Entrance Panel keyboard 4.3"

374001/03

User and installation manual



RA00189AC-01/24-PC

Entrance Panel keyboard 4.3"

User and installation manual

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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 EP keyboard 4.3" 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

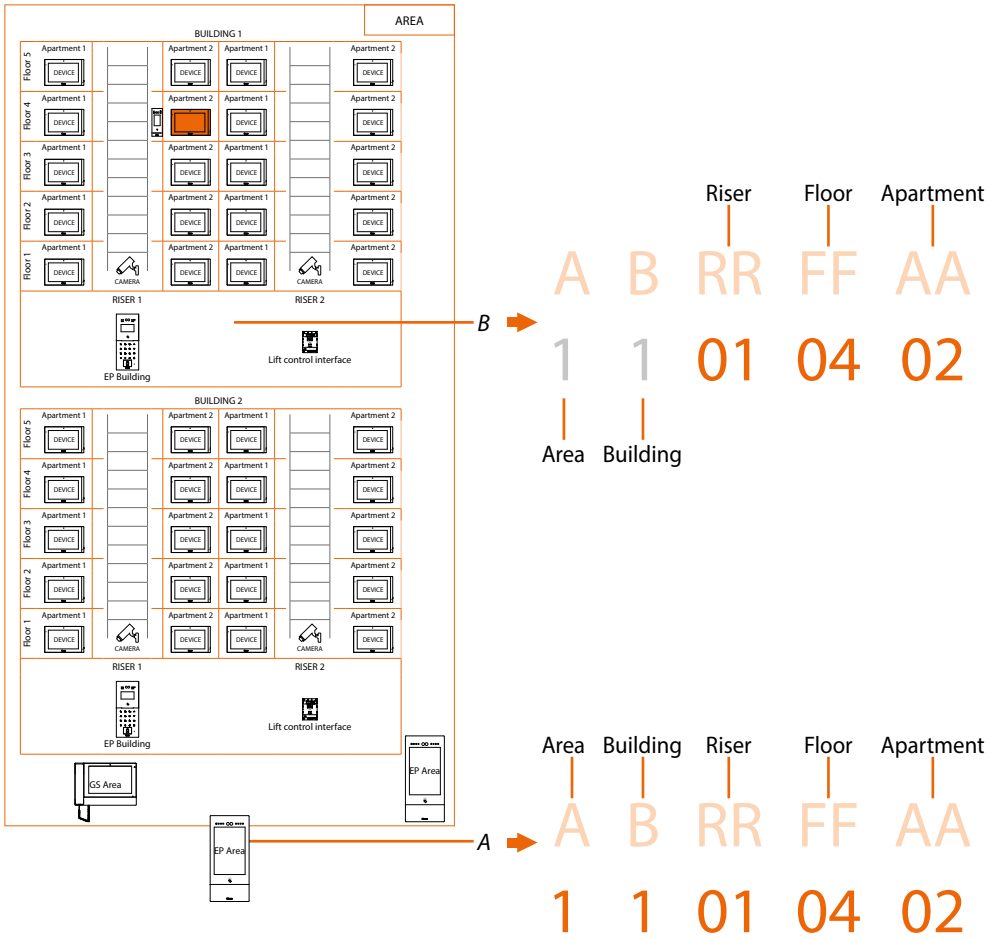
On the basis of data recorded in the system phonebook and the Community structure the calls can be made using various methods:

- 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.



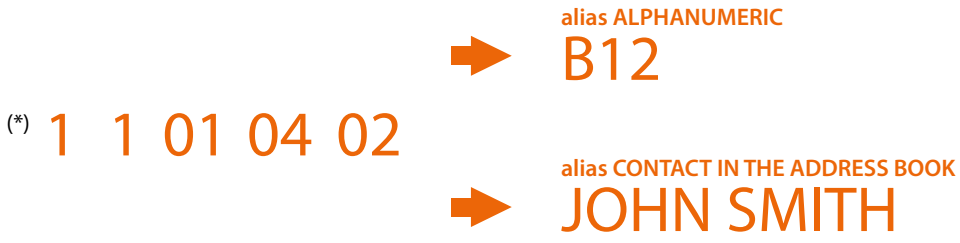
***Note**: during the configuration phase, the number of digits to be used for each call sector (Area/Building/Riser/Floor/Apartment) must be set.*
Example: I have to call an apartment inside building 2
– if there are from 1 to 9 buildings in the area, I must enter «2» (one digit used for the Building 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:



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.

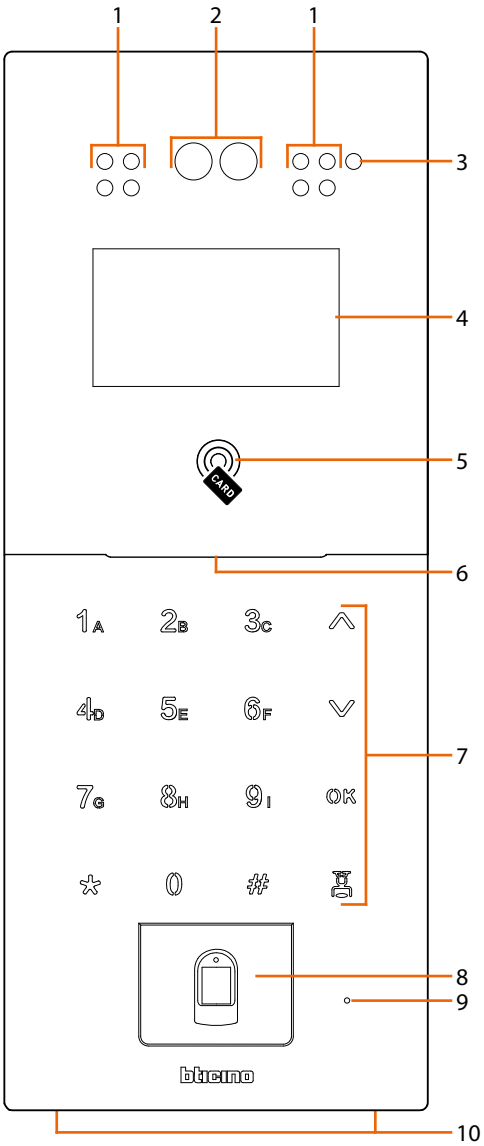
	Alphanumeric call (using alphanumeric alias)	Alphanumeric call (using contact alias in the address book)	Lift Control Function	Fire-fighting	OnVif IP cameras
373001	✓	✓	✓	✗	✓
373002	✓	✓	✓	✗	✓
373003	✓	✓	✓	✗	✓
373004	✓	✓	✓	✗	✓
373005	✓	✓	✓	✗	✓
373006	✓	✓	✓	✗	✓
373007	✓	✓	✓	✗	✓
373008	✓	✓	✓	✗	✓
374000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

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

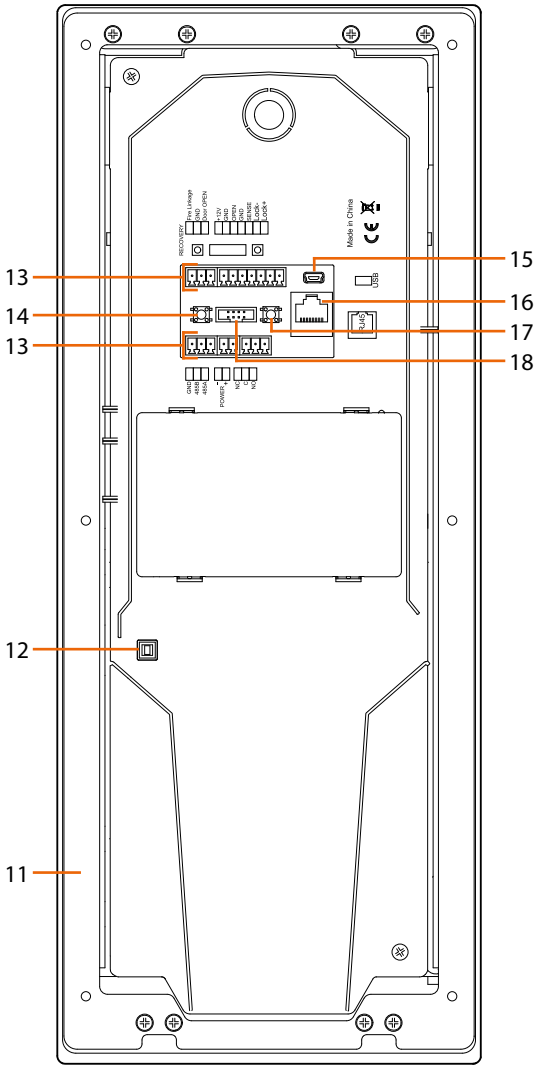
*****NOTE**: function only valid with contact interface 375013*

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

Front and rear view

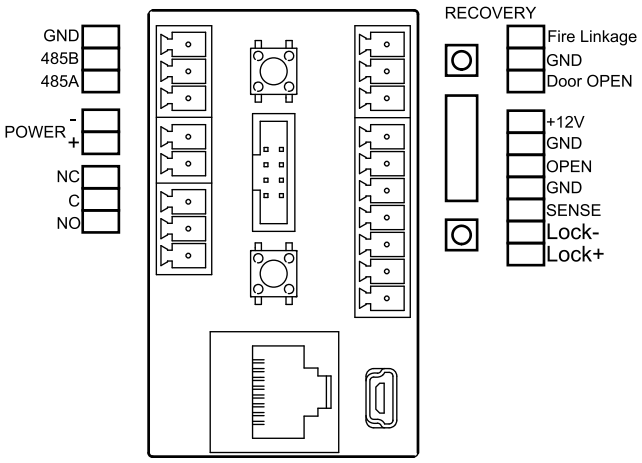


1. LED for the shooting field lighting
2. Camera
3. Light sensor
4. Display 4,3"
5. Badge reader for door lock opening
6. Loudspeaker
7. Backlit keyboard
8. Finger print reader (only 374001)
9. Microphone
10. Locking screws



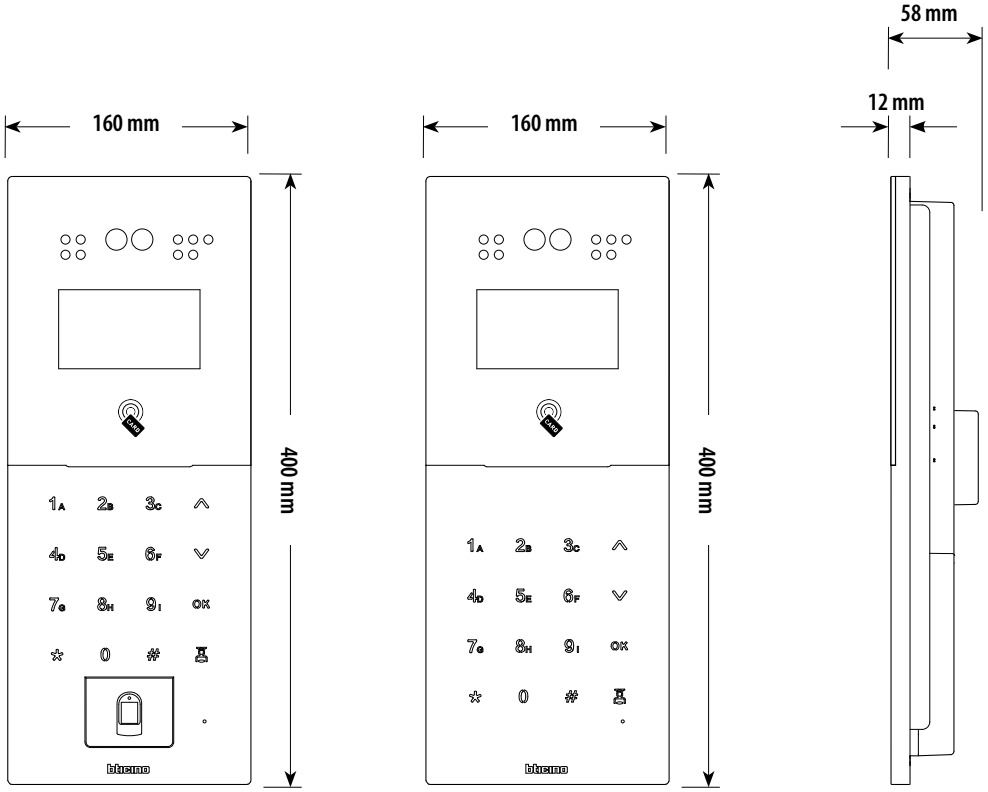
11. Mounting bracket
12. Tamper switch
13. Connection clamp
14. Not used
15. USB Connector (not used)
16. RJ45 Connector (*)
17. Reset the "local access code" and the "setting access code" to the factory values
18. Not used

(*) 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



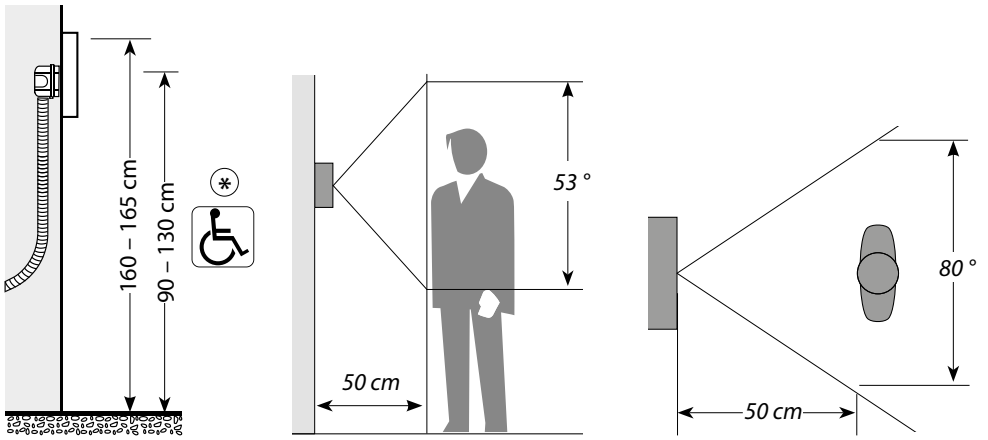
Connection clamps				
GND	Lift Control	system common ground terminal for RS485 connection	FIRE Linkage – GND	local door lock release pushbutton connection for firealarm system
RS485B		terminal A	Door OPEN – GND	local door lock release pushbutton connection
RS485A		terminal B	+12V – GND OPEN	access control devices power supply
-		access control devices power supply	OPEN	third party access control signal input for door lock opening (+12Vdc pulse)
+			GND	system common ground terminal for third party connection
NC		interlocked dry contact for electric door lock connection	SENSE	door lock status signal input (dry contact)
C			LOCK+	connection and control of the electric door lock (12V - 4A impulsive 30 Ohm max)
NO			LOCK-	

Dimensional data and installation heights



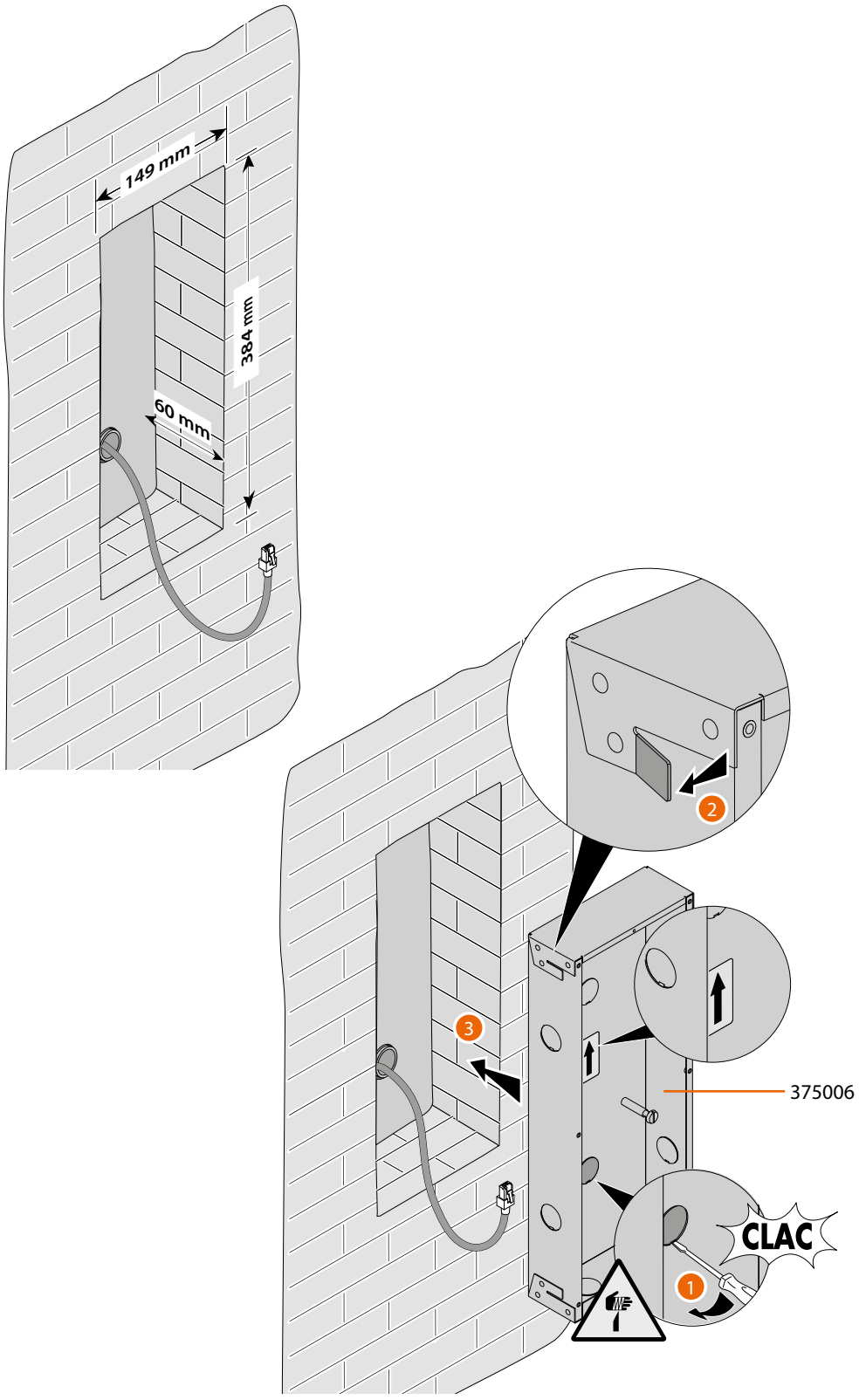
374001 **374003**

To ensure proper operation, the Fingerprint Reader (only 374001), must be installed in a location protected from rain.

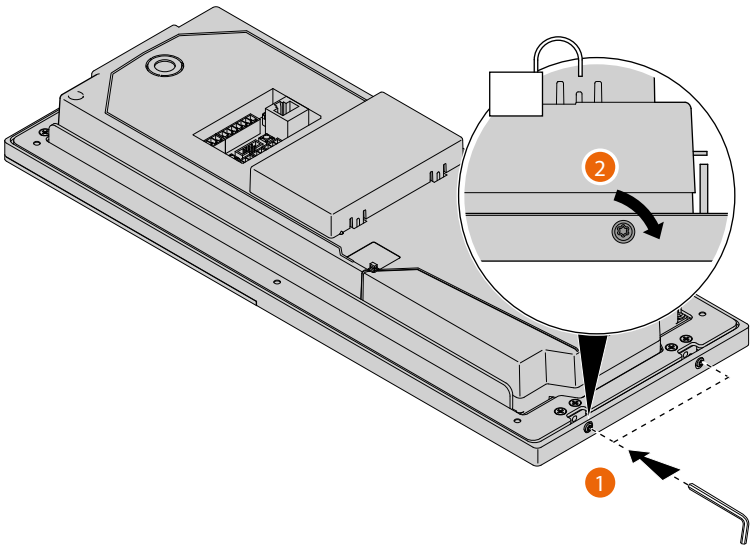


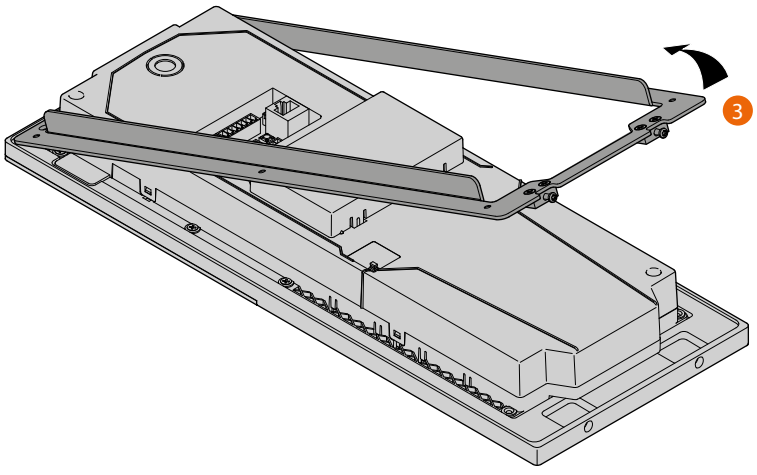
(*) Recommended height, unless different regulations are specified.

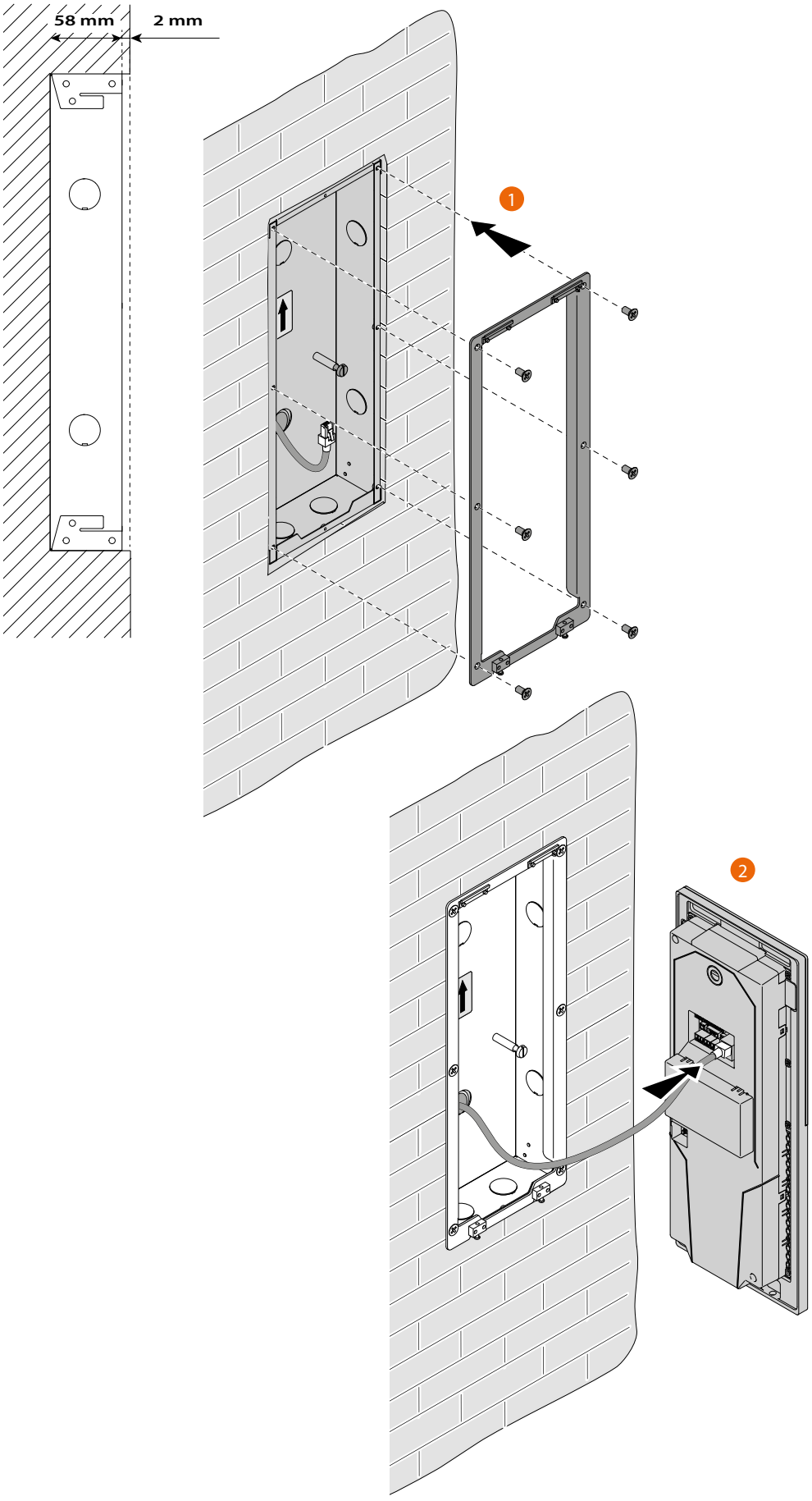
Installation

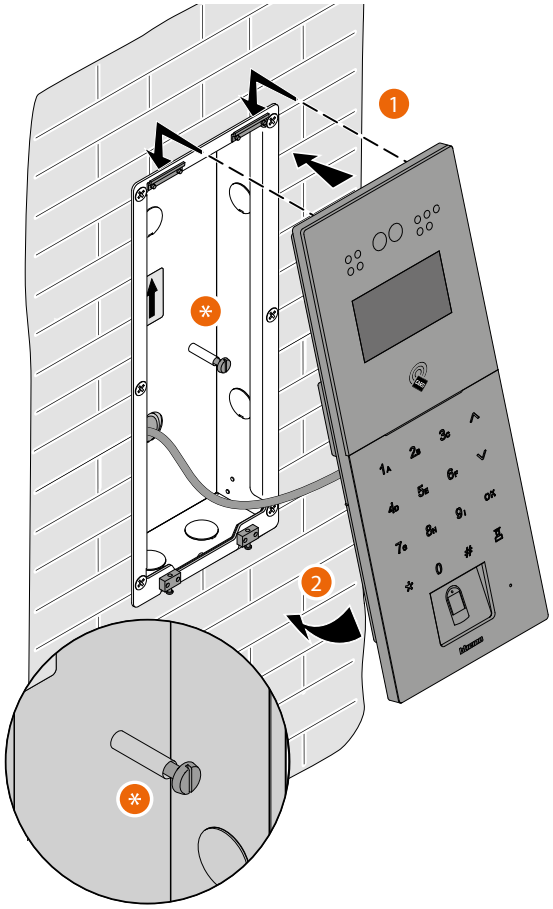


***Attention**: The wrong wiring of the Ethernet cable connecting the device to the Poe Switch 375002 could damage the device itself..*
The RJ45 cable must be at least 200 mm long.

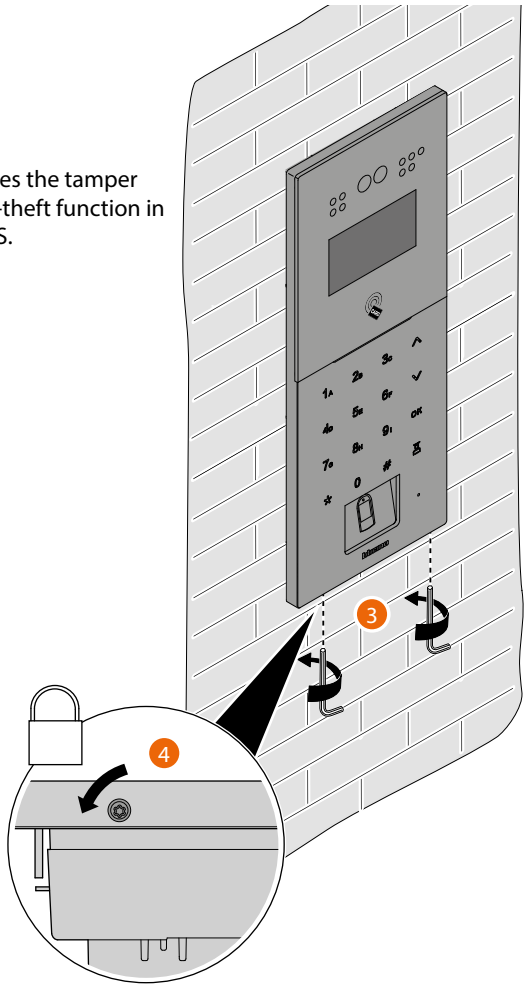

2
1


3

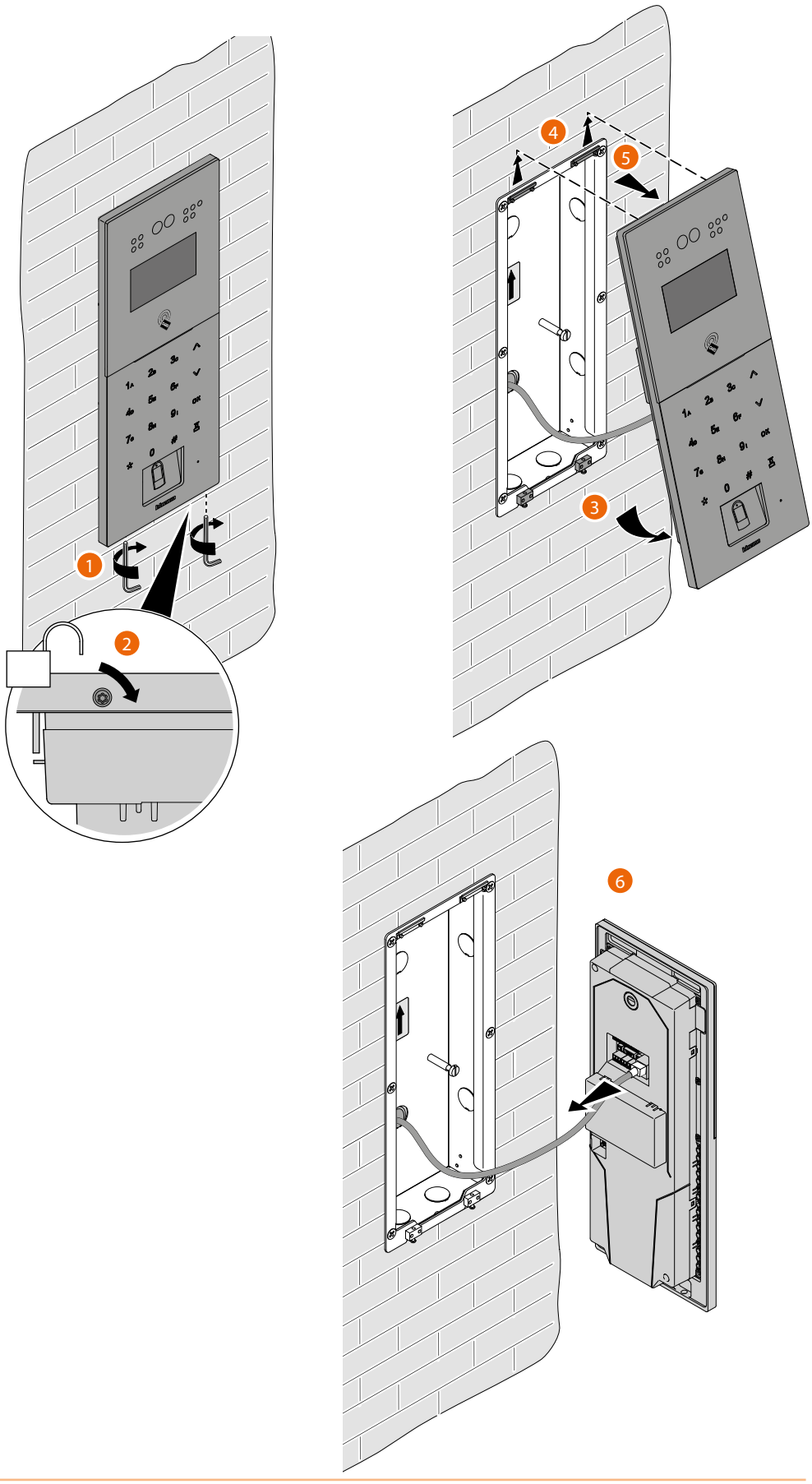

58 mm
2 mm
1
2



(*) Adjust the tamper screw so that it presses the tamper switch of the device and activates the anti-theft function in case of removal sending an alarm to the GS.



Uninstall

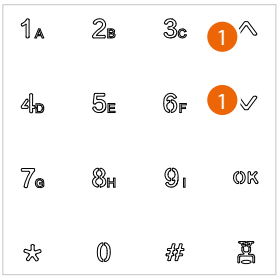


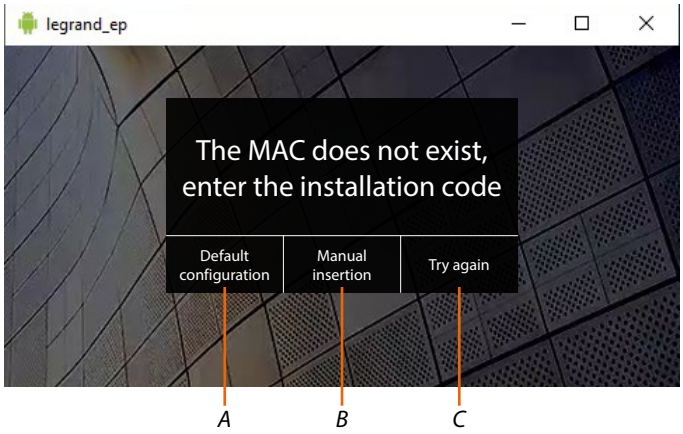
Activation

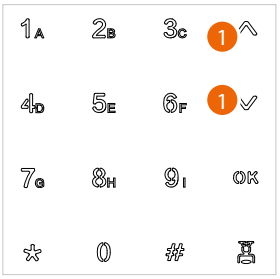
After configuring the MAC address of the device in the SD, when switched on, the device searches for a configuration (address book) on the DES Server and acquires it.

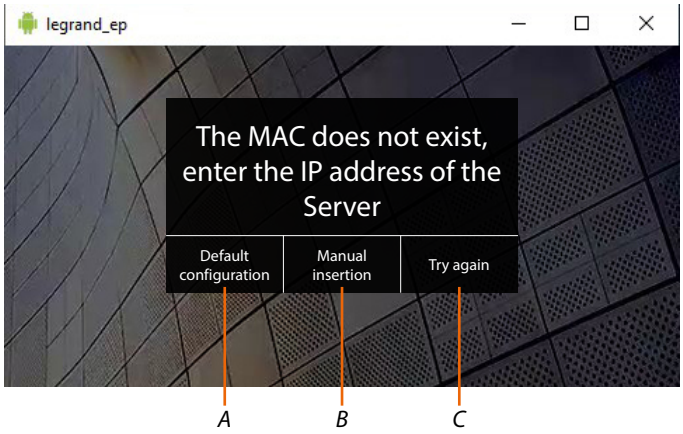
***NOTE**: if the device were already configured in the past, it must be reset.*
After rebooting, the device will configure itself

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









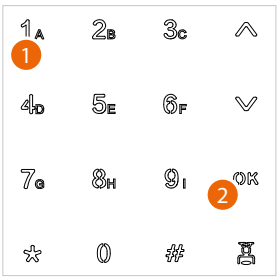
A Not to be used

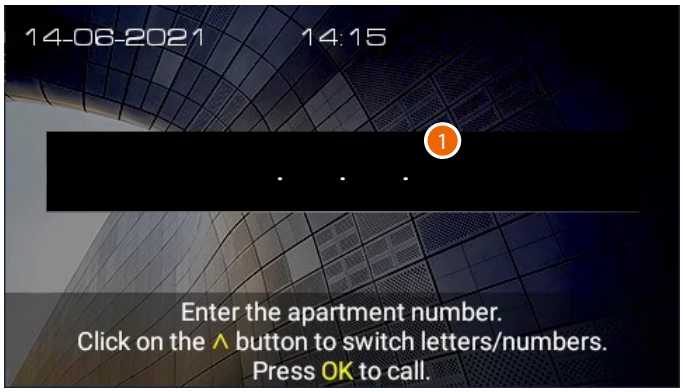
B Button allowing manual entry of the server IP address or installation code. By entering one of the two described parameters, it is possible to force the configuration of the device by putting it into forced communication with the server.
***NOTE**: to display the IP address, see the "Community Network 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 scroll the items to "Manual entry" and touch OK to confirm

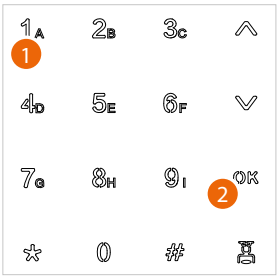
IP address

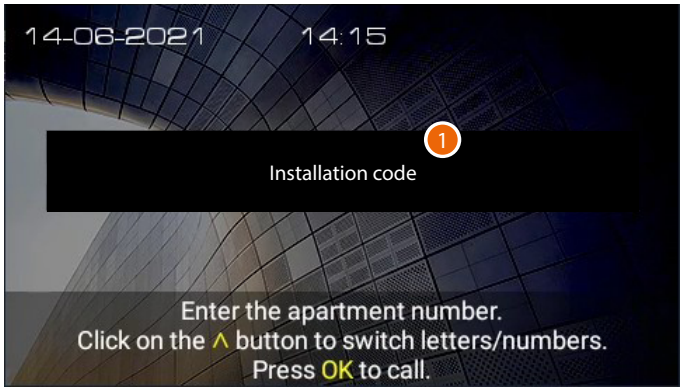




1. Enter the IP address of the server
2. Touch to confirm

Installation code





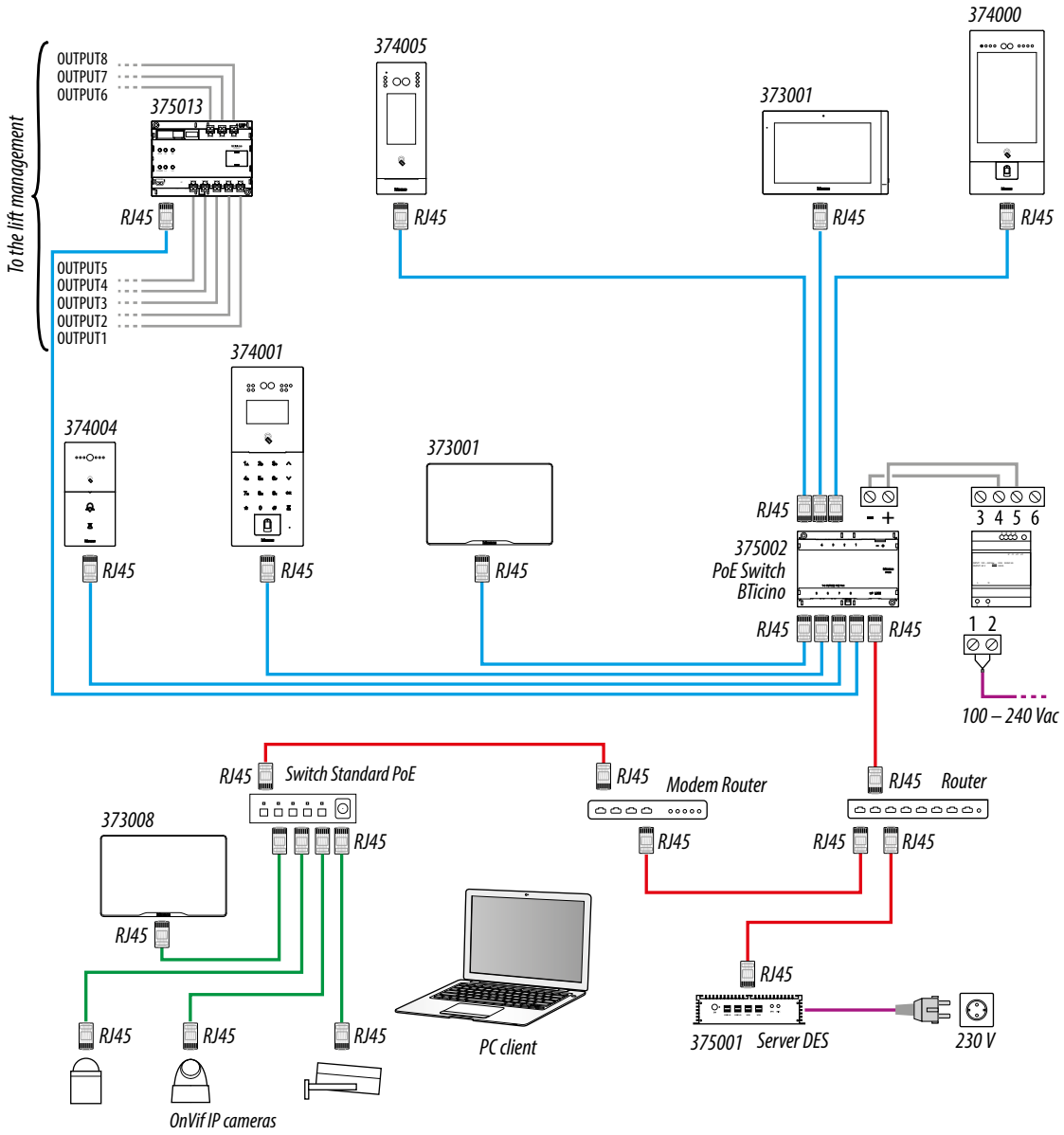
1. Enter the installation code
2. Touch to confirm

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:



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.*

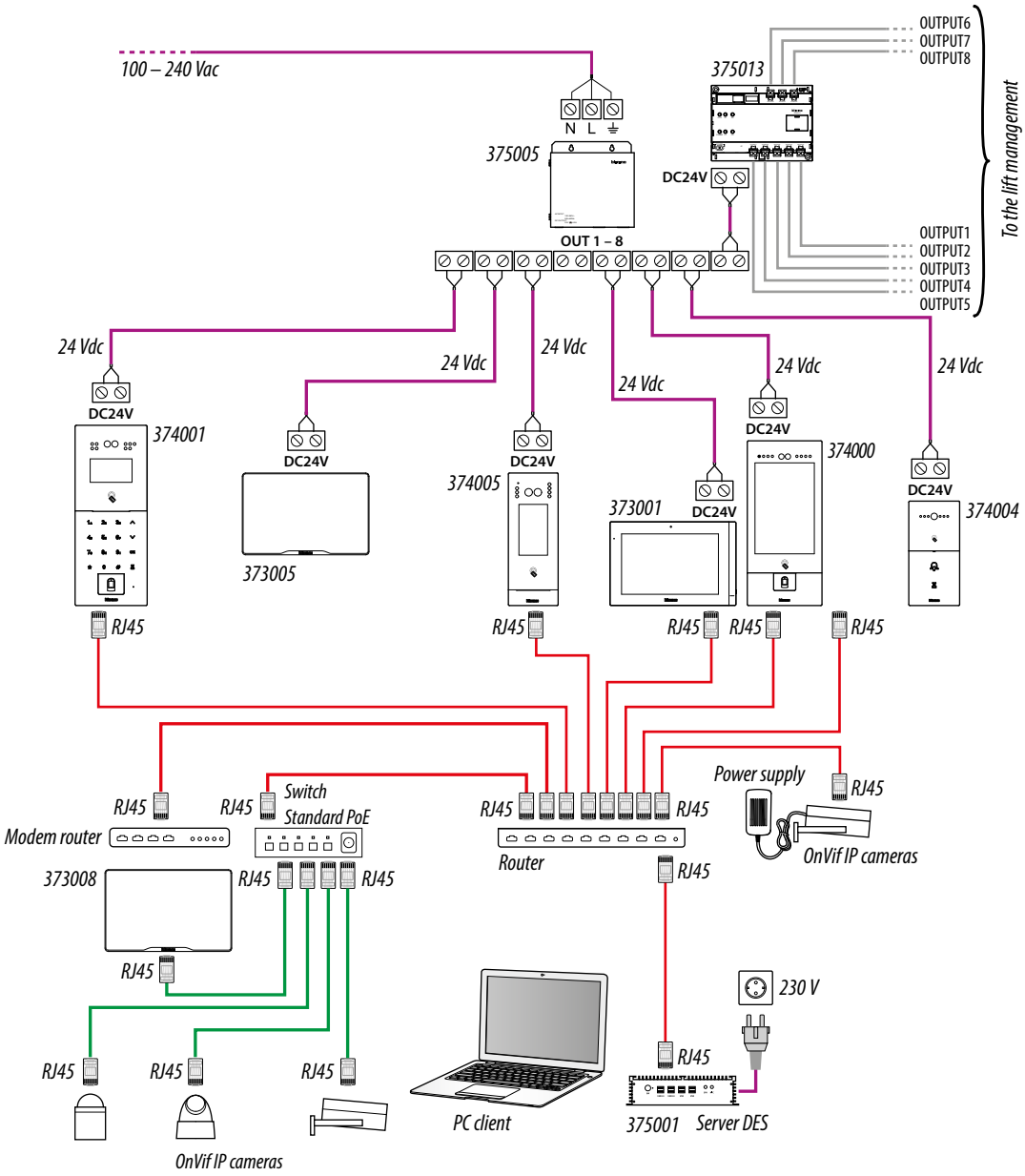
Note:

- *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:

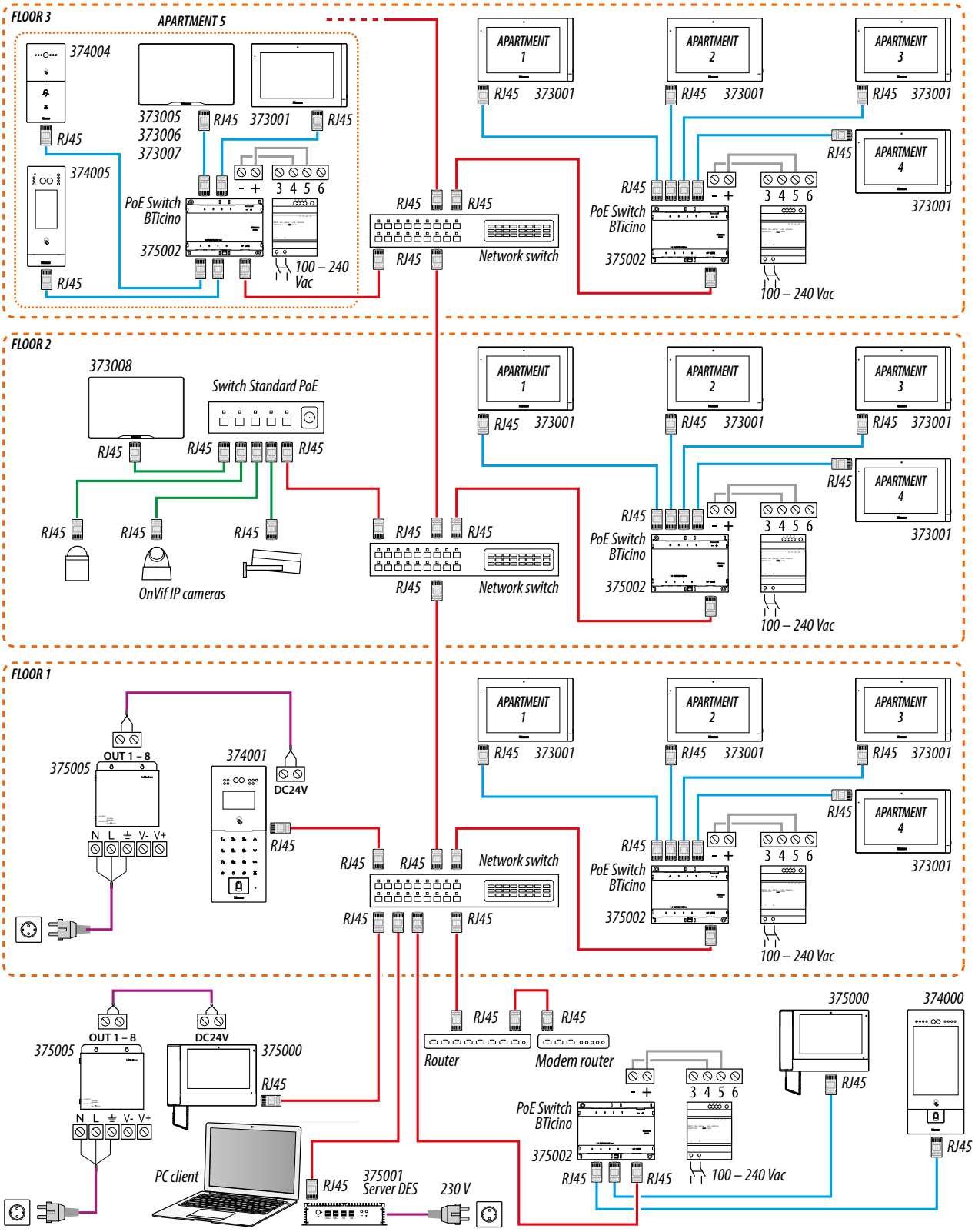
- *connect the devices only to the PoE 375002 switches. No other PoE switches are permitted.*
- *only item 373008 can be connected to an IEEE 802.3at standard PoE switch (POE+)*
- *item 375001 must be connected to the LAN network, not to PoE switches*
- *connect the UP LINK port of the 375002 to a suitable 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.*

Ethernet connection

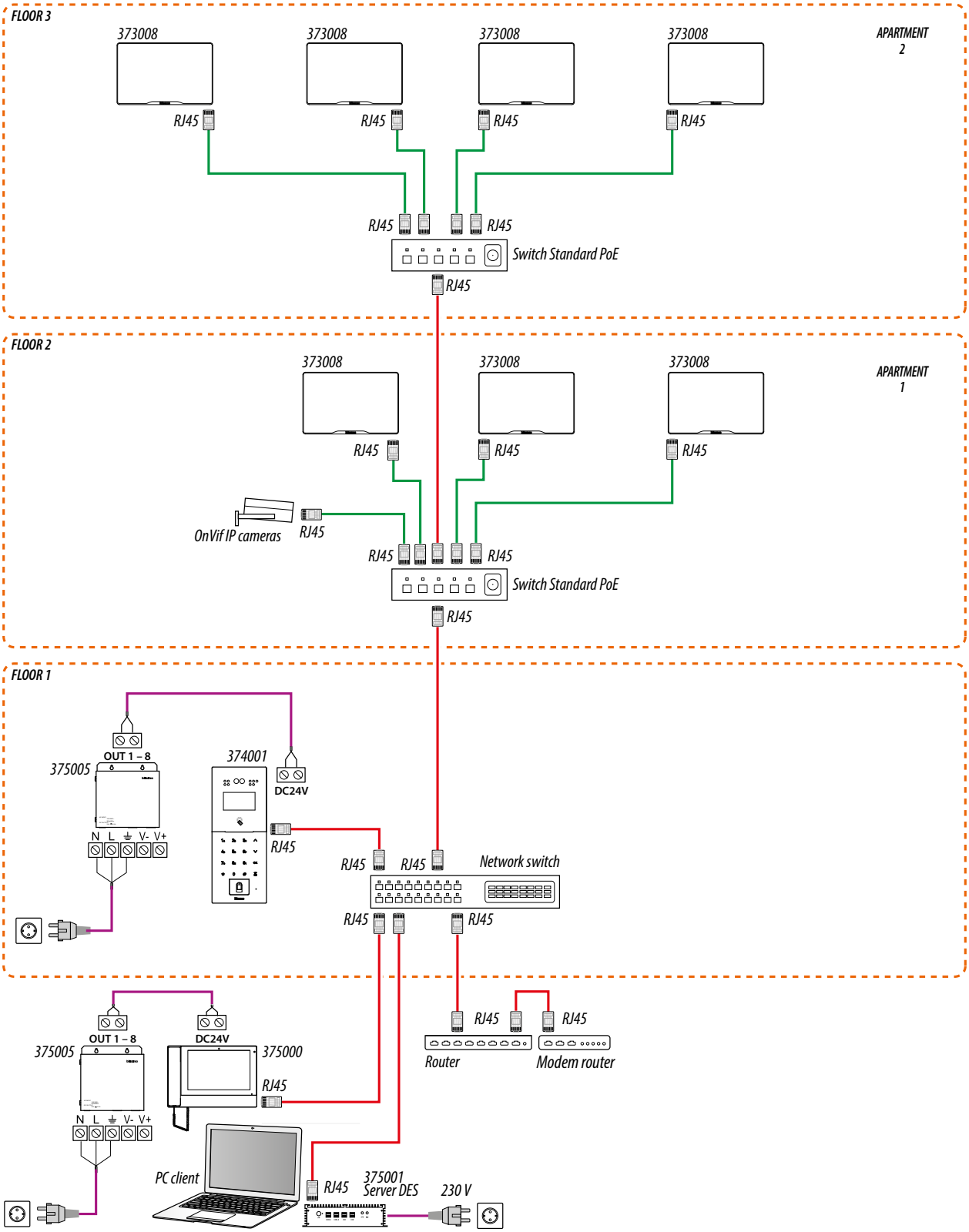
CABLES LEGEND	LAN PoE Standard	LAN PoE BTicino	LAN Ethernet	Copper cables	2 x Copper cables



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

Ethernet connection to the Standard PoE switch

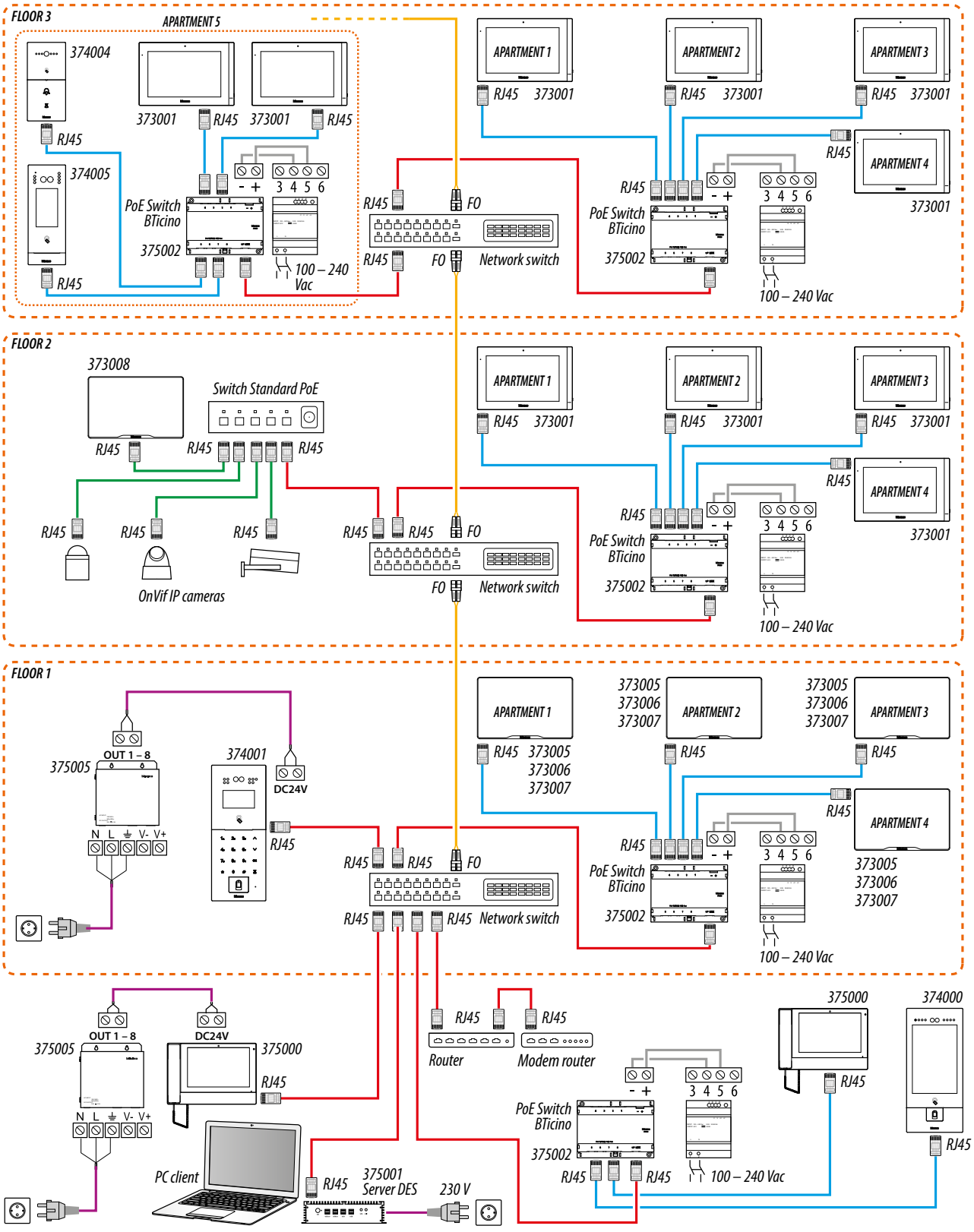
CABLES LEGEND	LAN PoE Standard	LAN PoE BTicino	LAN Ethernet	Copper cables	2 x Copper cables



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

Fiber optic riser connection (case of higher bandwidth demand)

CABLES LEGEND	LAN PoE Standard	LAN PoE BTicino	LAN Ethernet	Fibra ottica	Copper cables	2 x Copper cables



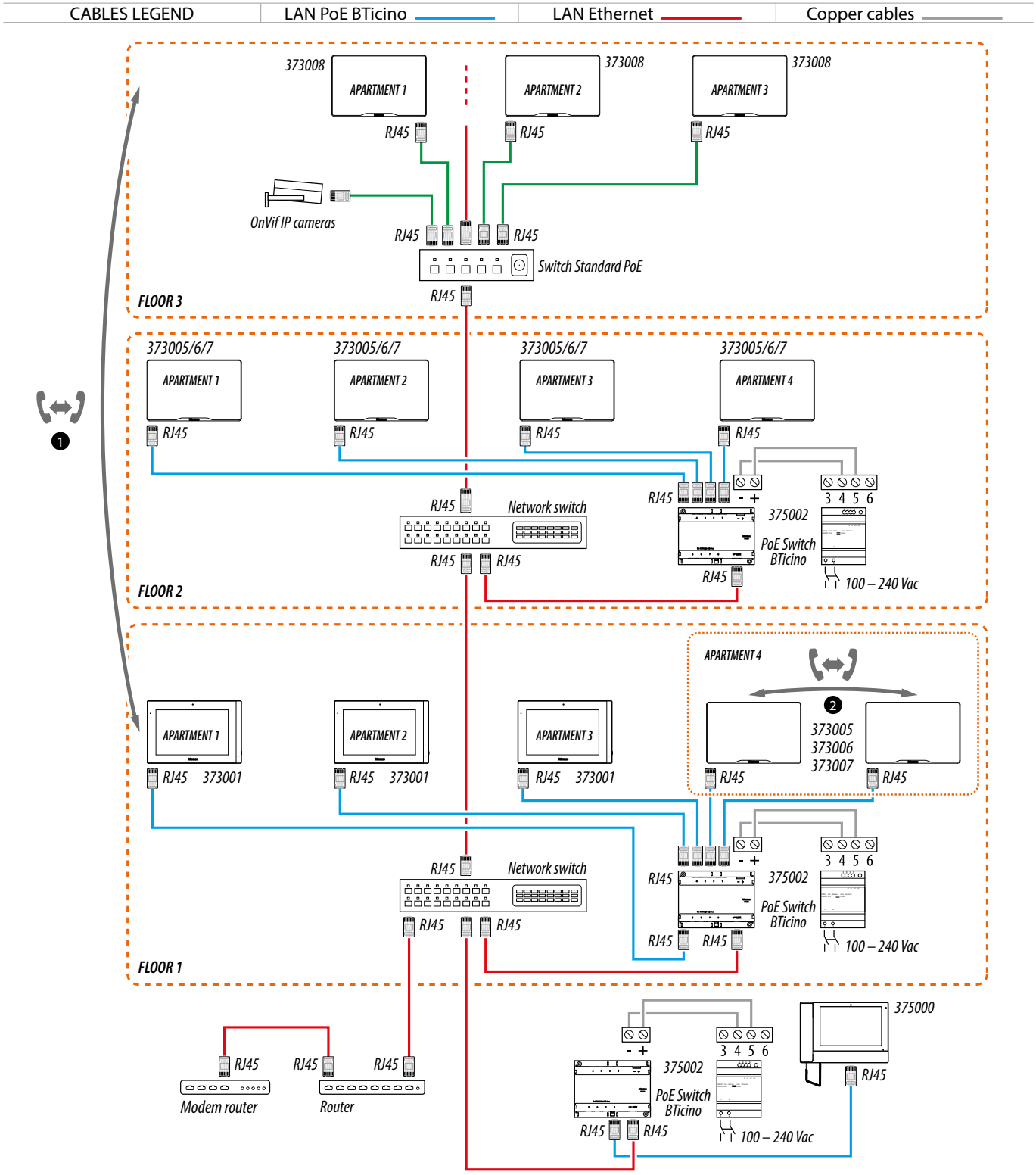
***Attention**: check the installation precautions and notes*

Intercom function

Audio intercom between internal unit:

❶ - of different apartments (same building or different building)

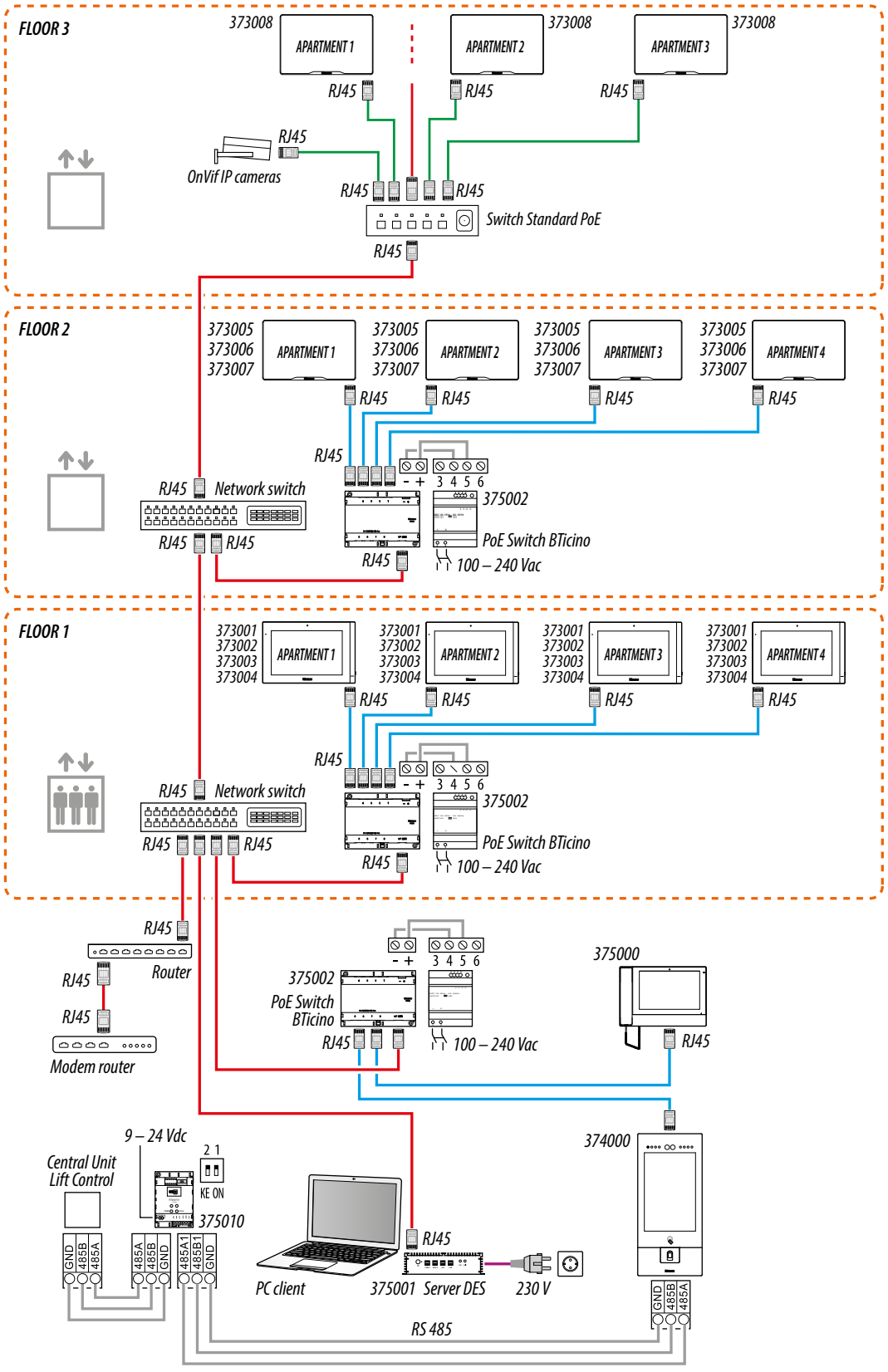
❷ - inside the same apartment.



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

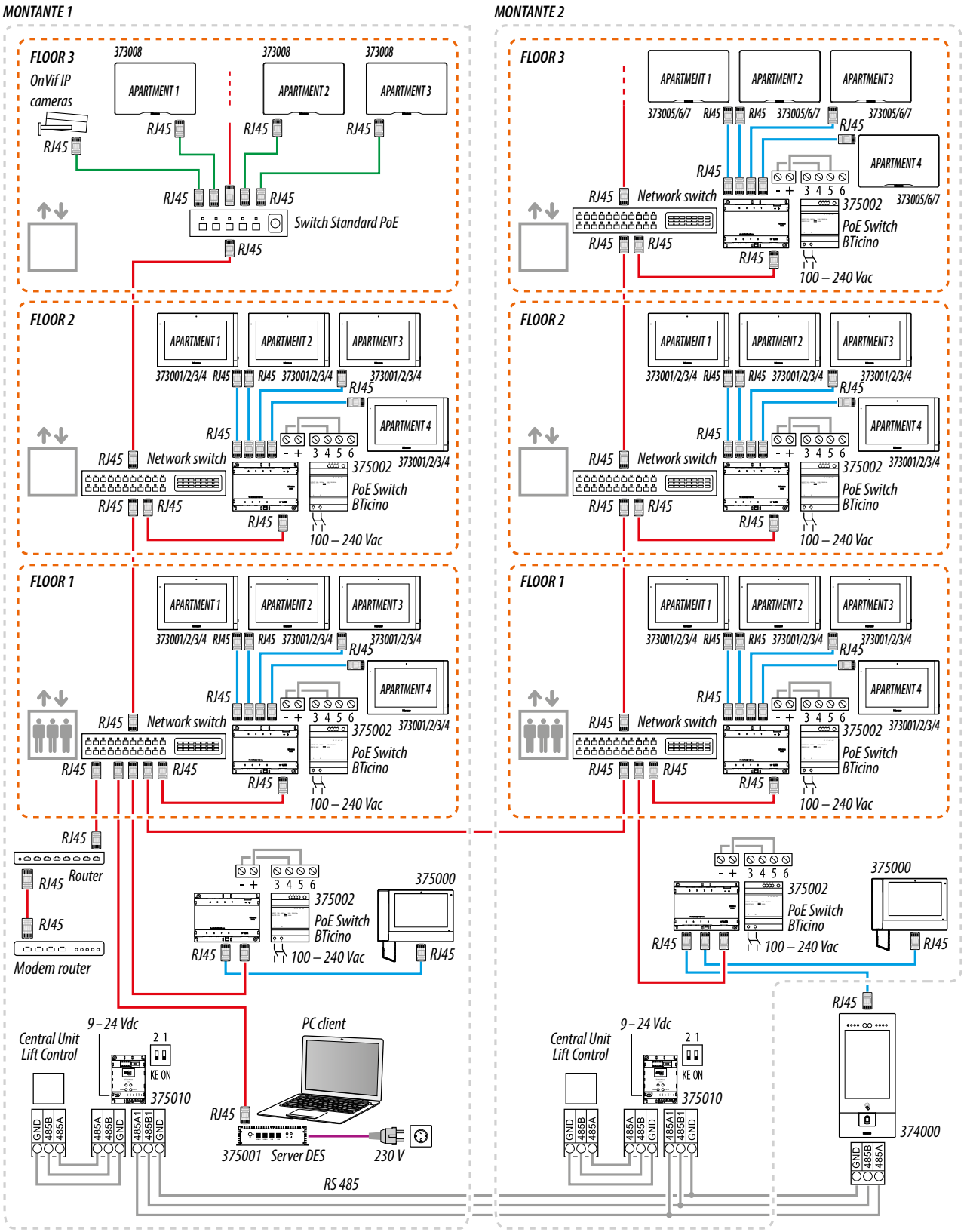
Lift control 1 - Lift control with protocol interface 375010, 1 riser, 1 entrance panel

CABLES LEGEND	LAN PoE BTicino	LAN Ethernet	Copper cables



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

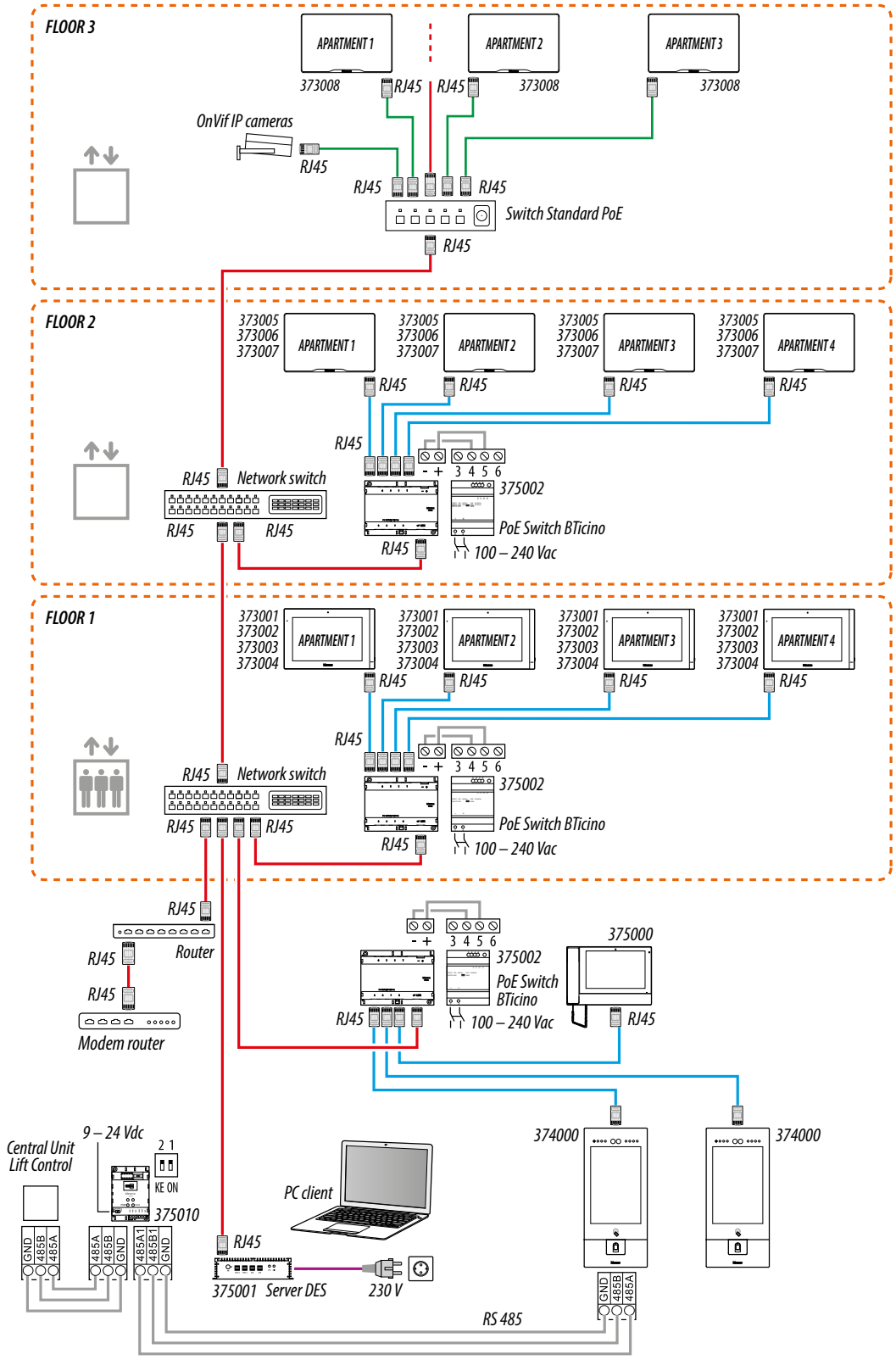
Lift control 2 - Lift control with protocol interface 375010, more risers, 1 entrance panel



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

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

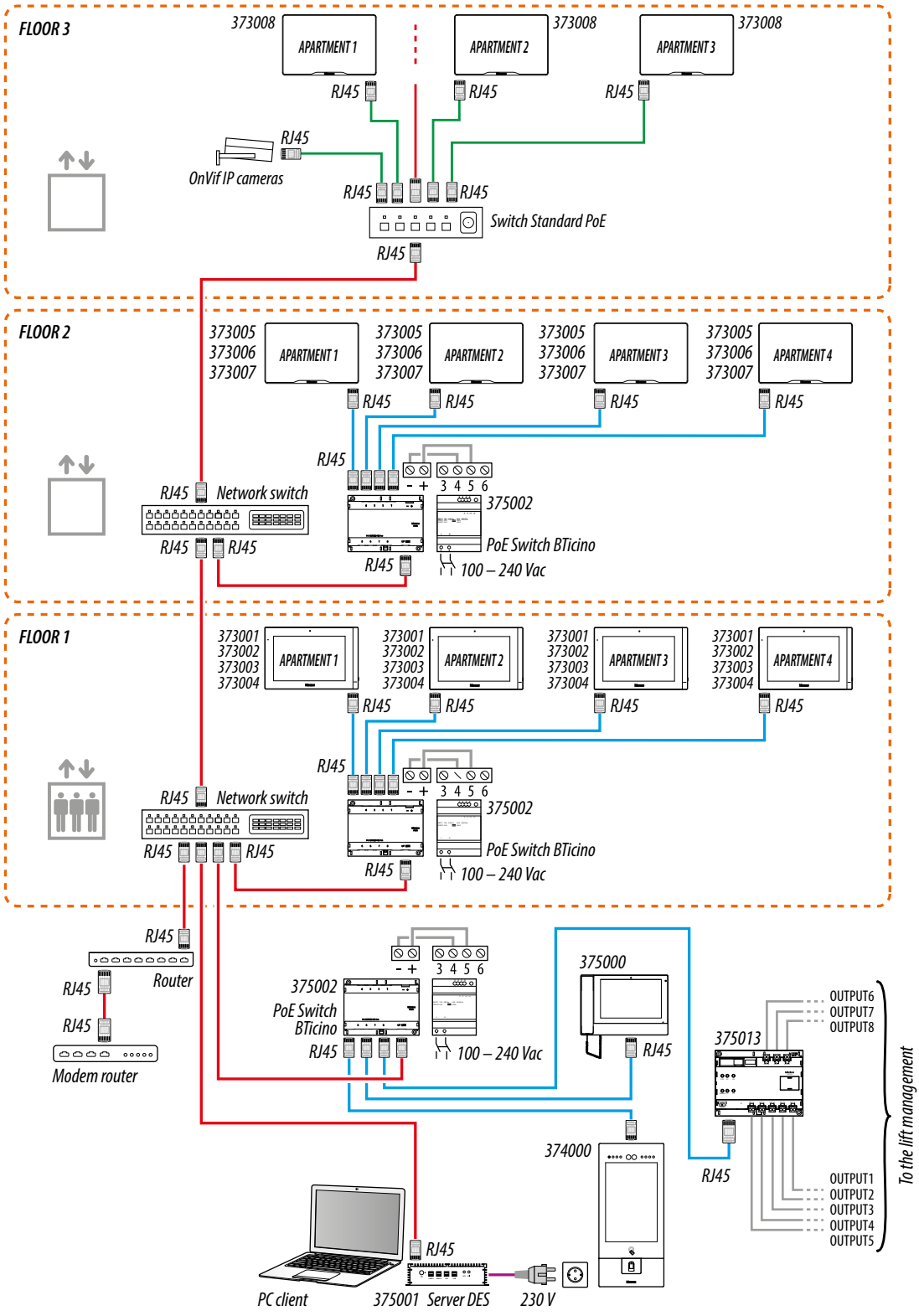
CABLES LEGEND	LAN PoE BTicino	LAN Ethernet	Copper cables



Attention: *check the installation precautions and notes*

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

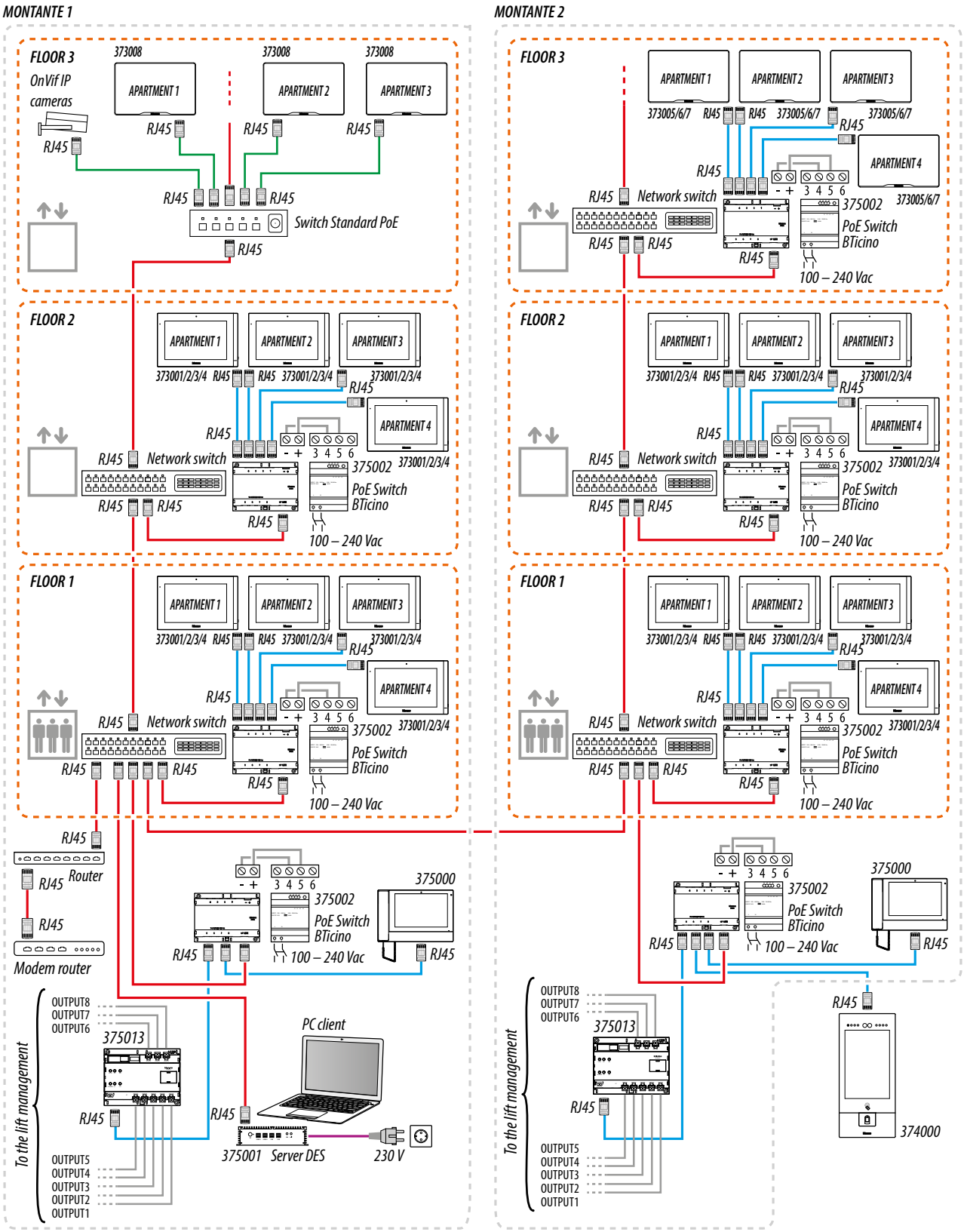
CABLES LEGEND	LAN PoE BTicino	LAN Ethernet	Copper cables



Attention: *check the installation precautions and notes*

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

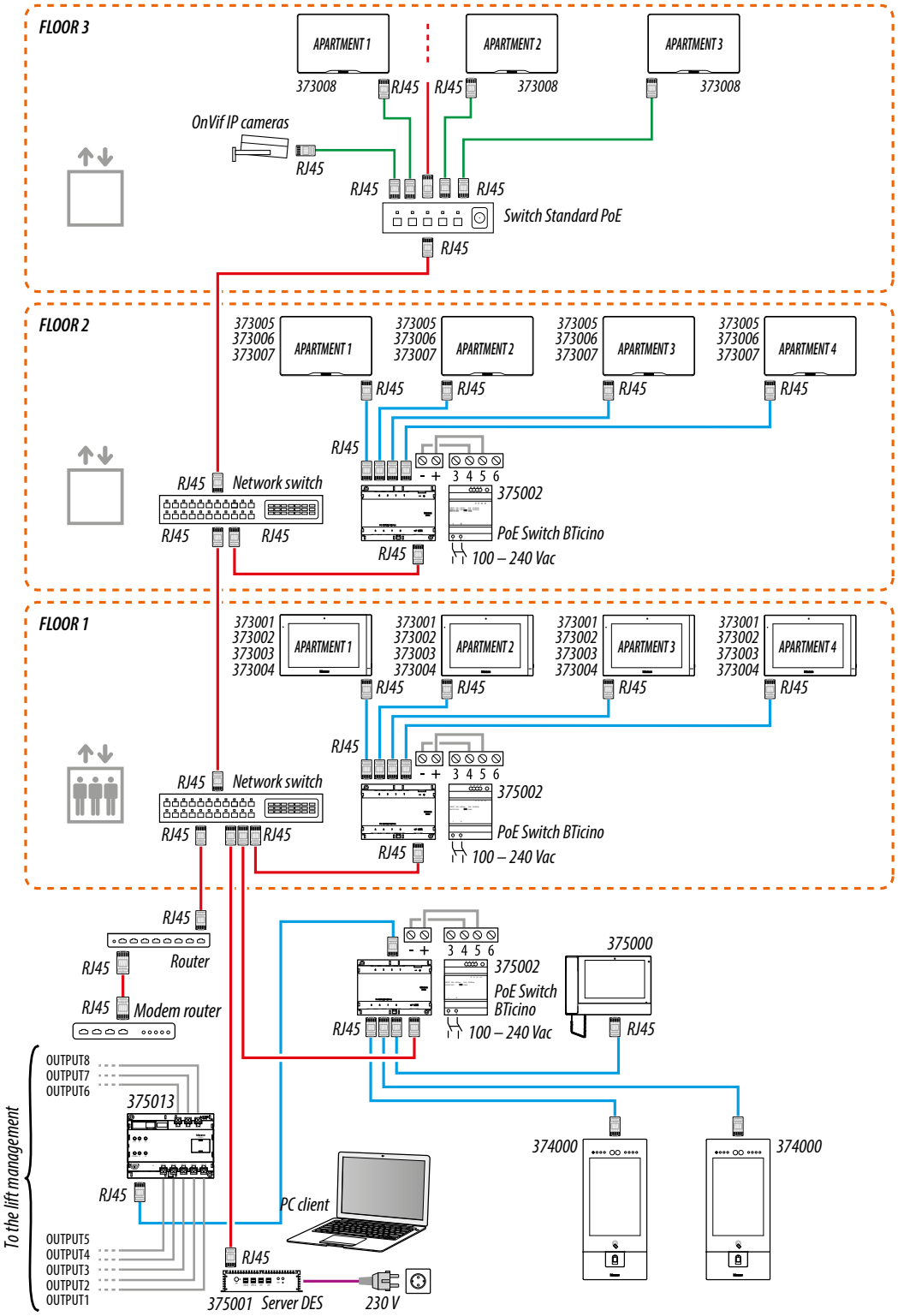
CABLES LEGEND | LAN PoE BTicino | LAN Ethernet | Copper cables



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

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

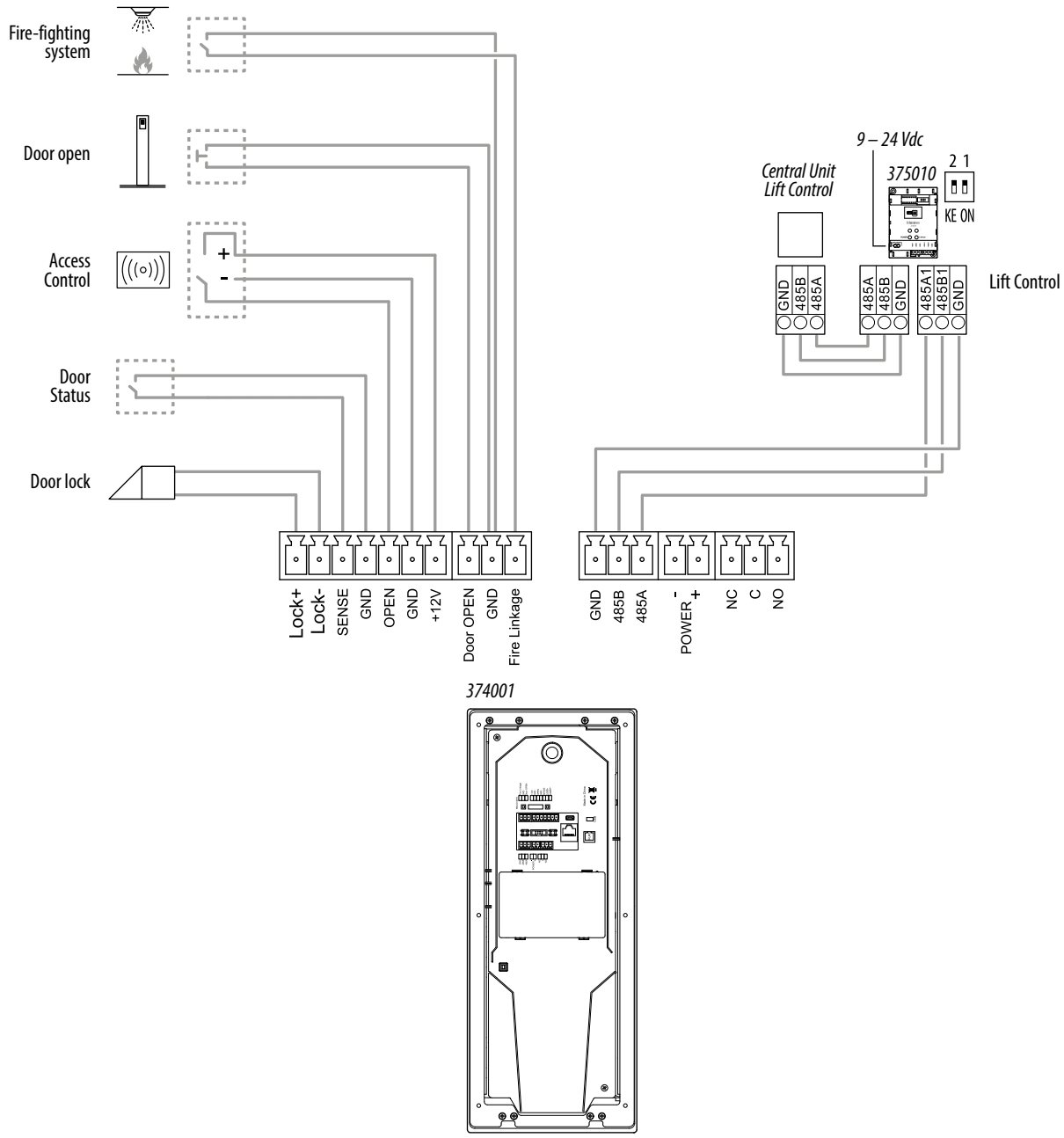
CABLES LEGEND	LAN PoE BTicino	LAN Ethernet	Copper cables



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

Available functions

CABLES LEGEND	LAN PoE BTicino	LAN Ethernet	Copper cables	2 x Copper cables



***Attention**: do not directly connect PoE ports to an unsuitable network interface, such as a device powered by a different voltage. Connect the UP LINK port to a suitable port, never to a PoE port.*

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

Use of the device

After installing the EP it is possible to:

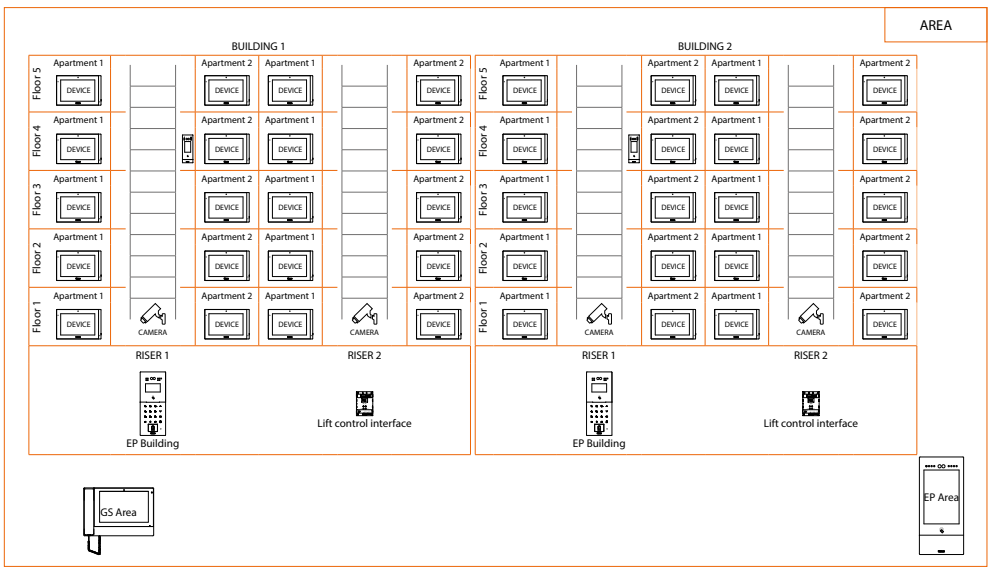
- Call a IU
- Call a GS
- Access using Access Code;
- Access using badge or card;
- Access using Face recognition;
- Access using Finger print;
- Set the advanced parameters

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 and systems connected to the device.
The Home Page, with all the functions enabled, is shown below.



A *Current date*

B *Current time*

C *Data field for call to IU*

D *Navigation keys*

E *Confirmation key*

F *GS call key*

G *Key for access via Access Code or access to configurations from device*

H *Data entry keys*

I *Back key*

Functions

Call a IU

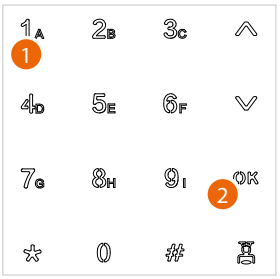
It is possible to call an IU in two ways:

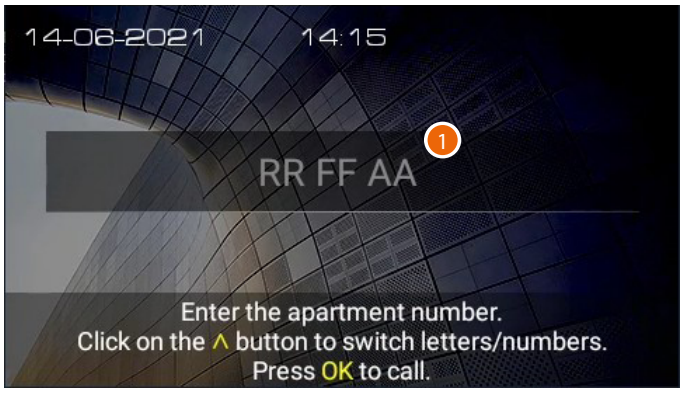
– Call using the address in the Community;

– Call using the Alias (alphanumeric code);

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

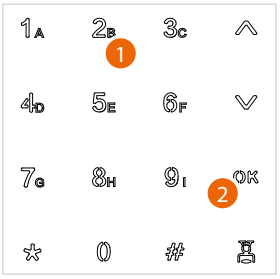


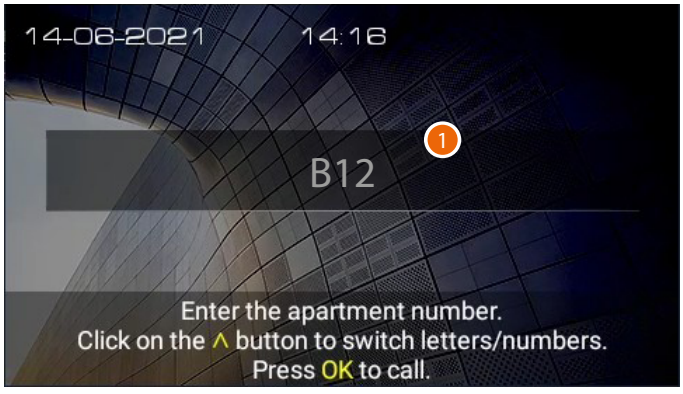


1. Enter the address in the IU Community, the device helps you by showing the fields to be entered (e.g. 01 04 02)
2. Touch to send the call

Call using the Alias (alphanumeric code)

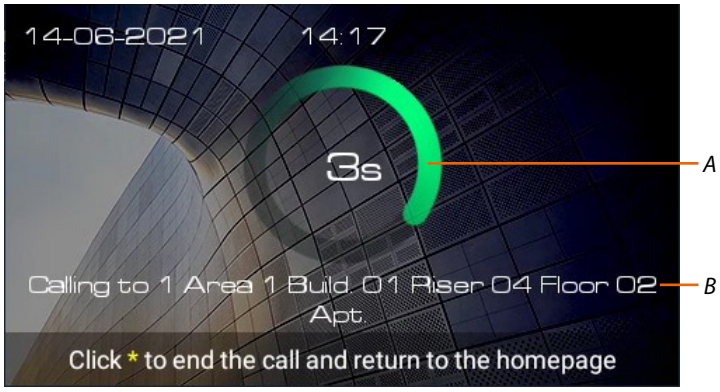
Touch ^ to change the type of keypad (numbers/letters)





1. Enter the alphanumeric code created using the DES Server software (e.g. B12)
2. Touch to send the call

***Note**: in the alphanumeric mode, the default code corresponds to the address in the Community as long as the SW has not altered it in the AB*

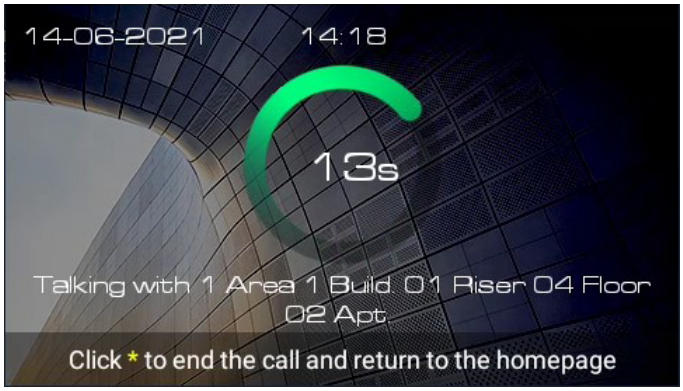


A Call duration

*B Address in the IU Community**

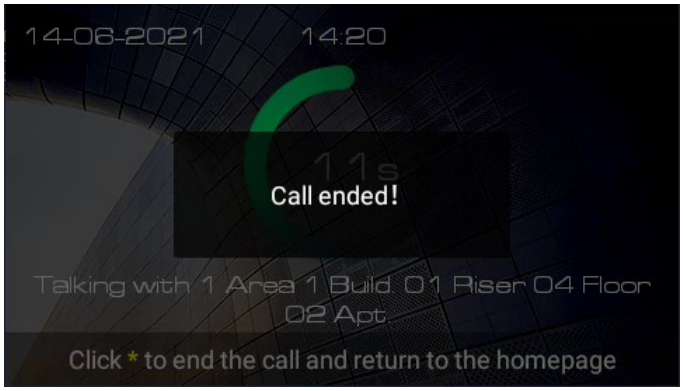
***Note**: the caller display depends on how the community has been configured using the software. For details see Fundamental concepts*





3. Touch to end the call

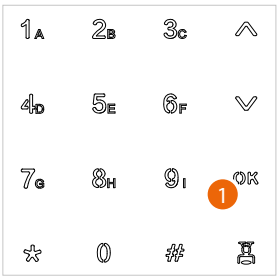
When the IU does not answer a message can be recorded (see Answering machine)

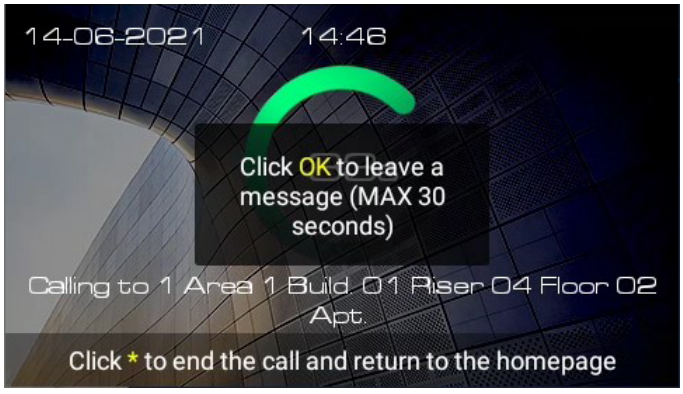


A message indicates that the call is ended

Answering machine

If the IU does not answer within 30 seconds, it is possible to leave a message.

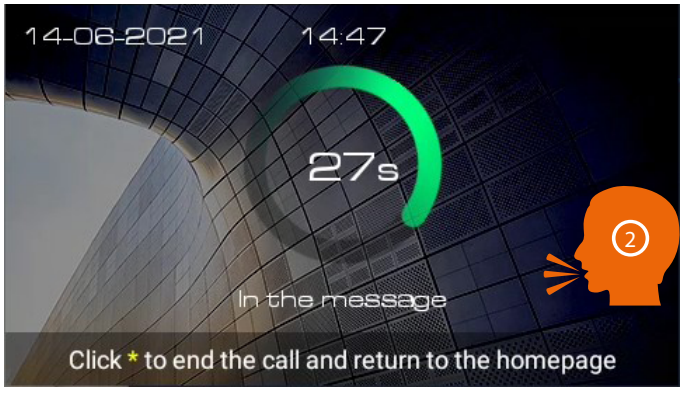




If the IU does not answer within 30 seconds, a message appears

1. Touch to record the message





2. You have 30 seconds to leave a message.
   The IU will receive a voice message
3. Touch to end

Messages and advertising

When messages are sent to the community via SW, the device displays them when the screen saver is activated.

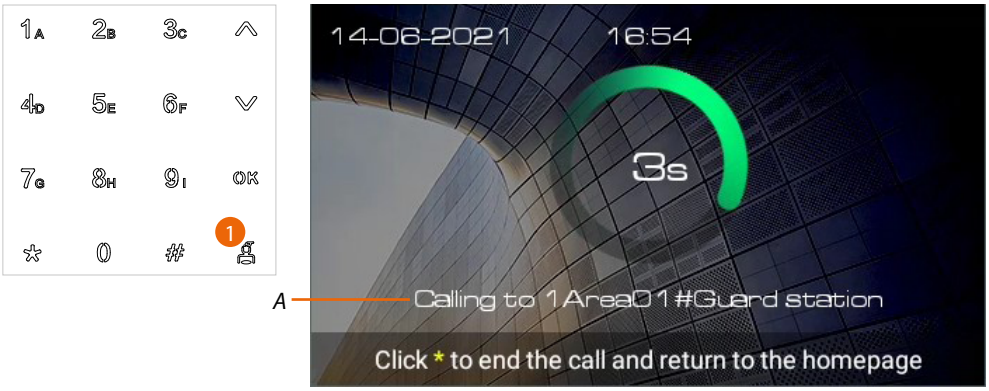
Community message	messages coming from the GS
Emergency notification	emergency messages, coming from the system manager



Messages displayed as screen saver

Call a GS

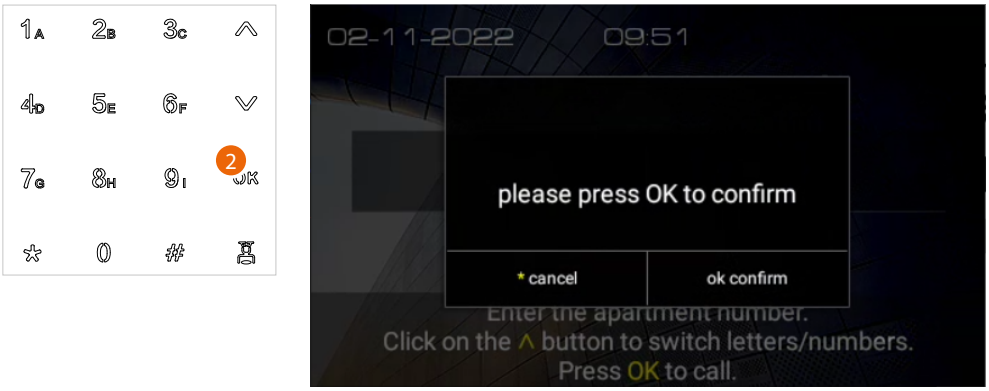
This function allows to call the reference GS set in the Settings/Guard station section



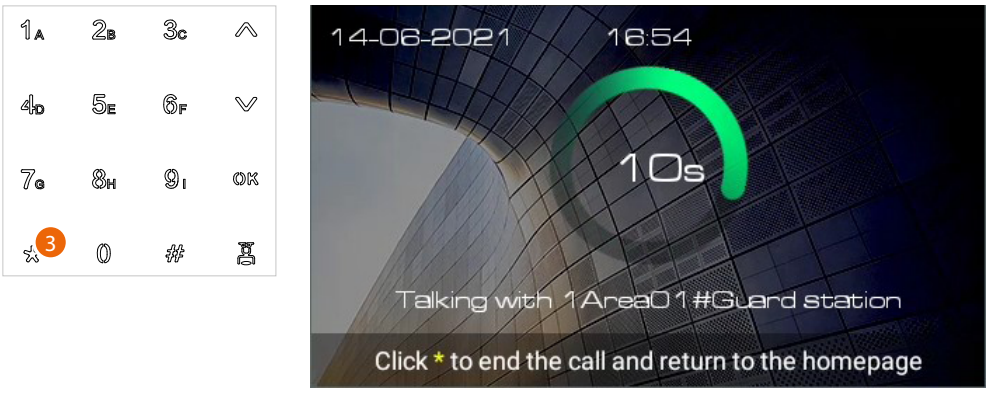
1. Touch to call the GS

*A GS address**

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



2. Touch to confirm



3. Touch to end the call

Accesses

It is possible to access the building in different ways:

Access code	Access by entering a local code, an apartment personal code* or a panic code
Key card	Access using a badge or card configured with SW
Face recognition	Access by face recognition. Need to record the face using SW (only for item 374000)
Finger print	Access by fingerprint recognition. Need to record the fingerprint using SW (only for item 374000)

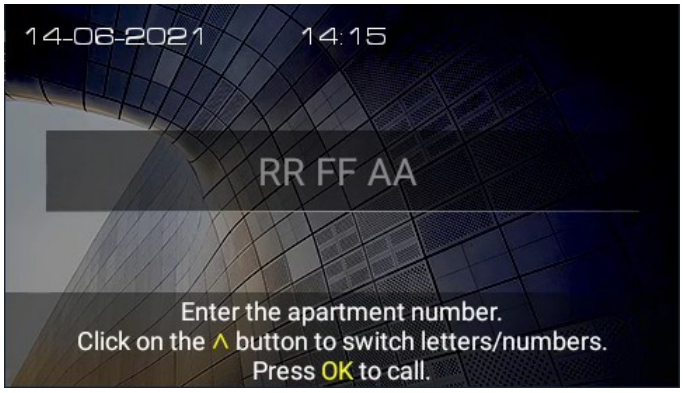
**Correct operation requires the configuration of the code from the IU and a resident associated with the apartment in the SW (see SW Community/Person profile management)*

***Note**: If the system is set up to manage the lift control function (only with interface 375010), opening the gate will also activate at the same time the configured lift call function.*

Access using Access Code

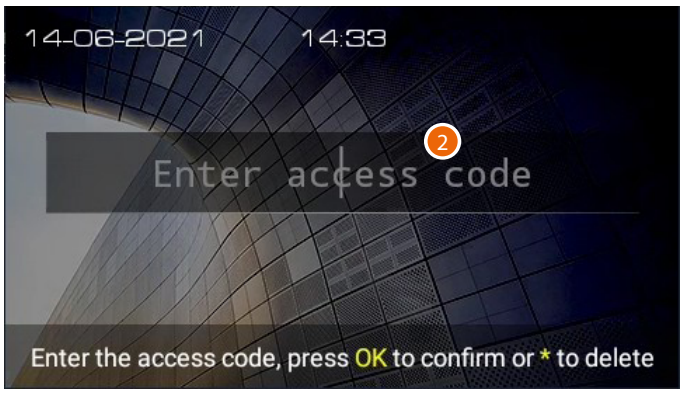
Using this function it is possible to access the building by typing an Access code.
The Access Code is set in the Installation\Access code\Local section





1. Touch to enter the code





2. Enter the local access code (ask the plant manager for your code, available in the device parameters section of the SW) or the personal access code or panic code
3. Touch to confirm

Personal access code opens the last EP of my community, i.e. the EP closest to the apartment, chosen from those to which I have access.
Example: if they are enabled to all the accesses (complete Area/Building/Riser/Floor/Apartment structure) I open the Apartment EP.
This code does not work on community/area/building EPs
Panic access code: opens the door and at the same time sends an alarm message to the guard station.
Example: if a criminal forces me to forcibly open the door
The local access code opens community EPs, with the exception of apartment SEPs and EPs

***Note**: for safety reasons, modify the code.*

***Note**: to activate the code, there must be a resident associated with the apartment in the SW (see SW manual)*



Beeps and visual warnings will confirm that the code has been recognised and the door lock will open.

Access using badge or card

Using this function you can access the building using a badge or a card.
To use this function, the badge or card must be saved in the system via SW.



1. Move the badge or card on the reader

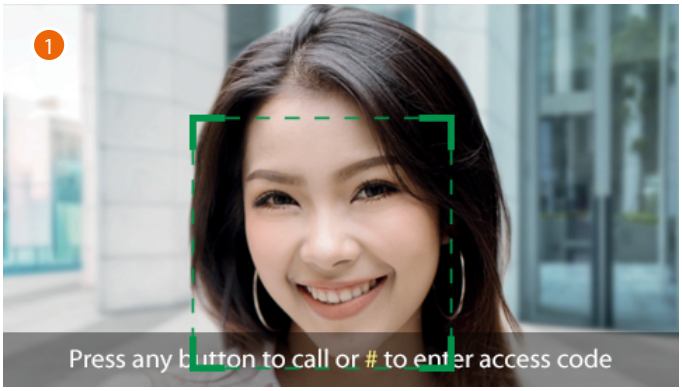


Beeps will confirm that the badge/card has been recognised and the door lock will open.

Access by Face recognition

Using this function, the EP camera will recognise your face and you can enter the building automatically without entering a code.
To use this function, your face must be saved in the system via SW.

***Attention**: to use this function, do not disable the proximity sensor; see Setting/proximity sensor*



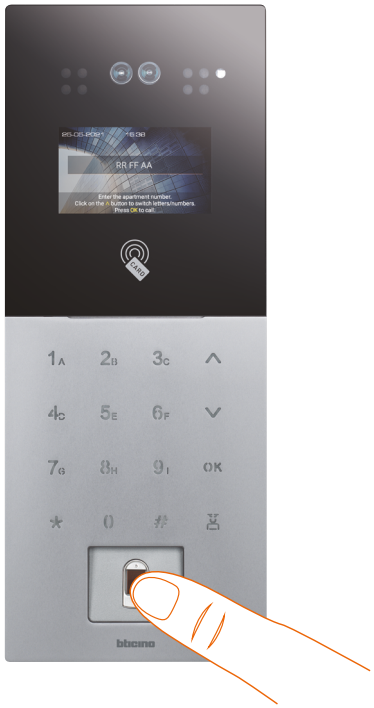
1. Position yourself so that the camera can frame your face and the system activates the recognition process.



Beeps will confirm that the face has been recognised and the door lock will open.

Access by Fingerprint recognition

Using this function, the fingerprint reader will recognise your fingerprint and you can enter the building automatically without entering a code.
To use this function, your fingerprint must be saved in the system via SW.



1. Position your finger in contact with the fingerprint reader

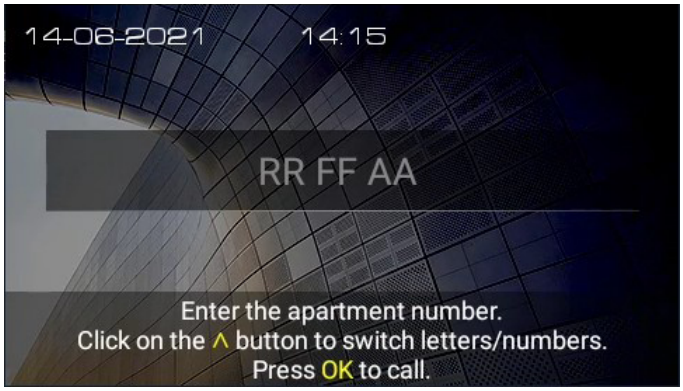


A beep will confirm the correct recognition of the fingerprint and the door lock will open.

Configurations using the device (Settings)

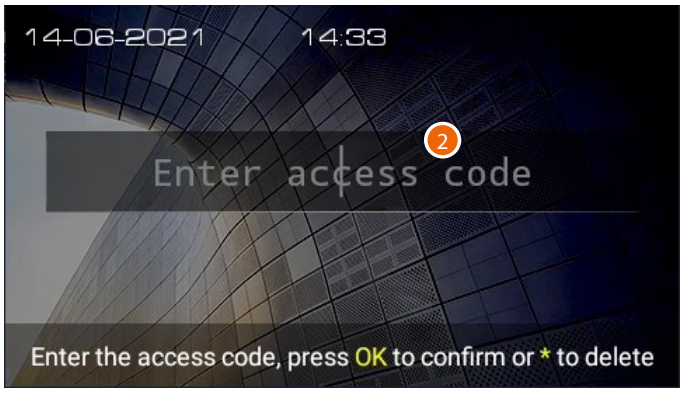
In this section, it is possible to perform a wide range of configurations that will enable you to make the most of your EP.
Access to this section is protected by an installer password which can be set by the software





1. Touch to access the Settings section



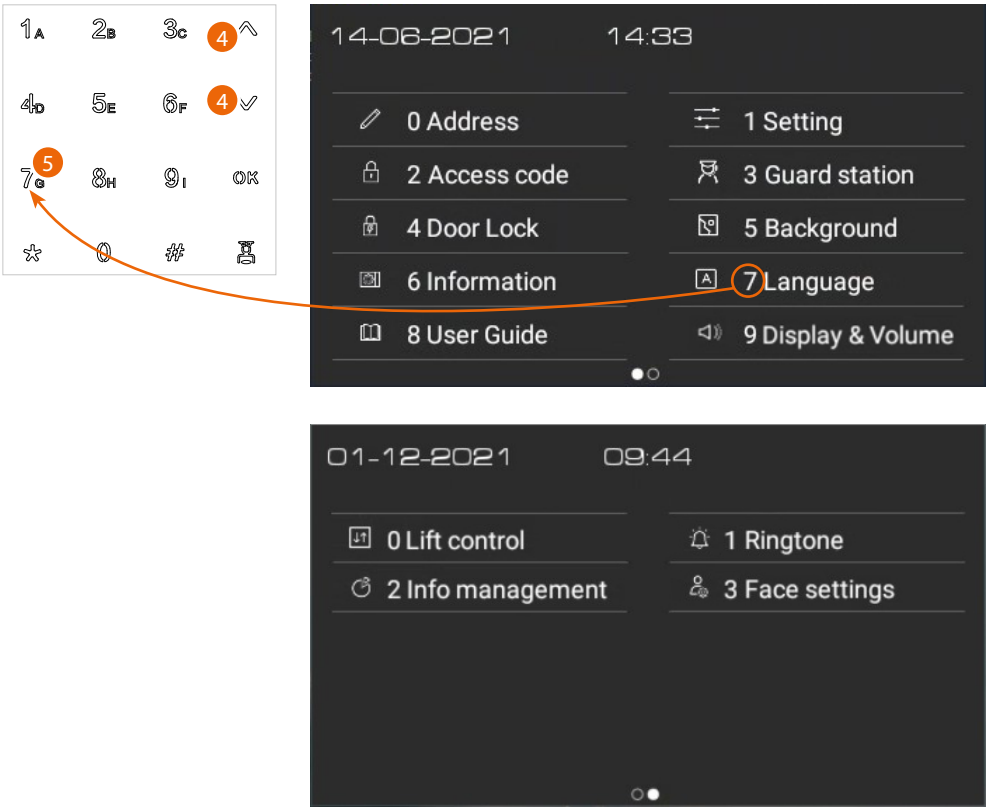


2. Enter the installer password to access the configuration section (ask the plant manager for your password, available in the device parameters section of the SW)

***Caution**: Save 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)*

3. Touch to confirm



4. Touch to scroll the items and touch OK to confirm

   or

5. Touch the number corresponding to the item that you want to select (e.g. 7)
6. Touch ⩒ to scroll from one page to another

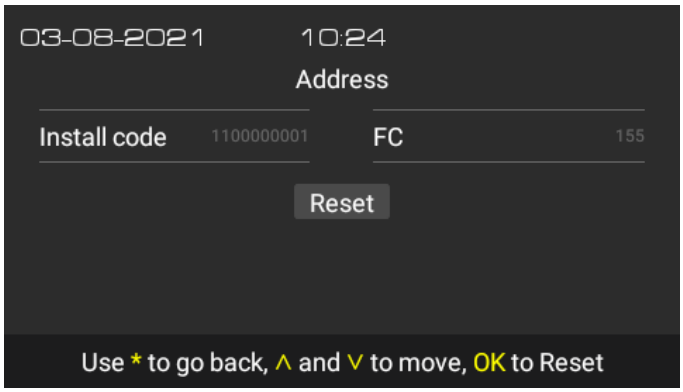
	Address	It displays various device parameters and performs the reset command
	Setting	It enables different functions
	Access code	It sets the menu access installer password Settings and local access Code to open the gate
	Guard station	It sets the EP reference GS
	Door lock	It sets different parameters of the EP door lock
	Background	It sets the interface background
	Information	It displays different information on the device
	Language	It sets the interface language
	User guide	It displays the QR code to download the manual
	Display & Volume	It sets some display parameters and the ringtone volume

	Lift control	It sets the Lift control system parameters
	Ringtone	It displays the ringtones
	Info management	It displays information about messages in progress
	Face settings	It sets the parameters for the Face Recognition

Address

In this section, it is possible to display the different device parameters.
It is also possible to restore the factory settings of the device.



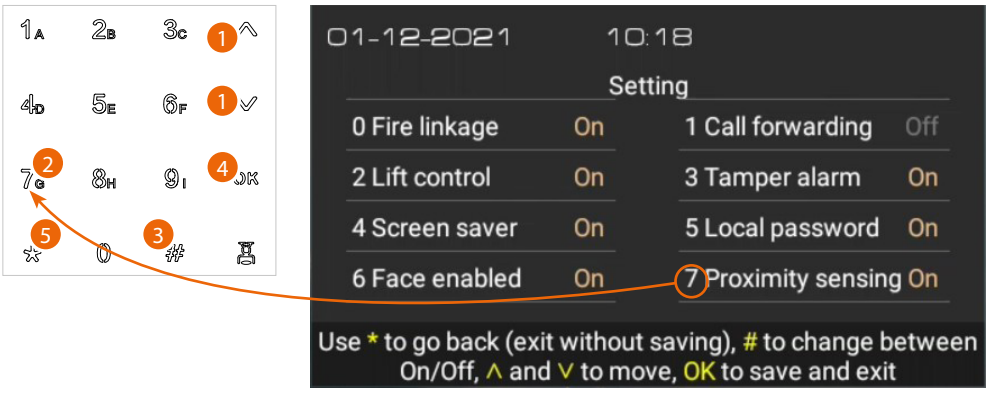


1. Touch to reset the device

***Warning**: after confirmation, all customisations will be deleted and the parameters will be restored to factory values*

Setting

In this section it is possible to enable different types of functions.



1. Touch to scroll through the items and touch # to enable/disable the selected feature

   or

2. Touch the number corresponding to the item that you want to select (e.g. 7)
3. Touch to activate/deactivate the selected function
4. Touch to save the settings and exit

   or

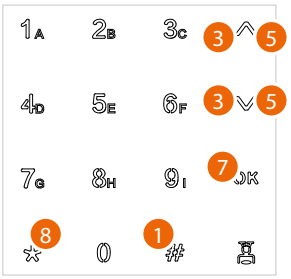
5. Touch to return to the Home Page without saving the settings

Fire linkage	It enables the Fire-fighting function
Lift control	It enables the Lift control
Screen saver	It enables the screen saver
Face enabled	It enables the Face Recognition
Call forwarding	It enables the call forwarding to the GS
Tamper alarm	It enables the EP tamper alarm, to protect the EP from removal by intruders
Local password	It enables the customised code to activate automatically the display and its functions
Proximity sensing	It enables the proximity sensor to access automatically

Access code

In this section it is possible to set the installer password to access the Settings menu and the access Code to enter the building

Settings



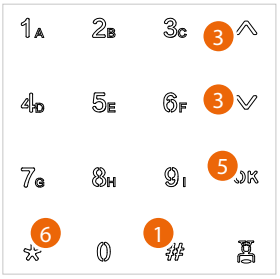


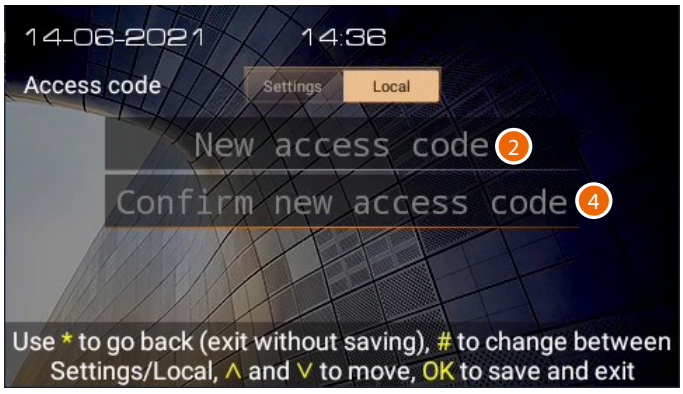
1. Touch # to choose "Settings" or "Local"
2. Enter the old installer password
3. Touch to move to the next field
4. Enter the new installer password
5. Touch to move to the next field
6. Enter the new installer password again to confirm
7. Touch to save the settings and exit

   or
8. Touch to return to the Home Page without saving the settings

Local

Note: *This entry does not appear if the device is installed as an apartment EP*



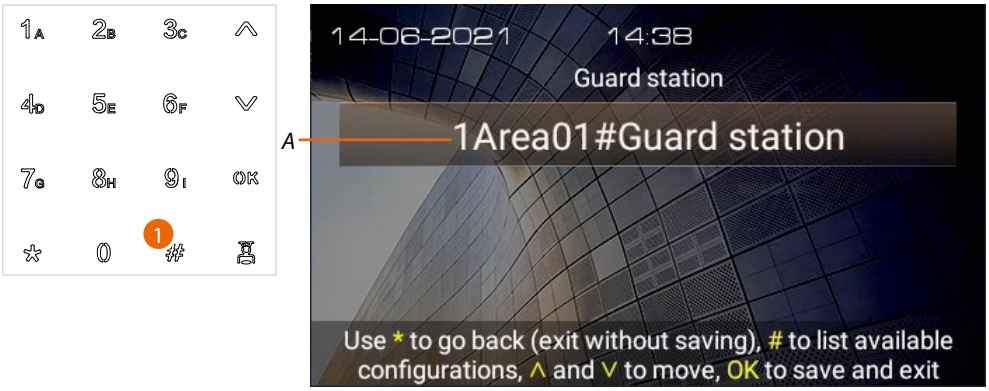


1. Touch # to choose "Settings" or "Local"
2. Enter the new code (6 digits)
3. Touch to move to the next field
4. Enter the new code again to confirm
5. Touch to save the settings and exit

   or
6. Touch to return to the Home Page without saving the settings

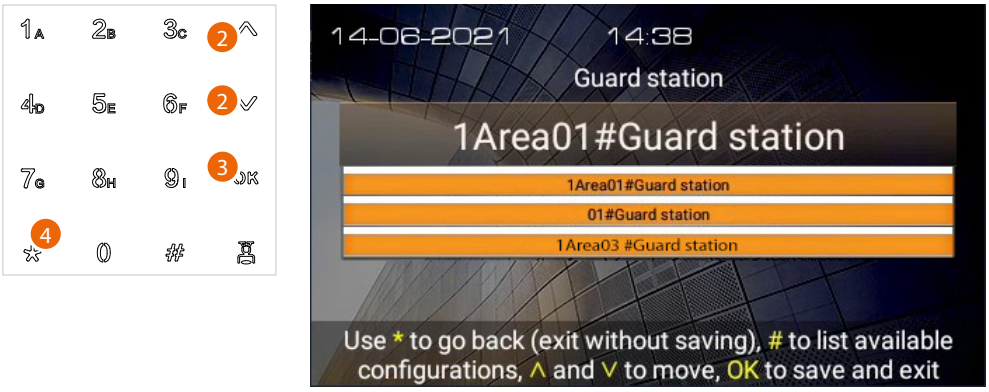
Guard station

In this section it is possible to set the EP reference GS
The reference GS intercepts and manages the calls to the IU or anyone called directly by pressing the key (see the Call a GS section)



A Address of the current reference GS

1. Touch to modify the reference GS



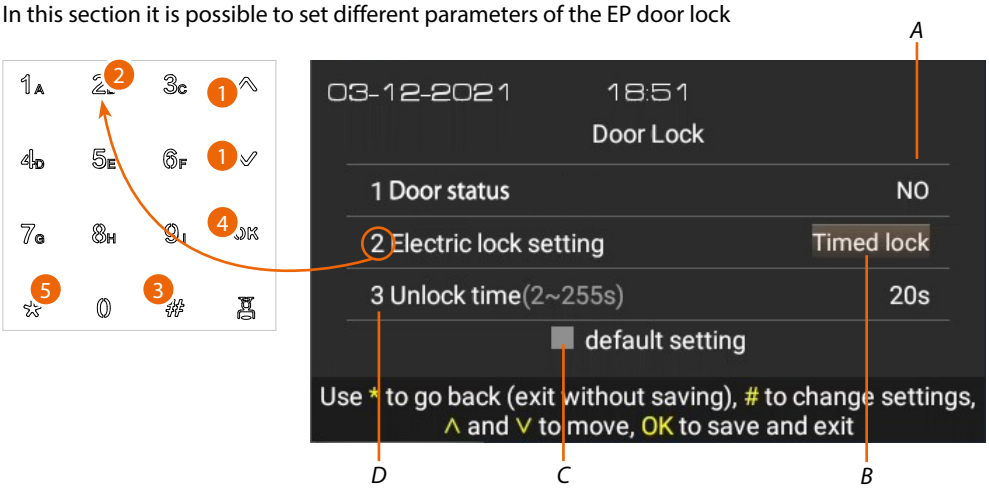
2. Touch to select the new GS
3. Touch to save the settings and exit

   or

4. Touch to return to the Home Page without saving the settings

Door lock

In this section it is possible to set different parameters of the EP door lock



A Door Status
The Door Status function allows to receive door status notifications, and therefore a warning when the door is left open.
To use this function, a clean contact in the GND SENSE input clamp is required.
It sets a door status alarm:
NO = sends an alarm when the contact remains open for more than 2 minutes
NC = sends an alarm when the contact remains closed for more than 2 minutes
Not used = never sends alarm
The alarm is displayed on both the SSDES and GS

B Electric lock setting
The lock connected to the Lock+ / Lock- clamps can be controlled using pulse commands
or
The lock connected to the Lock+ / Lock- clamps can be controlled using timed commands

C It restores the factory settings

D Unlock time
if point B is set on Timed mod, set the contact activation time in seconds

1. Touch to scroll through the items and touch # to enable/disable the selected feature

   or

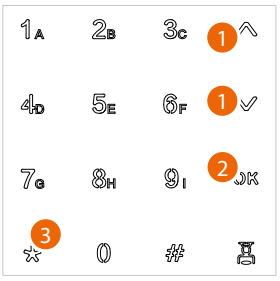
2. Touch the number corresponding to the item that you want to select (e.g. 2)
3. Touch to activate/deactivate the selected function
4. Touch to save the settings and exit

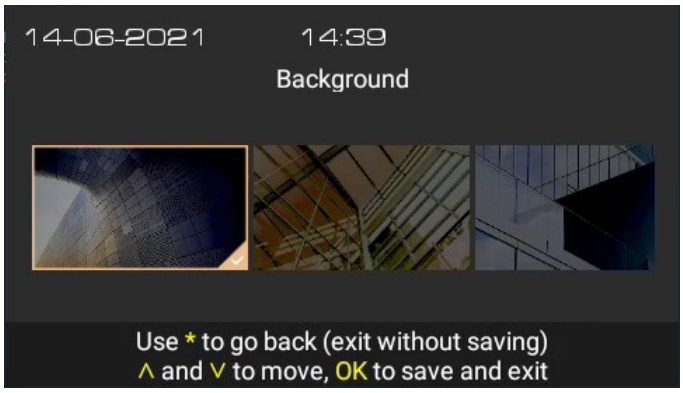
   or

5. Touch to return to the Home Page without saving the settings

Background

In this section it is possible to set the interface background





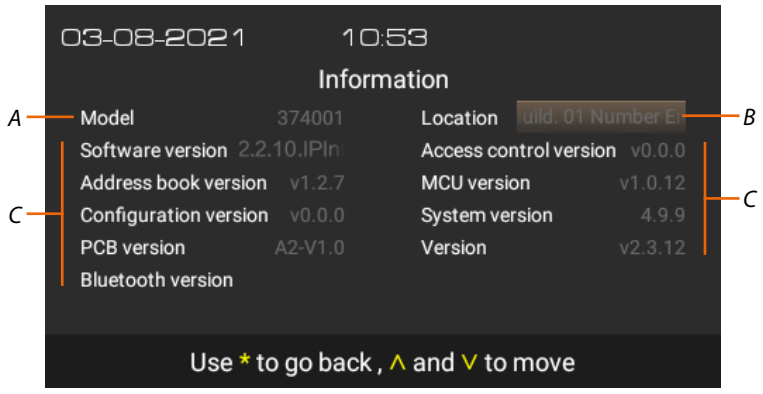
1. Touch to select the background
2. Touch to save the settings and exit

   or
3. Touch to return to the Home Page without saving the settings

***Note**: it is possible to select other backgrounds or create new ones using the SW*

Information

In this section it is possible to display different information on the device



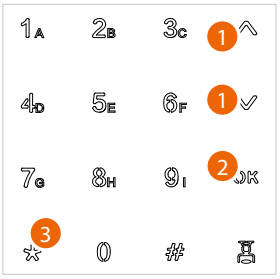
A Item code

B Device address in the Community

D Versions of the different device components

Language

In this section it is possible to set the interface language





1. Touch to select the language
2. Touch to save the settings and exit

   or
3. Touch to return to the Home Page without saving the settings

User guide

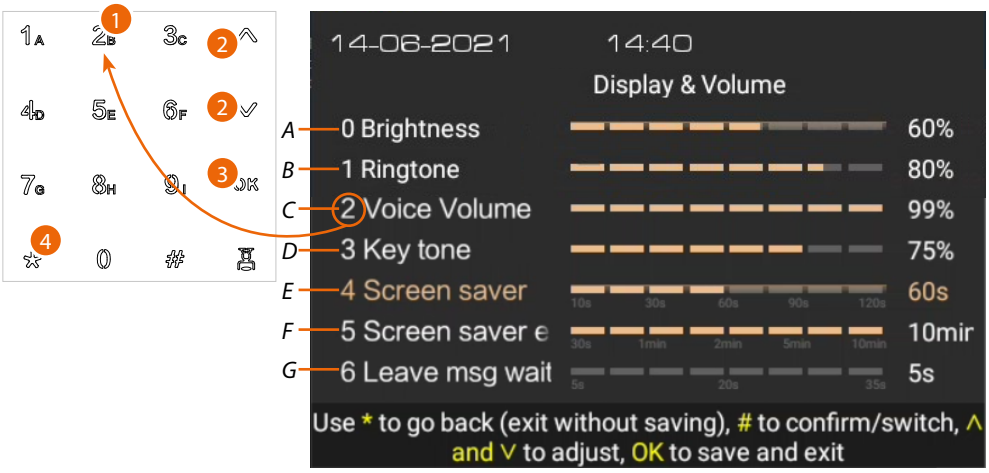
In this section it is possible to download this manual using the QR code



1. Using a smartphone, scan the QR Code
2. Search for the 374001 374003 code
3. Download the manual

Display & Volume

In this section it is possible to set some display parameters and adjust the ringtone volume



A It adjusts the brightness (backlighting)

B It adjusts the ringtone volume

C It adjusts the call volume

D It adjusts the tone volume when a key is pressed

E It adjusts the screen saver activation time

F It adjusts the activation time of the display switch off

G Set the time within which it will be possible to leave a message in the answering machine. This time is connected with the ringing time (default 35 seconds). E.G.: if the time is set to 5 seconds, the ringing time will be 30 seconds.

1. Touch the number corresponding to the item that you want to select (e.g. 2)
2. Touch to adjust the parameters
3. Touch to save the settings and exit

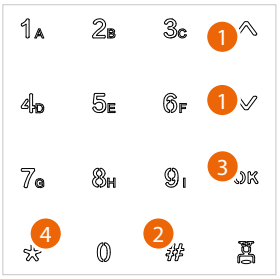
   or

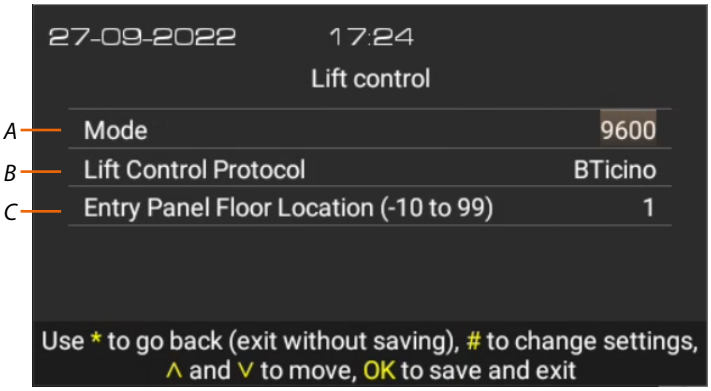
4. Touch to return to the Home Page without saving the settings

Lift control

In this section it is possible to set some Lift Control system parameters

Master mode





A Set if the EP is Master (9600 or 115200), i.e. directly connected with the lift interface via RS485 (for interface 375010 select 9600)

B Select the brand

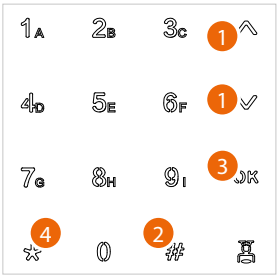
C Select the floor where the EP is located

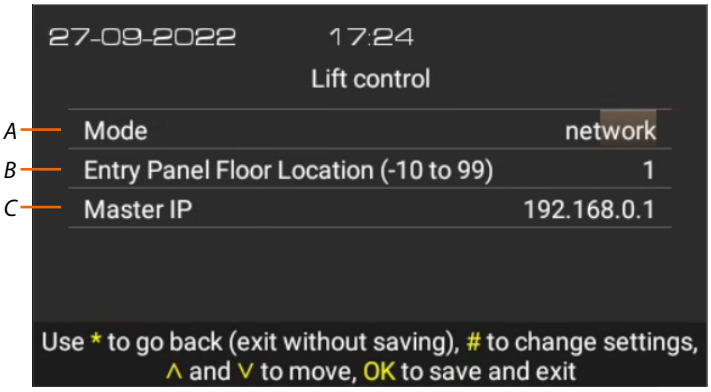
1. Touch to scroll the items
2. Touch to change the selected function
3. Touch to save the settings and exit

   or

4. Touch to return to the Home Page without saving the settings

Slave mode





A Set if the EP is Slave EP, i.e. not directly connected with the lift interface via RS485 but uses another EP as gateway

B Select the floor where the EP is located

C Enter the IP address of the Master EP (only if EP is slave)

1. Touch to scroll the items
2. Touch to change the selected function
3. Touch to save the settings and exit

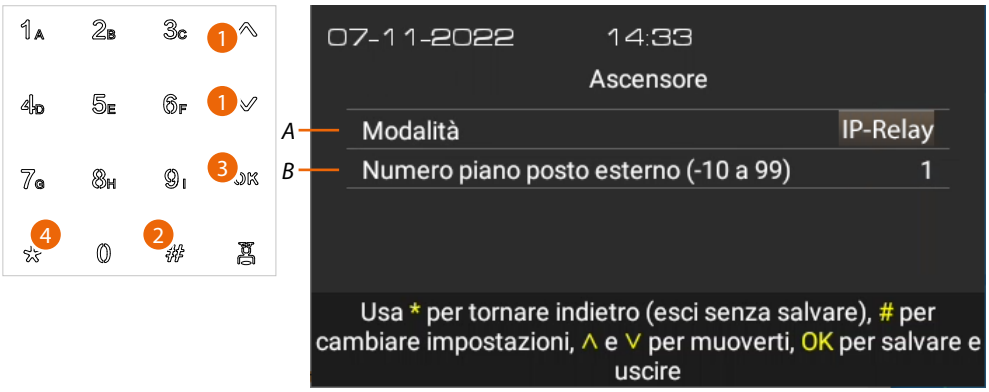
   or

4. Touch to return to the Home Page without saving the settings

It is possible to display some wiring diagram examples in the Example diagrams/lift control section

For more information, see the «Lift Control Interface item 375010 software manual»

IP-Relay mode



A Set if a lift control interface 375013 is used

B Select the floor where the EP is located

1. Touch to scroll the items
2. Touch to change the selected function
3. Touch to save the settings and exit

   or

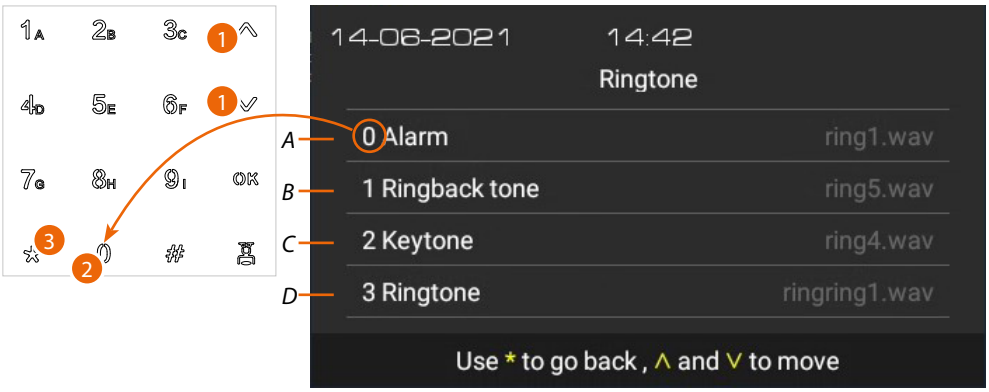
4. Touch to return to the Home Page without saving the settings

It is possible to display some wiring diagram examples in the Lift control section

For more information on the use with interface 375013 see "IP DES SYSTEM software manual".

Ringtone

In this section it is possible to display and listen to the tones associated to the different types of ringtones or other



A Alarm tone

B Call in progress tone (ringback)

C Confirmation key tone

D Ringtone not used (future use)

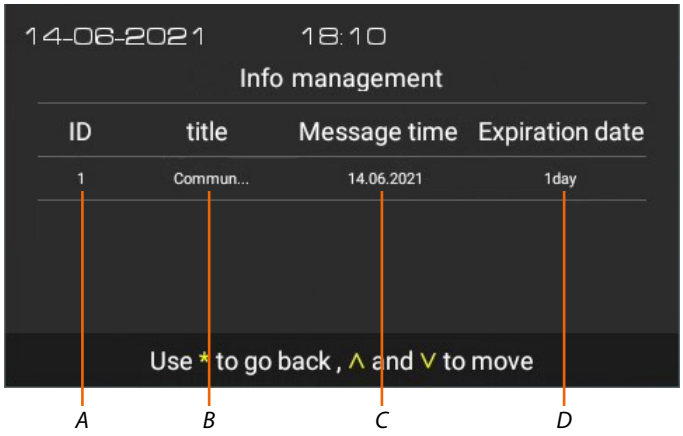
1. Touch to scroll through the items and listen to the various tunes

   or

2. Touch the number corresponding to the item that you want to select (e.g. 0) to listen to the tune
3. Touch to return to the Home Page

Info management

In this section it is possible to display the information about messages in progress



A Message availability time (expiration date)

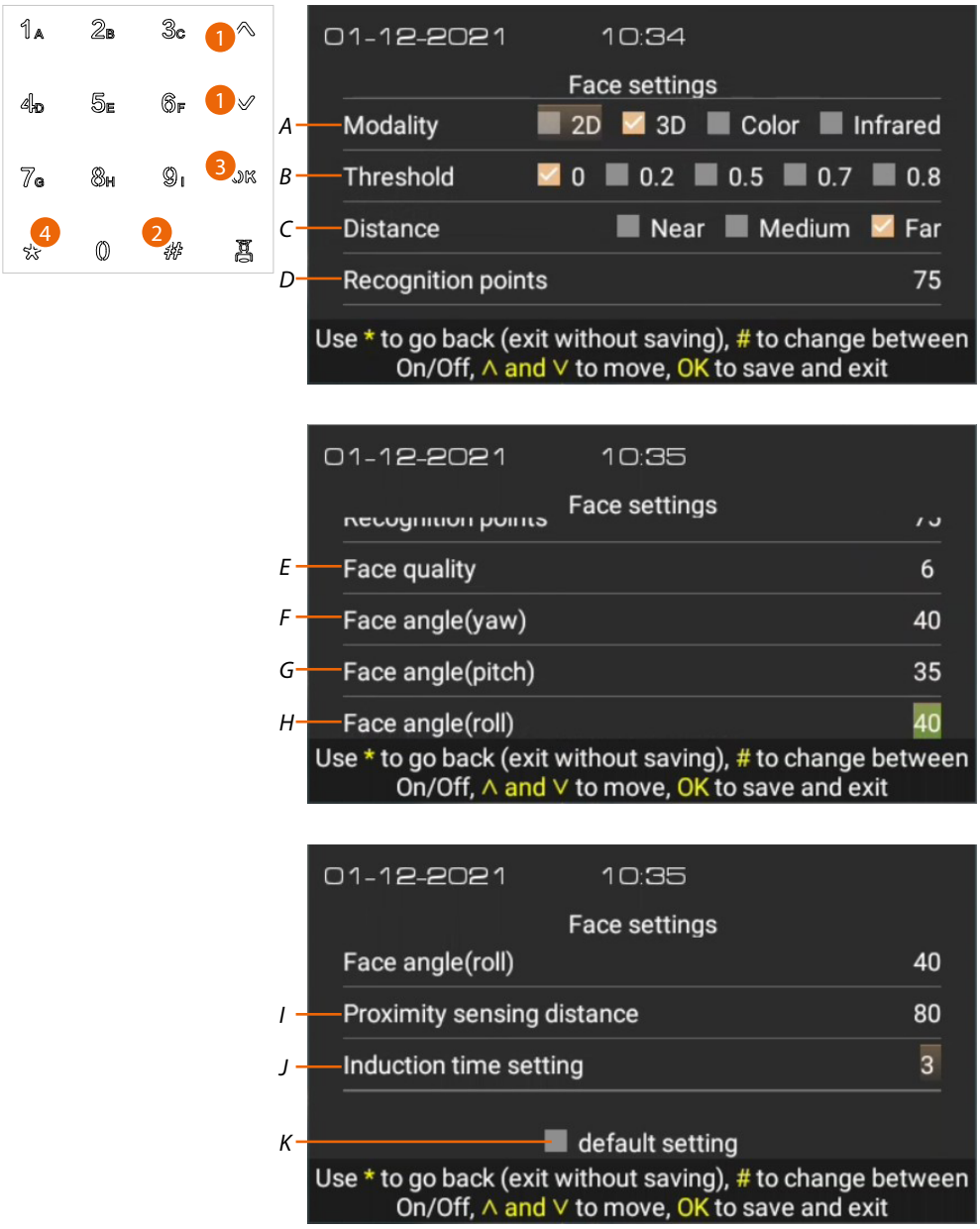
B Time of message appearance

C Message title

D Number of the message (ID)

Face settings

In this section it is possible to set some Face Recognition parameters



A Camera operating modes:
***2D** - in this mode, the depth of the image is not checked, and so showing a photograph opens the EP lock*
***3D** - in this mode, the depth of the image is checked, so recognition is only confirmed if someone is in front of the EP (DEFAULT)*
***Colour** - in this mode, the face is only checked by the colour camera (DAY)*
***Infrared** - in this mode, the face is only checked by the infrared camera (NIGHT)*

*B *Sets the level of face recognition accuracy and therefore the degree of security.*
0= lower level of accuracy and security
0.8= higher level of accuracy and security (higher possibility of failed recognitions)

C Set the distance for the face recognition

D Enter the number of recognition points to accept the face

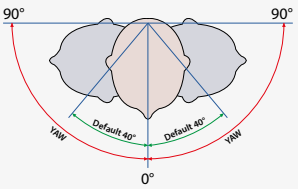
E Enter the minimum image quality to accept the recognition

F **Maximum angle of face rotation (left/right in relation to the frontal position), for which facial recognition is performed.*
If the rotation is greater, the face is not recognised.

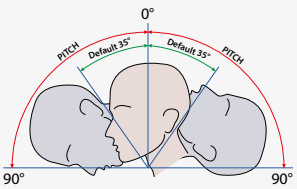
G **Maximum angle of face inclination (left/right in relation to the frontal position), for which facial recognition is performed.*
If the inclination is greater, the face is not recognised.

H **Maximum angle of face inclination (up/down in relation to the frontal position), for which the facial recognition is performed.*
If the inclination is greater, the face is not recognised.

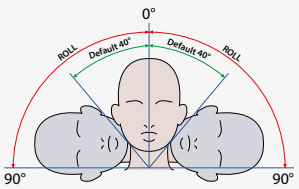
YAW (*F*)



PITCH (*G*)



ROLL (*H*)



I *Enter the distance from the proximity to activate the recognition function*

J *Enter the time from when the Home Page appears to when the Face recognition function starts*
During the face recognition, any other operation is inhibited, even the call.
This time is important if the Face recognition is unsuccessful. You must thus set a time which is long enough for you to be able to call the IU before the Face recognition function reactivates.

K *Restore the factory settings*

1. Touch to select the function
2. Touch to modify the selected function
3. Touch to save the settings and exit

   or

4. Touch to return to the Home Page without saving the settings

***Note**: Only change these parameters if absolutely necessary*

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