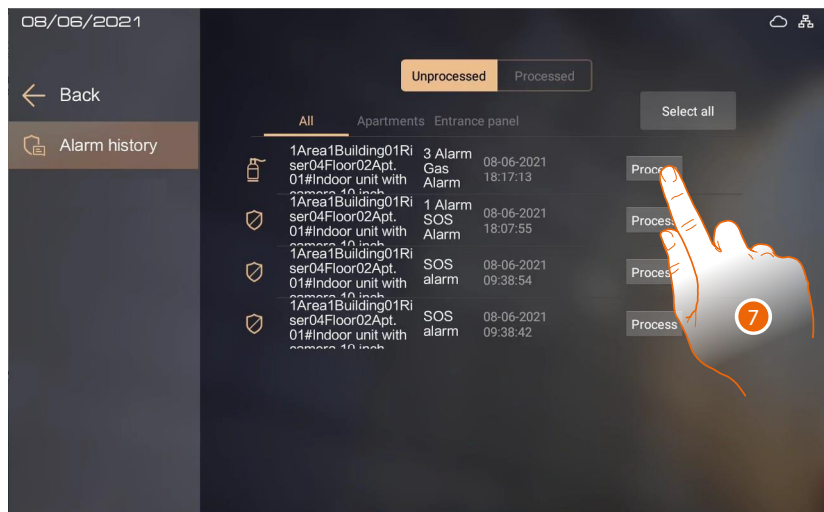
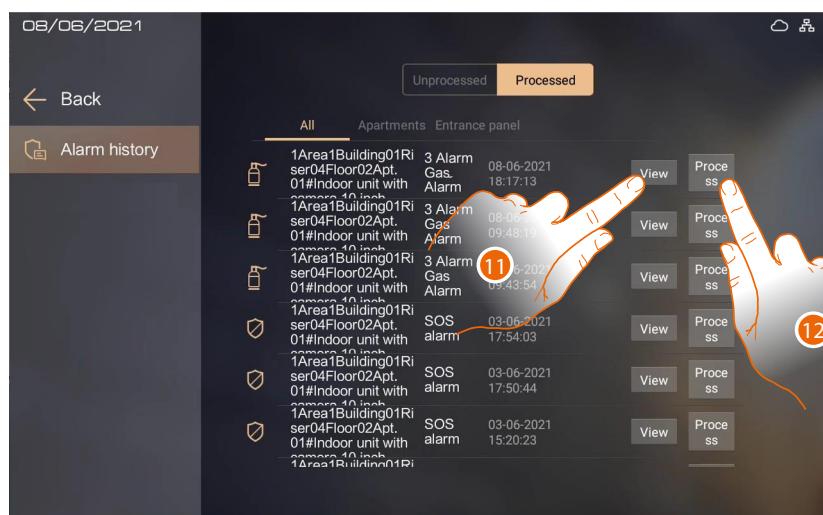7. Touch to continue the management by entering a process comment

8. Enter the name of the operator who initiated the management

9. Touch to indicate the alarm status

10. Touch to confirm

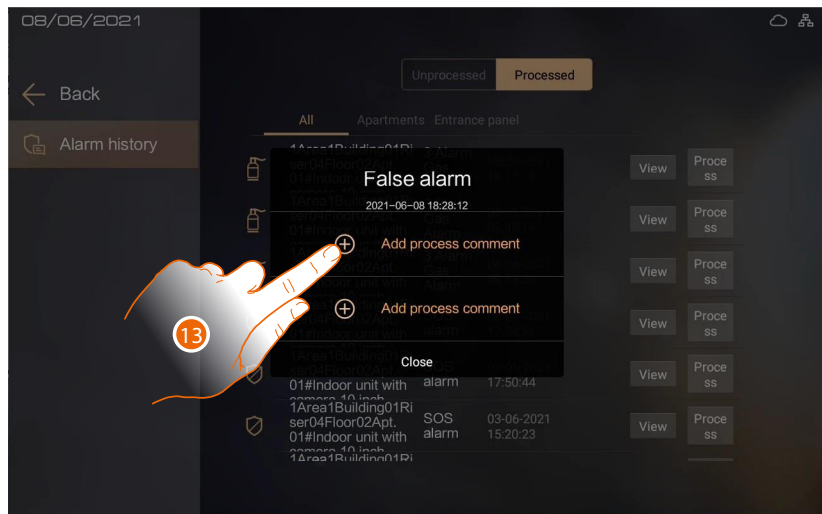The alarm is moved to the Processed section

If the alarm changes status:

11. Touch to view the alarm status and add another process comment if necessary

Or

12. Touch to directly enter the process comment

13. View the alarm status and add another process comment

14. Enter the processor name

15. Touch to indicate the new alarm status

16. Touch to confirm

Note: the video communication is active only for IU item 373001/02 with enabled camera or GS.

Setting

User settings

In this section it is possible to perform a wide range of customisations that will enable you to make the most of your GS.
There are further configurations in the Installation section (installer access), accessed by means of the installer password.
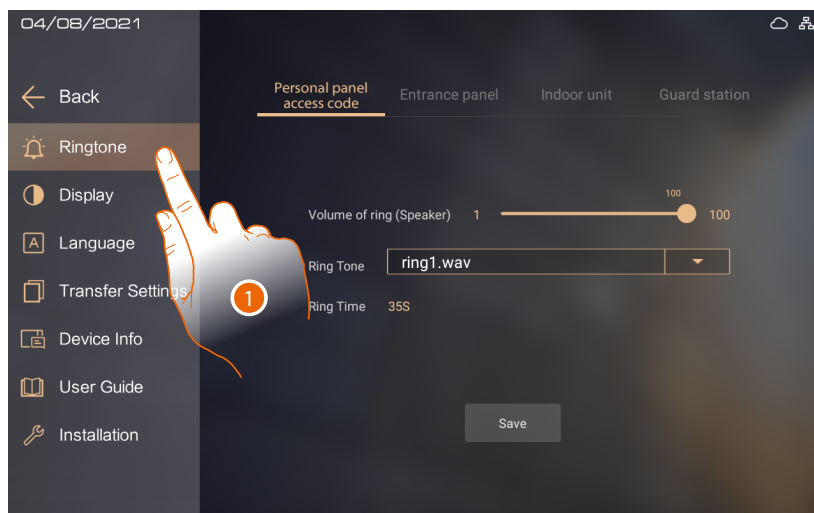

1. Touch the icon for the desired customisation, choosing among:

Ringtone	It sets the ringtones for the incoming calls
Display	It sets the parameters of the display and some functions
Language	It sets the interface language
Transfer Settings	It sets the call transfer
Device Info	It displays different device parameters
User Guide	It displays the QR code to access the documentation
Installation	It sets the advanced parameters (installer access with installer password)

Ringtone

In this section it is possible to set the ringtone parameters for the incoming calls, based on the origin

– Apartment EP
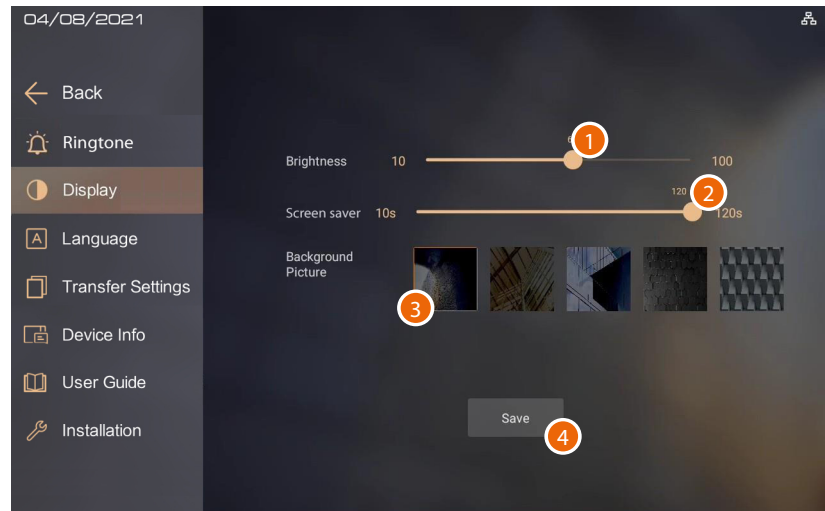
– EP

– IU

– GS
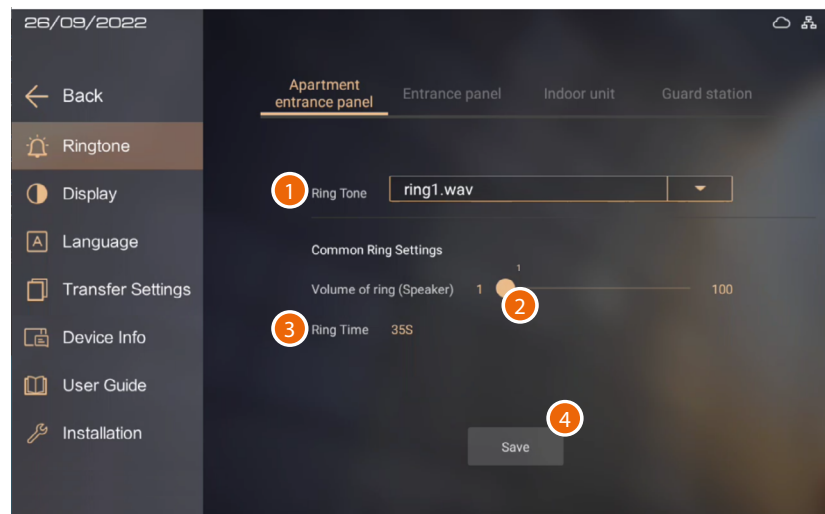
1. Scroll to modify the volume

Note: the volume adjustment is the same for all sources.

2. Select the tone

3. Display the ringtone duration time

4. Touch to confirm

If the procedure has been completed correctly, a confirmation message will appear.

Display

In this section it is possible to set different display parameters

1. Touch to modify the display brightness

2. Scroll to set the screen saver activation time

3. Select the display background
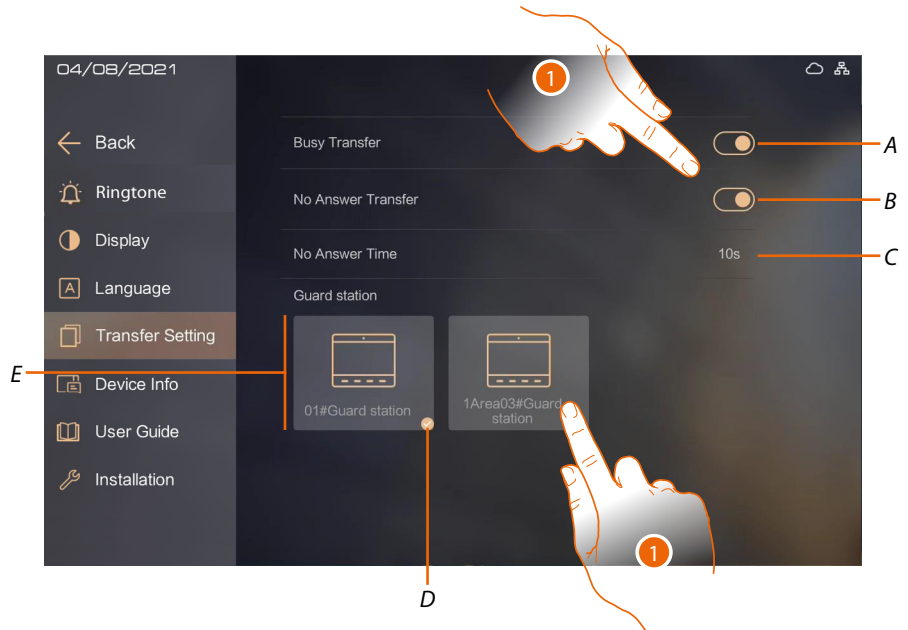
4. Touch to confirm

Language setting

In this section it is possible to set the interface language

1. Touch to select the language among the ones available

Transfer setting

In this section it is possible to set the call transfer to other GSs.

```
04/08/2021

← Back              Busy Transfer                              ◯●        A

🔔 Ringtone          No Answer Transfer                         ◯●        B

◐ Display            No Answer Time                    10s                C

Ⓐ Language           Guard station

▢ Transfer Setting

▤ Device Info
                     01#Guard station    1Area03#Guard
📖 User Guide                            station

🔧 Installation
```

A   Enable the transfer when you are in another conversation

B   Enable the transfer when a call is received and you cannot answer

C   Set the time after which the call will be transferred if not answered

D   Indication of the GS receiving the call

E   GSs to which to transfer the call

1. Select the situation that triggers the transfer of the call
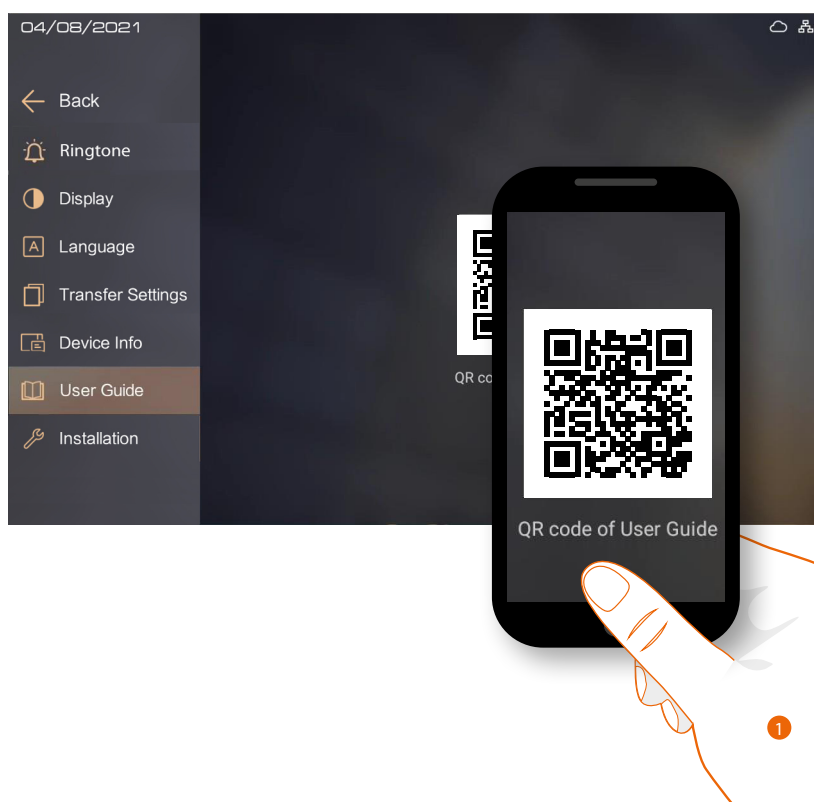
2. Select the GS to which to transfer the call

Device information

In this section it is possible to display different device parameters
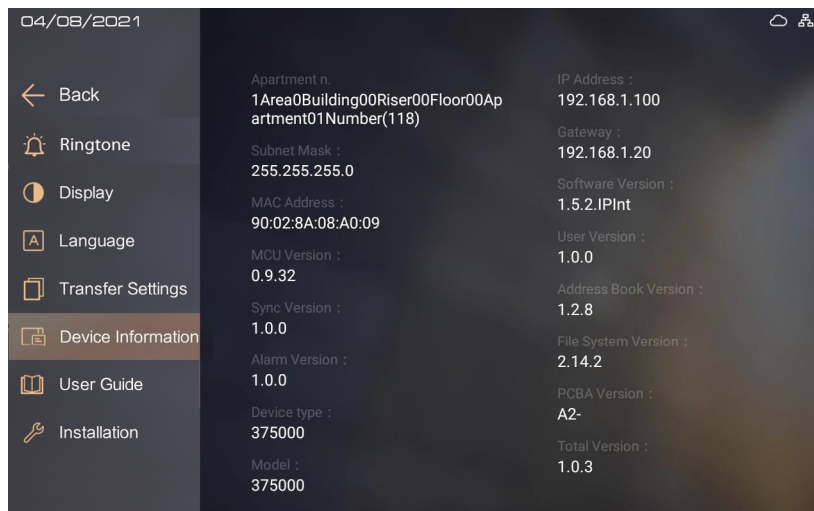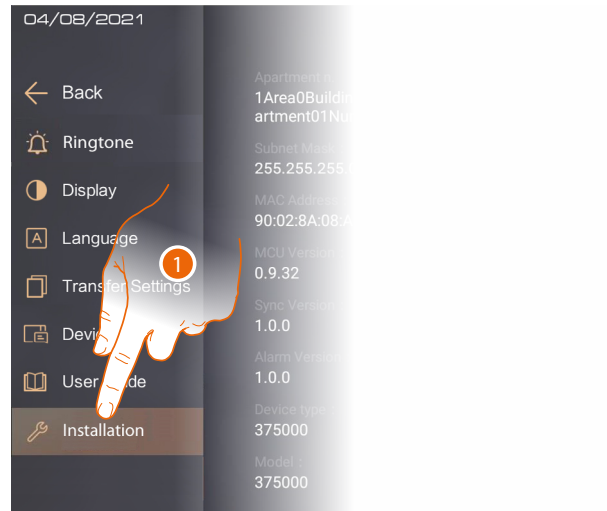

User guide

In this section it is possible to download this manual using the QR code

1. Using a smartphone, scan the QR Code

Inside the site, search for the 375000 code and download the manual

Advanced settings (Installation settings)

In this section it is possible to set different parameters such as installer password, date and time and to perform tests and resets.

1. Touch to modify the advanced settings.

Warning: access to the Advanced Settings should only be attempted by experienced people, as wrong actions could compromise the operation of the device
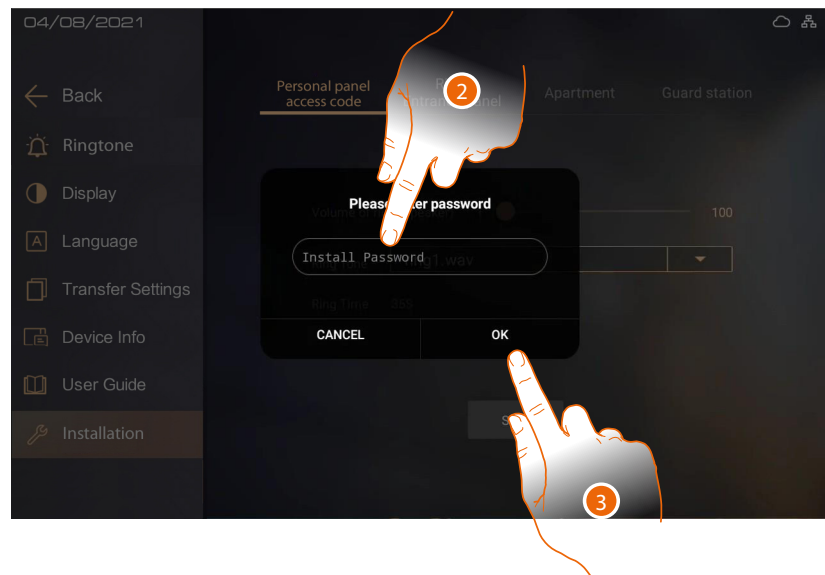
2. Enter the installer password (the password can be viewed in the device parameters section of the SW)

Caution: Save the passwords in a safe place that is always accessible.
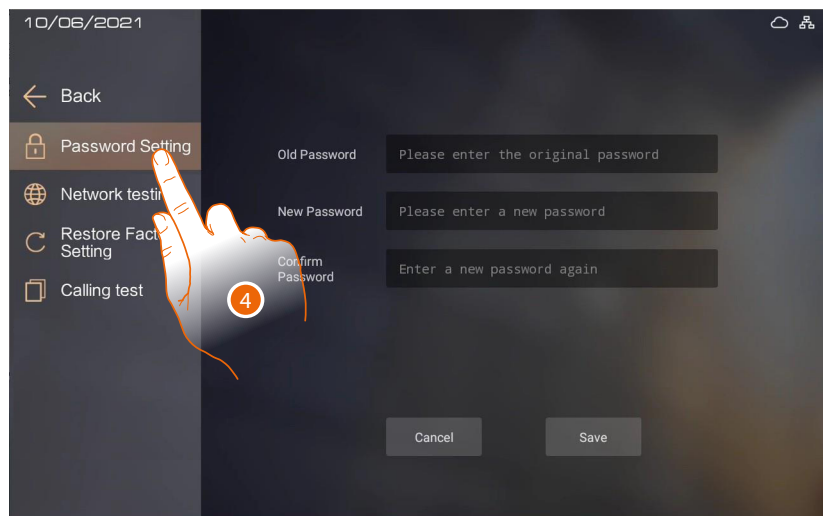*(Cloud backup activation recommended).*
If both the SD and the backup are unavailable, it will not be possible to retrieve the passwords.

Note: The passwords of the devices incorrectly activated in DEMO mode are: 2000 (EP) and 1111 (IU and GS)

Note: for safety reasons, modify the password.

3. Touch to confirm

Note: it is not possible to enter this section if there are active alarms

4. Touch the icon for the desired customisation, choosing among:

🔒 Password Setting	It sets the **installer password**
🌐 Network testing	It performs **a network test**
↻ Restore Factory Setting	It restores the **factory values** of the device
⬜ Calling test	It makes **test calls** to test the system

Password setting

In this section it is possible to modify the installer password

Caution: Save the passwords in a safe place that is always accessible.
(Cloud backup activation recommended).
If both the SD and the backup are unavailable, it will not be possible to retrieve the passwords.
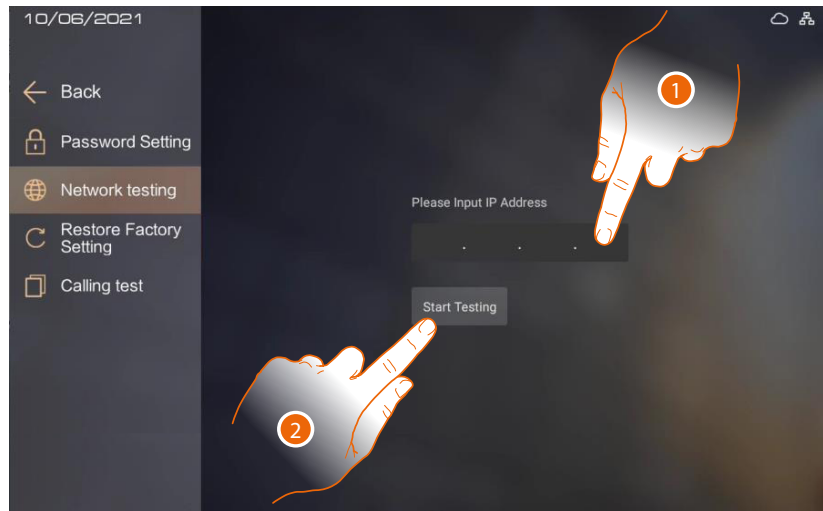
Note: *The passwords of the devices incorrectly activated in DEMO mode are: 2000 (EP) and 1111 (IU and GS)*
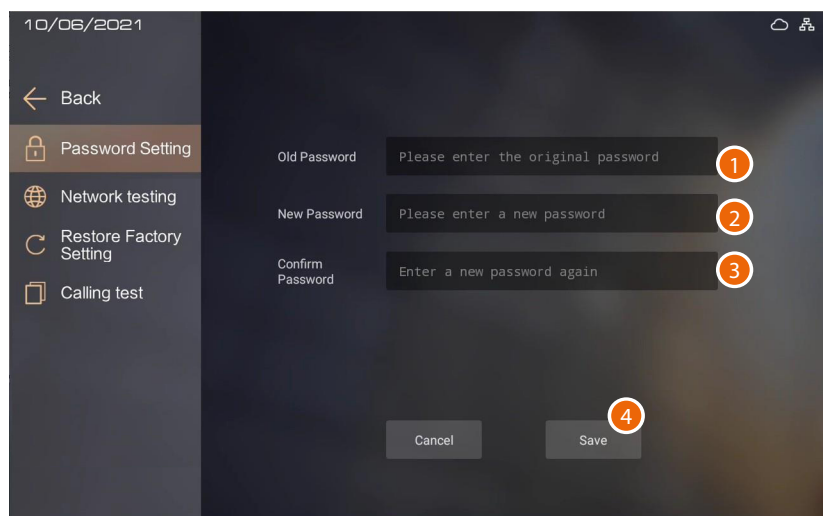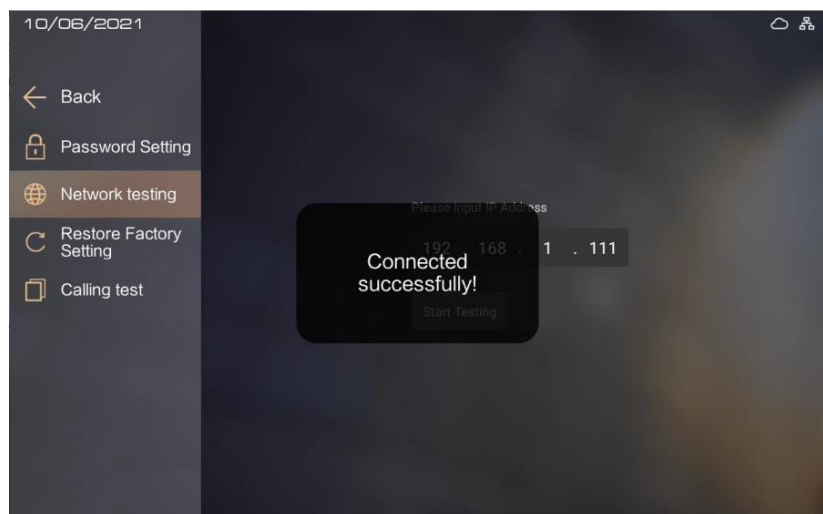

1. Enter the old installer password
2. Enter the new installer password
3. Enter the new installer password again
4. Touch to confirm

Network testing

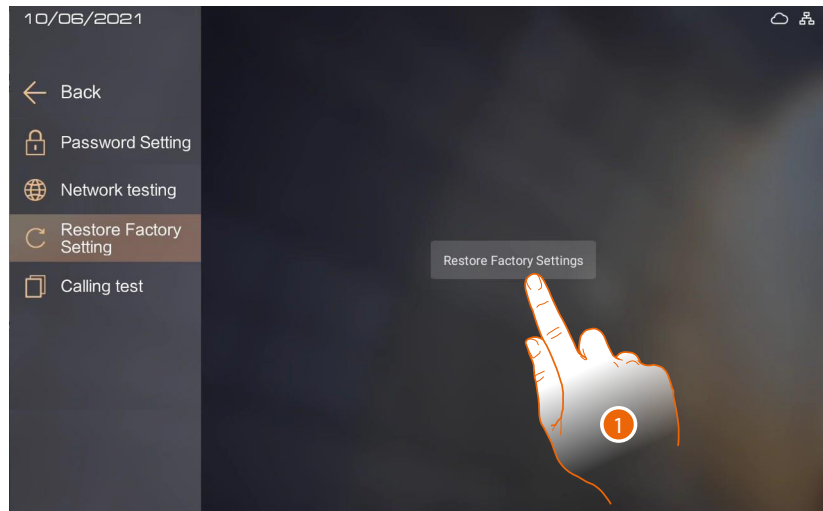This function performs call tests of devices whose IP address is known.

1. Enter the IP address of the device to test the connection.
2. Touch to start the test

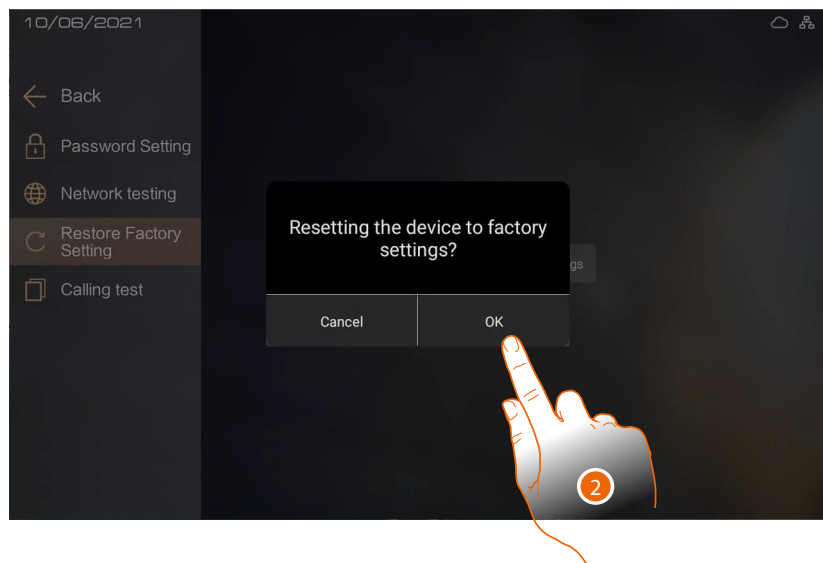If the test is successful, a confirmation message appears

Restore factory settings

In this section it is possible to restore the factory values of the device
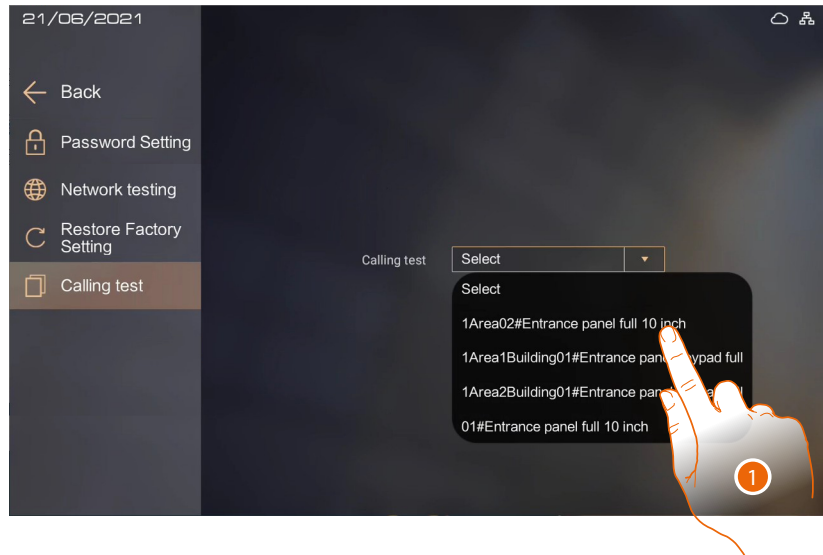

1. Touch to start the procedure

Warning: all settings will be deleted and the parameters will be restored to factory values

2. Touch to confirm

Calling test

This function performs call tests between devices configured in the AB

1. Select the address to make the test call

If the communication is activated, the test has passed.