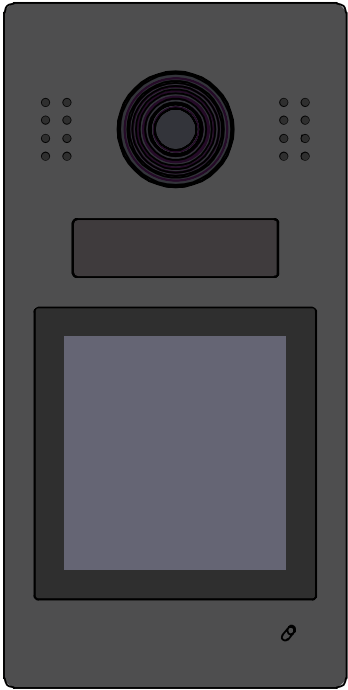


XENTRY

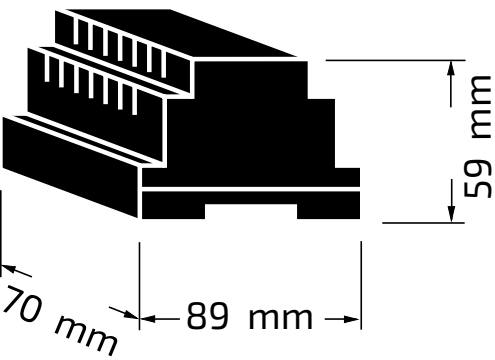
1XN500

1x



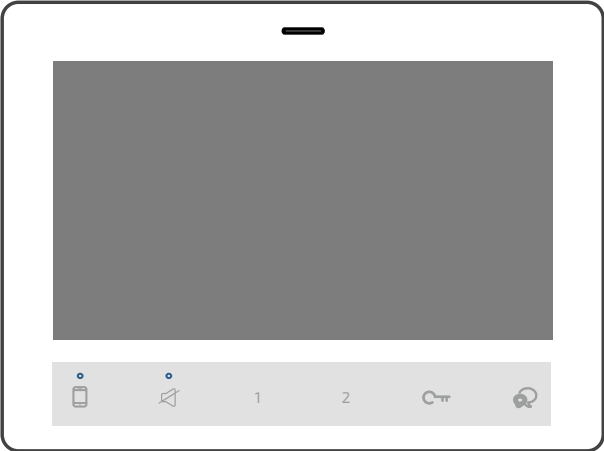
XN500

1x



PRSXN

1x



XN700

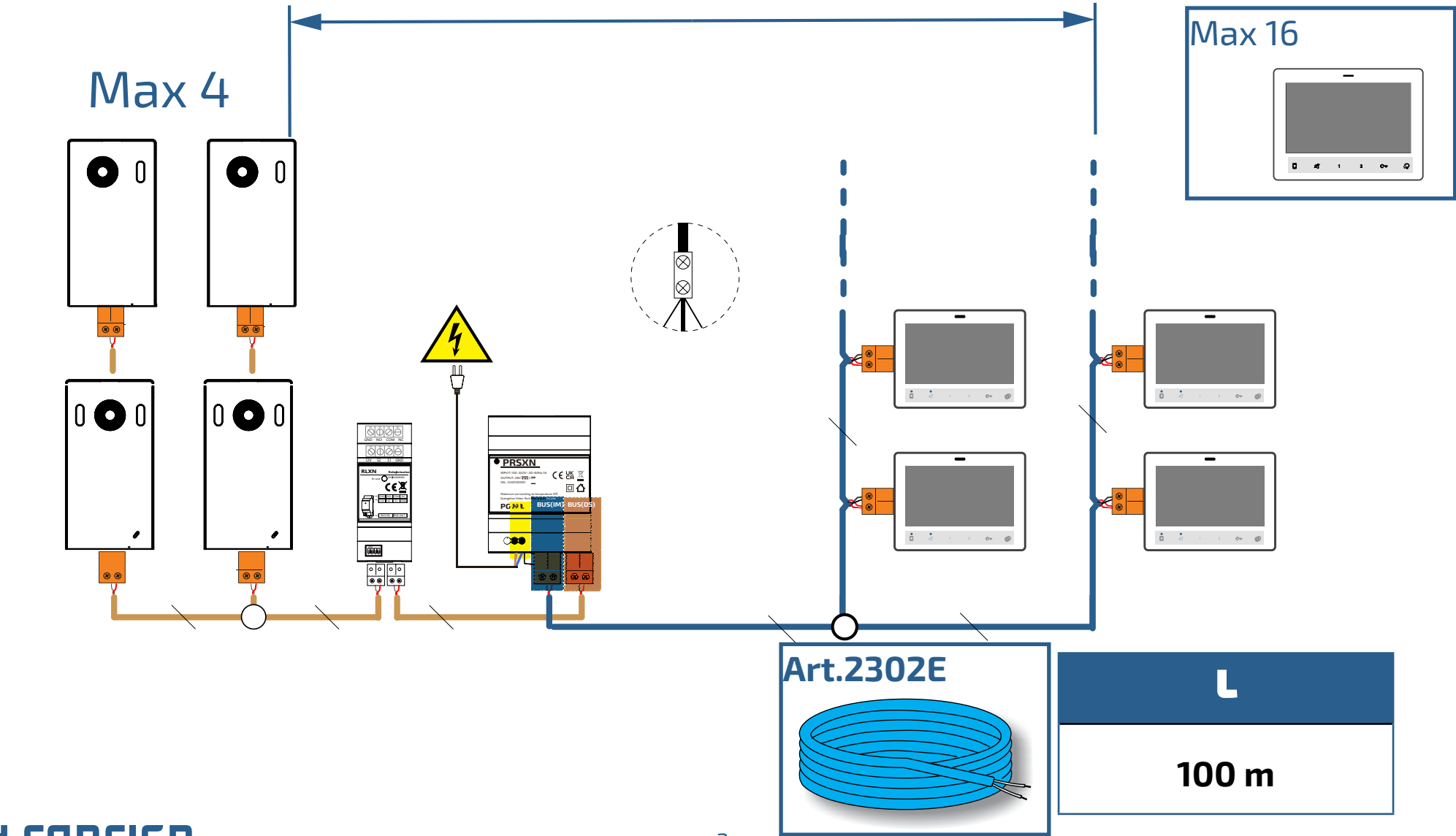
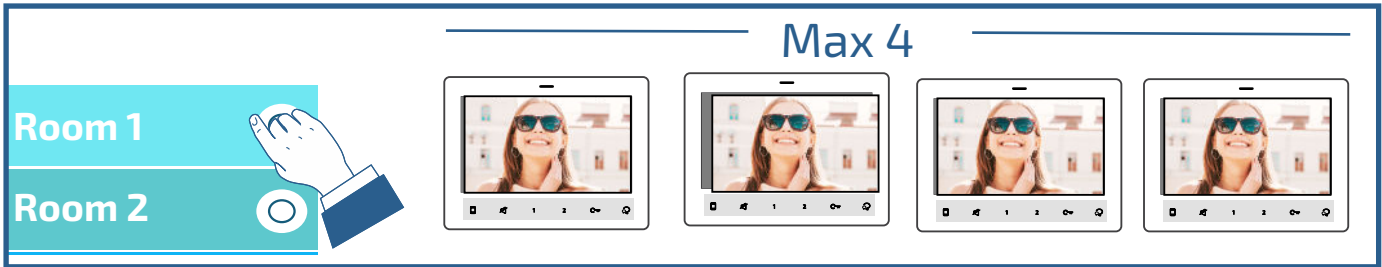
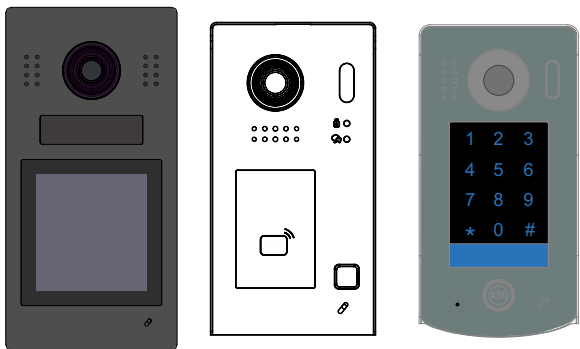
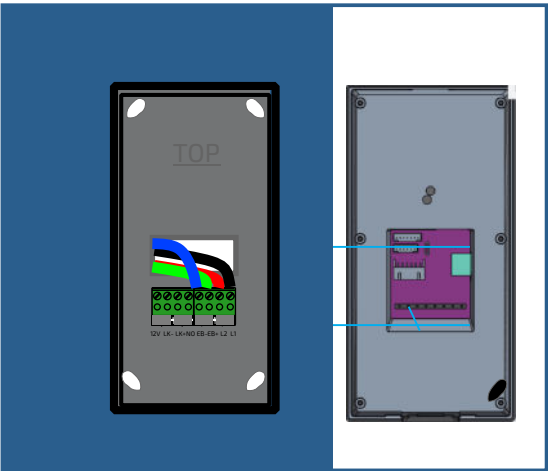
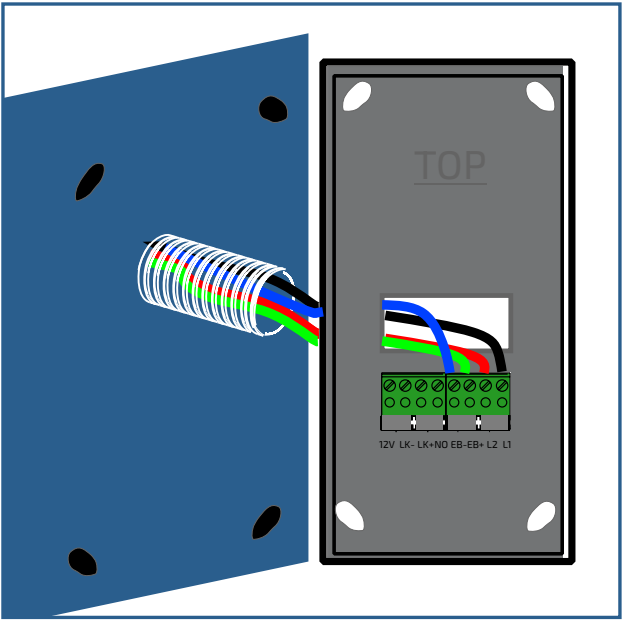
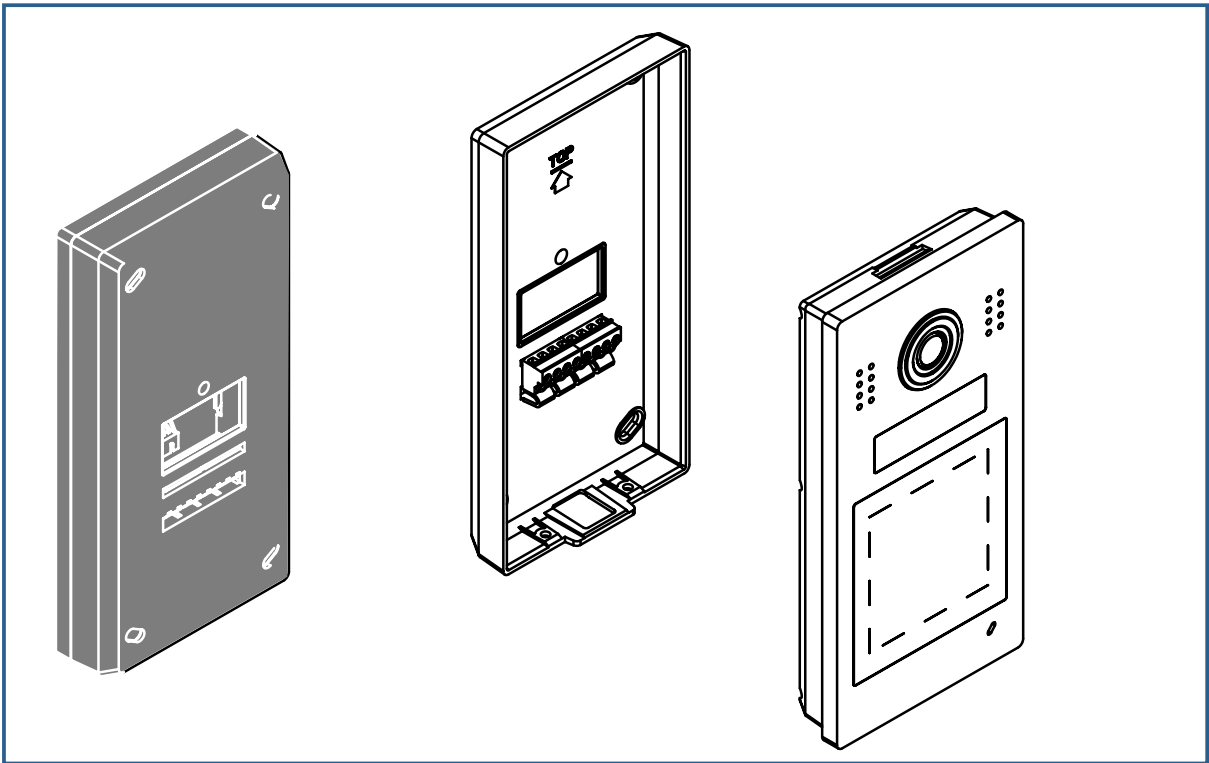


IP54

IK07



HD



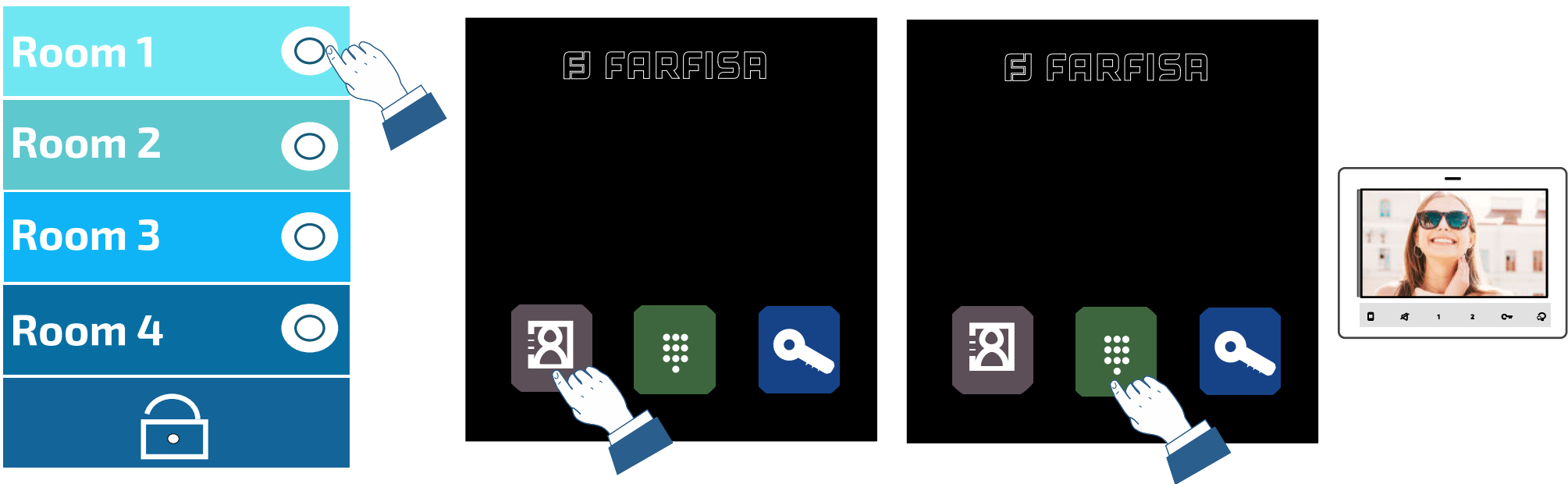
ENGLISH - GENERAL INDEX	PAGE
-------------------------	------

XN500 - Assembly instructions, installation diagram	2
XN500 - External multi-family door station with touch display, model XN500: electrical data, icons and buttons	18
XN500 - Enable display of the RLXN activation command 	19
XN500 - Setting the number of calls	19
XN500 - Configuring passwords and RFID cards for access control	22
XN700 - Monitor for 1XN500 kit. Electrical specifications and terminals	23
XN700 - Configurations	27
RLXN - Optional actuator. Connection to the external door station.	29

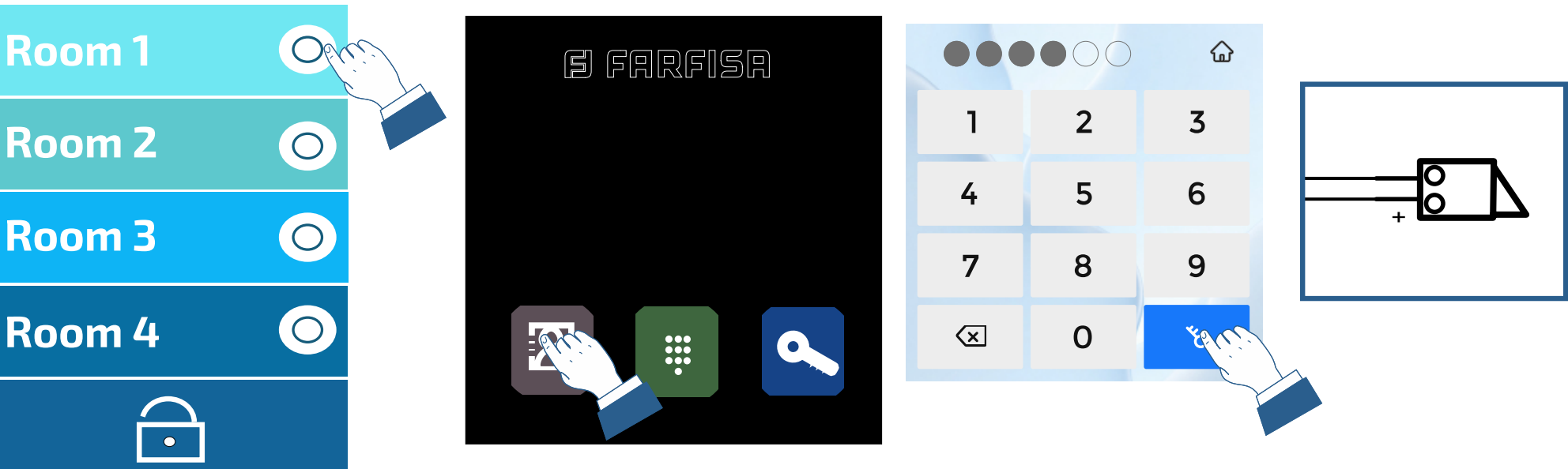
XN500 - CALLING, PASSWORD-BASED AND RFID-BASED ACCESS CONTROL

Using the XN500 display, you can:

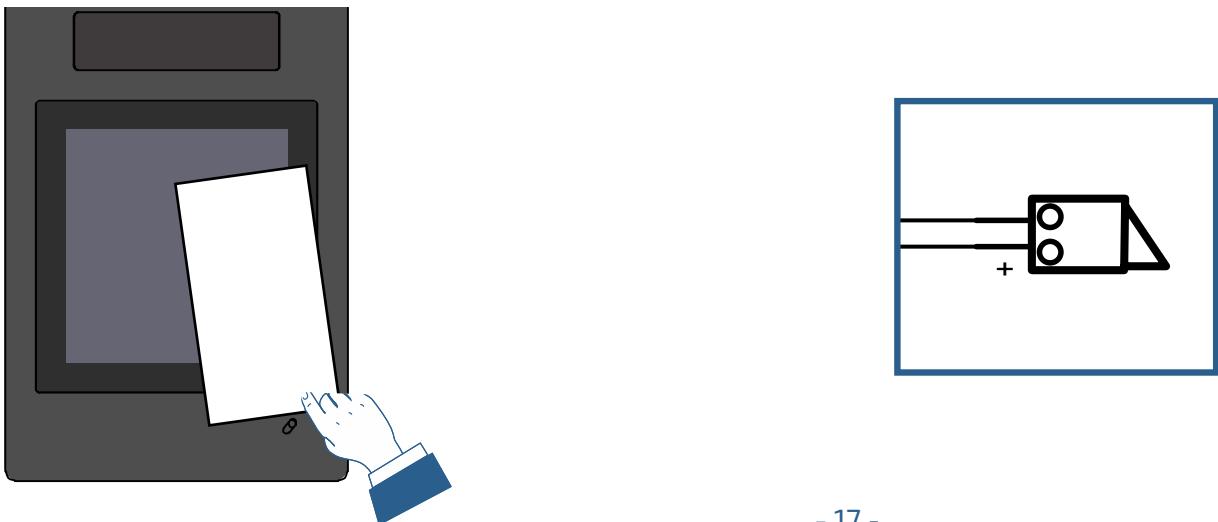
1. make a call by tapping the user's call button, selecting them from the contacts list, or dialling the number directly;



2. You can also unlock the door using a code: first enter the apartment number and then the chosen code;

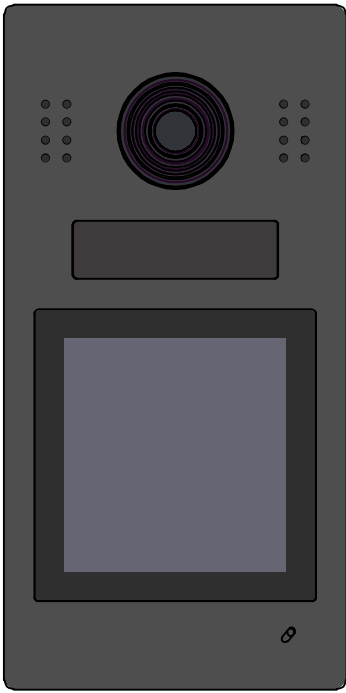
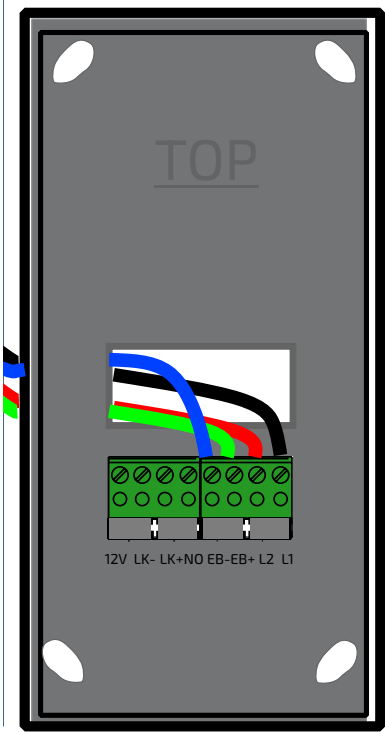


3. You can open the lock using an RFID card or tag by moving it close to the centre of the display:



XN500 Multi-family external unit with touchscreen display: PRODUCT SPECIFICATIONS

XENTRY



Product type: Multi-FAMILY external unit
with RFID reader

Protocol: XENTRY

Power supply: from the bus

Current consumption: - standby: 0.125 A
- in operation: 0.245 A

Camera resolution: 2MP

Field of view: horizontal 150°/ vertical 80°

Display size: 3.5"

Resolution: 480x480 pixels

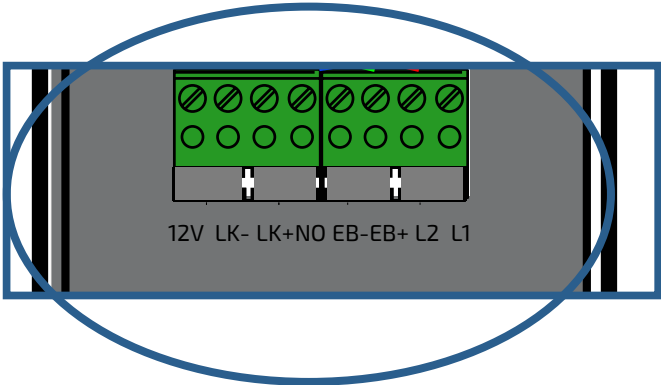
Operating temperature: 0 to +40°C

Maximum humidity: 90% RH

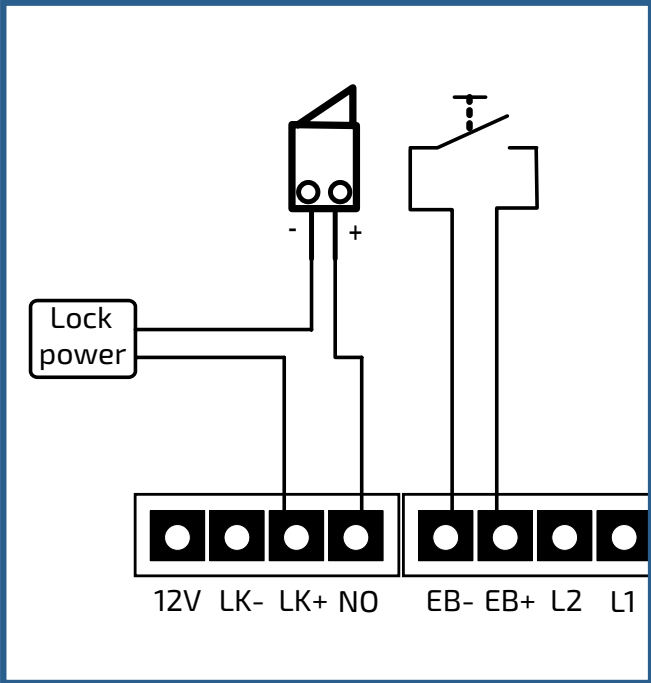
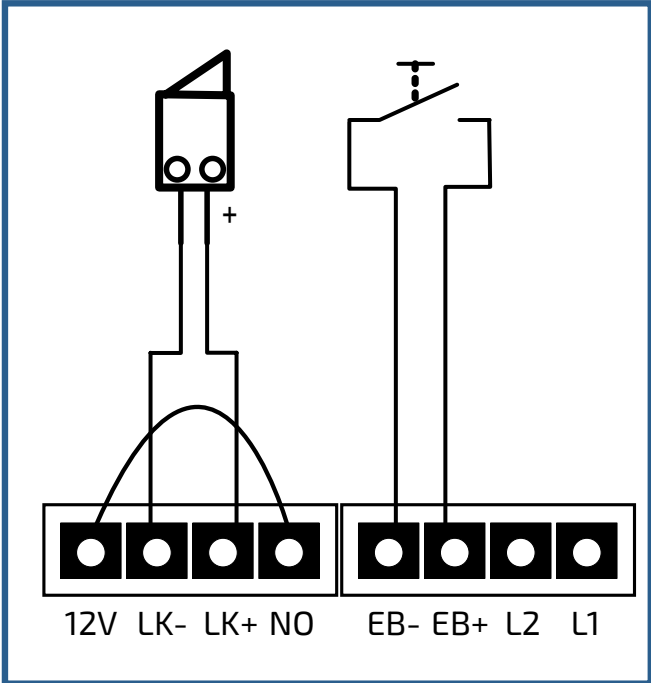
Protection rating: IP54

Mechanical impact protection rating: IK07

ENGLISH



- L1/L2** 2-wire, non-polarised, twisted-pair Xentry bus
- EB+/EB-** Door release button connection
- 12 V** 12 V DC output for the lock
- LK+** Lock terminal
- LK-** Lock terminal when powered by the internal 12 V supply
- NO** Connection of the internal 12 V supply or the lock terminal to an external power supply



XN500 OPERATION



System activity	Light signals
System busy or starting up	The LED flashes
Call or conversation in progress	The LED is lit
Door lock release	The LED is lit for as long as the relay is activated

RFID tag reading area

Functionality	Description
Call to the user	You can call directly by dialling the number or from your contacts list
Door lock release using RFID	Program the RFID card and, to open the door, place it in the centre of the glass panel at the point indicated above
Door lock release using password	The lock can also be opened using a code: by first entering the call number and then the chosen code

XN500 BASIC CONFIGURATIONS

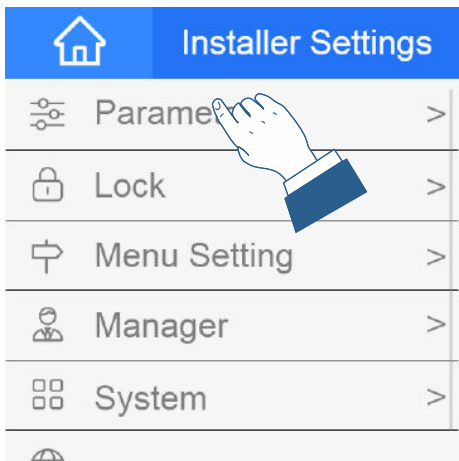
Access to the Installer Menu

- All settings can be found in the installer menu. To access the installer menu, follow these steps
1. On the XN500 external unit display, tap the button with the key symbol;
 2. Enter the password to access the installer menu (the default password is 2288) and then confirm.



Tap the item you are interested to edit the set of parameters it contains

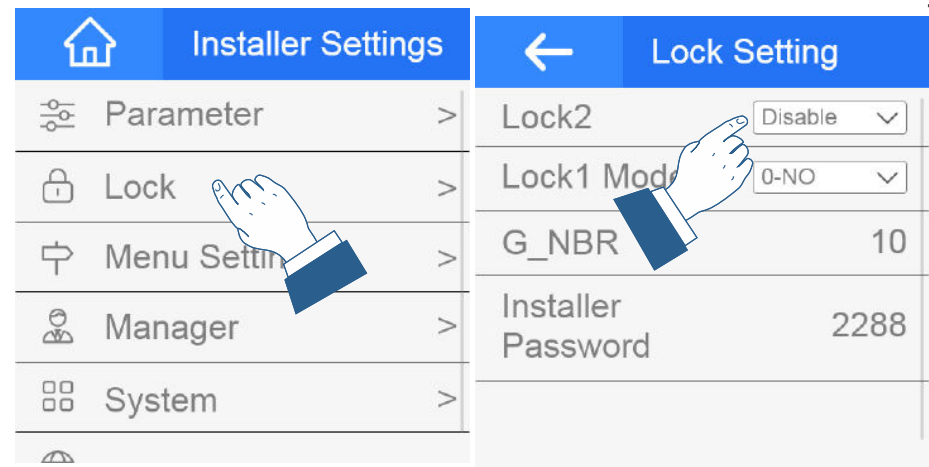
Basic settings



To configure the basic settings, click on 'Settings'. You can change the following options:

- Menu language
- Help text language
- Help text volume
- Keypress feedback tone volume.

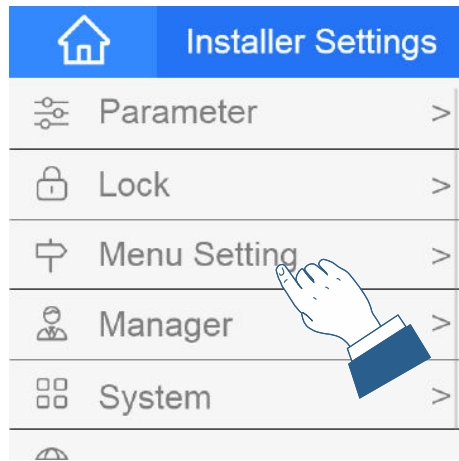
Enable display of the button for the RLXN relay



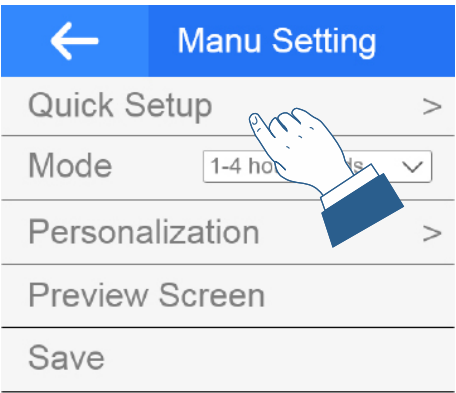
To configure the lock settings, click on 'Locks'. You can modify the following options:

- Lock2: whether to display the Lock2 button on the monitor during a call to the monitor; Lock2 requires RLXN
- Lock 1 Mode: Lock 1 settings. NO indicates 'normally open' and NC indicates 'normally closed'.
- Unlock time 1: unlock time, expressed in seconds
- Installer password: setting for the installer password (default 2288)

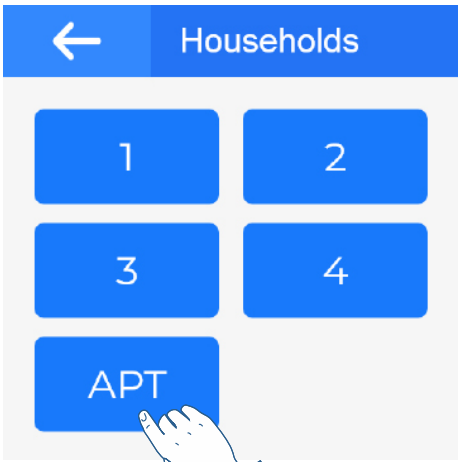
Setting the number of calls



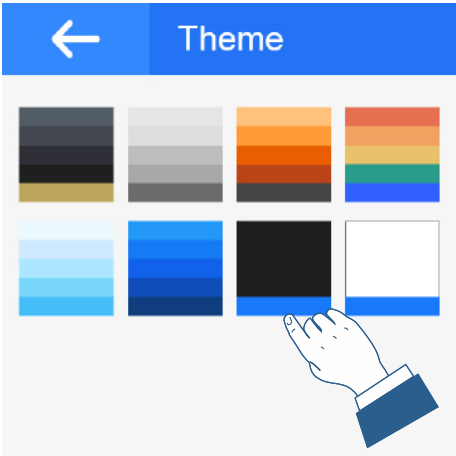
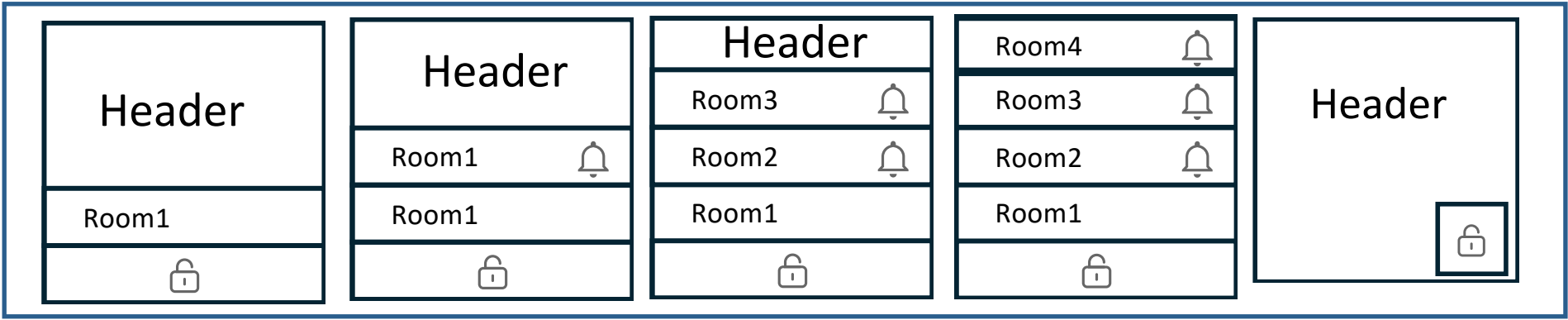
By following the steps below, you can change the layout of the page that appears when a user makes a call from the XN500. Once you have entered the installer menu and tapped the 'Menu Settings' option, follow the steps on the next page:



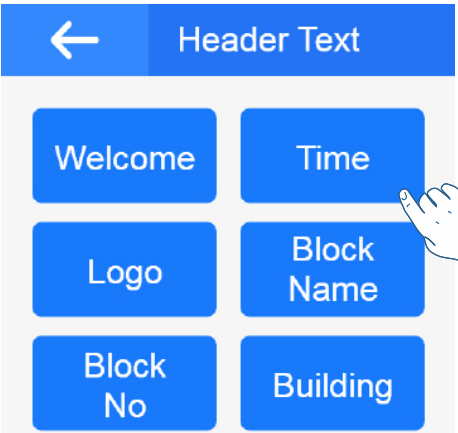
- tap the Quick Setup option;



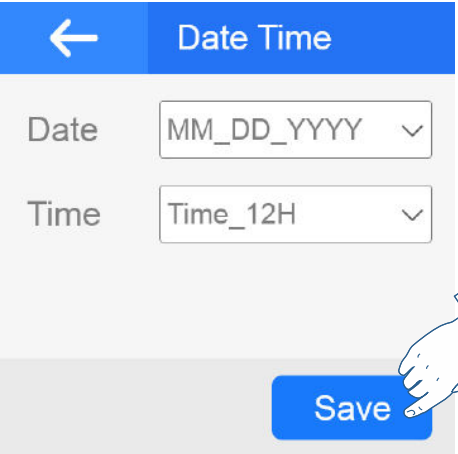
- To select the number of households, tap
 - 1 for a single-family home
 - 2 for a two-family home
 - 3 for a three-family home
 - 4 for a four-family home
 - APT for more than 4 households
- The panel below shows the 5 layouts
 - 1 button with an information area in the header (1 family)
 - 2 buttons with an information area in the header (2 families)
 - 3 buttons with an information area in the header (3 families)
 - 4 buttons without an information area in the header (4 families)
 - a single large information area (> 4 families)



- after selecting the number of house, choose the colour scheme for the screen displayed to the user



- Depending on the colour scheme selected, a number of fields are displayed in the header section of the page shown to the user. By tapping on the relevant option, you can customise the value.



- Proceed by updating the date and time; Save;

←

Info

Number

A17

Name

Business park East

Save

- save the configuration

Setting the name and address of the external station

The address assigned to each external location must comply with the following two rules:

- there must be at least one external location with address 1;
- only one external location may have address 1.

🏠

Installer Settings

⚙️

Parameter

>

🔒

Lock

>

📄

Menu Setting

>

👤

Manager

>

📦

System

>

To configure the name and address of the XN500 control panel, follow the steps below:

1. On the Installer settings page, click System;
2. fare click su DS Address;

←

System operation

RES setting

>

Partition

[]

DS Address

>

IM firmware update

Restore factory settings

3.on the DS_Add Configs page, select the desired address and click on

←

DS_Addr Configs

Address

DS2

▼

Name

XN500

G_NBR

L_NBR

Call by G_NBR

Enable

▼

Call by L_NBR

Enable

▼

←

DS_Addr Configs

Address

DS2

▼

Name

XN500

G_NBR

L_NBR

Call by G_NBR

Enable

▼

Call by L_NBR

Enable

▼

Name to change the name of the external station:

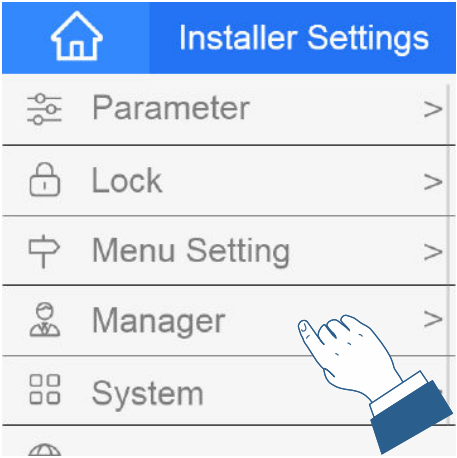


After changing the address, you must wait approximately 30 seconds before making the next call.

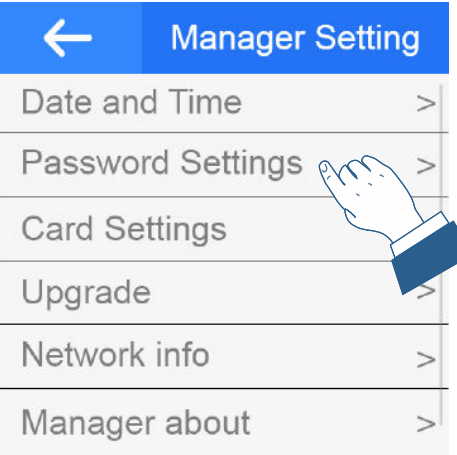
Configuring passwords for access control

This section explains how to set the password for access control.

To set it up, follow the steps listed below:



1. On the Installer settings page, click on Manager;

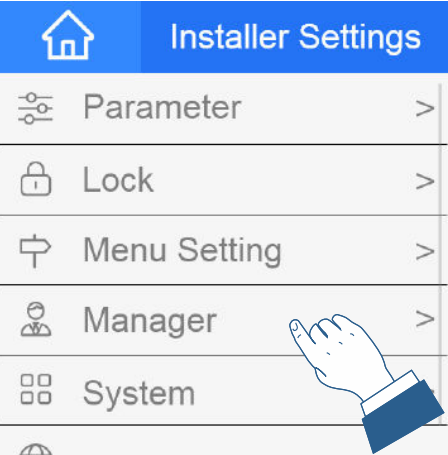


2. Click on Password Settings;
3. On the page that appears, you can set passwords 1 and 2 for unlocking the lock connected to the outdoor unit and, if the display of the RLXN activation command is enabled, also passwords 1 and 2 for activating RLXN

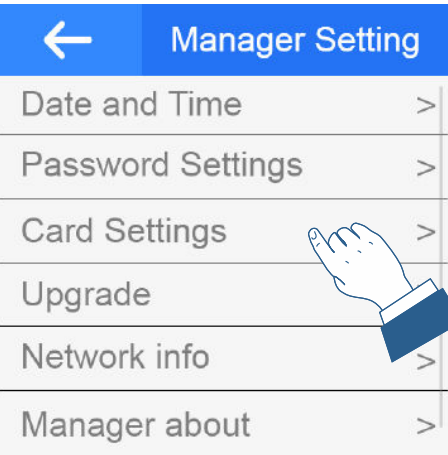
Configuring RFID cards for access control

This section explains how to configure RFID cards for access control.

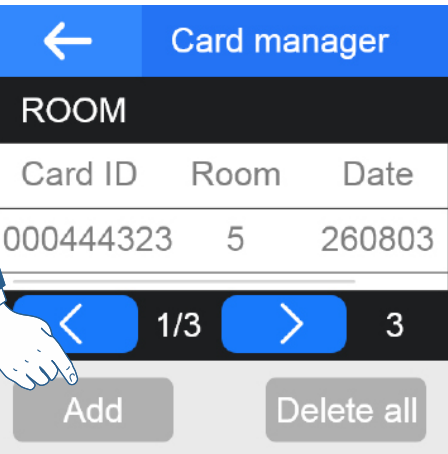
To configure the cards, follow the steps listed below:



1. On the Installer settings page, click Manager;

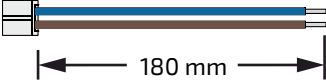


2. Click on 'Card Settings';
3. On the page that appears, you can register the cards used for access control

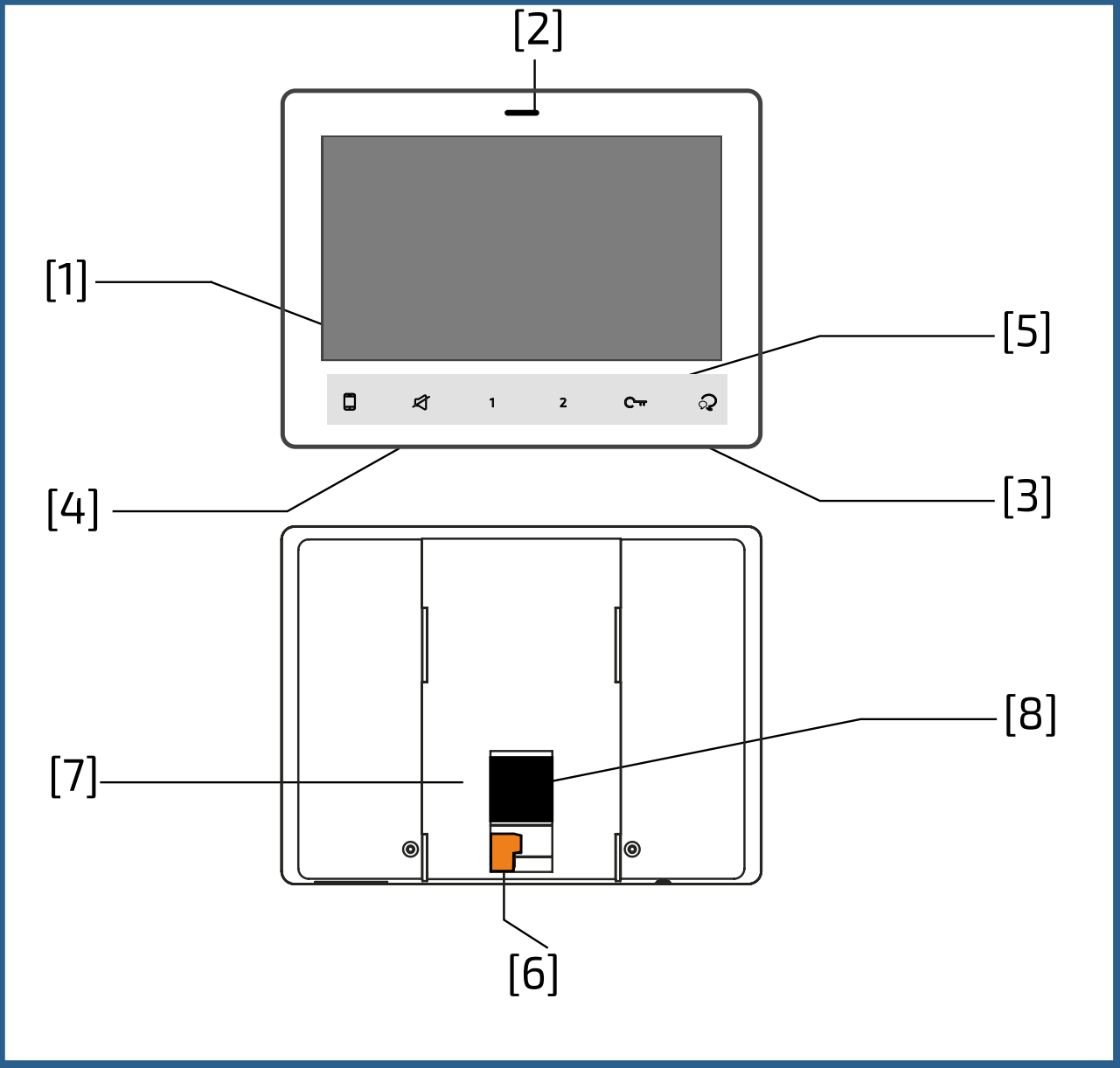


4. Proceed using the tile editor;
5. Once you have added a new tile, press Add

Item XN700 product data sheet

Product type:	hands-free videointerecom	How to connection to the system
Bus protocol:	XENTRY	1 x 
Network connection	via Wi-Fi	
Power supply:	from the bus	- connection to the non- polarized 2 wire
Power consumption: - in stand-by:	0,07 A	bus: via removable 2-terminals orange block
- in operation:	0,250 A	
Screen:	7" IPS with full viewing angle	
Resolution:	1024x600	1 x 
Audio channel	Full Duplex	180 mm
Maximum distance	90-m	- connection to the floor call button: via:
Operating temperature:	0 ÷ +40°C	two-conductor stranded wire pre-termi-
Maximum humidity:	90% RH	nated on one side

Part or functionality



Part or functionality		Description
[1]	LCD digital display 	Display visitor image, or device menu
[2]	Signaling LED	Steady ON: standby Blinking: incoming call/missed calls not displayed
[3]	Loudspeaker	Voice, call-tone and signaling sound
[4]	Microphone	Voice input
[5]	Smart keys	Scenery activation/deactivation keys
[6]	2-wire bus terminal block	Connection to sysem bus
[7]	SD card slot	Insert micro-SD card
[8]	Floor call input	Floor call push-button panel connection

IMPORTANT REQUIREMENTS

Read the warnings listed below carefully and keep this manual for future reference
In addition:

 This device must be connected to the Internet via high-speed access. The quality of the service offered to the user is greatly affected by the quality, stability, and speed of the network connection used.

 The DHCP function is required. **A fundamental prerequisite is that the ISP allows video streaming.**

Do not open the device when it is turned on. The system power supply is located in the electrical panels.

 **Electrical panels**
Inspection of and access to electrical panels is governed by specific regulations that also identify the persons authorized to do so. The installation and maintenance of the system must be carried out by specialized personnel in accordance with applicable laws.

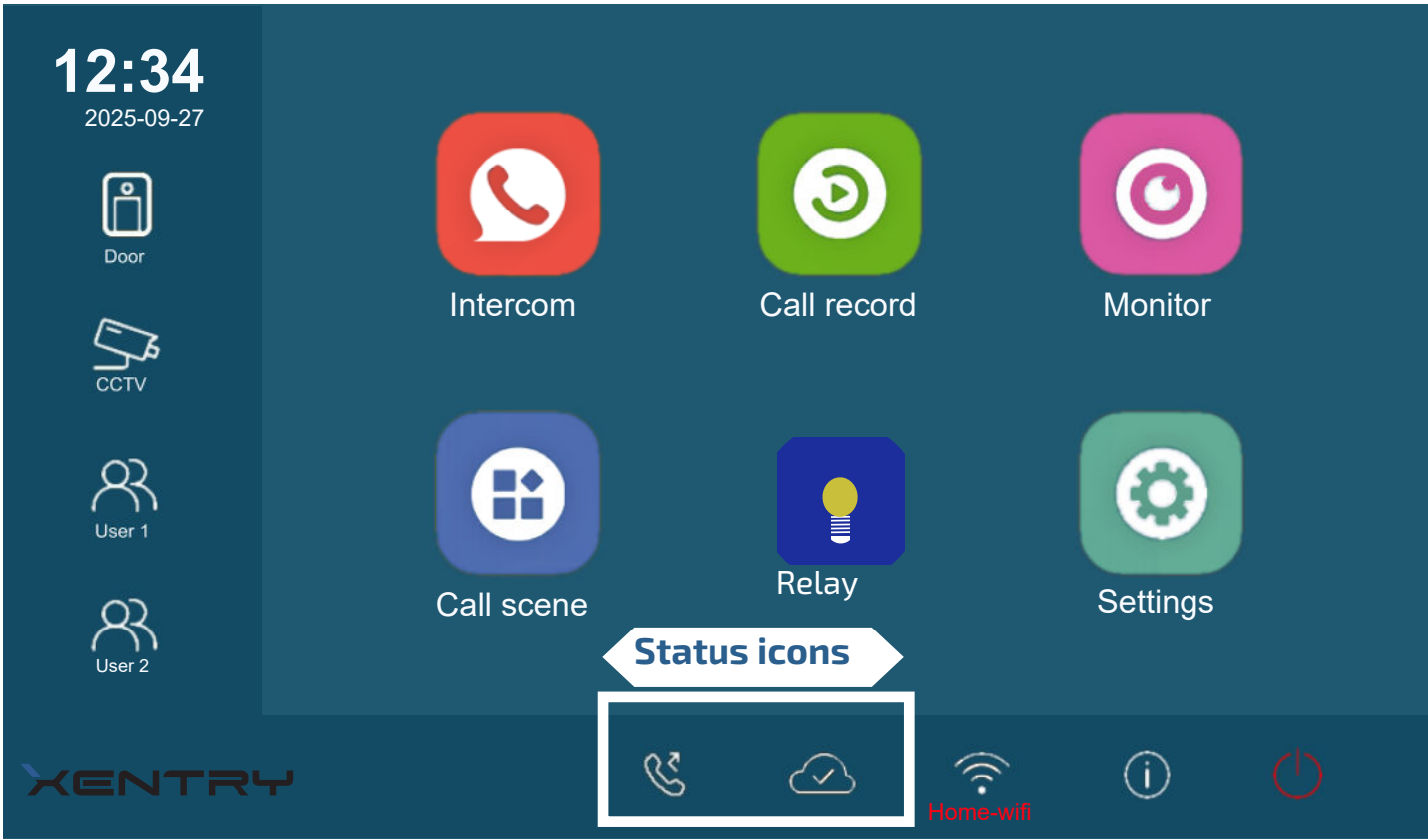
 Keep packaging materials (plastic bags, expanded polystyrene, etc.) out of the reach of children.

 Do not use water or chemical solvents for cleaning, but a clean cloth.

 The monitor is equipped with a digital display. Therefore, in scenarios with particularly rapid changes, the image may be less fluid.

Description of soft/touch keys		
Icon		
	Call divert	With the screen off, tapping the icon directly activates/deactivates the function. With the screen on, tapping the icon takes you to the application settings page. LED on: transfer activated / LED off: transfer not active
	Do not disturb	With the screen off, tapping the icon activates/deactivates the do not disturb function (each interval is 8 hours). With the screen on, tapping the icon activates the scenario settings page. LED on: do not disturb activated / LED off: do not disturb not activated
1	Shortcut key 1	Shortcut key 1 activates the service set for shortcut 1 in the General/Shortcut Settings section. It can monitor an external workstation, an IP camera or call another monitor.
2	Shortcut key 2	Shortcut key 2 activates the service set for shortcut 2 in the General/Shortcut Settings section. You can monitor an external workstation, an IP camera or call another monitor.
	Door lock release	When in standby mode or during active conversation, activate door lock release command.
	Auto-power on/Conversation	When the monitor is off, activate auto-power on. During a call, open the communication. During the conversation, close the communication.

HOME page

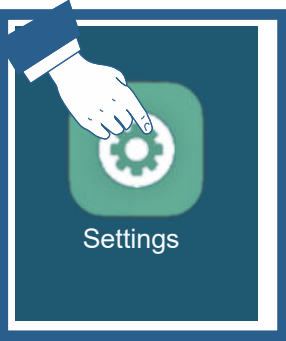


	Missed calls	Indicates missed calls not yet displayed. Tapping the icon shows the list of these calls.
	Do not disturb	Do not disturb mode is active
	Call divert	Call divert mode is active
	Device online	The device is online

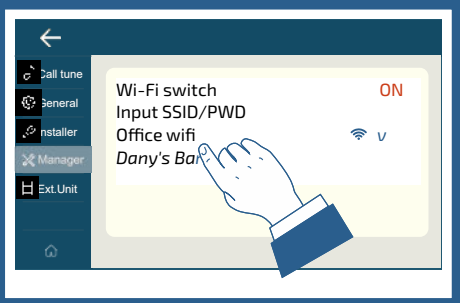
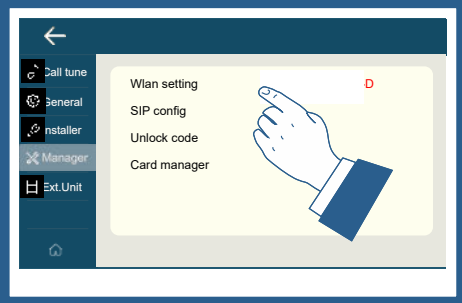
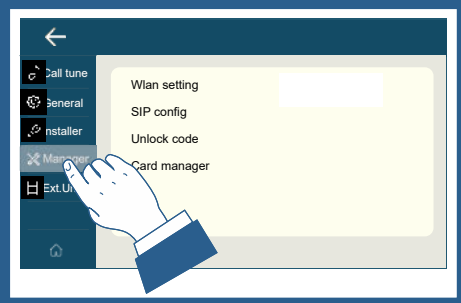
	Cloud server not active	The device is connected but the cloud server does not work
	No cloud server	No cloud server connected
	Cloud server malfunction	Device-cloud server connection anomaly
	Conversation	The device is conversation
	Door lock release	It indicates that the door is open

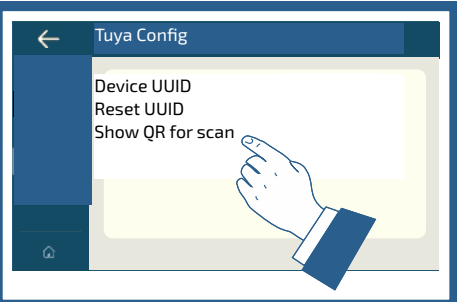
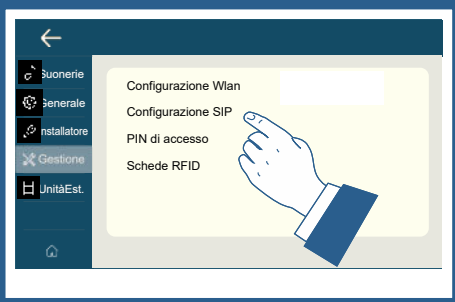
Activating call reception on your smartphone

1



Settings







iOS

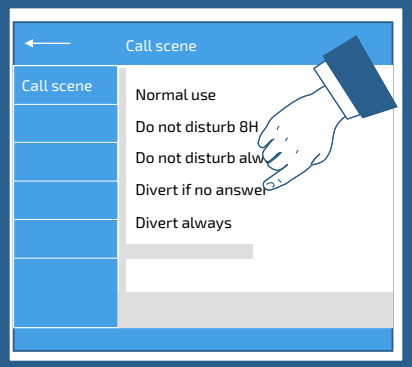


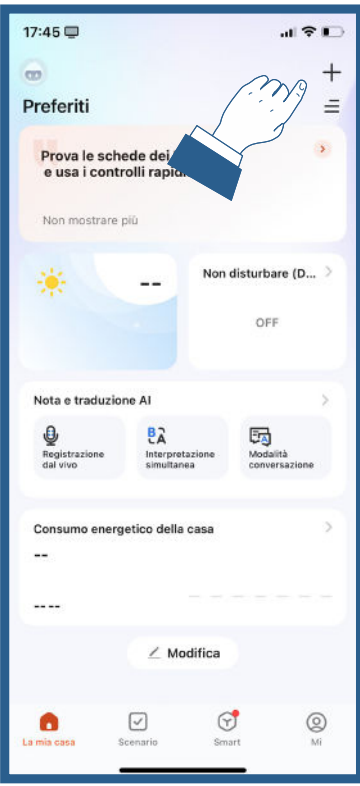
Android

2



3





Operation

Answering to a call

When a call comes in, the monitor rings and the image is displayed on the screen.

1. Tap the icon  or tap the key . . Speak approximately 50 cm away from the microphone. The maximum time is approximately 90 sec..
2. Once the conversation is over, tap the icon  or tap the key 

During the conversation you can send the door lock release command

Auto-power on

The steps listed below allow you to enable viewing on the monitor the door stations or IP cameras connected to the same network:

1. From the main menu, tap the 'Monitor' icon.
2. On the left side of the screen that appears, click Monitor (or Favourites, if you have set them up).
- 3Click on the icon for the desired external location and/or IP camera.
4. When finished, tap the key  on screen.

 During monitoring, you can view the images, by taping on the icon  you can hear the audio and open the door.

Shortcuts

Among the actions that can be assigned to shortcuts (see the Configurations/General section), you can choose one of the auto-start options in the 'Monitor' screen above. Smart keys 1 and 2 (next to the other soft-touch keys on the video door phone) directly activate the first and second shortcuts respectively. Example: pressing '1' can directly activate the auto-power-on of the first (or only) external unit.

Favourite settings

1. From the main menu, tap the "Monitor" icon. A list of available settings categories will appear.
2. Select the item "Monitor".
3. Click on the top left corner of the item you wish to select, and the icon  will appear
- 4 If you wish to cancel the operation, click on the top left corner again.

XENTRY

ENGLISH

- 25 -
Mi 2612

FARFISA

You can call other flats and even other rooms in your own home.

Name list

Name list Calling from the name list using the name list (between different apartments)

1. From the main menu, tap the 'Intercom' icon. A list of available items will be displayed.
2. Select 'Name List' and, if the system allows it, a list of names will be displayed.
3. Select the desired name. Call the recipient directly.

Internal call

Internal call If there are multiple monitors in the same flat, you can make an internal call.

1. From the main menu, tap the 'Intercom' icon.
2. Select 'Internal call'. A list will be displayed.
3. Select the desired entry and call directly.

The monitor records information about calls from the external unit.

Viewing the call log

1. Tap the 'Call log' icon in the main menu:
2. A list of all calls from the external station will appear. Select the desired entry to start playing the video recorded by the monitor for that particular call. In the event of a missed call, the LED at the top of the monitor will flash. Pressing 'Delete All' will delete the entire list of videos.

Note: If the internal unit does not have an SD card, each video will be 3 seconds long. Otherwise, the presence of an SD card increases the video length to 10 seconds, which is the factory default setting (you can set a maximum of 600 seconds).

Maximum supported SD card 512 GB

3. Press to return to the main screen.

Do not disturb mode

If you do not wish to receive calls (do not disturb mode), proceed as follows::

1. On the main menu, tap the 'Call Scene' icon.
2. Select one of the two options listed below:
 - Do Not Disturb 8H: Do Not Disturb mode is set for 8 hours.
 - Do Not Disturb: Do Not Disturb mode is set until a subsequent change is made.

Notes

- * The LED on the front panel lights up red (Do Not Disturb mode enabled);
- * The status bar of the main menu will show the icon "🔴";
- * When making a call from outside, a dissuasive tone is heard.

Answering a call from the external door stations on your smart-phone

Calls from outside can be forwarded to your smartphone. This function requires a Wi-Fi connection.

1. In the main menu, tap the 'Call Scene' icon.
 2. Select the desired option.
 - Call forwarding when no answer: if no one answers within 30 seconds of receiving a call from outside, the call is forwarded to your smartphone. The monitor displays the image from the external station until the call is diverted. If you answer the call from the monitor, the diversion will be terminated.
 - Always divert: the call will be immediately diverted to your smartphone and the monitor will turn off as soon as the call is answered from your smartphone.

The status bar in the main menu will display the icon "⌘"..



Changing system settings

Changing ringtones

The system supports different call tones for: calls from the external station, calls from the floor, intercom calls from another flat and calls from another monitor in the same flat (internal calls). To set a different ringtone for each call:

1. With the monitor in standby mode, press anywhere on the screen. The Home screen will be displayed.
2. Tap the 'Configuration' icon.
3. From the list of items in the left-hand menu, click on 'Call tone'
4. The parameters that can be changed are listed in the table below:

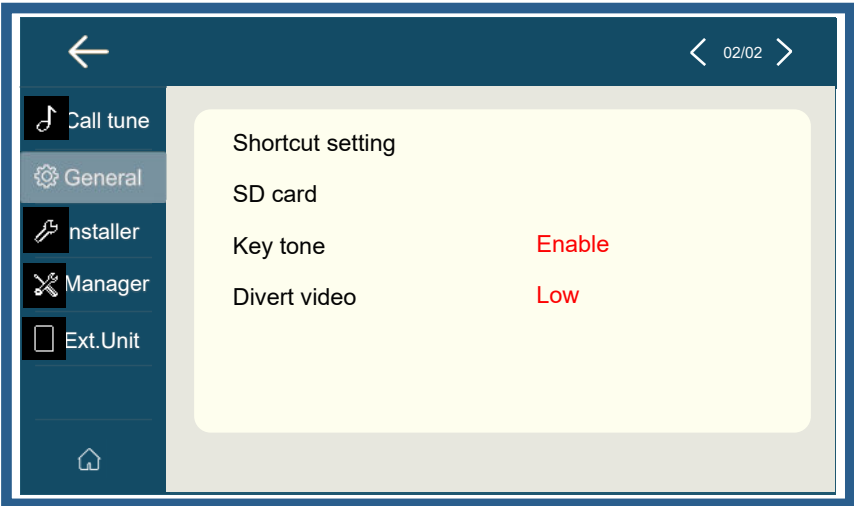
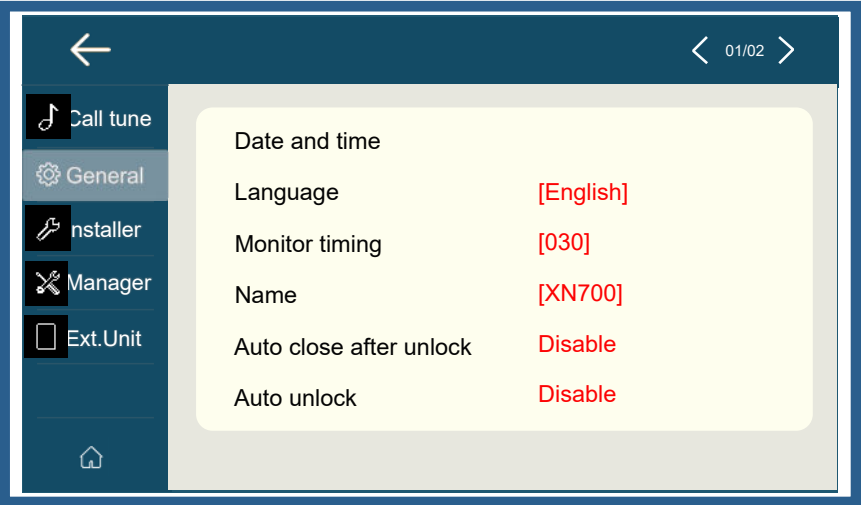
Parameter	Description
Ringtone volume.	You can set the volume of the ringtone. The setting is valid for all types of calls. You can also select the 'mute' option, i.e. no ring tones.
Ring tone duration:	Set the duration of the ring tone.
Call from external stations	Select the ring tone for calls from external stations connected to the system.
Floor call	Select the ring tone for calls from the floor. (dry contact connection for calls from the floor via the 2-conductor cable provided).
Intercom call	Select the ring tone for intercom calls from another flat.
Internal intercom call.	Select the ring tone for intercom calls from another monitor in the same flat.

5. Clic on ← / ↗ to save the new settings.

Changing general settings

Proceed as described in the first two steps of the previous paragraph, then select the 'General' option from the list of menu items that appears on the left to change the following monitor parameters (the entire menu is on two pages):

page	Parameter	Description
1/2	Date and time	In this section, you can change: - the display format: MM/DD/YYYY, DD/MM/YYYY or YYYY/MM/DD. - the time display format: 12/24 hours: HOUR_12 or HOUR_24; - the date (tap to change); - the time (tap to change); - Internet time: by pressing this option, the monitor's date and time are synchronised with the network (the monitor must be connected via Wi-Fi).
1/2	Language	In this section, you can change the default language used by the monitor. However, the language can be changed at any time.
1/2	Monitor timing	Select the time the monitor remains on when a call is received (default 30 seconds)
1/2	Name	Monitor name. Appears as the user's name on the external door station
1/2	Auto close after unl.	Activating the door opener automatically closes the conversation (deactivated by def.)
1/2	Auto unlock	Office function: send door opener when a call is received (deactivated by default)



page	Parameter	Description
2/2	Shortcut settings	On the left side of the Home page, you can see 4 icons corresponding to 4 shortcuts that can be used to quickly activate a command (e.g. internal call). For setting: - tap on 'Shortcut setting'; - select the shortcut you want to change (1, 2, 3 or 4); - select or remove the function to be associated with the shortcut
2/2	SD card	By inserting a micro SD card into the back of the monitor, the SD card item offers two options: - information on the card capacity; - copy images: to copy the images recorded on the SD card.
2/2	Keytone	You can enable/disable the tones generated when icons are touched
2/2	Divert video	Do not use

5. Clic on ← / ↗ to save the new configurations.

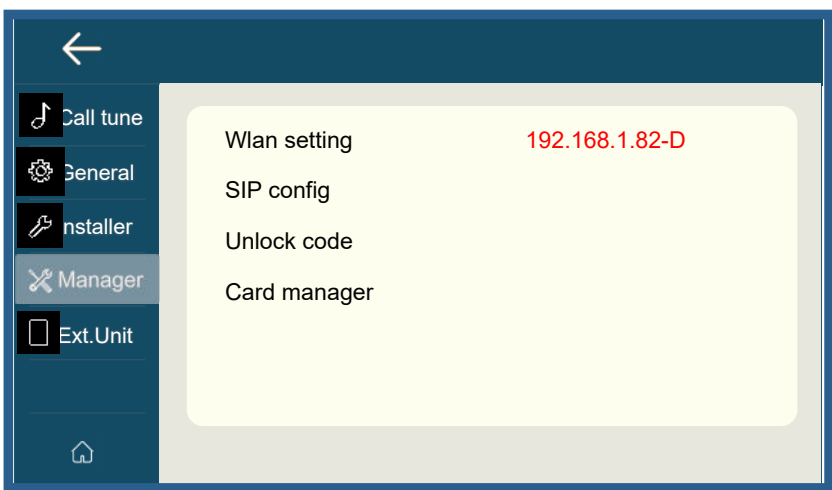
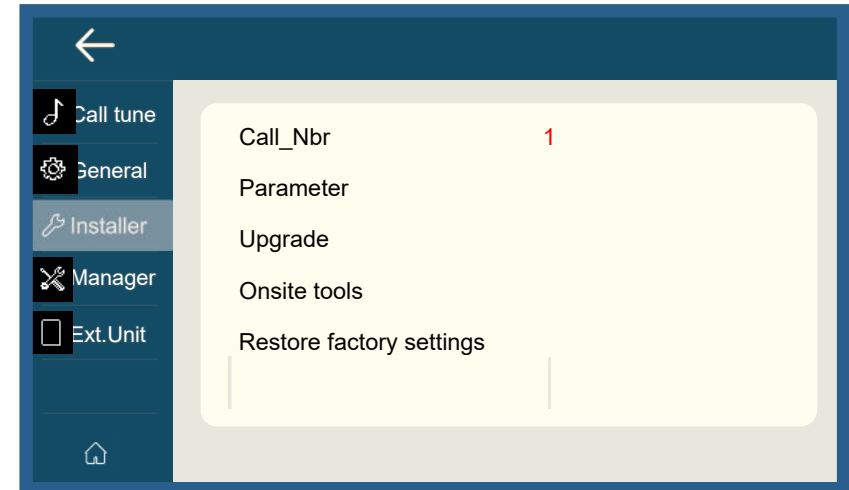
Installer

Installer default password: 66666666

eight times 6

Proceeding as described in the first two steps of the previous paragraph and then selecting the 'Installer' option from the list of menu items that appears on the left, you can change the following monitor parameters:

Parameter	Description
Call_nbr	To change the monitor address, after clicking on Call_Nbr, you will be asked for the password (the default is 66666666, i.e. the number 6 typed 8 times). Then you can delete the old address, type in the new one and then confirm.
Parameter	After entering the installer password (the default is 66666666, i.e. the number 6 typed 8 times), you can change a list of parameters, like the installer password.
Upgrade	The password is required (the default is 66666666, i.e. the number 6 typed 8 times). Once the correct password has been entered, the monitor firmware can be updated.
On site tools	The installer password (the default password is 66666666, i.e. the number 6 typed 8 times) is required to access the configuration page for the entire system. In particular, this tool can be used to change the address of external door stations in systems where there are multiple external door stations.
Restore factory settings	Return to factory settings

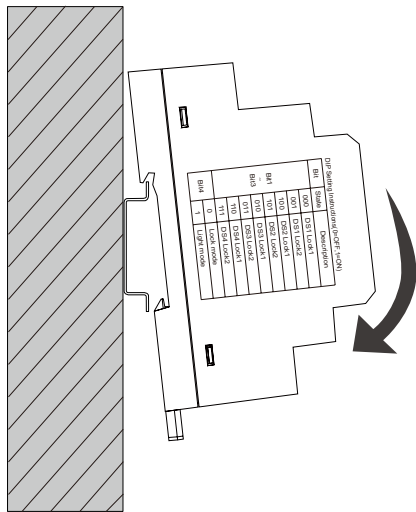
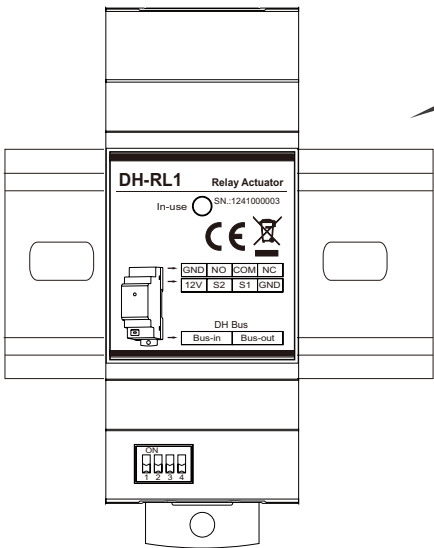
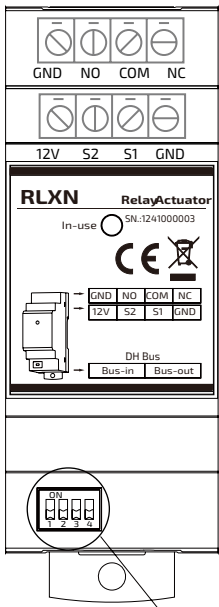


Manager

If you select 'Manager' from the list of menu items on the left, you can modify the following monitor parameters:

Parameter	Description
Wlan settings	This menu allows you to enable/disable the Wi-Fi connection, select the SSID and enter the access password. This is the first step described in the section 'Activating call reception on your smartphone'.
SIP config	Not available. The user-smartphone pairing is done via the app. Tuya
Unlock code	To manage user access codes (for XN300 and XN500
Card manager	To manage RFID card with XN100 external door station (for XN100 and XN500)

OPTIONAL RLXN ACTUATOR for second lock control, driveway or staircase lights



Position	Door lock
	DS1 - LOCK1
	DS1 - LOCK2
	DS2- LOCK1
	DS2 - LOCK2
	DS3 - LOCK1
	DS3 - LOCK2
	DS4 - LOCK1
	DS4- LOCK2

Technical sheet

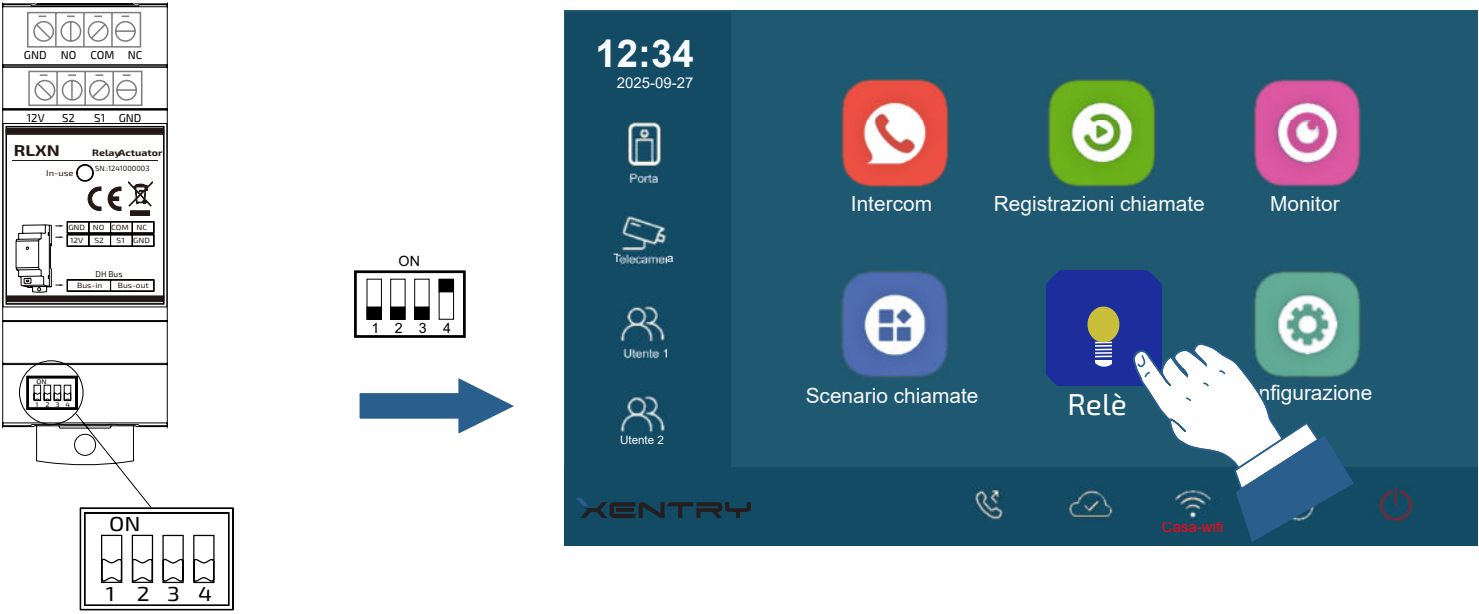
Procoll	XENTRY
Power supply:	from the bus
Relay activation time	1-99 sec
Operating temperature:	0 ÷ +40°C
Maximum humidity:	b 0% RH
Dimensions	90x35x58,4 mm

Terminals	Functionality
BUS-IN	Terminal block for non-polarised BUS input
BUS-OUT	Pair of non-polarised BUS output terminals
NC	Normally closed relay contact
COM	Relay common
NO	Normally open relay contact
GND	Ground
S1-GND	Door release button connection terminals
S2	Do not connect

Connecting the actuator to the door station and displaying the activation command

In order to control the actuator, it must be linked to one of the external door stations, of which it becomes an additional output. Specifically, by using the DIP switch settings on the RLXN cover (table above), you can choose whether to activate the RLXN output simultaneously with the door lock command to which it is assigned, or via a second command which, once enabled, appears on the screen during the conversation with the external door station. To enable the display of the command when RLXN is associated with the XN500 external door station, go to page 19.

Bistable (step-by-step) relay activation via the button on the HOME page



Changing the activation time of the COM/NO/NC contact

