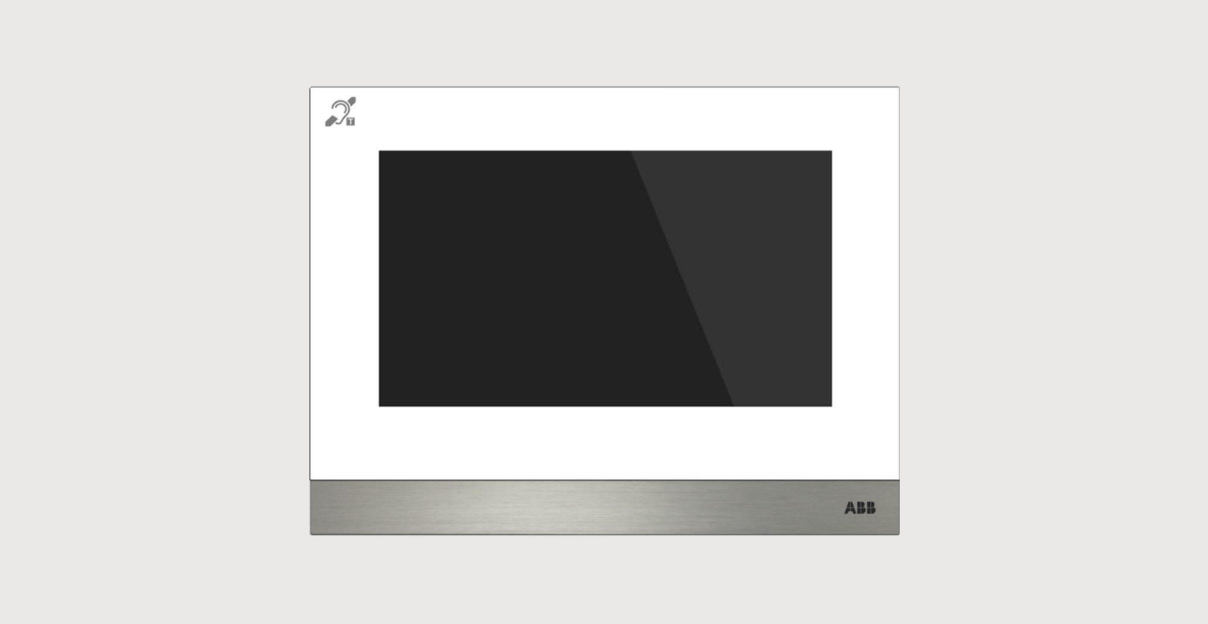
2TMD041800D0002 | 28.02.2022

Product manual

ABB-Welcome IP

H8236-._H8237-. IP touch



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1 Notes on the instruction manual

Please read through this manual carefully and observe the information it contains. This will assist you in preventing injuries and damage to property and ensure both reliable operation and a long service life for the device.

Please keep this manual in a safe place. If you pass the device on, also pass on this manual along with it. ABB accepts no liability for any failure to observe the instructions in this manual.

2 Safety

Warning

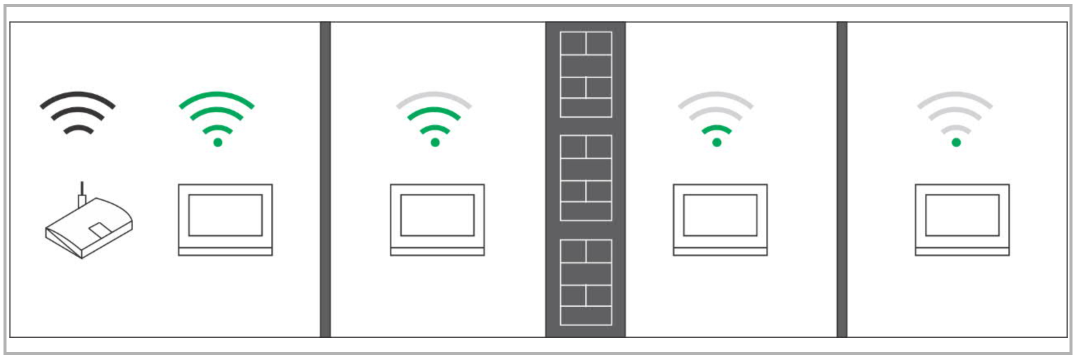
Electric voltage!
Dangerous currents flow through the body when coming into direct or indirect contact with live components.
This can result in electric shock, burns or even death.

- Disconnect the mains power supply prior to installation and/or disassembly!
- Permit work on the 100-240 V supply system to be performed only by specialist staff!

3 Intended use

This device is a central control panel of the ABB-Welcome IP system and operates exclusively with components from this system. The device must only be installed in dry indoor rooms.

WiFi installation



Note

If the device supports WiFi function, please make sure the device has good WiFi signal reception before installation. The distance between the router and monitors, and the construction materials used in the walls are factors that can affect signal quality.

If the WiFi signal is not strong enough to guarantee correct operation, a WiFi repeater must be installed between the router and this device in order to boost the WiFi signal received by this device.

Micro SD card

SD card

The indoor station supports the following SD card type:

- Type: Micro SDHC
- Capacity: 4...32 G
- Speed: Class10
- File system: FAT32
- Please use a SD card complying with SDHC standard, some SD cards may not perform correctly. It is recommended to use SanDisk, Kingston, Transcend SDHC cards, which are fully tested and verified.
- Do not remove SD card or reboot indoor station while recording or copying images onto the SD card, otherwise this SD card may fail to preform when recording or playing images.
- ABB is no responsible for the performance of an SDHC card.

IP-Cam

Note

The indoor station supports IP-Cam with onvif protocol (Profile S).

Ringtone

Note

The ringtone supports .mp3 and .wav format, with a maximum size of 32 M.

Audio and video file

Note

The audio file supports .mp3 and .wav format.

The video file supports .avi and .mp4 format, with a maximum resolution of 1920 x 1080.

Picture

Note

The picture supports .jpg, .png and .bmp format, with a maximum resolution of 2048 x 1920. The recommend resolution is 1024 x 600.

4 Environment

Consider the protection of the environment!

Used electric and electronic devices must not be disposed of with household waste.

– The device contains valuable raw materials that can be recycled. Therefore, dispose of the device at the appropriate collecting facility.

4.1 ABB devices

All packaging materials and devices from ABB bear the markings and test seals for proper disposal. Always dispose of the packing materials and electric devices and their components via an authorized collection facility or disposal company.

ABB products meet the legal requirements, in particular the laws governing electronic and electrical devices and the REACH ordinance.

(EU-Directive 2012/19/EU WEEE and 2011/65/EU RoHS)

(EU-REACH ordinance and law for the implementation of the ordinance (EG) No.1907/2006)

5 Product description

5.1 Device type

Article number	Order number	Product name	Colour	Size (DxHxW) Unit: mm
H8236-4B	2TMA130050B0065	IP touch 7",DES+KNX+f@h+APP,LAN+WiFi,T-loop	Black	198.5 x 149.6 x 36
H82364-BG	2TMA130050B0053	IP touch 7",DES+APP,LAN+WiFi,SM box included, USA	Black	198.5 x 149.6 x 36
H8236-4W	2TMA130050W0065	IP touch 7",DES+KNX+f@h+APP,LAN+WiFi,T-loop	White	198.5 x 149.6 x 36
H82364-WG	2TMA130050W0053	IP touch 7",DES+APP,LAN+WiFi,SM box included, USA	White	198.5 x 149.6 x 36
H8236-5B	2TMA130050B0067	IP touch 7",DES+KNX+f@h+APP,LAN+LAN,T-loop	Black	198.5 x 149.6 x 36
H8236-5W	2TMA130050W0067	IP touch 7",DES+KNX+f@h+APP,LAN+LAN,T-loop	White	198.5 x 149.6 x 36
H8237-4B	2TMA130050B0054	IP touch 10",DES+KNX+f@h+APP,LAN+WiFi,T-loop	Black	251 x 185 x 27
H8237-4W	2TMA130050W0054	IP touch 10",DES+KNX+f@h+APP,LAN+WiFi,T-loop	White	251 x 185 x 27
H8237-5B	2TMA130050B0055	IP touch 10",DES+KNX+f@h+APP,LAN+LAN,T-loop	Black	251 x 185 x 31
H8237-5W	2TMA130050W0055	IP touch 10",DES+KNX+f@h+APP,LAN+LAN,T-loop	White	251 x 185 x 31

Full glass IP touch

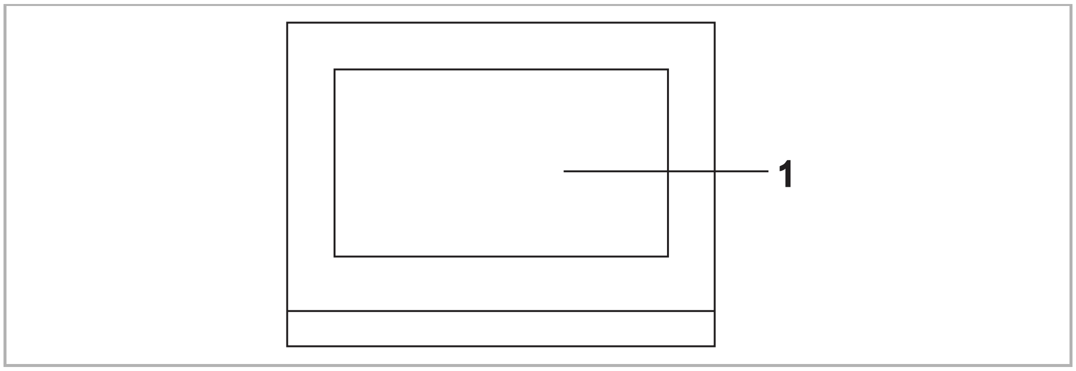
Full glass IP touch has no end strip like normal IP touch.

Full glass IP touch lacks the "App" function and "RTC" function.

Full glass IP touch can be identified by the article number. Its last character of article number is "G".

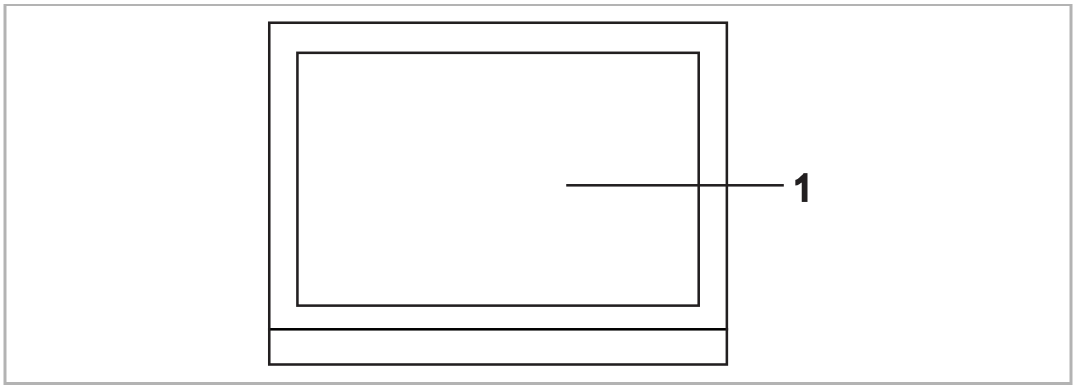
5.2 Control elements

IP touch 7



No.	Function
1	Touch screen

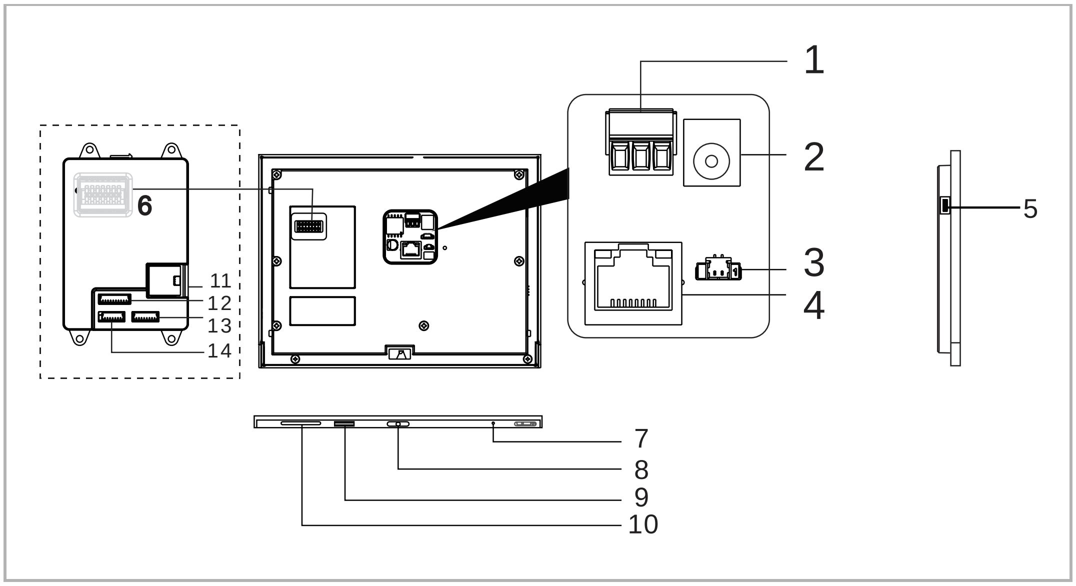
IP touch 10



No.	Function
1	Touch screen

5.3 Terminal description

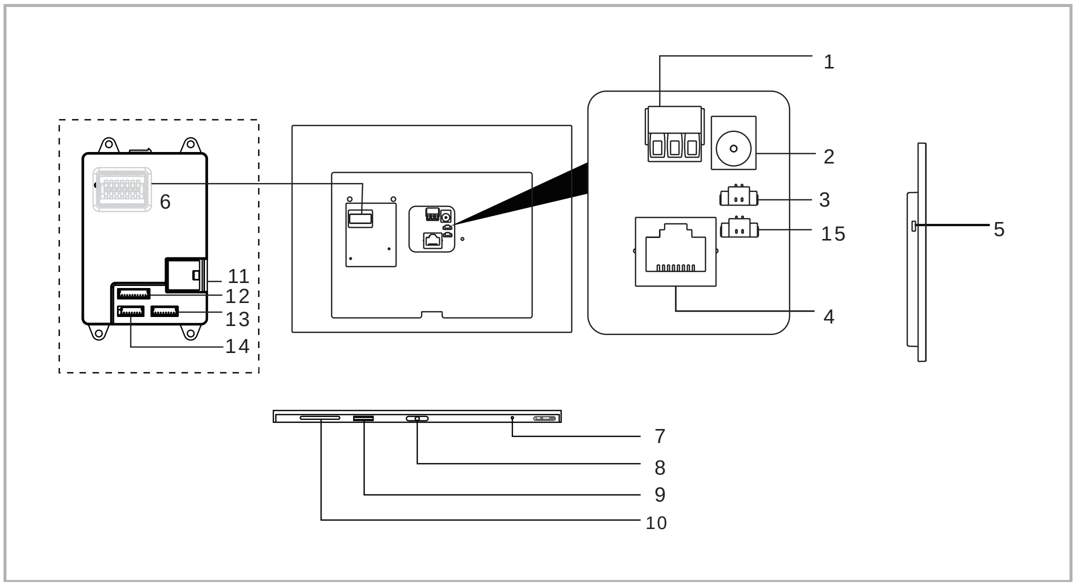
IP touch 7



No.	Function
1	Power input connector
2	Power input connector (DC-JACK input)
3	Doorbell connector
4	LAN1 (PoE)
5	Micro USB Upgrade connector
6	[3] Extension module connector
7	Microphone
8	Dismantling switch
9	Micro SD card connector
10	Speaker
11	[2] LAN2
12	[2] Alarm connector
13	[2] RS485 connector, 12 V output, emergency port (SOS, GAS, fire)
14	[2] Relay output

[2] IP touch 7 (LAN+LAN) [3] IP touch 7 (LAN)

IP touch 10



No.	Function
1	Power input connector
2	Power input connector (DC-JACK input)
3	Doorbell connector
4	LAN1 (PoE)
5	Micro USB Upgrade connector
6	Interface module connector
7	Microphone
8	Dismantling switch
9	Micro SD card connector
10	Speaker
11	[2] LAN2
12	[2] Alarm connector
13	[2] RS485 connector, 12 V output (12 V output is not available when PoE powered)
14	[2] Relay output
15	N/A

[2] IP touch 10 (LAN+LAN)

6 Technical data

IP touch 7

Designation	Value
Rating voltage	24 V ⎓
Operating voltage range	20-27 V ⎓
[1] Rating current	27 V ⎓, 250 mA 24 V ⎓, 280 mA
[2] Rating current	27 V ⎓, 390 mA 24 V ⎓, 440 mA
[3] Rating current	27 V ⎓, 240 mA 24 V ⎓, 270 mA
Display size	7"
Resolution	1024 x 600 px
Operating temperature	-10 °C … +55 °C
PoE standard	IEEE802.3 af
[2] Alarm power output	12 V ⎓, 200 mA
[2] Relay output	30 V ⎓, 1 A
[1] Wireless transmission band	**802.11b/g/n:** 2412...2462MHz (for United States) 2412...2472MHz (for European countries) **802.11a/n:** 5150…5250MHz 5250…5350MHz 5470…5725MHz (not used in Russia) 5725…5850MHz (for United States)
[1] Wireless transmission power	Max. 20 dBm@12 Mbps OFDM 2.4 G Max. 20 dBm@12 Mbps OFDM 5.8 G
[1] Wireless transmission standard	IEEE 802.11 a/b/g/n

[1] IP touch 7 (LAN+WiFi) [2] IP touch 7 (LAN+LAN) [3] IP touch 7 (LAN)

IP touch 10

Designation	Value
Rating voltage	24 V ⎓
Operating voltage range	20-27 V ⎓
[1] Rating current	27 V ⎓, 390 mA 24 V ⎓, 440 mA
[2] Rating current	27 V ⎓, 520 mA 24 V ⎓, 600 mA
Display size	10"
Resolution	1280 x 800 px
Operating temperature	-10 °C … +55 °C
PoE standard	IEEE802.3 af
[2] Alarm power output	12 V ⎓, 200 mA (12 V output is not available when PoE powered)
[2] Relay output	30 V ⎓, 1 A
[1] Wireless transmission band	**802.11b/g/n:** 2412...2462MHz (for United States) 2412...2472MHz (for European countries) **802.11a/n:** 5150…5250MHz 5250…5350MHz 5470…5725MHz (not used in Russia) 5725…5850MHz (for United States)
[1] Wireless transmission power	Max. 20 dBm@12 Mbps OFDM 2.4 G Max. 20 dBm@12 Mbps OFDM 5.8 G
[1] Wireless transmission standard	IEEE 802.11 a/b/g/n

[1] IP touch 10 (LAN+WiFi) [2] IP touch 10 (LAN+LAN)

7 Mounting/Installation

Warning

Electric voltage!

Dangerous currents flow through the body when coming into direct or indirect contact with live components.

This can result in electric shock, burns or even death.

- Disconnect the mains power supply prior to installation and/or disassembly!
- Permit work on the 100-240 V supply system to be performed only by specialist staff!

7.1 Requirement for the electrician

Warning

Electric voltage!

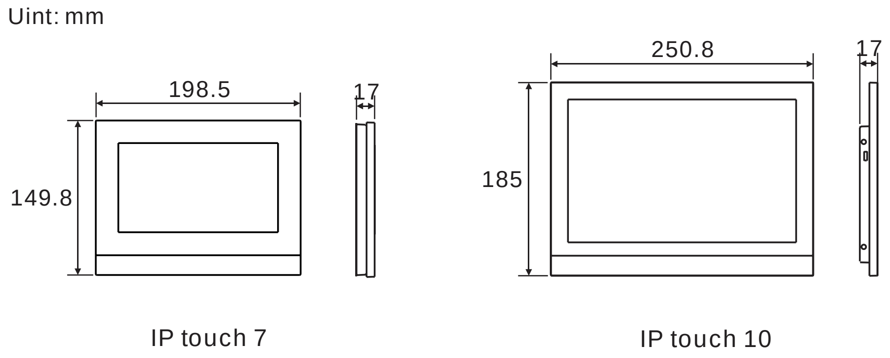
Install the device only if you have the necessary electrical engineering knowledge and experience.

- Incorrect installation endangers your life and that of the user of the electrical system.
- Incorrect installation can cause serious damage to property, e.g. due to fire.

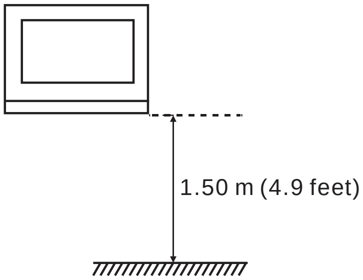
The minimum necessary expert knowledge and requirements for the installation are as follows:

- Apply the "five safety rules" (DIN VDE 0105, EN 50110):
  1. Disconnect
  2. Secure against being re-connected
  3. Ensure there is no voltage
  4. Connect to earth and short-circuit
  5. Cover or barricade adjacent live parts.
- Use suitable personal protective clothing.
- Use only suitable tools and measuring devices.
- Check the type of supply network (TN system, IT system, TT system) to secure the following power supply conditions (classic connection to ground, protective grounding, necessary additional measures, etc.).

7.2 Product dimensions


Uint: mm
198.5
17
149.8
IP touch 7
250.8
17
185
IP touch 10

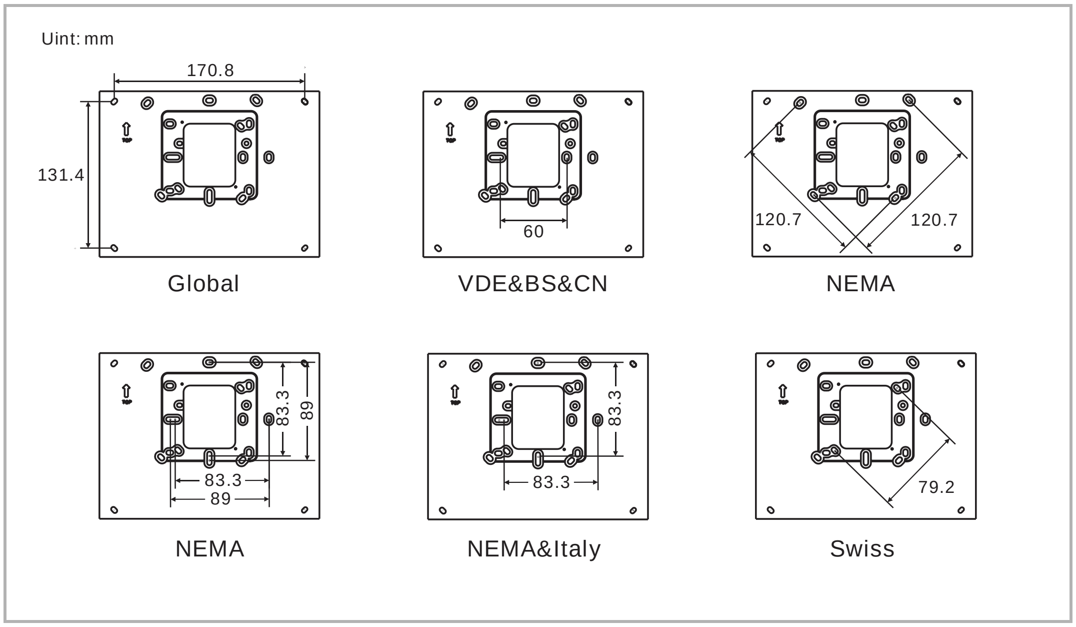
7.3 Installation height


1.50 m (4.9 feet)

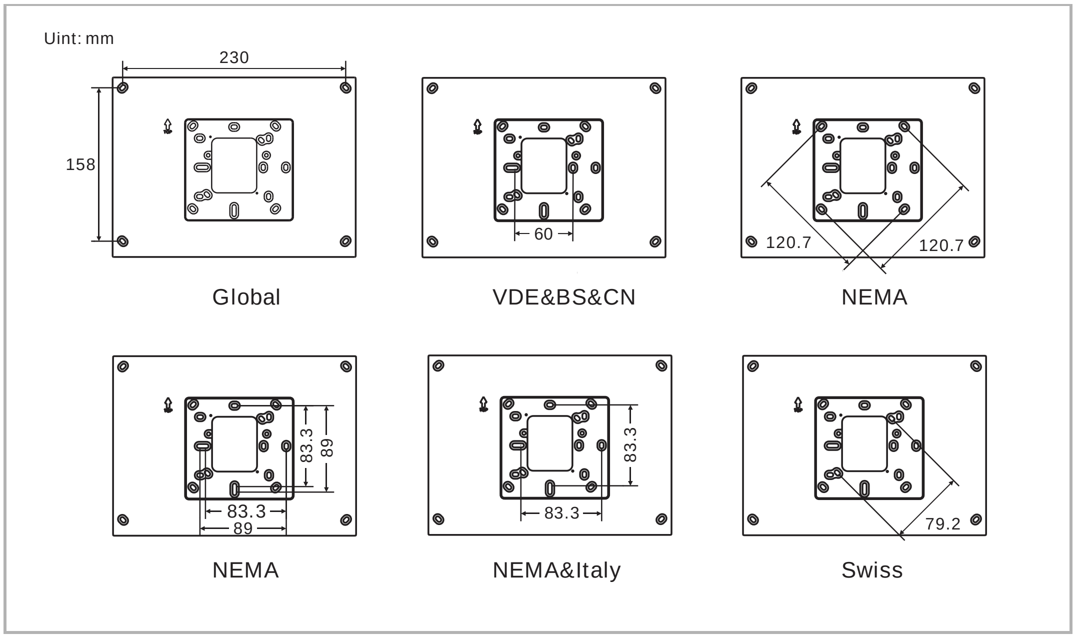
7.4 Surface-mounted installation

This installation method is not suitable for IP touch (LAN+LAN).

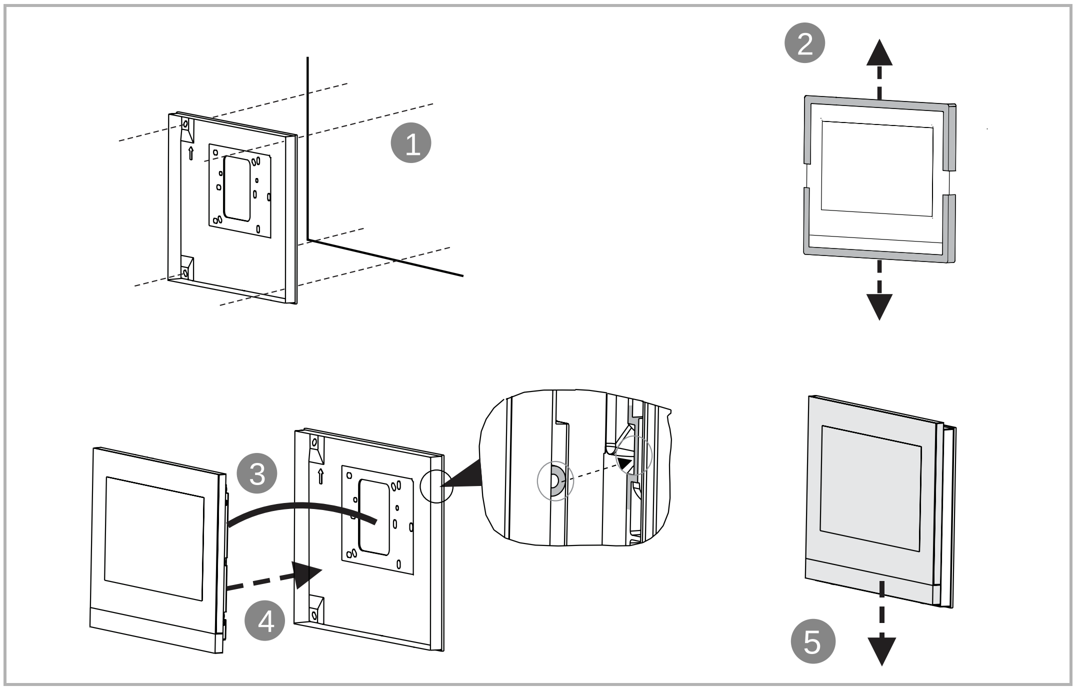
Surface-mounted box – IP touch 7


Uint: mm
170.8
131.4
Global
60
VDE&BS&CN
120.7
120.7
NEMA
83.3
89
83.3
89
NEMA
83.3
83.3
NEMA&Italy
79.2
Swiss

IP touch 10

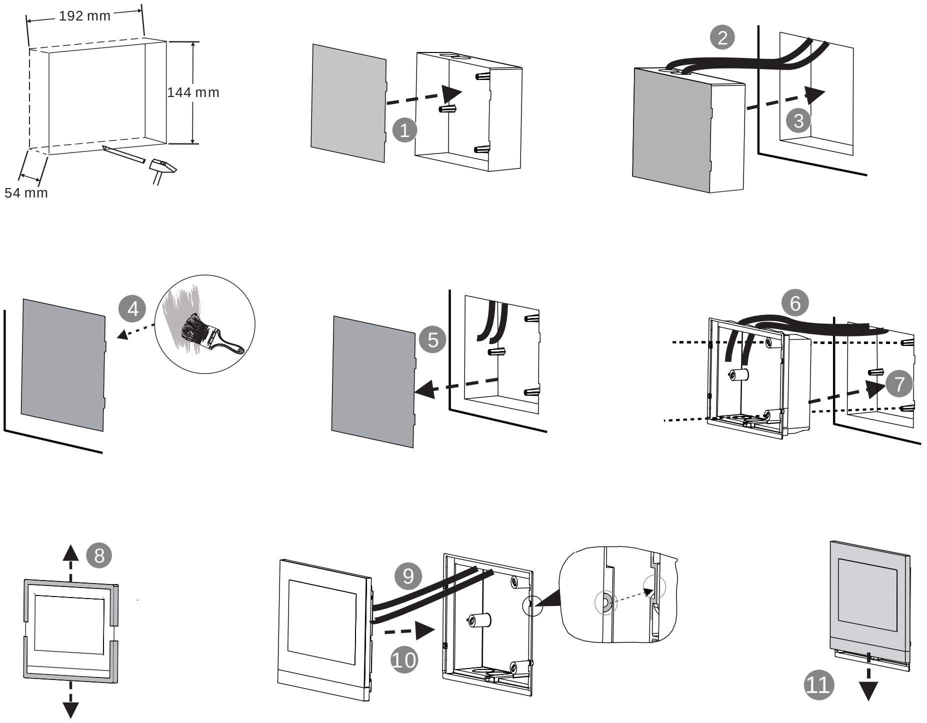

Uint: mm
230
158
Global
60
VDE&BS&CN
120.7
120.7
NEMA
83.3
89
83.3
89
NEMA
83.3
83.3
NEMA&Italy
79.2
Swiss

Installation

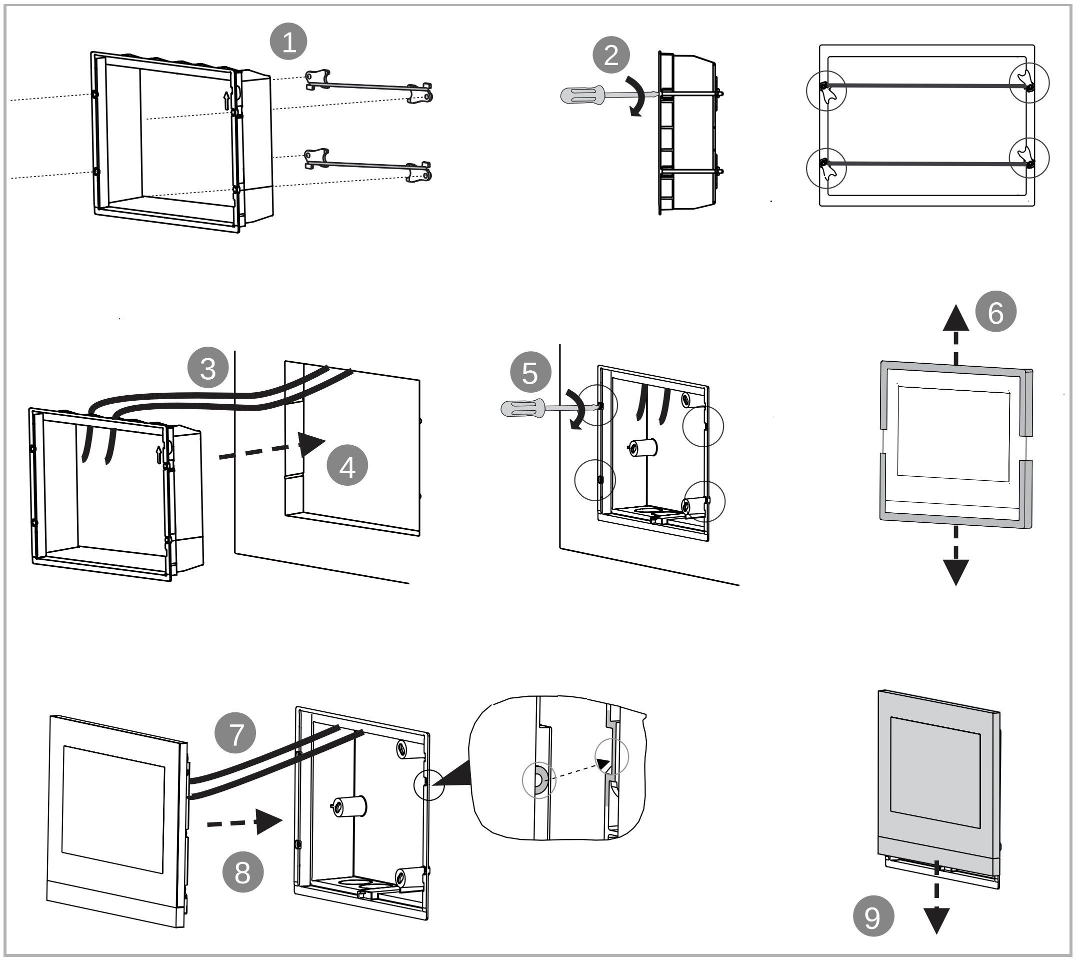


7.5 Flush-mounted installation

With pre-installation box

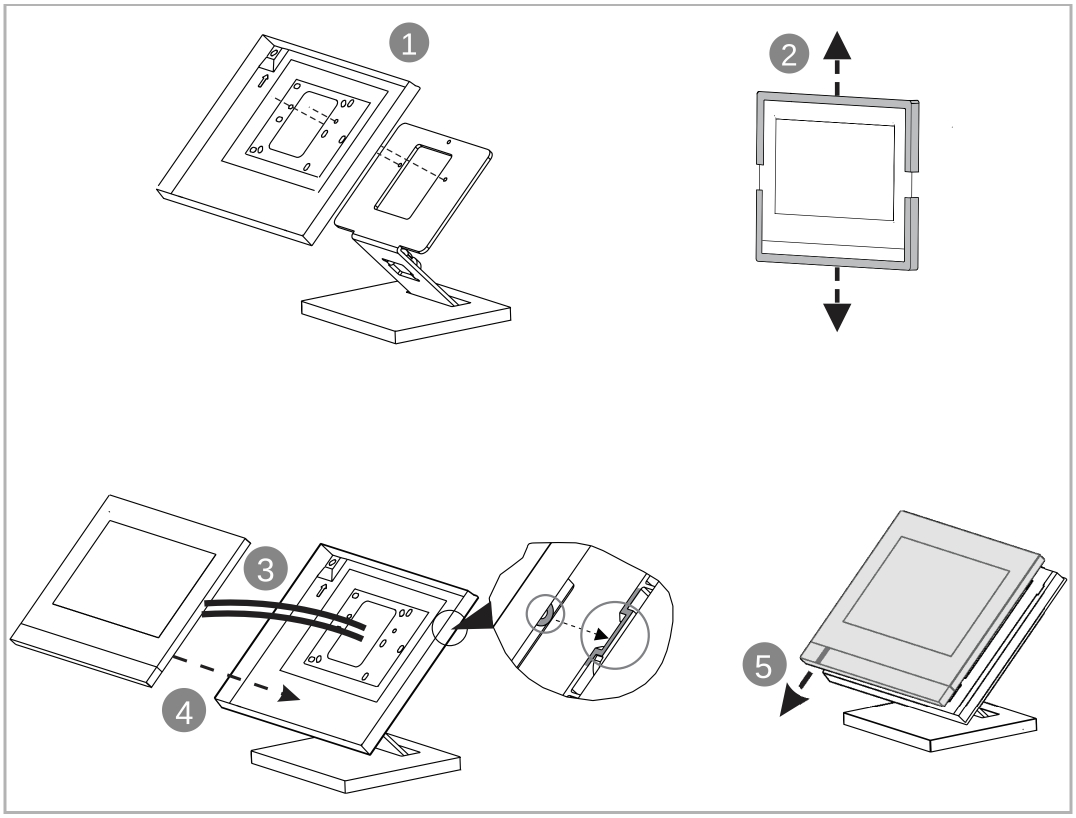

192 mm
144 mm
54 mm
1
2
3
4
5
6
7
8
9
10
11

7.6 Cavity wall installation

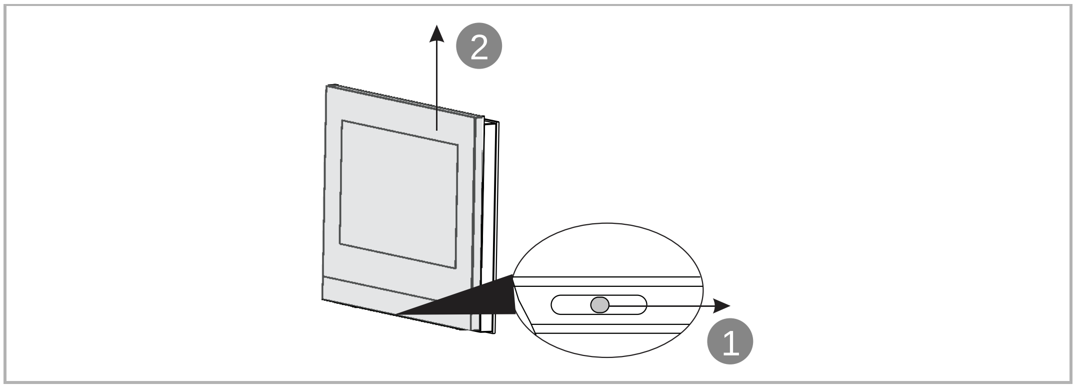


7.7 Desktop installation

This installation method is not suitable for IP touch (LAN+LAN).

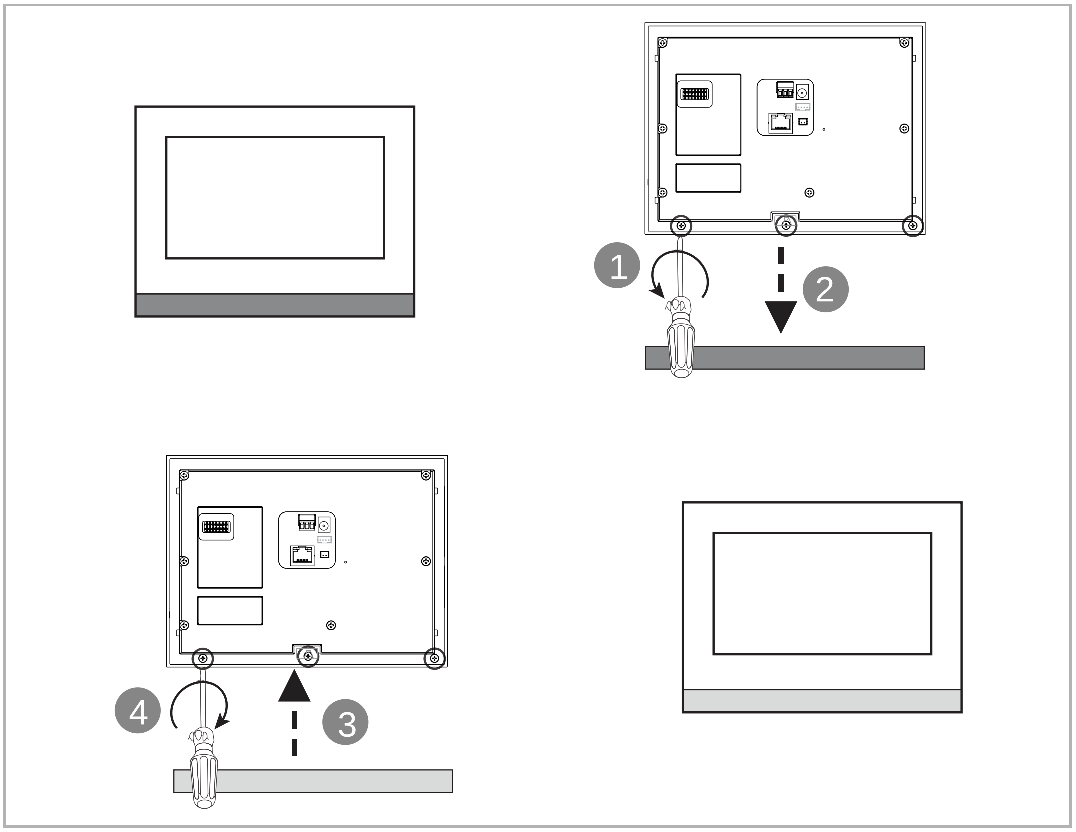


7.8 Dismantling



7.9 Replacing the end strip

This operation is not suitable for full glass IP touch.

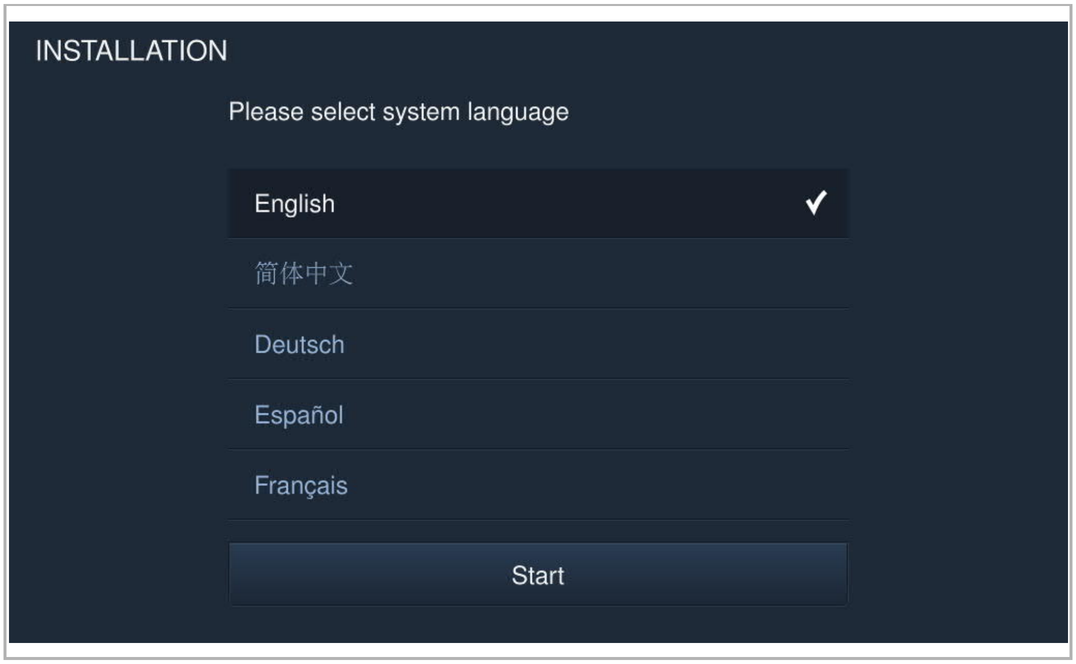


8 Commissioning

8.1 Initial setup

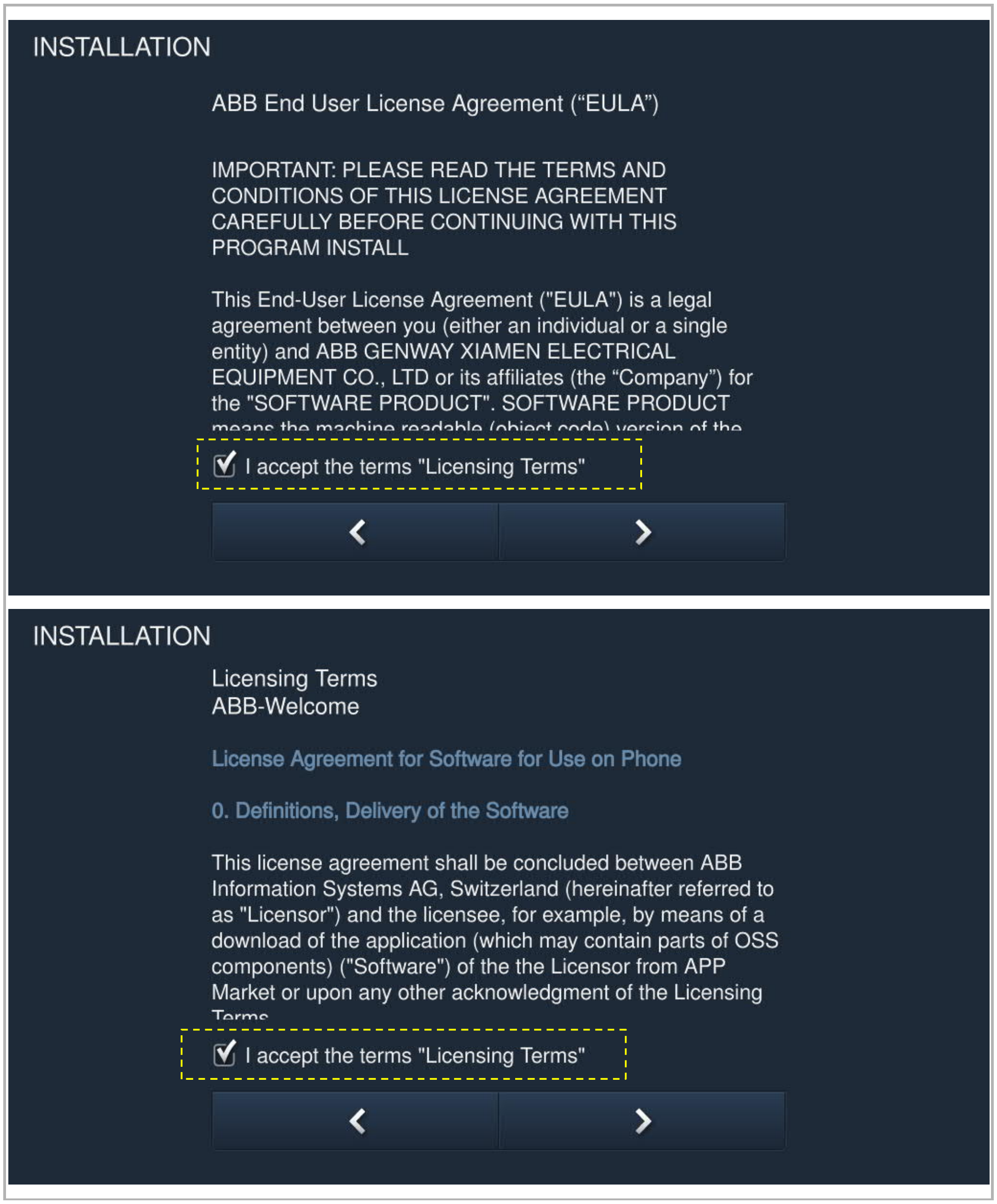
This indoor station enters initial setup automatically when powered on the first time or "Clear all data" is carried out on the "Engineering settings" screen. Please see the "Clear all data" chapter for more details.

1. Selecting a system language



INSTALLATION
Please select system language
English ✓
简体中文
Deutsch
Español
Français
Start

2. Acceptping the licensing terms



INSTALLATION

ABB End User License Agreement ("EULA")

IMPORTANT: PLEASE READ THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT CAREFULLY BEFORE CONTINUING WITH THIS PROGRAM INSTALL

This End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and ABB GENWAY XIAMEN ELECTRICAL EQUIPMENT CO., LTD or its affiliates (the "Company") for the "SOFTWARE PRODUCT". SOFTWARE PRODUCT means the machine readable (object code) version of the

☑ I accept the terms "Licensing Terms"

INSTALLATION

Licensing Terms
ABB-Welcome

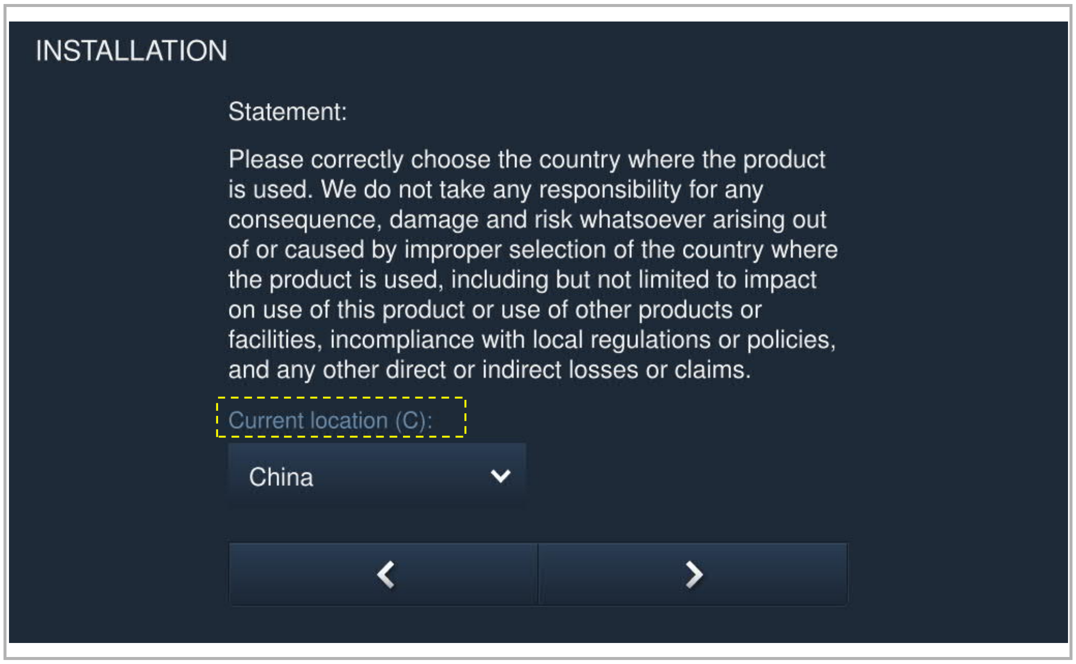
License Agreement for Software for Use on Phone

0. Definitions, Delivery of the Software

This license agreement shall be concluded between ABB Information Systems AG, Switzerland (hereinafter referred to as "Licensor") and the licensee, for example, by means of a download of the application (which may contain parts of OSS components) ("Software") of the the Licensor from APP Market or upon any other acknowledgment of the Licensing Terms

☑ I accept the terms "Licensing Terms"

3. Selecting a country



INSTALLATION

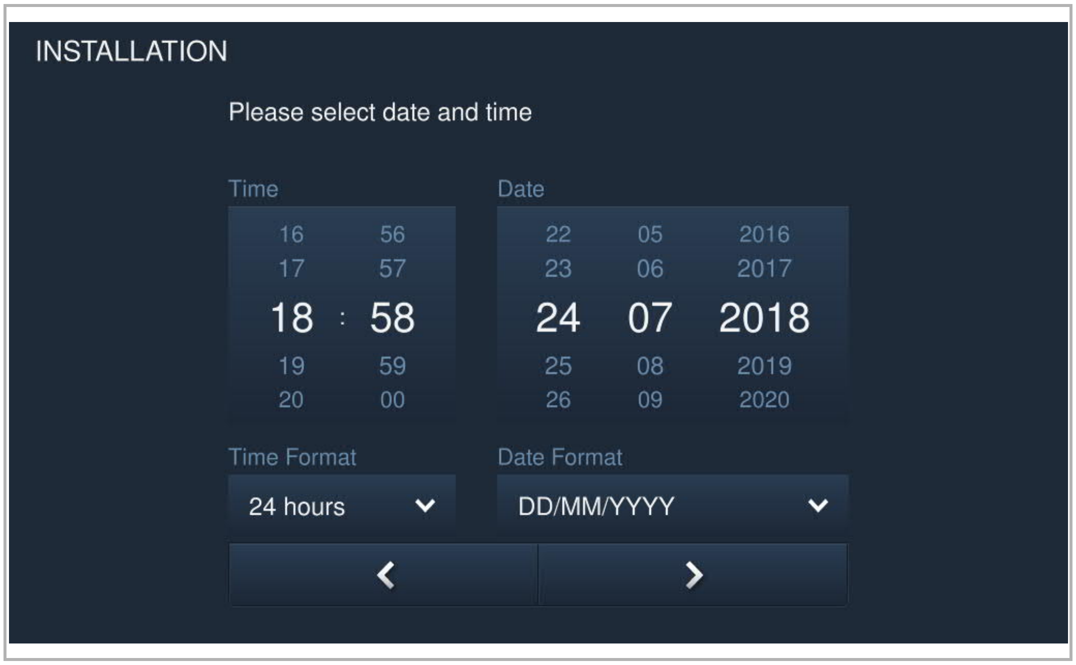
Statement:

Please correctly choose the country where the product is used. We do not take any responsibility for any consequence, damage and risk whatsoever arising out of or caused by improper selection of the country where the product is used, including but not limited to impact on use of this product or use of other products or facilities, incompliance with local regulations or policies, and any other direct or indirect losses or claims.

Current location (C):

China

4. Setting the date and time



INSTALLATION

Please select date and time

Time: 18 : 58

Date: 24 07 2018

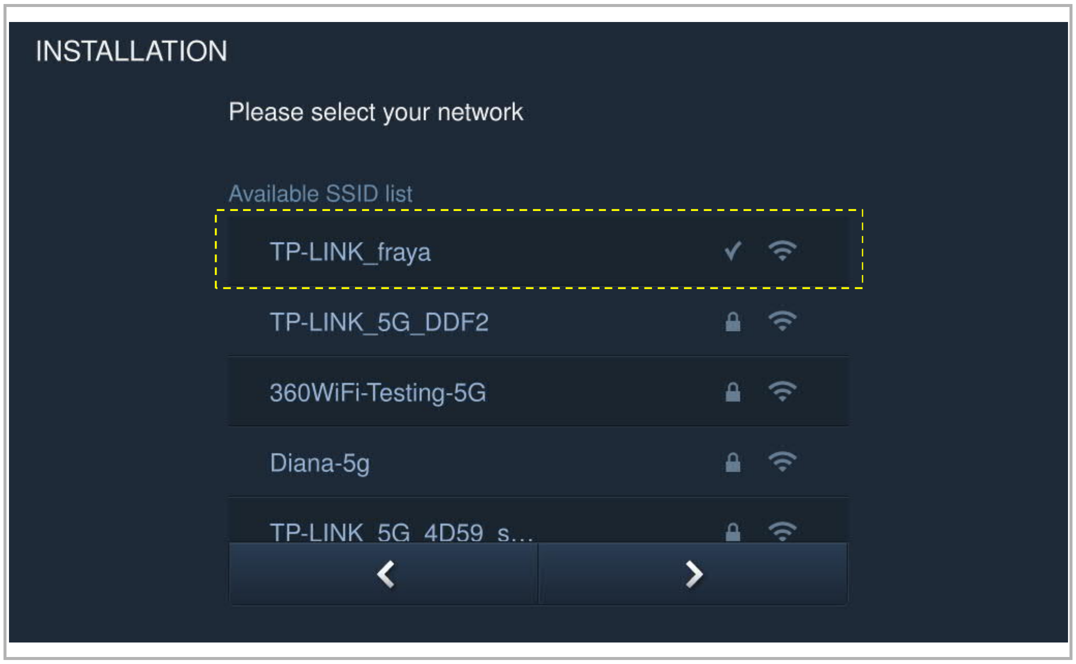
Time Format: 24 hours

Date Format: DD/MM/YYYY

5. Setting the WiFi

This setting applies to IP touch (LAN+WiFi) only.

Please see the "Network settings" chapter for more details.



INSTALLATION

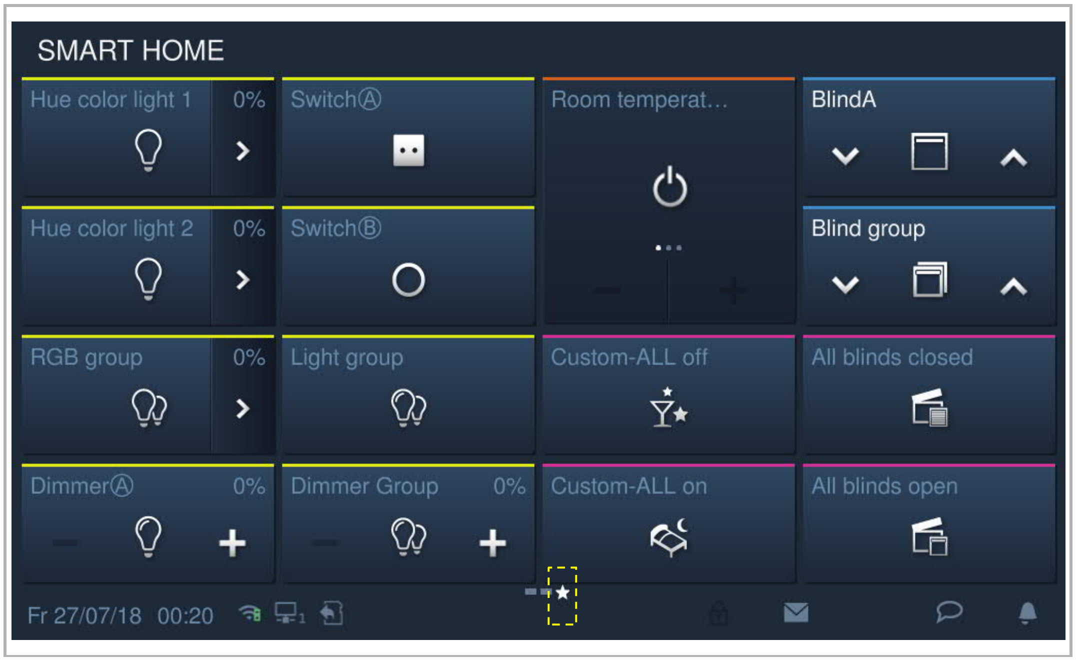
Please select your network

Available SSID list

TP-LINK_fraya ✓
TP-LINK_5G_DDF2
360WiFi-Testing-5G
Diana-5g
TP-LINK_5G_4D59_s...
<
>

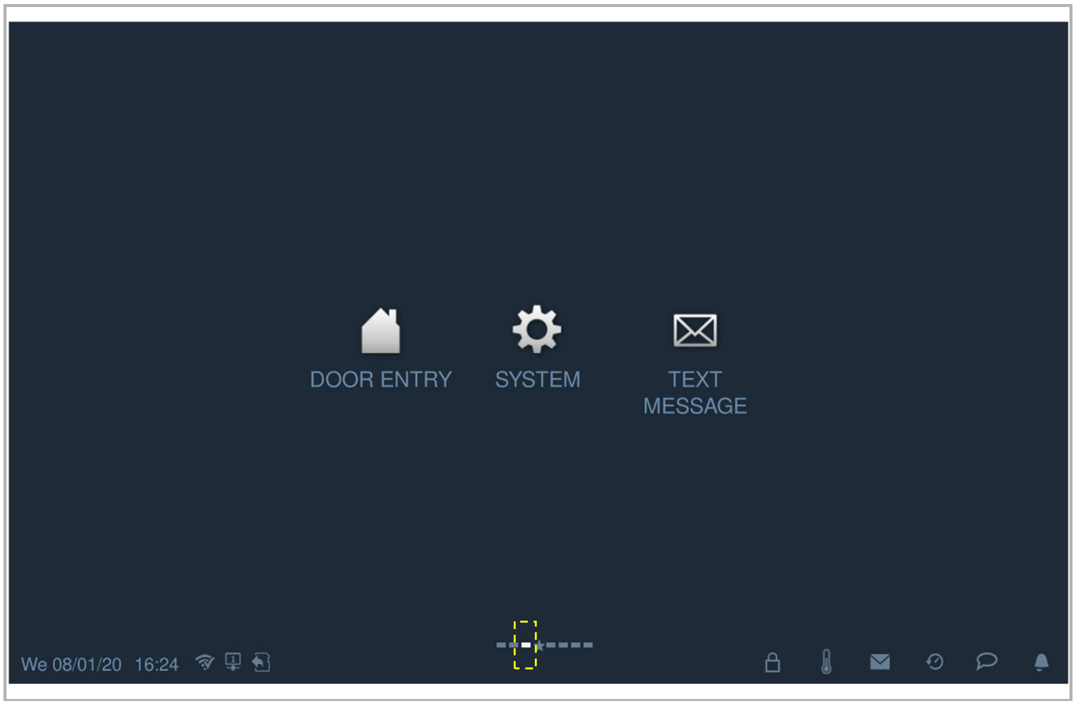
8.2 Home screen

The home screen displays a "★" at the bottom. The system default home screen is "Home automation" screen. The Home screen can be set on the "Engineering setting" screen. .


SMART HOME
Hue color light 1 0%
Switch Ⓐ
Room temperat…
BlindA
Hue color light 2 0%
Switch Ⓑ
Blind group
RGB group 0%
Light group
Custom-ALL off
All blinds closed
Dimmer Ⓐ 0%
Dimmer Group 0%
Custom-ALL on
All blinds open
Fr 27/07/18 00:20

8.3 Extra screen

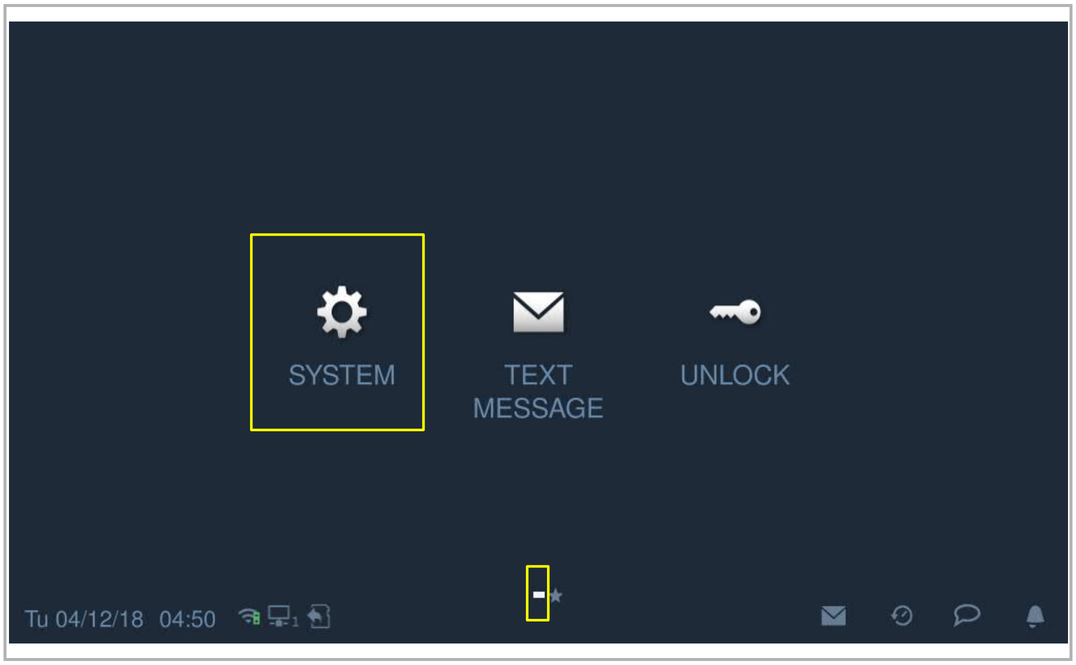
The extra screen displays "-" at the bottom of the screen.


DOOR ENTRY
SYSTEM
TEXT MESSAGE
We 08/01/20 16:24

8.4 System settings

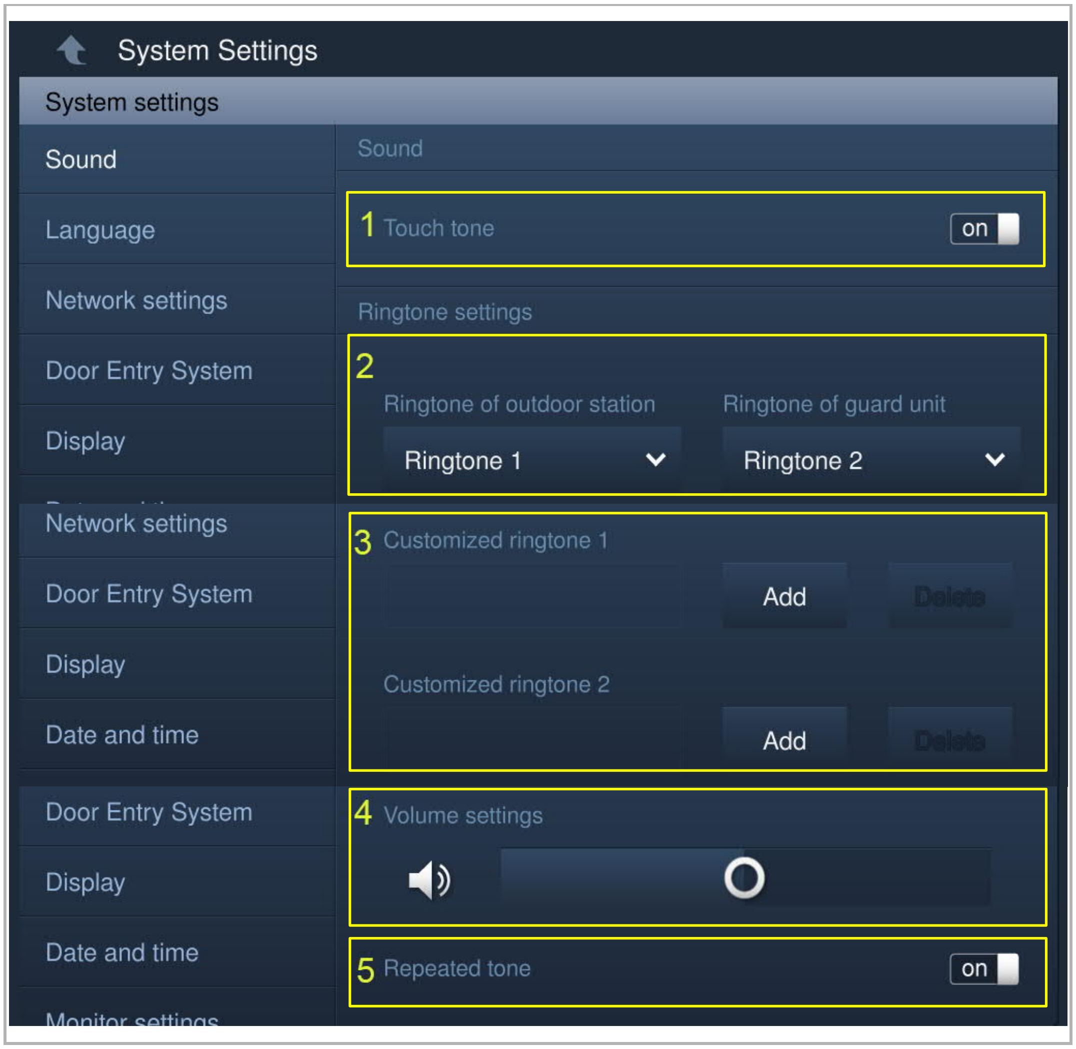
8.4.1 Accessing the "System settings" screen

On the extra screen, click "System" to access the corresponding screen.


SYSTEM
TEXT MESSAGE
UNLOCK
Tu 04/12/18 04:50

8.4.2 Sound setting

On the "System settings" screen, click "Sound" to access the corresponding screen.


System Settings
System settings
Sound
Language
Network settings
Door Entry System
Display
Network settings
Door Entry System
Display
Date and time
Door Entry System
Display
Date and time
Monitor settings
Sound
1
Ringtone settings
2
3
Customized ringtone 1
Add
Delete
Customized ringtone 2
Add
Delete
4
Volume settings

Touch tone on

Ringtone of outdoor station: Ringtone 1

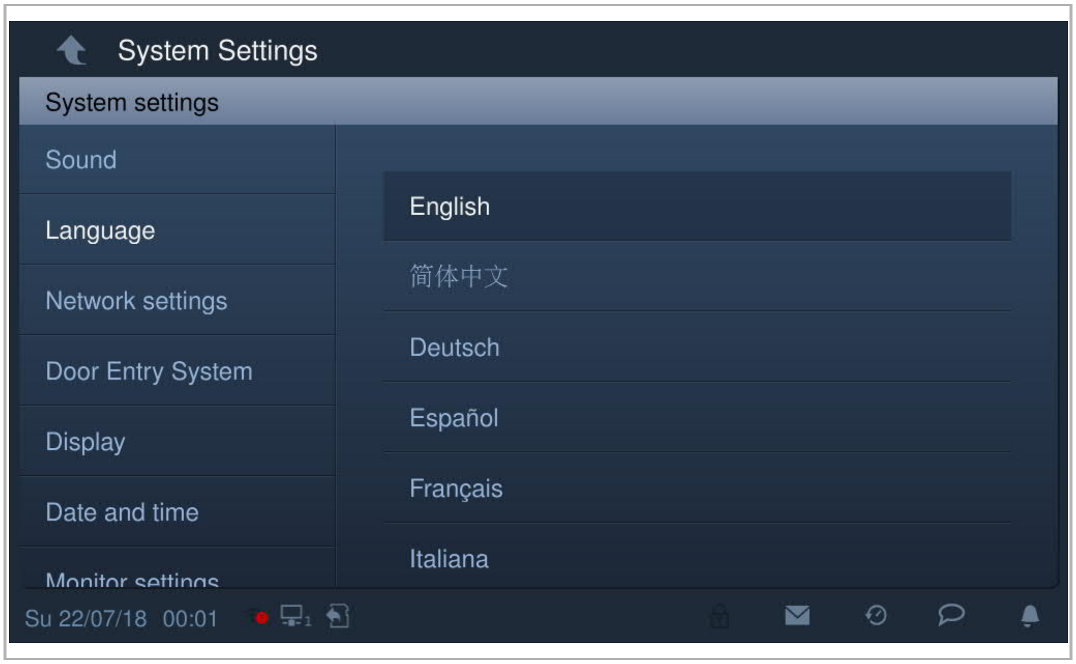
Ringtone of guard unit: Ringtone 2

Repeated tone on

No.	Function
1	**Touch tone setting**
2	**Ringtone setting** Click the drop-down list to select the ringtones for outdoor station, indoor stations, guard unit and doorbell (built-in 4 ringtones).
3	**Customized ringtone** A maximum of 3 customized ringtones can be added from an SD card.
4	**Volume settings** Adjust the volume of the ringtone.
5	**Repeated tone setting** ON = repeated ringtone within 30 s, OFF = rings only once

8.4.3 Language setting

On the "System settings" screen, click "Language" to access the corresponding screen.


System Settings
System settings
Sound
Language
Network settings
Door Entry System
Display
Date and time
Monitor settings
English
简体中文
Deutsch
Español
Français
Italiana
Su 22/07/18 00:01

8.4.4 Network setting

WIFI settings

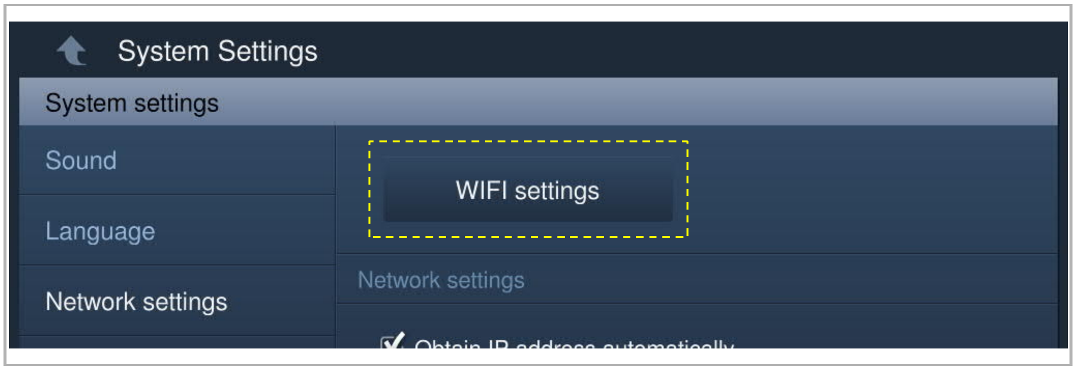
This setting applies to IP touch (LAN+WiFi) only.

1. Connect WiFi

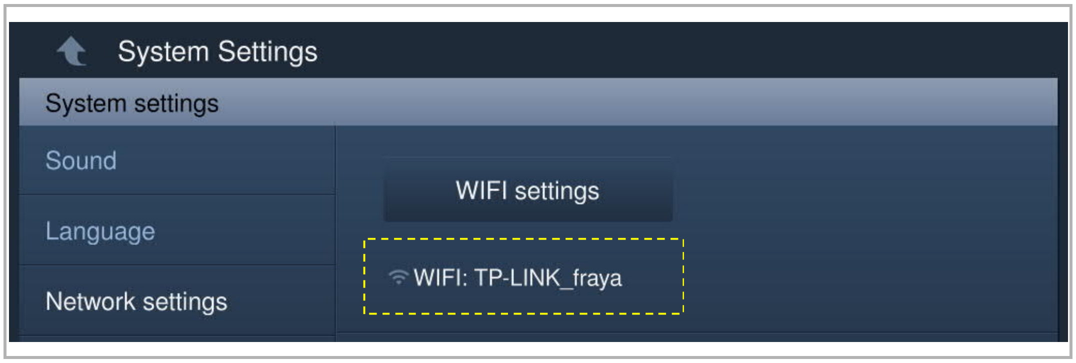
Please ensure the "SSID broadcast" function is used on the router.

On the "System settings" screen, click "Network settings" >> "WiFi settings".

The indoor station will obtain an SSID list automatically. Select a WiFi name from the SSID list and enter the password to connect to that WiFi network.


System Settings
System settings
Sound
Language
Network settings
WIFI settings
Network settings

Go to the "Network settings" screen, and the WiFi name will be displayed if successful.


System Settings
System settings
Sound
Language
Network settings
WIFI settings

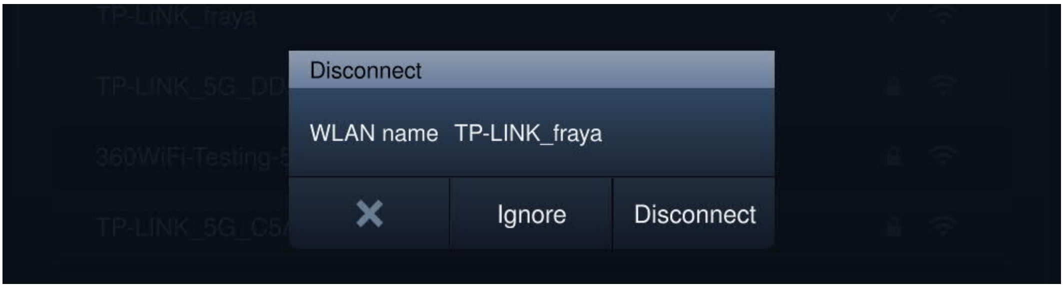
WIFI: TP-LINK_fraya

2. Disconnect WiFi

Select the designated WiFi name from the SSID list, click "Ignore" or "Disconnect" to disconnect the WiFi.

Ignore: password needed to reconnect this WiFi.

Disconnect: no password needed to reconnect this WiFi.

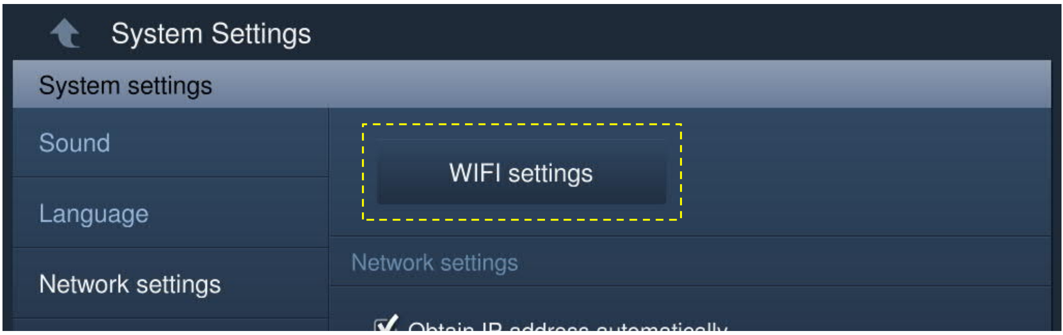


Disconnect

WLAN name TP-LINK_fraya

TP-LINK_fraya
TP-LINK_5G_DD
360WiFi-Testing-5
TP-LINK_5G_C5
✕
Ignore
Disconnect

Go to the "Network settings" screen, the WiFi name will disappear if successful.

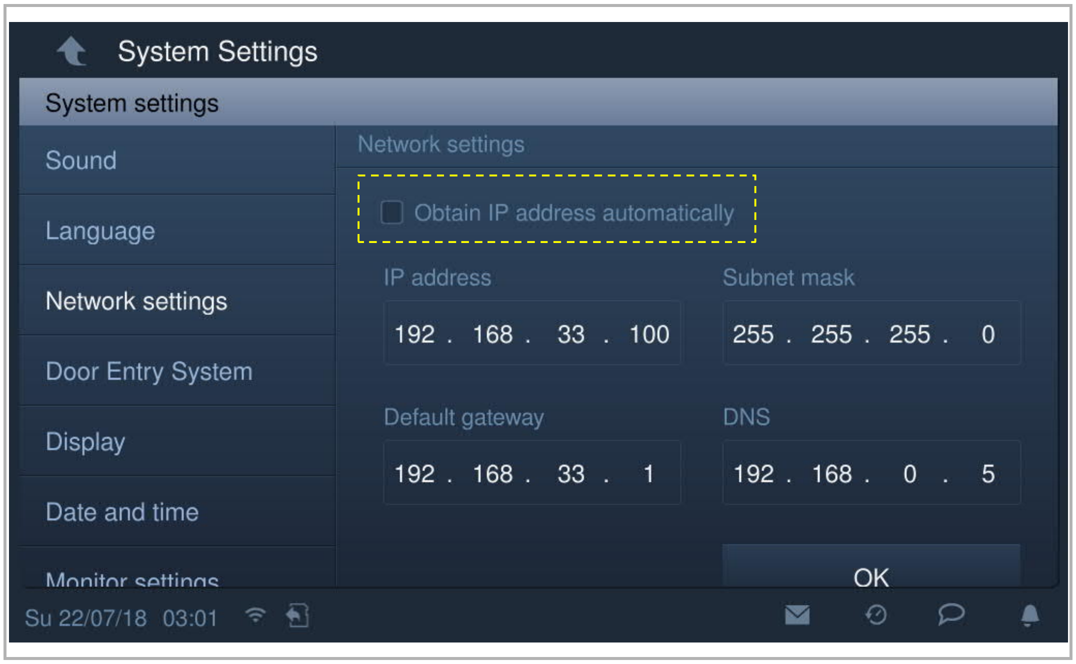


System Settings
System settings
Sound
Language
Network settings
WIFI settings
Network settings
Obtain IP address automatically

IP address setting

The indoor station uses DHCP to obtain an IP address from the router by default.

It is also possible to set the IP address by unticking the checkbox (example below).



System Settings

System settings

Network settings

☐ Obtain IP address automatically

IP address: 192 . 168 . 33 . 100

Subnet mask: 255 . 255 . 255 . 0

Default gateway: 192 . 168 . 33 . 1

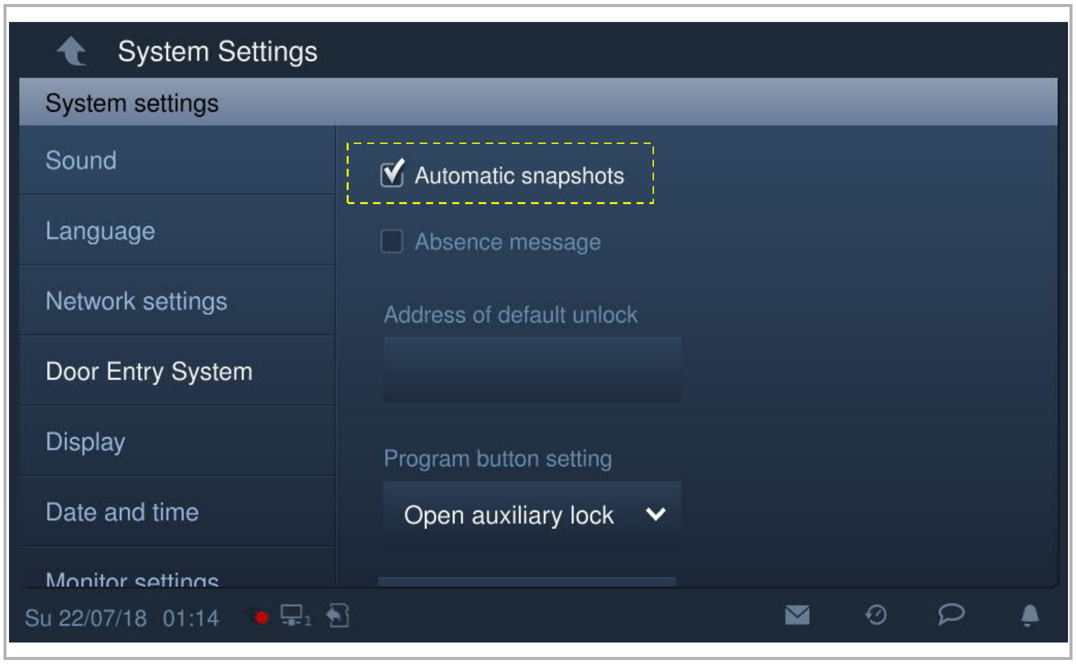
DNS: 192 . 168 . 0 . 5

Sound
Language
Network settings
Door Entry System
Display
Date and time
Monitor settings
OK
Su 22/07/18 03:01

8.4.5 Automatic snapshot setting

On the "System settings" screen, click "Door Entry System" to access the corresponding screen. Then tick the "Automatic snapshots" checkbox to enable the function.

The indoor station will take 3 snapshots automatically during an incoming call.


System Settings
System settings
Sound
Language
Network settings
Door Entry System
Display
Date and time
Monitor settings
☑ Automatic snapshots
☐ Absence message
Address of default unlock
Program button setting
Open auxiliary lock
Su 22/07/18 01:14

8.4.6 Absence message setting

The indoor station allows you to leave voice messages for visitors and to record voice message from visitors.

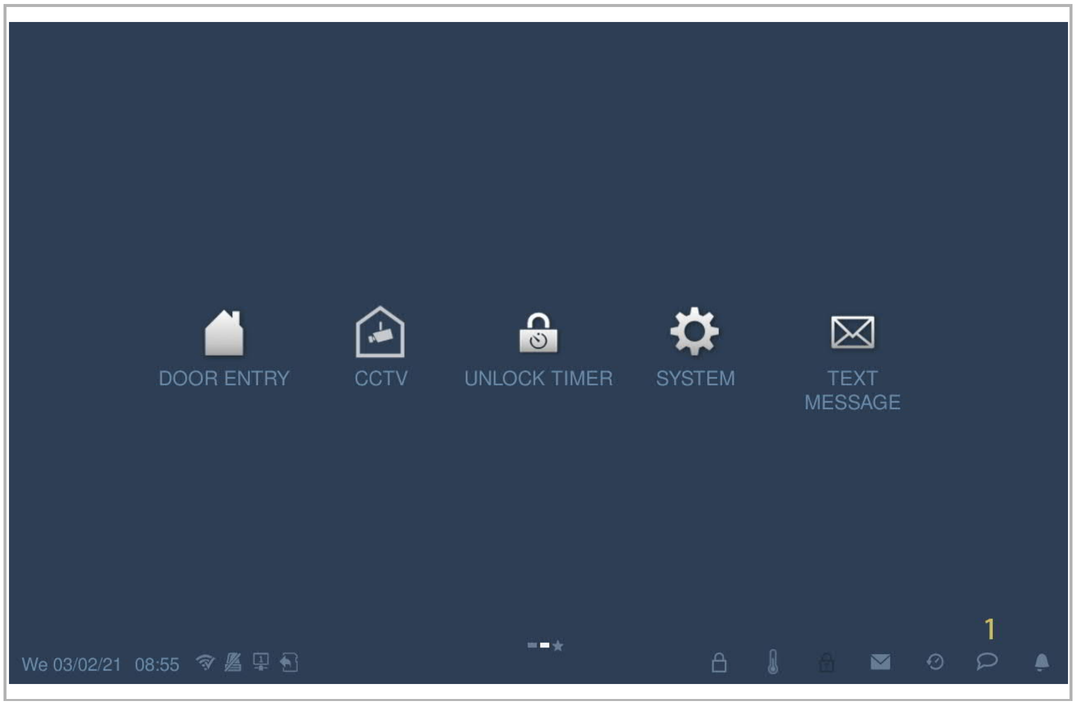
Enable "Absence message"

Note

At least one voice message must exist before this function can be used. .

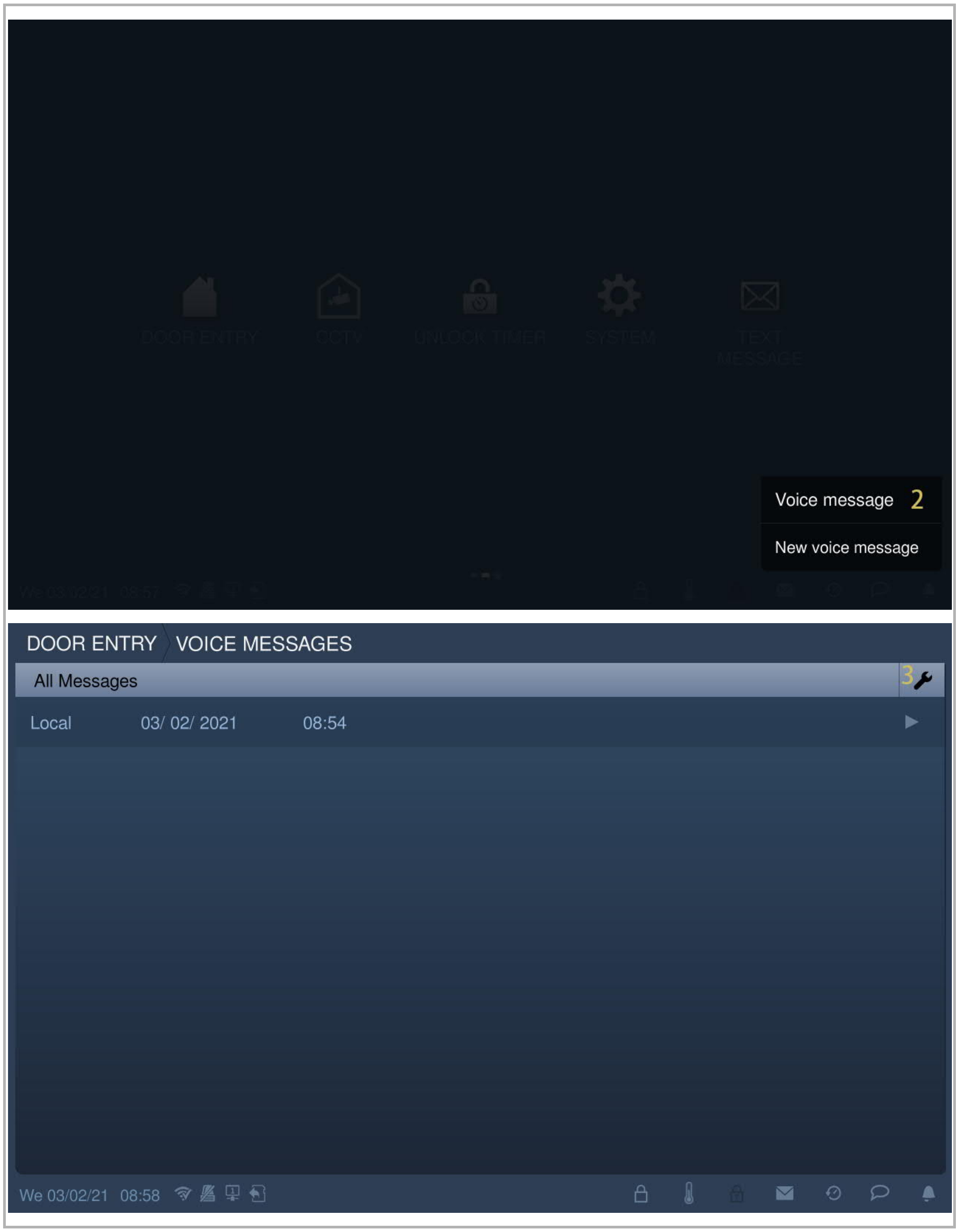
Please follow the steps:

[1] On the IP touch screen, tap "💬" on the status bar.


DOOR ENTRY
CCTV
UNLOCK TIMER
SYSTEM
TEXT MESSAGE
We 03/02/21 08:55
1

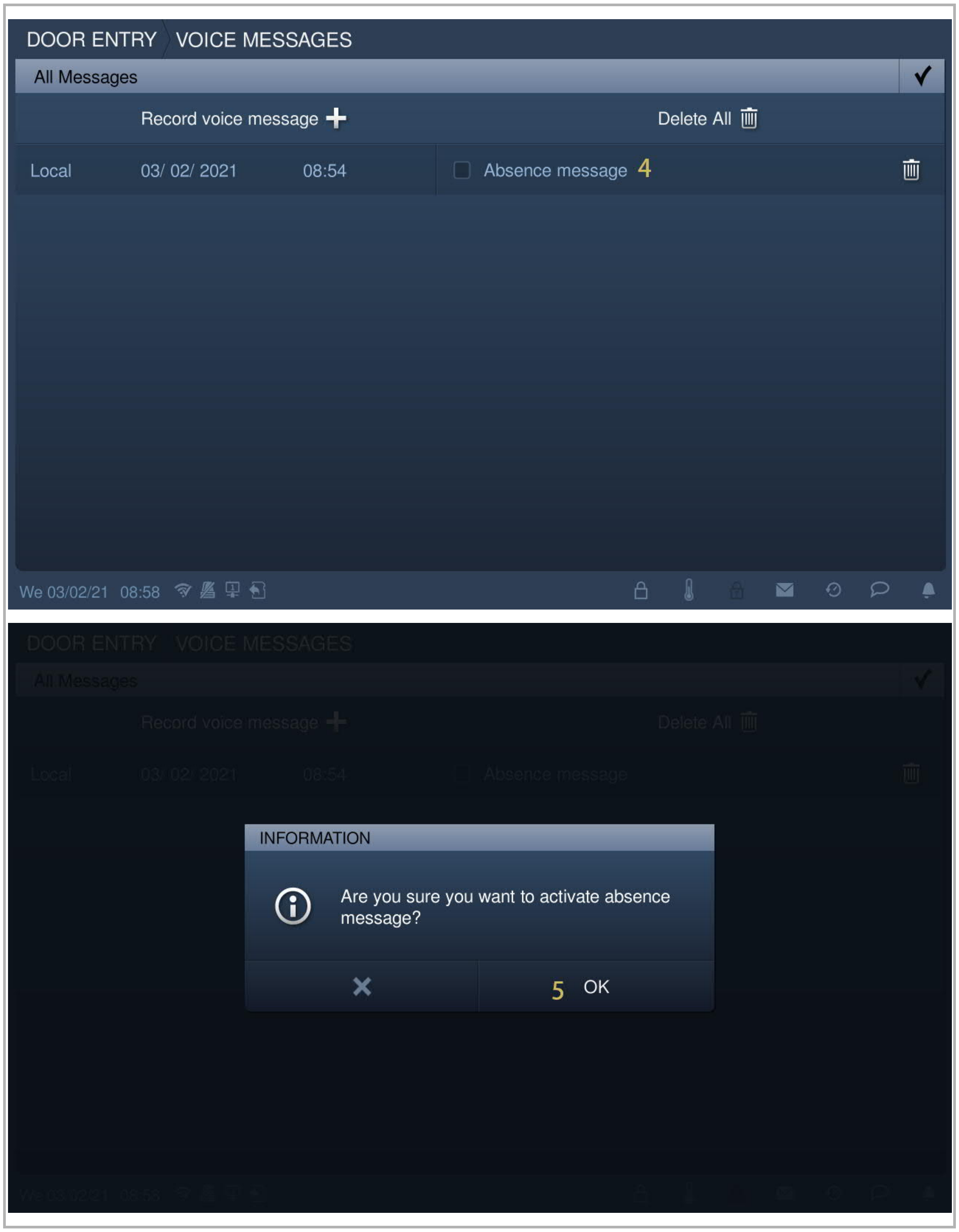
[2] Tap "Voice message".

[3] Tap " 🔧 " to enter the setting mode. If "√ Absence message" has been displayed on the screen, please continue to step 6 and step 7, otherwise continue to step 4 and step 5.


DOOR ENTRY
CCTV
UNLOCK TIMER
SYSTEM
TEXT MESSAGE
Voice message
2
New voice message
We 03/02/21 08:57
DOOR ENTRY
VOICE MESSAGES
All Messages
3
Local
03/ 02/ 2021
08:54
We 03/02/21 08:58

[4] Tick the check box "Absence message".

[5] Tap "OK" to save the setting.

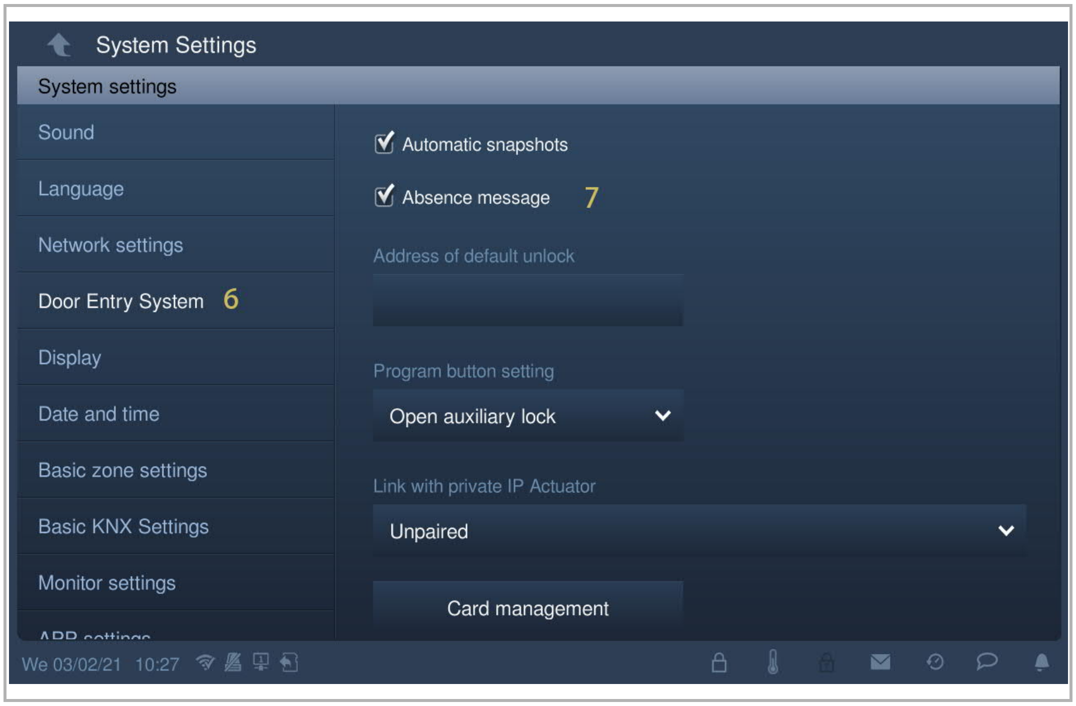


DOOR ENTRY
VOICE MESSAGES
All Messages
✓
Record voice message +
Delete All
Local
03/ 02/ 2021
08:54
☐ Absence message
4
We 03/02/21 08:58
INFORMATION
✕
5
OK

Are you sure you want to activate absence message?

[6] On the "System settings" screen, tap "Door Entry System".

[7] Tick the check box "Absence message" to enable the function.


System Settings
System settings
Sound
Language
Network settings
Door Entry System
6
Display
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
7
Card management
We 03/02/21 10:27

☑ Automatic snapshots

☑ Absence message

Address of default unlock

Program button setting: Open auxiliary lock

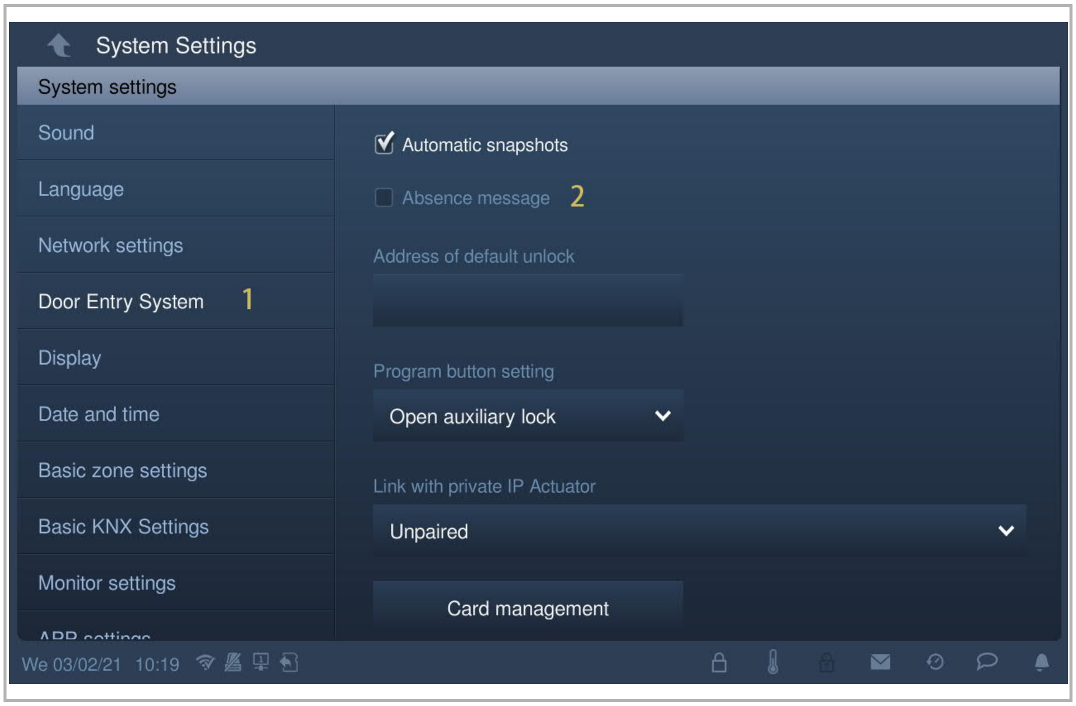
Link with private IP Actuator: Unpaired

Disable "Absence message"

Please follow the steps:

[1] On the "System settings" screen, tap "Door Entry System".

[2] Untick the check box "Absence message" to disable the function.



System Settings

System settings

☑ Automatic snapshots

☐ Absence message

Address of default unlock

Program button setting: Open auxiliary lock

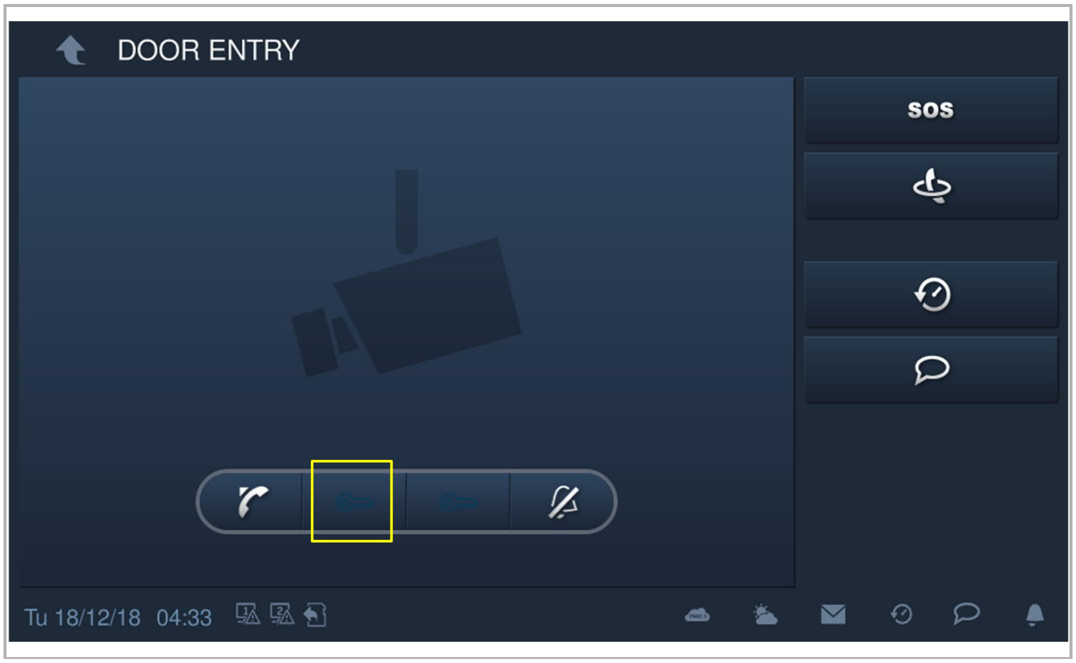
Link with private IP Actuator: Unpaired

Sound
Language
Network settings
Door Entry System
1
Display
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
2
Card management
We 03/02/21 10:19

8.4.7 Unlock button setting

Unlock button

In standby status, on the "Door Entry" screen, the unlock button is disabled by default.


DOOR ENTRY
SOS
Tu 18/12/18 04:33

Activating the "Releasing the default lock" function

Please follow the steps to activate the function:

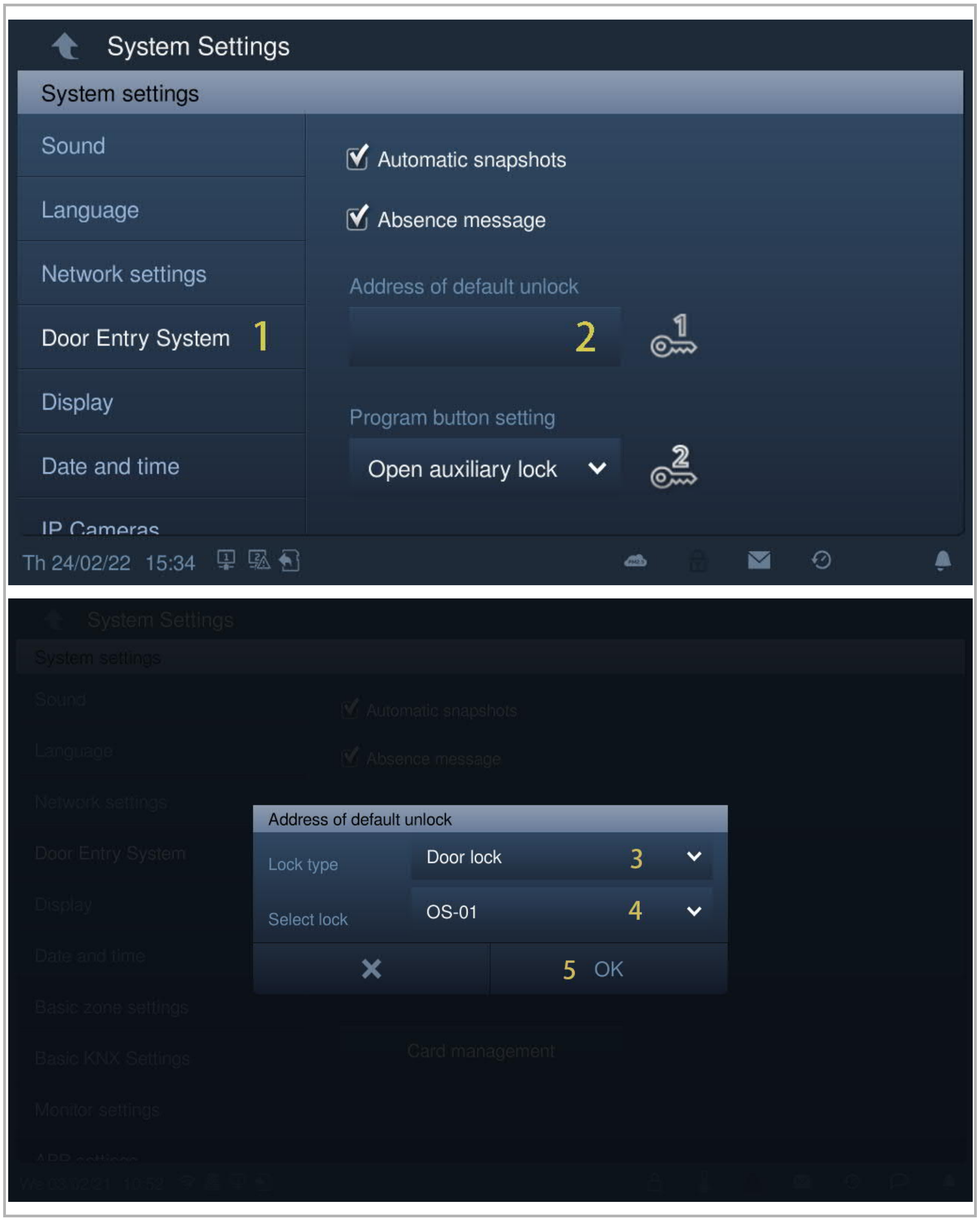
[1] On the "System settings" screen, tap "Door Entry System".

[2] Tap "Address of default unlock".

[3] Select the lock type from the drop-down list. It can be set to "Door lock" or "Actuator lock".

[4] Select the designated device from the drop-down list.

[5] Tap "OK" to save the setting.


System Settings
System settings
Sound
Language
Network settings
Door Entry System
1
Display
Date and time
IP Cameras
Address of default unlock
2
Program button setting
Th 24/02/22 15:34
Address of default unlock
3
4
✕
5
OK
Card management

☑ Automatic snapshots

☑ Absence message

Program button setting: Open auxiliary lock

Lock type: Door lock

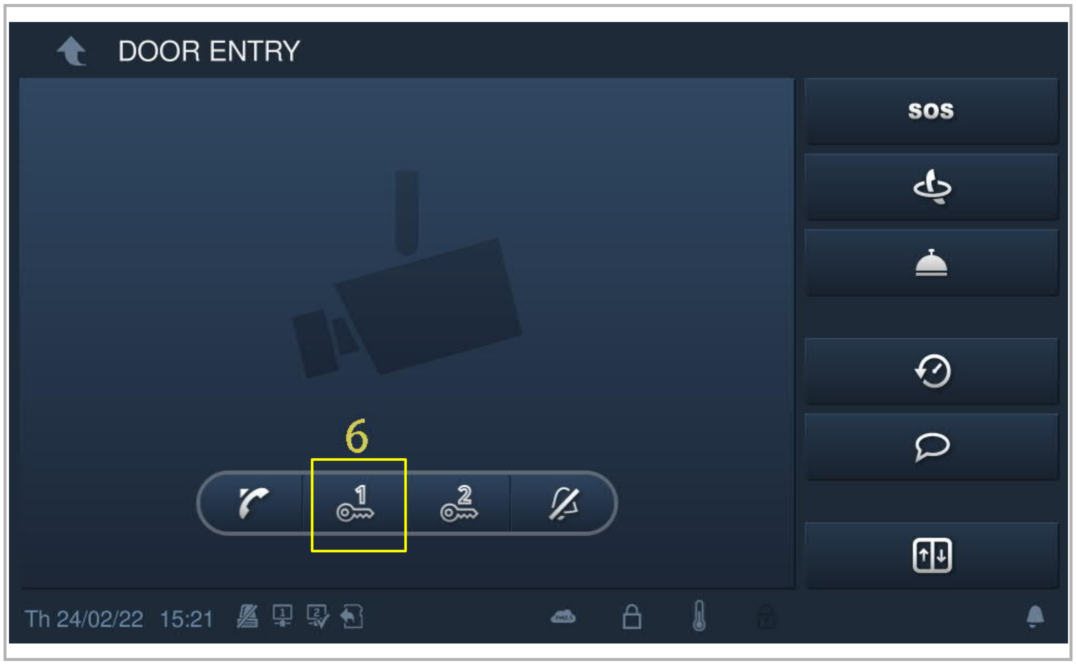
Select lock: OS-01

Note

If the gate station (device type = GS) or network IP actuator need to be assigned the function, a gate station (device ID =1) must be used before assignment.

If the building outdoor station (device type = OS) or building IP actuator need to be assigned the function, a building outdoor station (device ID =1) must be used before assignment.

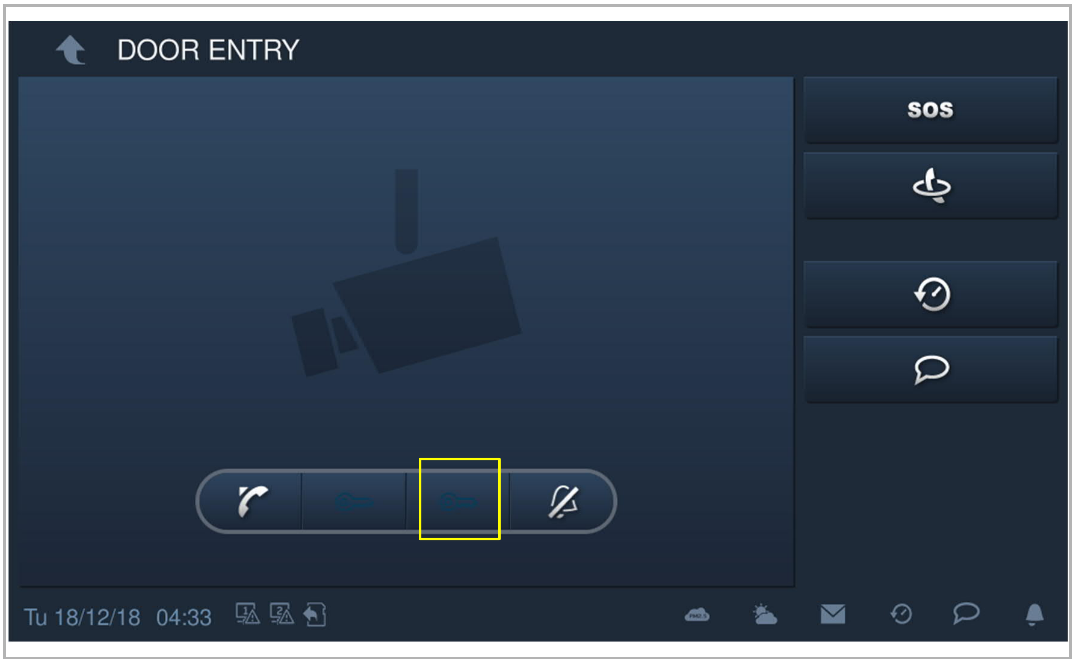
[6] In standby status, on the "Door Entry" screen, the unlock button is assigned to the "Release the default lock" function.



8.4.8 Program button setting

Program button

In standby status, on the "Door Entry" screen, program button is disabled by default.


DOOR ENTRY
SOS
Tu 18/12/18 04:33

Assigning the "Open auxiliary lock" function

Please follow the steps to assign the address:

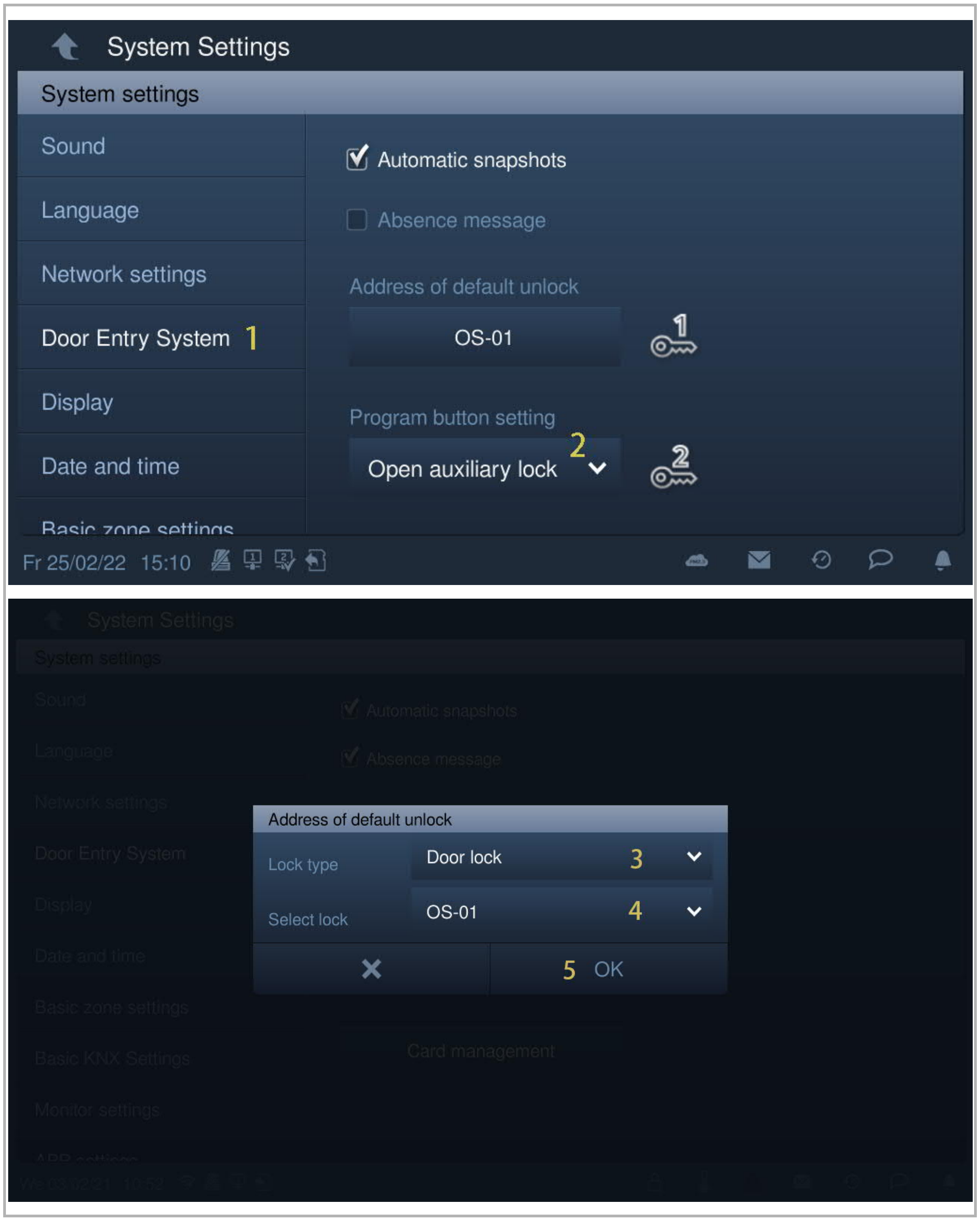
[1] On the "System settings" screen, tap "Door Entry System". The program button is assigned to the "Open auxiliary lock" function by default.

[2] Tap "Address of default unlock".

[3] Select the lock type from the drop-down list. It can be set to "Door lock" or "Actuator lock".

[4] Select the designated device from the drop-down list.

[5] Tap "OK" to save the setting.



☑ Automatic snapshots

☐ Absence message

Address of default unlock: OS-01

Program button setting: Open auxiliary lock

Address of default unlock

Lock type: Door lock

Select lock: OS-01

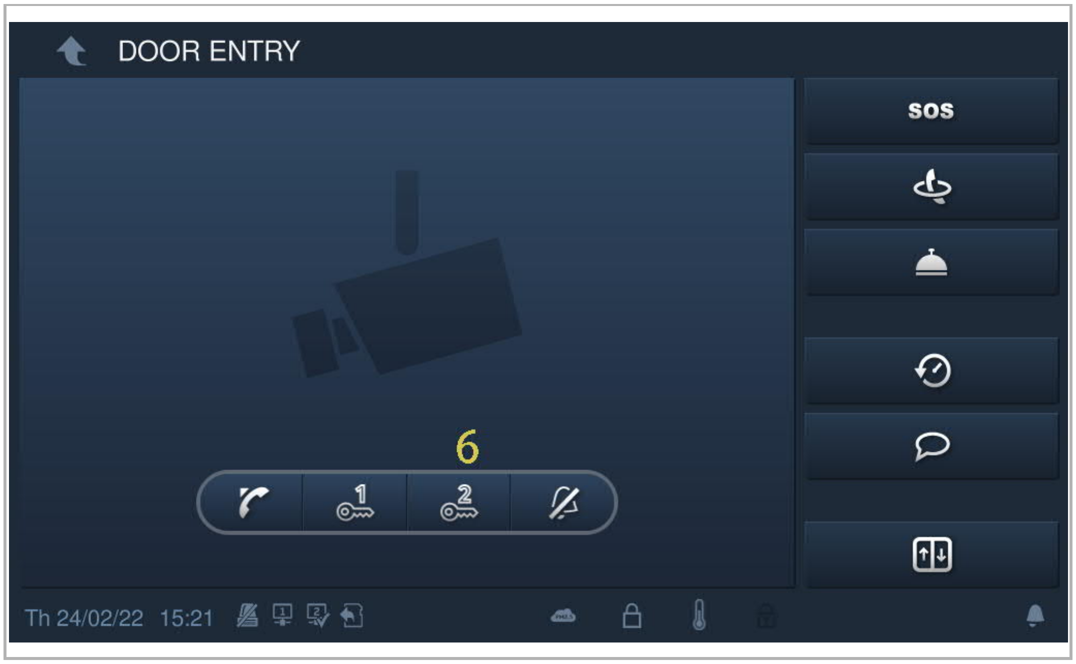
System Settings
System settings
Sound
Language
Network settings
Door Entry System
1
Display
Date and time
Basic zone settings
2
Fr 25/02/22 15:10
3
4
✕
5
OK

Note

If the gate station (device type = GS) or network IP actuator need to be assigned the function, a gate station (device ID =1) must be used before assignment.

If the building outdoor station (device type = OS) or building IP actuator need to be assigned the function, a building outdoor station (device ID =1) must be used before assignment.

[6] In standby status, on the "Door Entry" screen, the program button has been assigned to the "Open the auxiliary lock" function.



Assigning the "Turn on the light" function

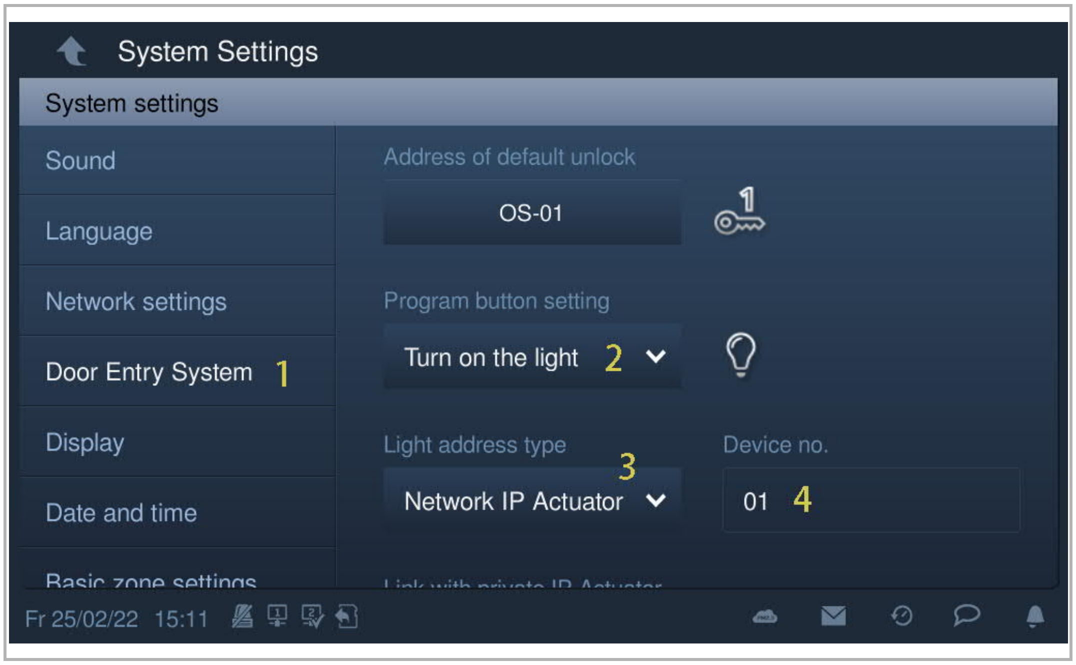
Please follow the steps to assign the address:

[1] On the "System settings" screen, tap "Door Entry System".

[2] Select "Turn on the light" from the drop-down list.

[3] Select the IP actuator type from the drop-down list. It can be set to "Network IP actuator", "Building IP actuator" or "Private IP actuator".

[4] Enter the device number.


System Settings
System settings
Sound
Language
Network settings
Door Entry System 1
Display
Date and time
Basic zone settings
Fr 25/02/22 15:11

Address of default unlock: OS-01

Program button setting: Turn on the light 2

Light address type 3: Network IP Actuator

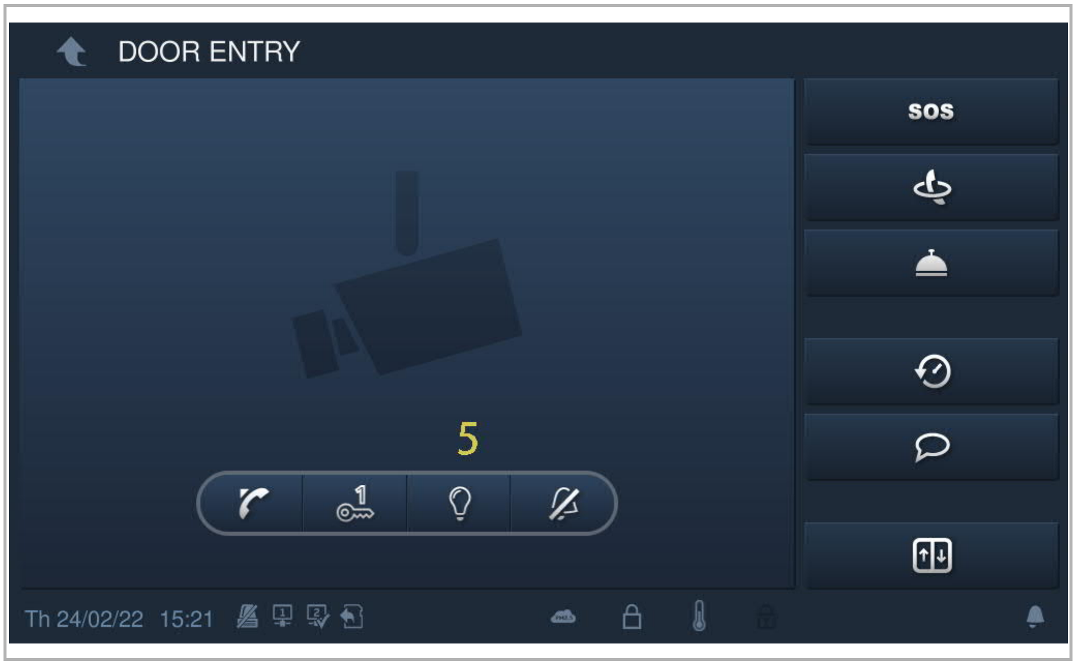
Device no.: 01 4

Note

If the IP actuator needs to be assigned the function, a gate station (device ID =1) must be used before assignment.

If the building IP actuator needs to be assigned the function, a building outdoor station (device ID =1) must be used before assignment.

[5] In standby status, on the "Door Entry" screen, the program button has been assigned to "Turn on the light" function.


DOOR ENTRY
SOS
5
Th 24/02/22 15:21

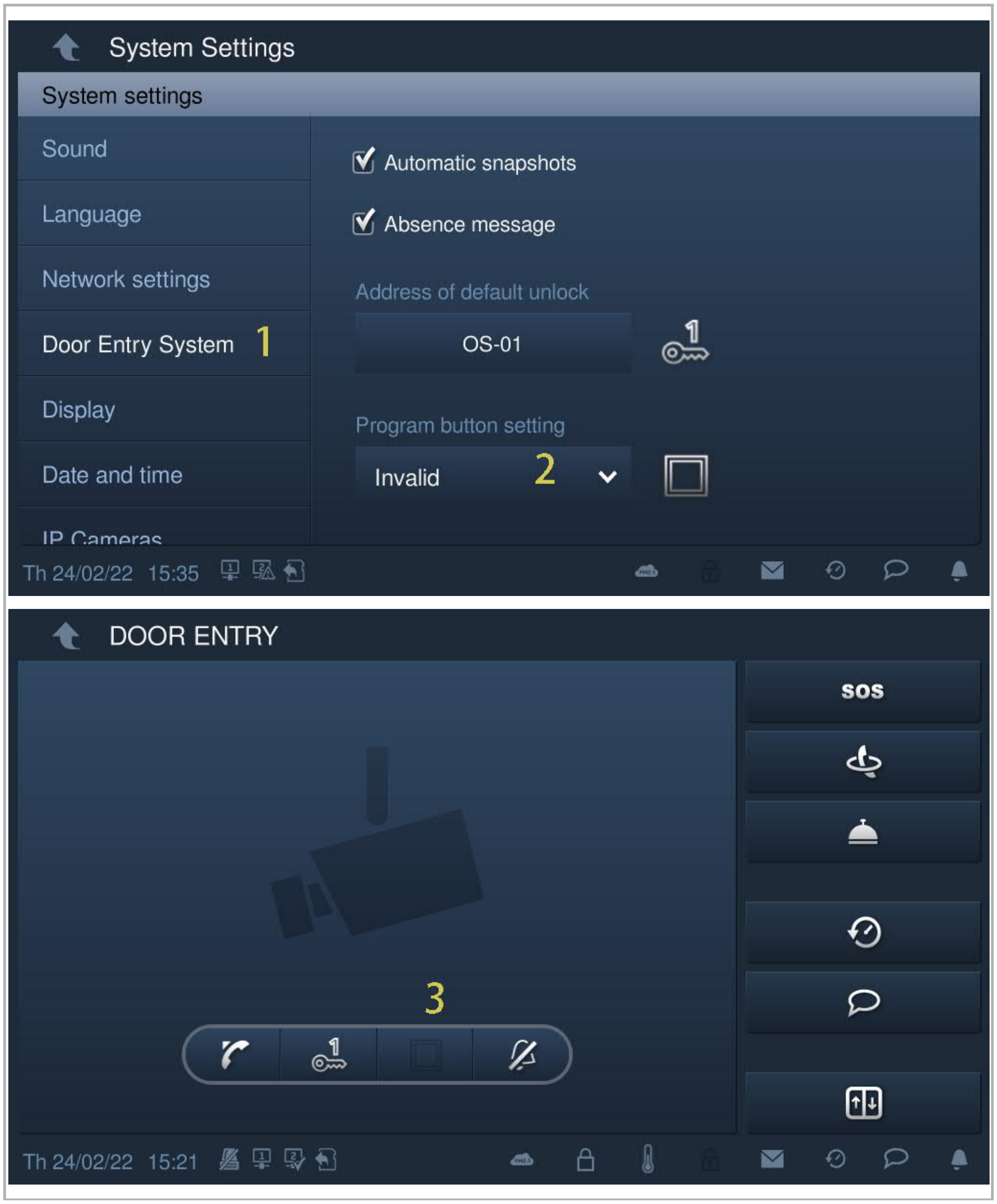
Disable the program button

Please follow the steps to assign the address:

[1] On the "System settings" screen, tap "Door Entry System".

[2] Select "Invalid" from the drop-down list.

[3] In standby status, on the "Door Entry" screen, the program button has the function disabled.



System Settings

System settings

☑ Automatic snapshots

☑ Absence message

Address of default unlock

OS-01

Program button setting

Invalid

DOOR ENTRY

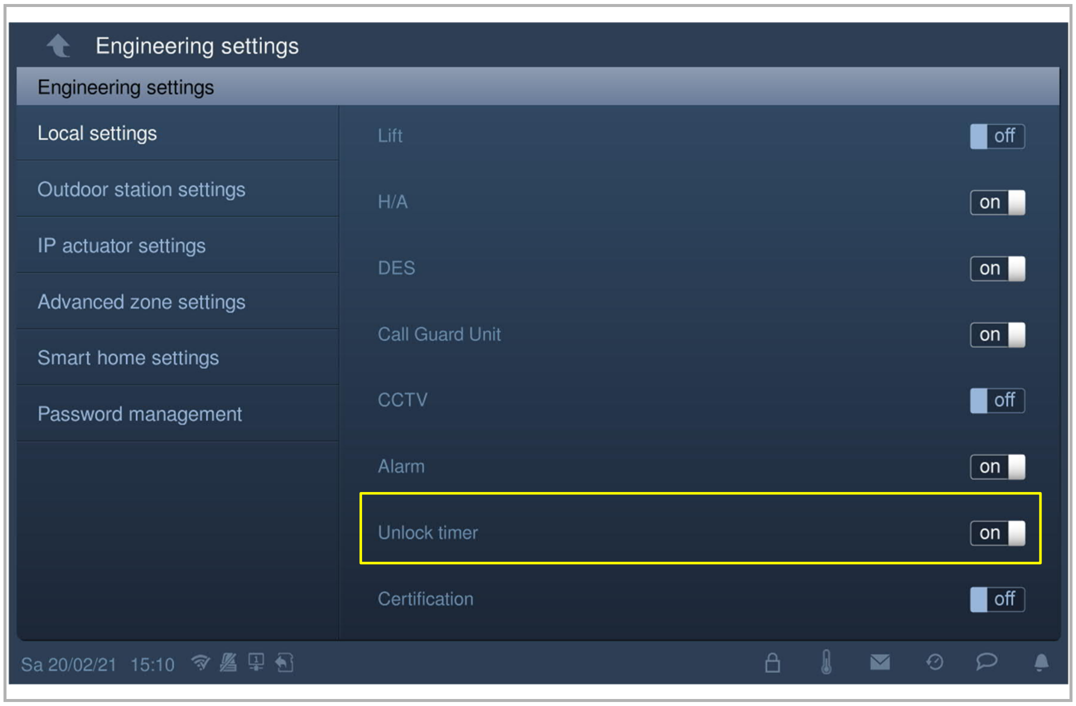
Sound
Language
Network settings
Door Entry System
1
Display
Date and time
IP Cameras
2
Th 24/02/22 15:35
SOS
3
Th 24/02/22 15:21

8.4.9 Auto unlock setting

You can use the "Auto unlock" function to release the locks on the default outdoor station automatically during the designated period.

Precondition

On the "Engineering settings", "Local settings" screen, the "Unlock timer" function must be enabled.



Engineering settings

Engineering settings

Local settings

Outdoor station settings

IP actuator settings

Advanced zone settings

Smart home settings

Password management

Lift	off
H/A	on
DES	on
Call Guard Unit	on
CCTV	off
Alarm	on
Unlock timer	on
Certification	off

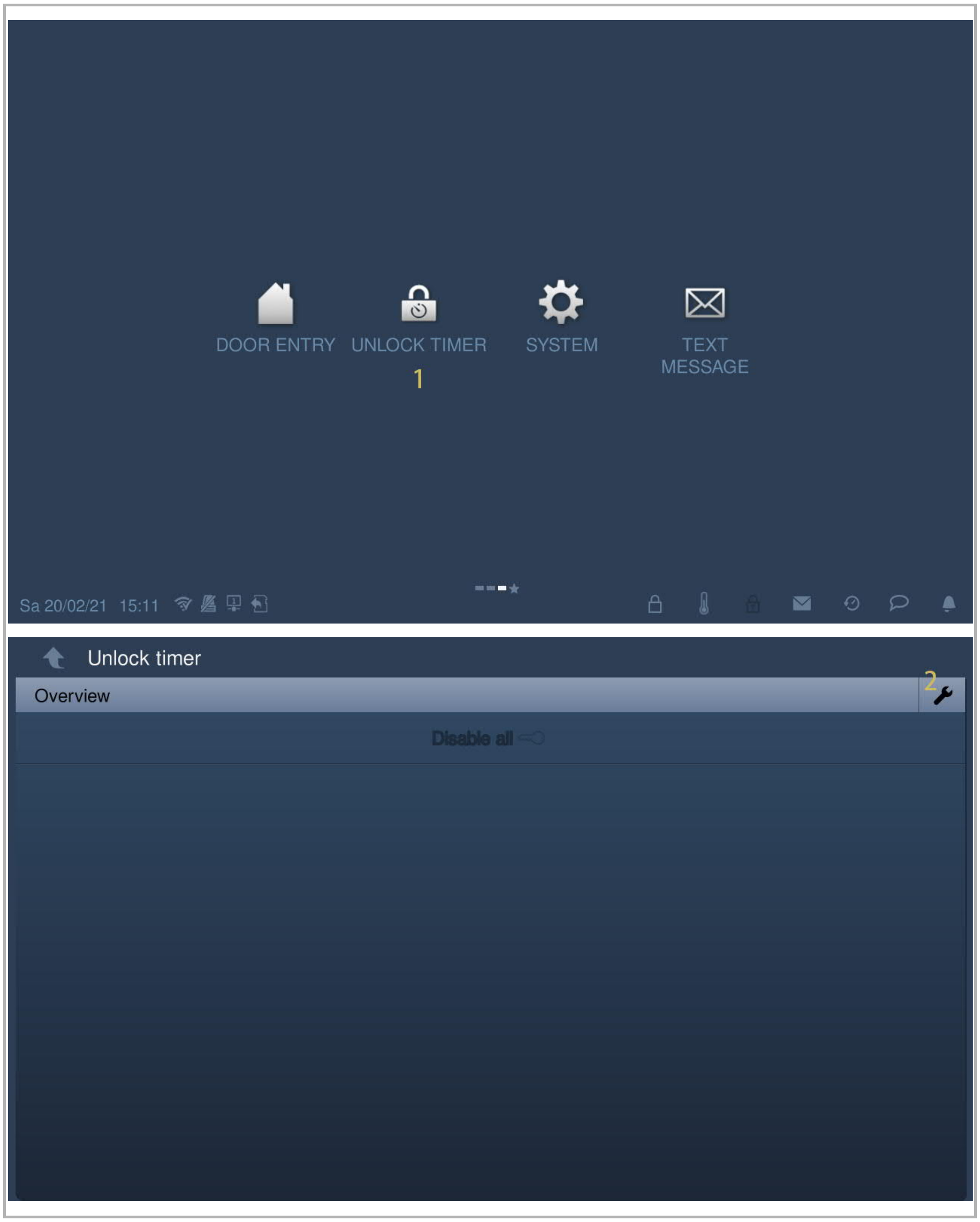
Sa 20/02/21 15:10

Auto unlock setting

Please follow the steps below:

[1] On the extra screen, tap "Unlock timer" to access the corresponding screen.

[2] Tap "🔧".


DOOR ENTRY
UNLOCK TIMER
1
SYSTEM
TEXT MESSAGE
Sa 20/02/21 15:11
Unlock timer
Overview
2
Disable all

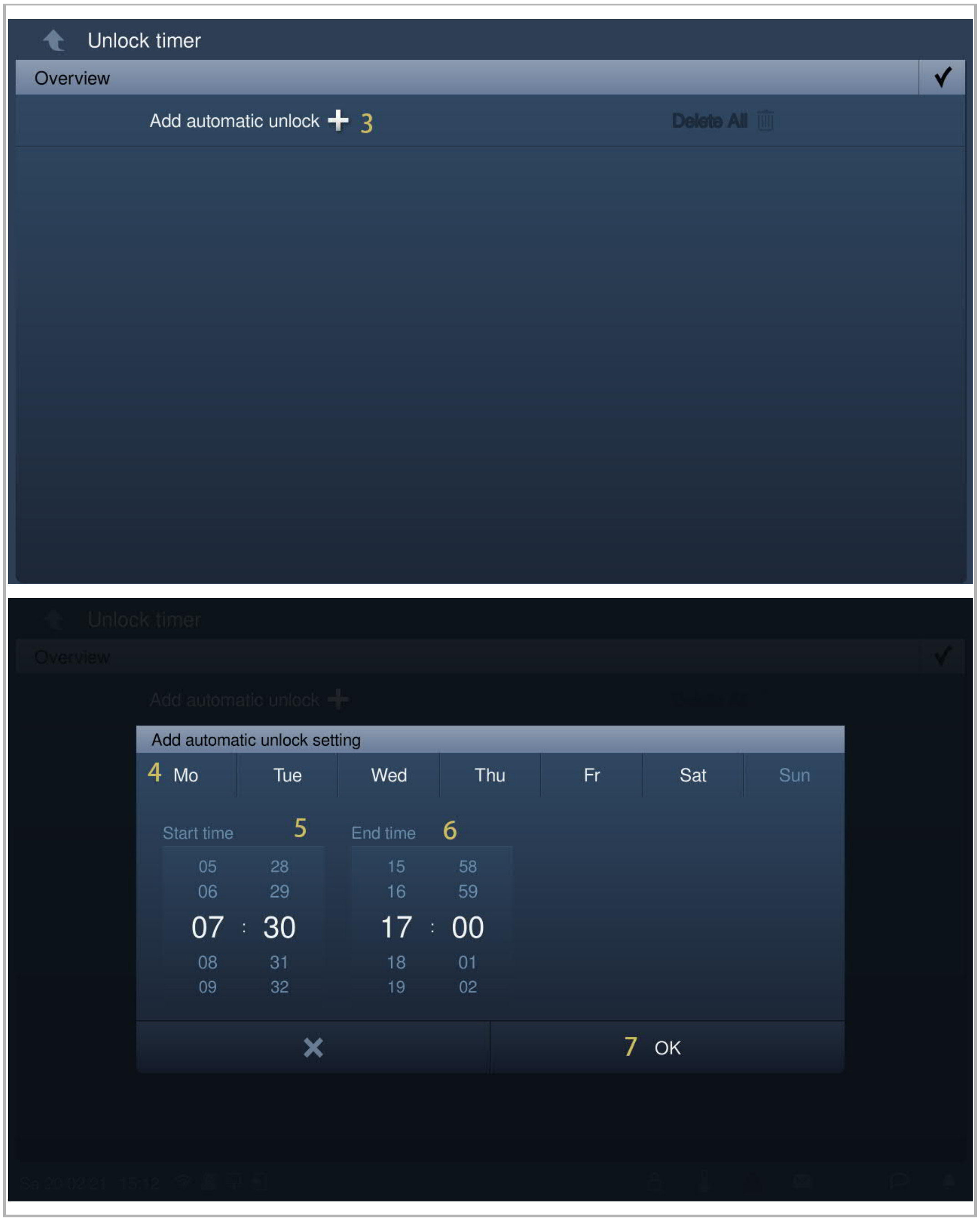
[3] Tap "Add automatic unlock".

[4] Select the days of the week, with the selected options shown with highlighting.

[5] Set the start time.

[6] Set the end time.

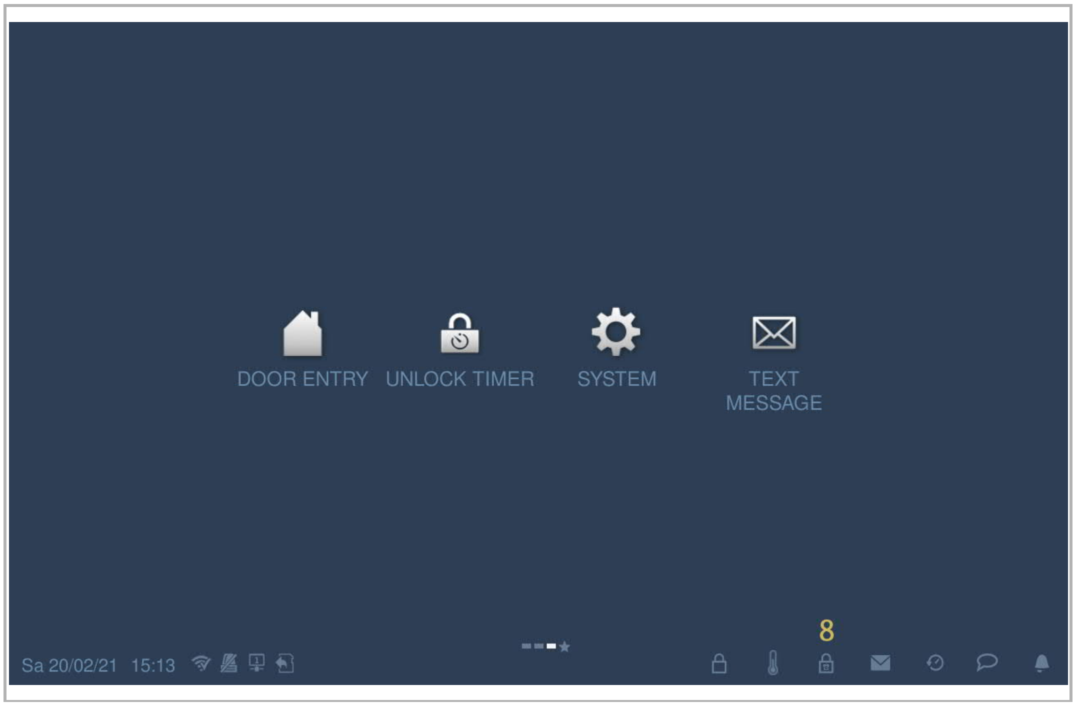
[7] Tap "OK".


Unlock timer
Overview
Add automatic unlock
3
Delete All
Add automatic unlock setting
4
Mo
Tue
Wed
Thu
Fr
Sat
Sun
Start time
5
End time
6
05 28
06 29
07 : 30
08 31
09 32
15 58
16 59
17 : 00
18 01
19 02
7
OK

Note
A maximum of 10 items is supported.

[8] With this setting, this device will enter auto unlock mode automatically and display " 🔒 " on the status bar.

[9] The lock will be released automatically 5 s later during an incoming call.

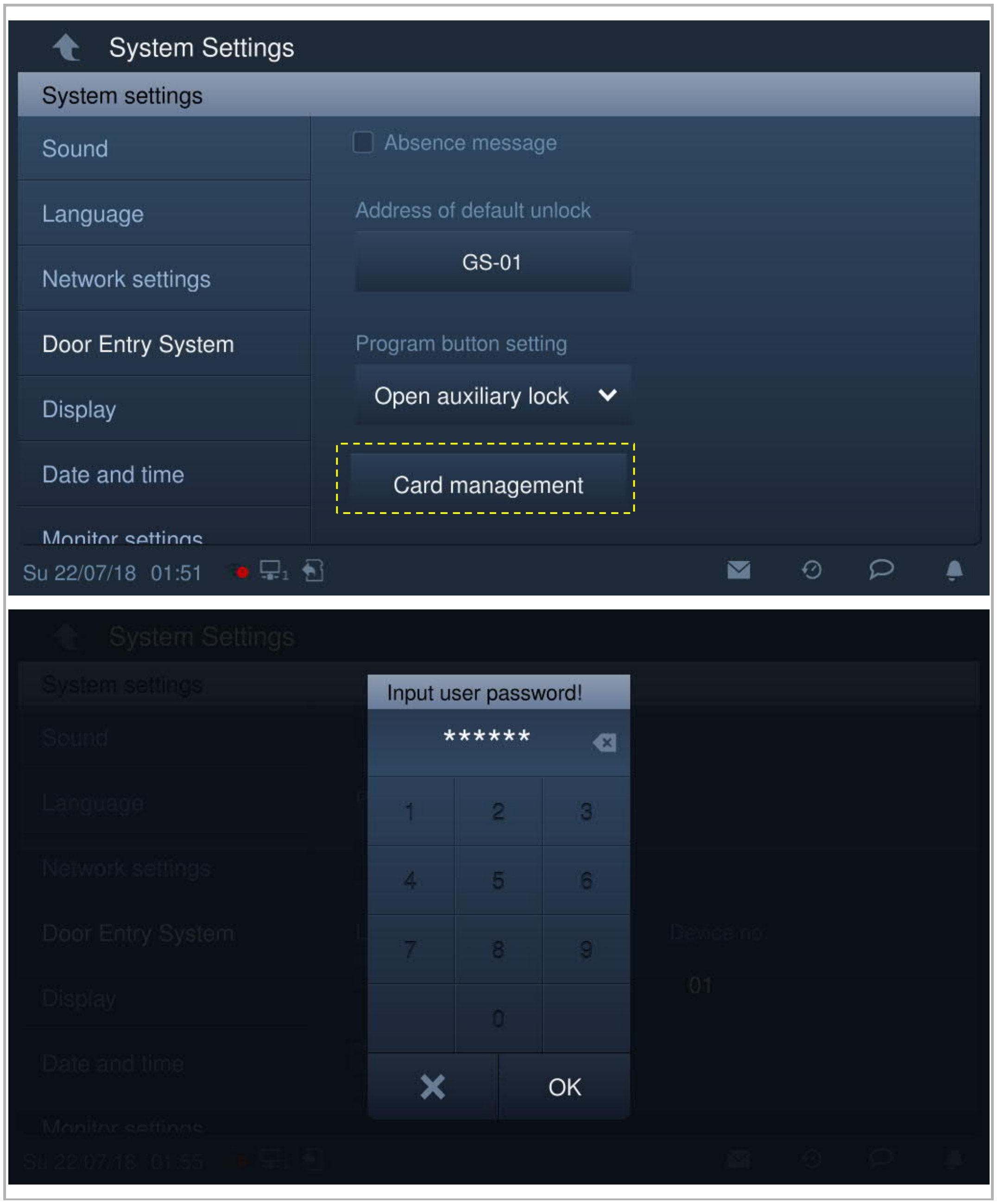

DOOR ENTRY
UNLOCK TIMER
SYSTEM
TEXT MESSAGE
8
Sa 20/02/21 15:13

8.4.10 Card management

This indoor station can manage IC cards for IP pushbutton outdoor station.

Note
It is recommended that IC cards are created and maintained using local outdoor stations or management software only.

On the "System settings" screen, click "Door Entry System", "Card management", and enter the user password (the system default is 123456) to access the corresponding screen.


System Settings
System settings
Sound
Language
Network settings
Door Entry System
Display
Date and time
Monitor settings
Su 22/07/18 01:51
Card management
Input user password!
1
2
3
4
5
6
7
8
9
0
OK

☐ Absence message

Address of default unlock: GS-01

Program button setting: Open auxiliary lock

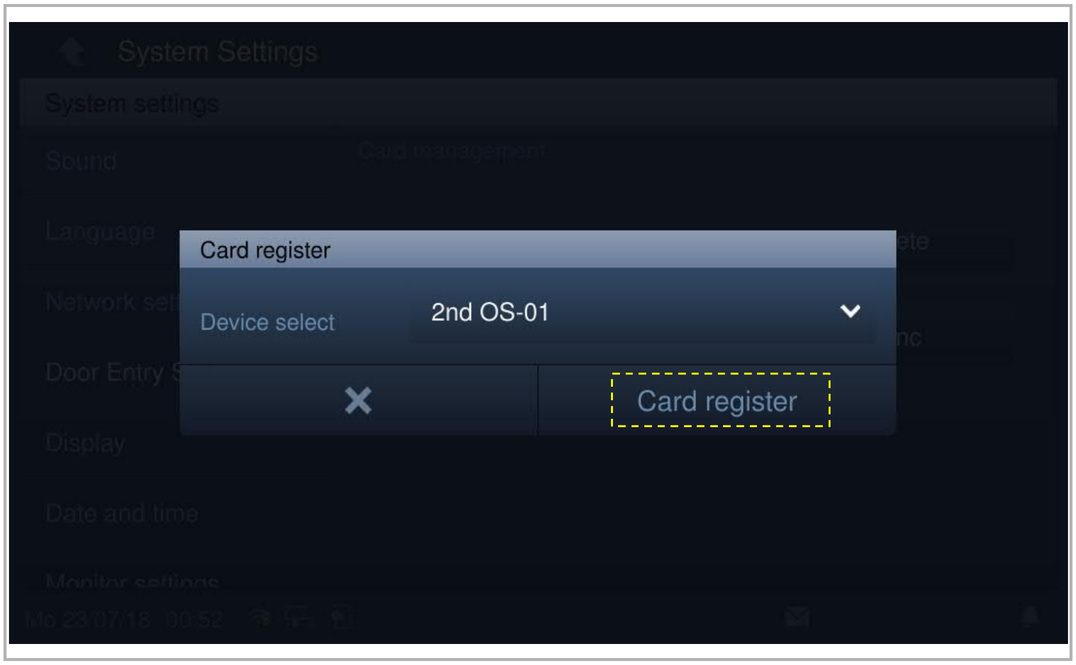
Input user password! ******

Card register

1. Enter registering mode

On the "Card management" screen, click "Card register", select the device and then click "Card register".

The pushbutton module on the outdoor station will flash orange as a prompt to swipe an IC card.


System Settings
System settings
Sound
Language
Network set
Door Entry S
Display
Date and time
Monitor settings
Card management
Card register
✕
Card register
Mo 23/07/18 00:52

Device select: 2nd OS-01

2. Exit registration mode

Press the first button on the outdoor station to exit registration mode.

If an IC card has been registered, the outdoor station will exit registration mode automatically if no operations are carried out within 15 s.

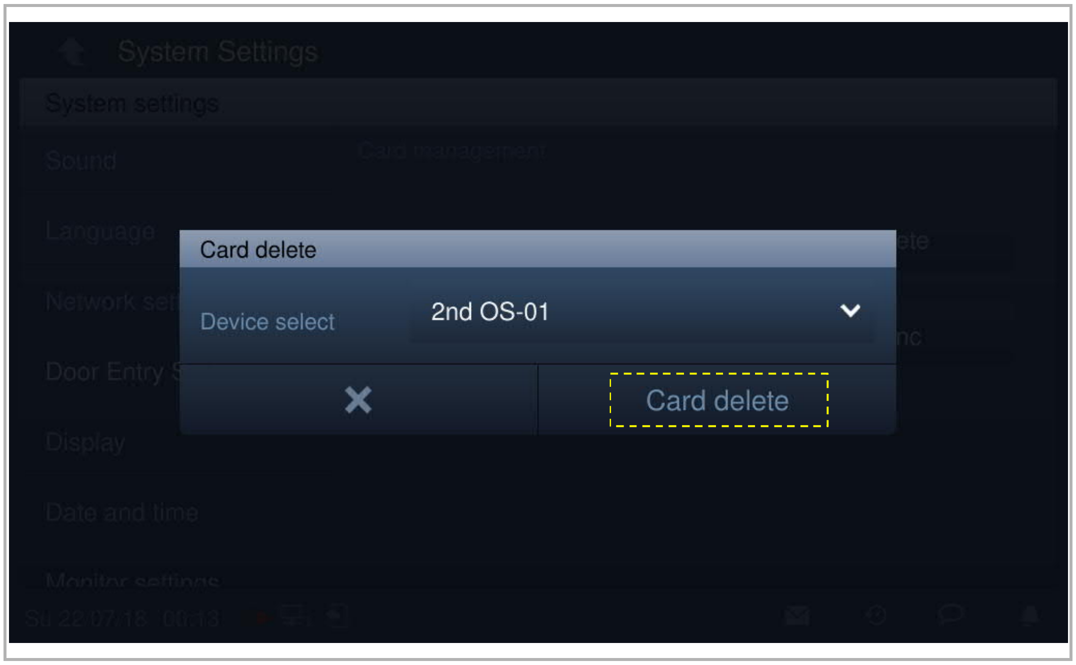
If no IC card has been registered, the outdoor station will exit registration mode automatically if no operations are carried out within 300 s.

Card delete

1. Entering delete mode

On the "Card management" screen, click "Card delete", select the device and then click "Card delete".

The pushbutton module on the outdoor station will flash orange as a prompt to swipe an IC card.



System Settings
System settings
Sound
Language
Network set
Door Entry S
Display
Date and time
Monitor settings
Card management
Card delete
✕
Card delete
Su 22/07/18 00:13

Device select: 2nd OS-01

2. Exiting delete mode

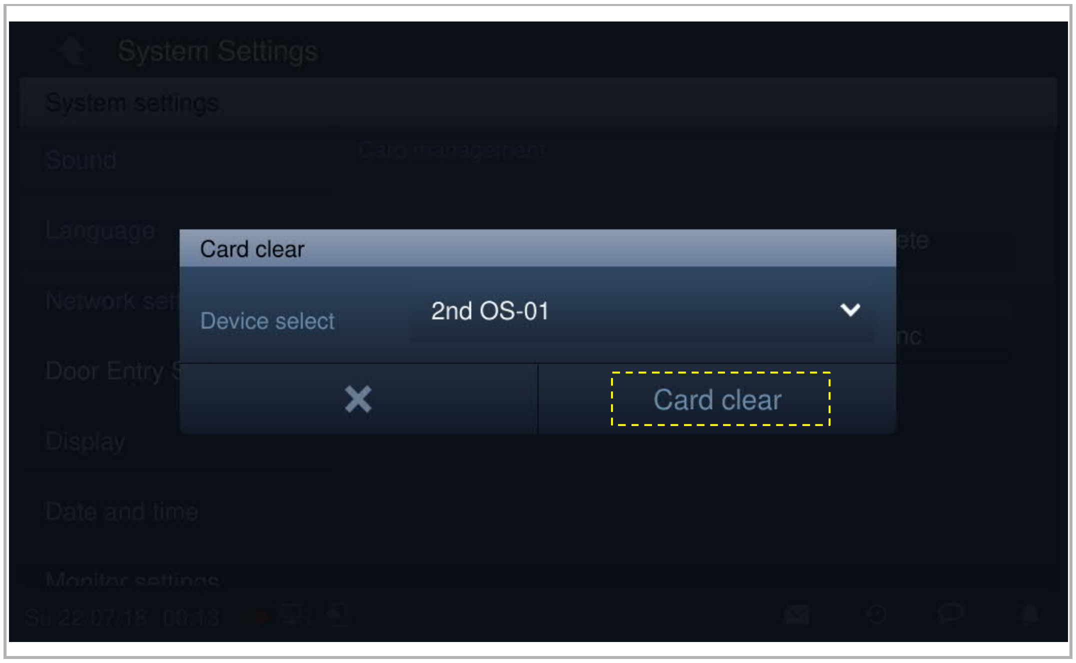
Press the first button on the outdoor station to exit delete mode.

If an IC card has been deleted, the outdoor station will exit delete mode automatically if no operations are carried out within 15 s.

If no IC card has been deleted, the outdoor station will exit delete mode automatically if no operations are carried out within 300 s.

Card clear

On the "Card management" screen, click "Card clear", select the device and click "Card clear".


System Settings
System settings
Sound
Language
Network setting
Door Entry
Display
Date and time
Monitor settings
Card management
Su 22/07/18 00:13

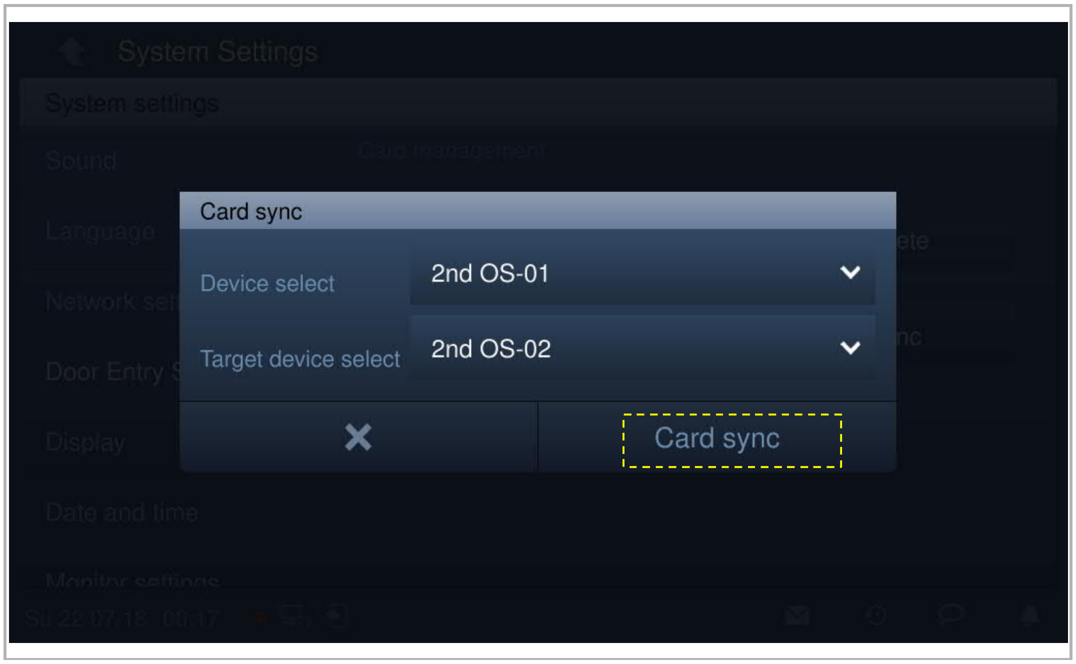
Card clear

Device select: 2nd OS-01

✕
Card clear

Card sync

On the "Card management" screen, click "Card sync", select a source device and a target device, then click "Card sync".


System Settings
System settings
Sound
Language
Network setting
Door Entry
Display
Date and time
Monitor settings
Card management
Su 22/07/18 00:17

Card sync

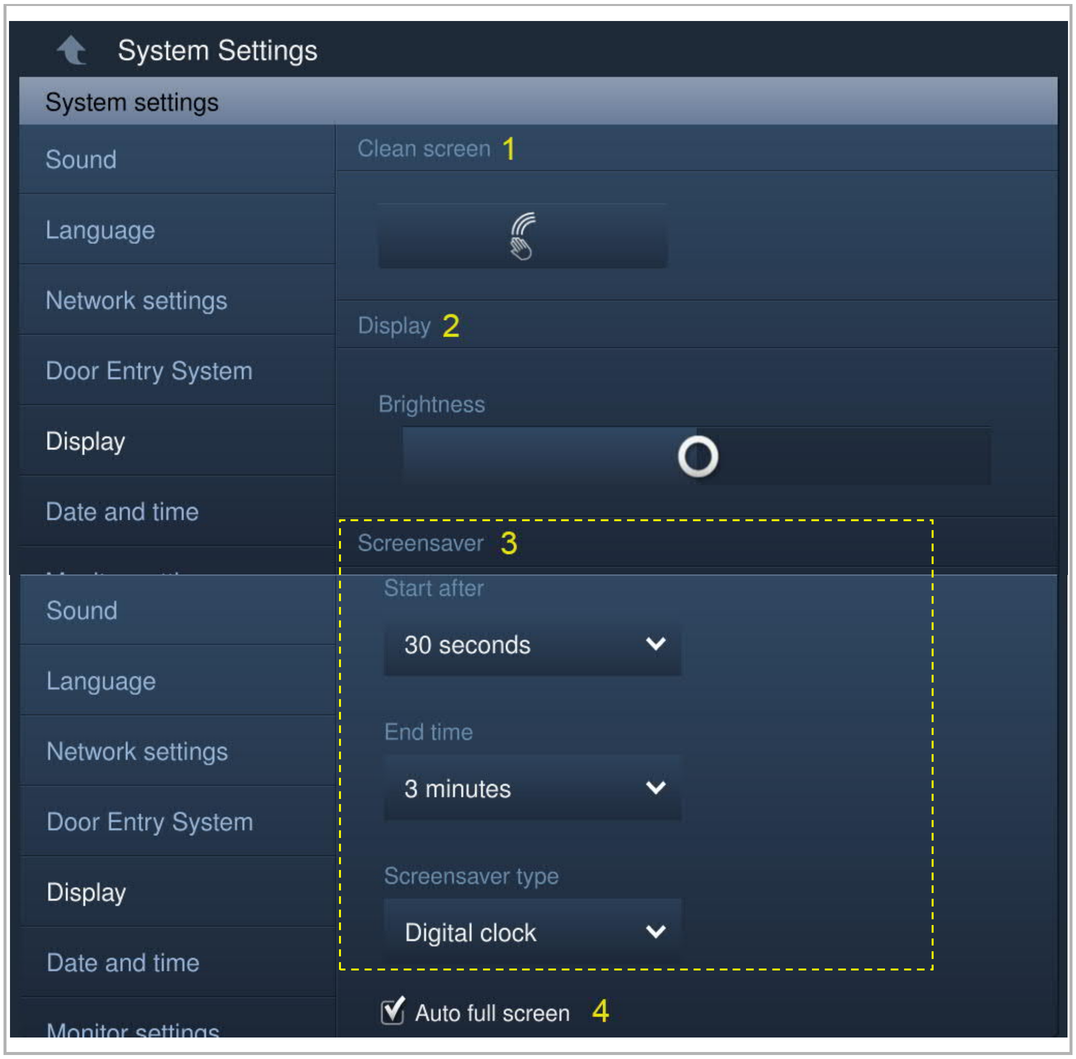
Device select: 2nd OS-01

Target device select: 2nd OS-02

✕
Card sync

8.4.11 Display setting

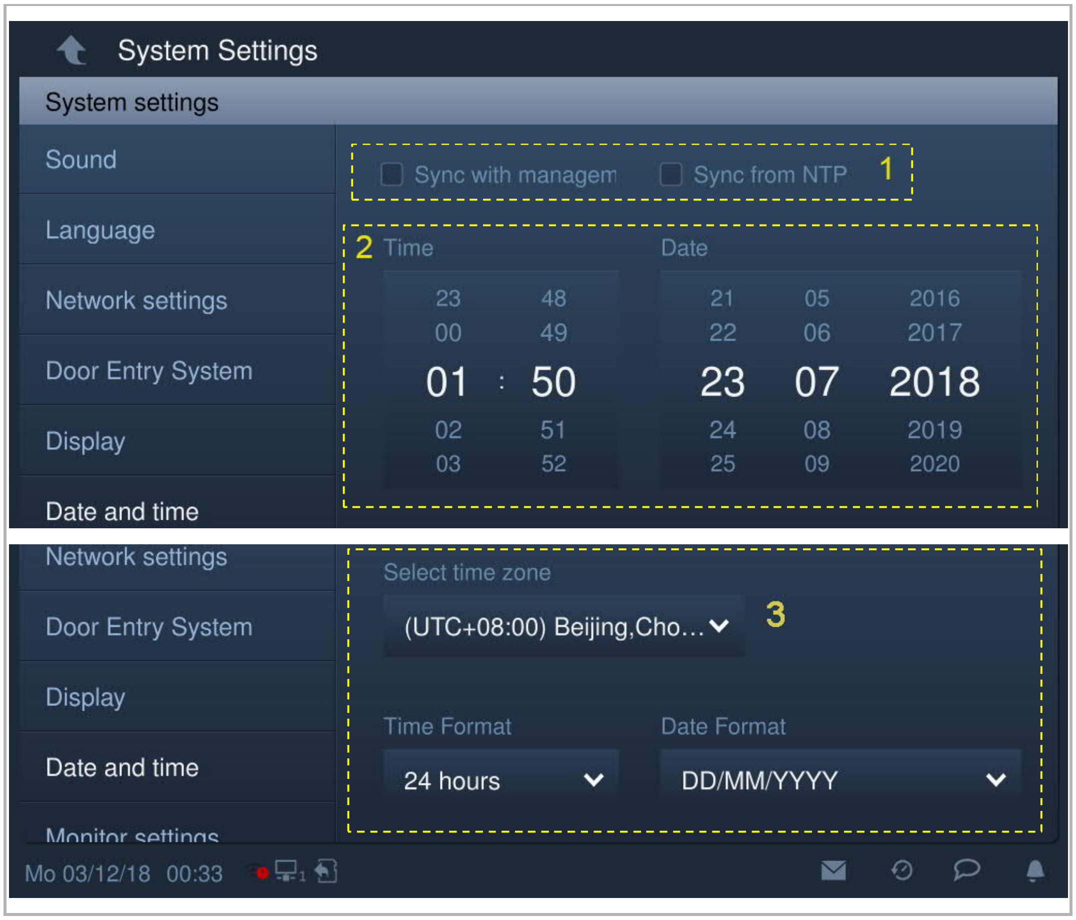
On the "System settings" screen, click "Display" to access the corresponding screen.


System Settings
System settings
Sound
Language
Network settings
Door Entry System
Display
Date and time
Monitor settings
Clean screen 1
Display 2
Brightness
Screensaver 3
Start after
30 seconds
End time
3 minutes
Screensaver type
Digital clock
☑ Auto full screen 4

No.	Function
1	**Clean screen** Please see the "Clean screen" chapter for more details.
2	**Brightness**
3	**Screensaver** ▪ "Digital clock": displays the current time at a random position on the screen. ▪ "Built-in picture": displays 3 built-in pictures. ▪ "External picture": displays pictures stored on the SD card.
4	**Auto full screen (default)**

8.4.12 Date and time setting

On the "System settings" screen, click "Date and time" to access the corresponding screen.


System Settings
System settings
Sound
Language
Network settings
Door Entry System
Display
Date and time
Monitor settings
☐ Sync with managem
☐ Sync from NTP
1
2
Time
Date
23 48
00 49
01 : 50
02 51
03 52
21 05 2016
22 06 2017
23 07 2018
24 08 2019
25 09 2020
3
Mo 03/12/18 00:33

Select time zone: (UTC+08:00) Beijing,Cho…

Time Format: 24 hours

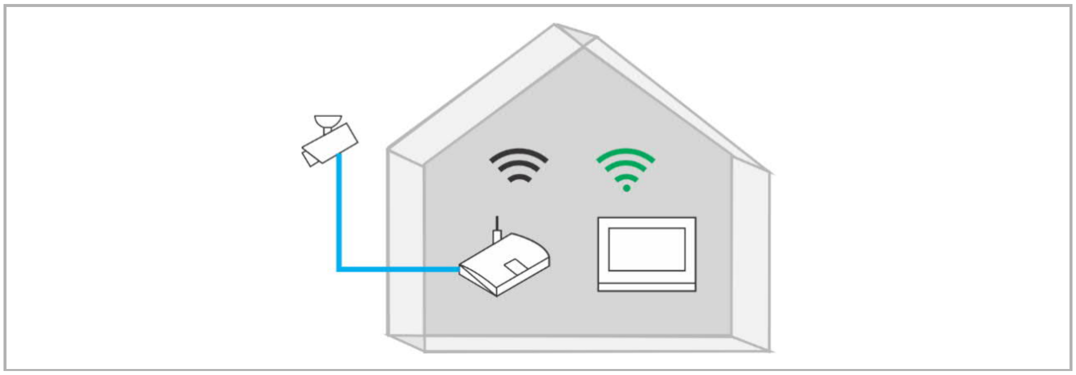
Date Format: DD/MM/YYYY

No.	Function
1	**Sync time type** Tick the checkbox to sync date and time from the management software or from NTP automatically.
2	**Time and date setting**
3	**Set time zone** If you don't sync date and time from management software or from NTP. You need to set time zone before use.

8.4.13 Home monitor settings

You can use this IP touch to monitor the private IP cameras. This IP touch and the camera must be on the same network.

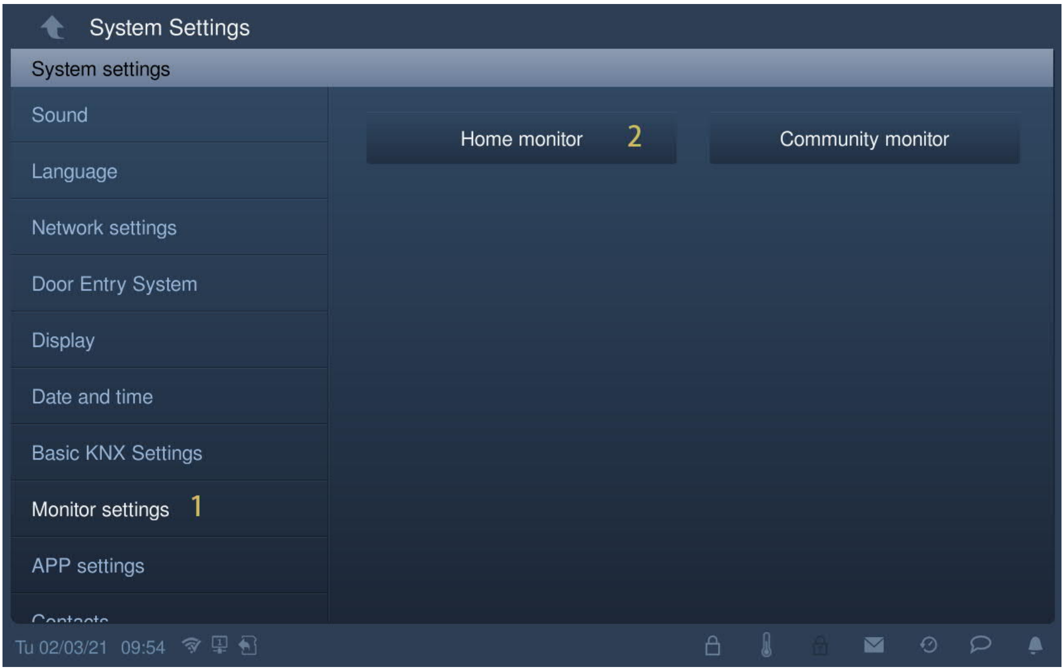
Note
Video streaming between the indoor station and the 3rd party camera is unencrypted.



Please follow the steps below:

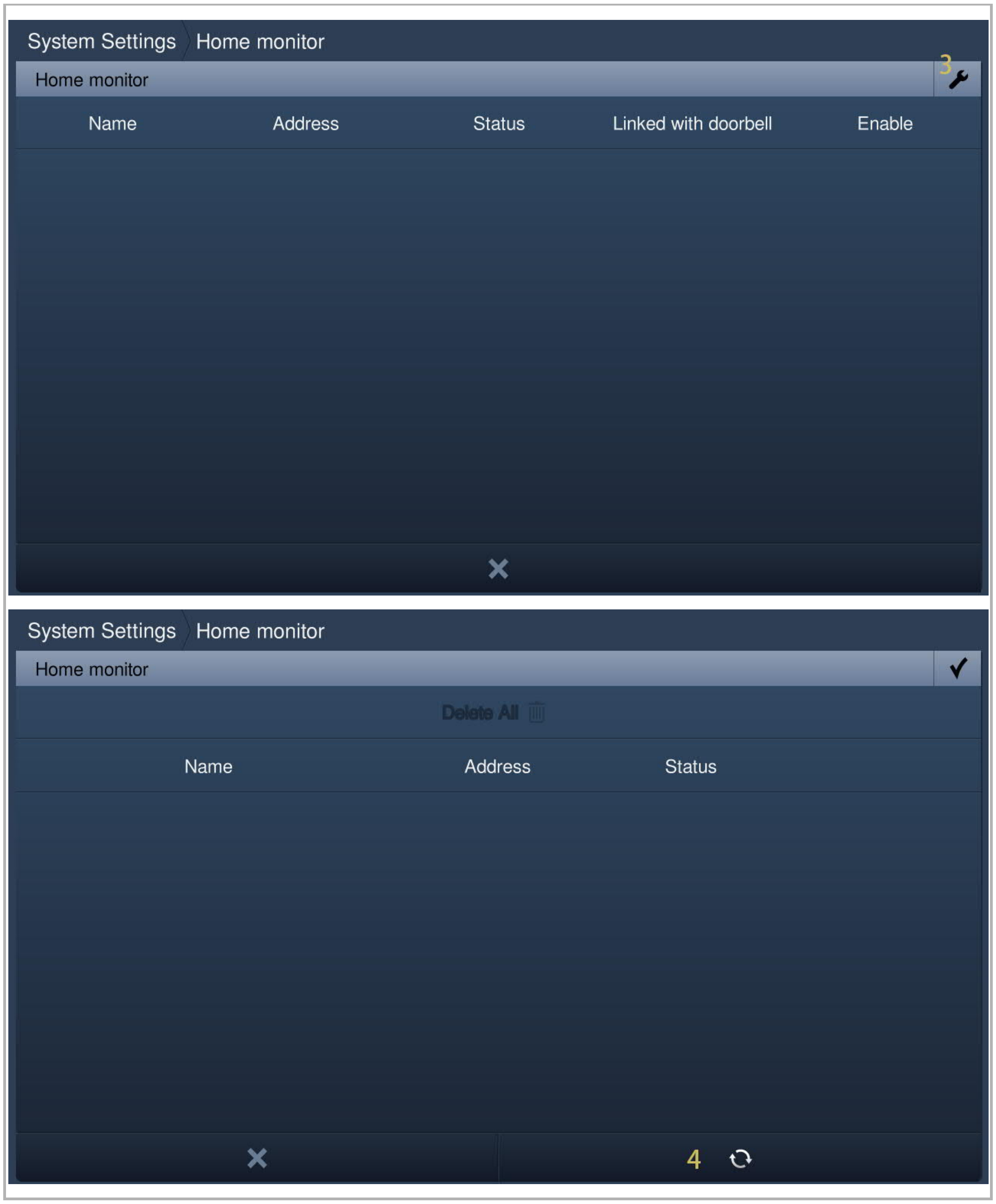
[1] On the "System settings" screen, tap "Monitor settings".

[2] Tap "Home monitor".


System Settings
System settings
Sound
Language
Network settings
Door Entry System
Display
Date and time
Basic KNX Settings
Monitor settings
1
APP settings
Contacts
Home monitor
2
Community monitor
Tu 02/03/21 09:54

[3] Tap " 🔧 ".

[4] Tap " 🔄 " to search the IP cameras automatically.


System Settings
Home monitor
Home monitor
3
Name
Address
Status
Linked with doorbell
Enable
✕
System Settings
Home monitor
Home monitor
✓
Delete All
Name
Address
Status
✕
4

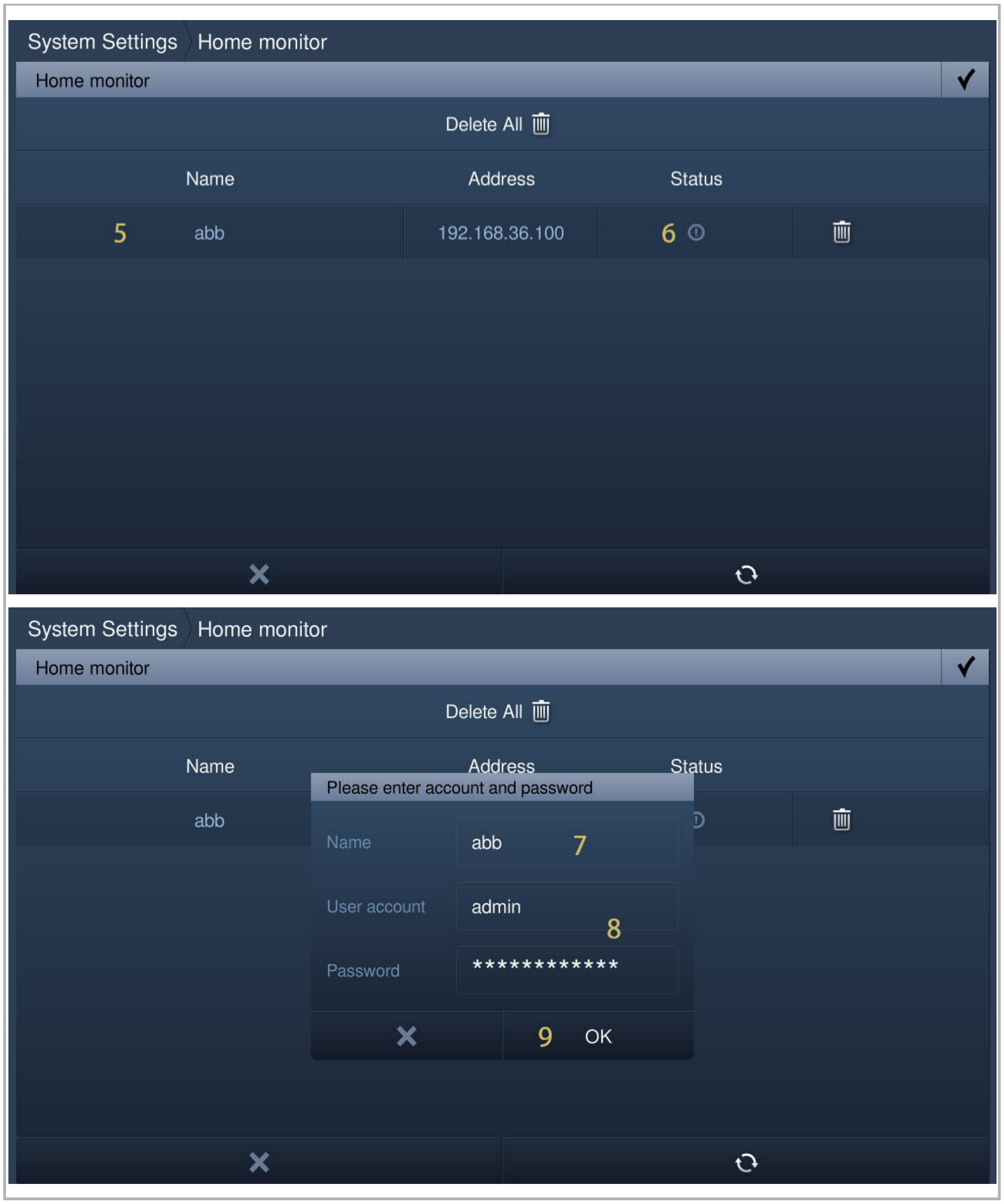
[5] The designated camera is displayed on the screen.

[6] Tap " ⓘ ".

[7] Enter the alias name.

[8] Enter the user account and password.

[9] Tap "OK".


System Settings
Home monitor
Home monitor
✓
Delete All
Name
Address
Status
5
6
✕
Please enter account and password
7
8
9
✕
OK

Name	Address	Status
abb	192.168.36.100	ⓘ

Please enter account and password

Name: abb

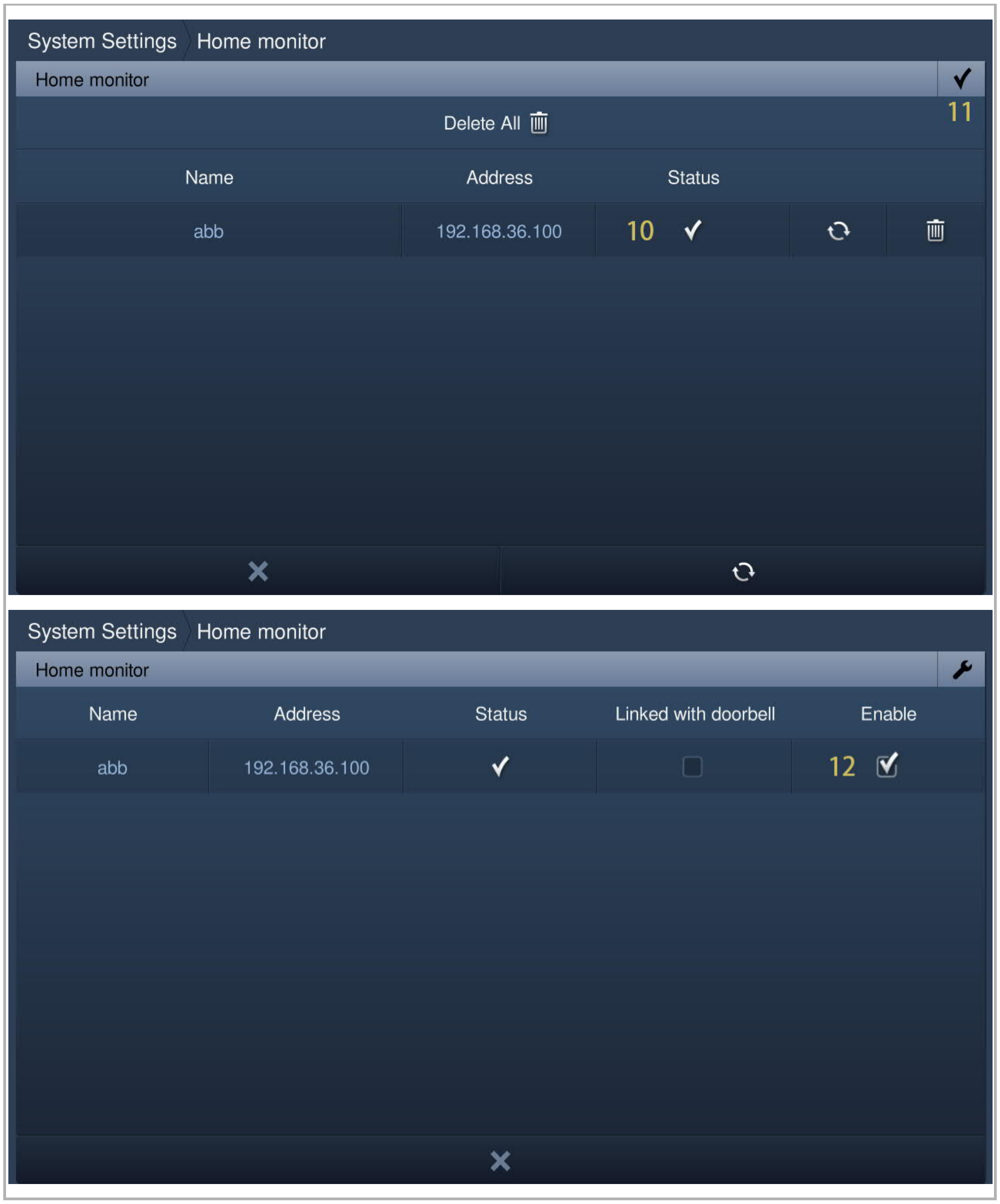
User account: admin

Password: ************

[10] " ✓ " will be displayed if successful.

[11] Tap " ✓ ".

[12] Tick the check box to enable the function.


System Settings
Home monitor
Home monitor
✓
11
Delete All
10
✕
System Settings
Home monitor
Home monitor
12
✕

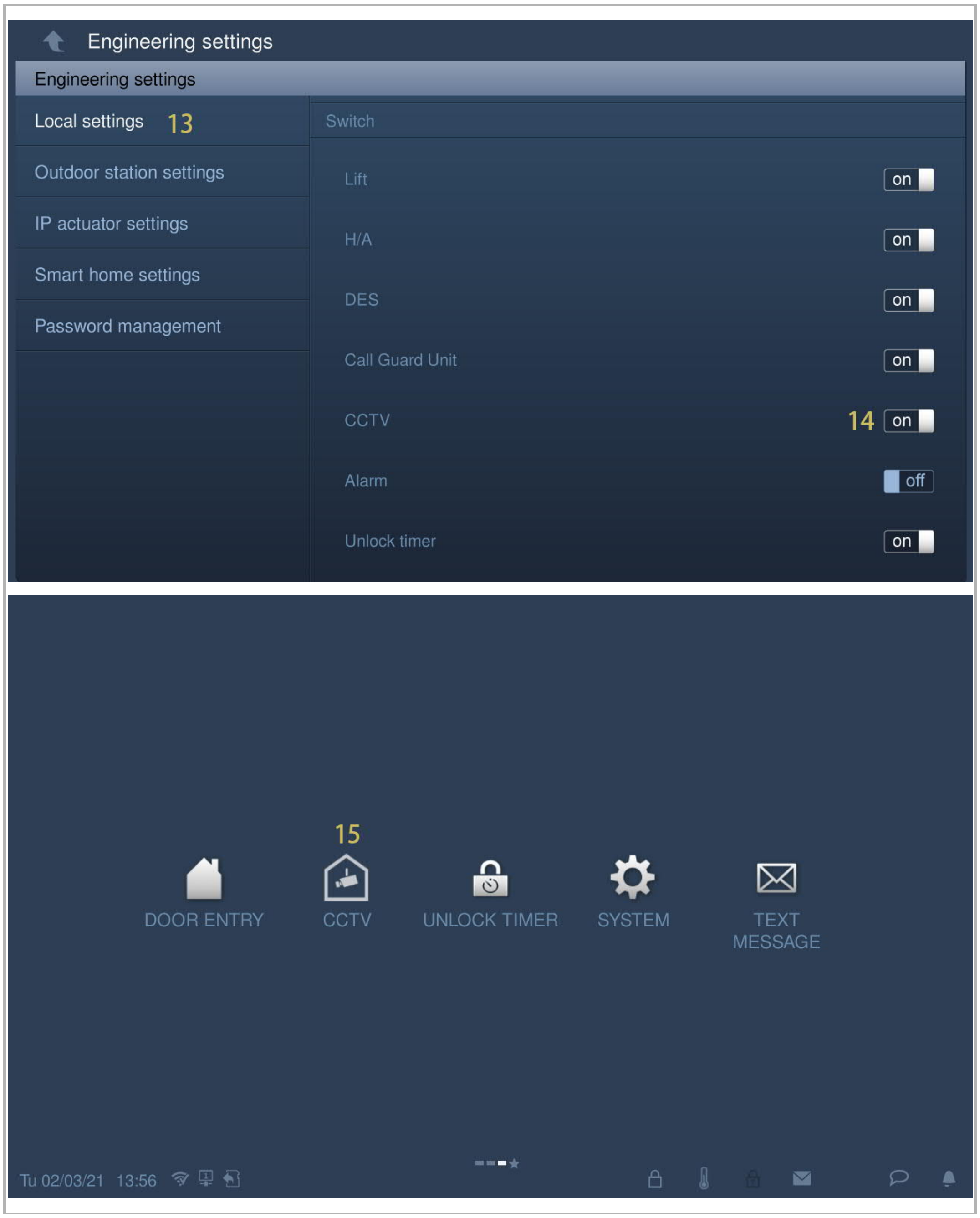
Name	Address	Status
abb	192.168.36.100	✓

Name	Address	Status	Linked with doorbell	Enable
abb	192.168.36.100	✓	☐	☑

[13] On the "Engineering settings" screen, tap "Local settings".

[14] Switch on the "CCTV" function.

[15] On the extra screen, tap "CCTV".



Engineering settings
Engineering settings
Local settings
13
Outdoor station settings
IP actuator settings
Smart home settings
Password management
Switch
14
15
DOOR ENTRY
CCTV
UNLOCK TIMER
SYSTEM
TEXT MESSAGE
Tu 02/03/21 13:56

Lift on

H/A on

DES on

Call Guard Unit on

CCTV on

Alarm off

Unlock timer on

[16] The image of the designated camera is displayed on the screen. Select the other camera from the drop-down list.

[17] Tap to switch to the previous camera or the next one.

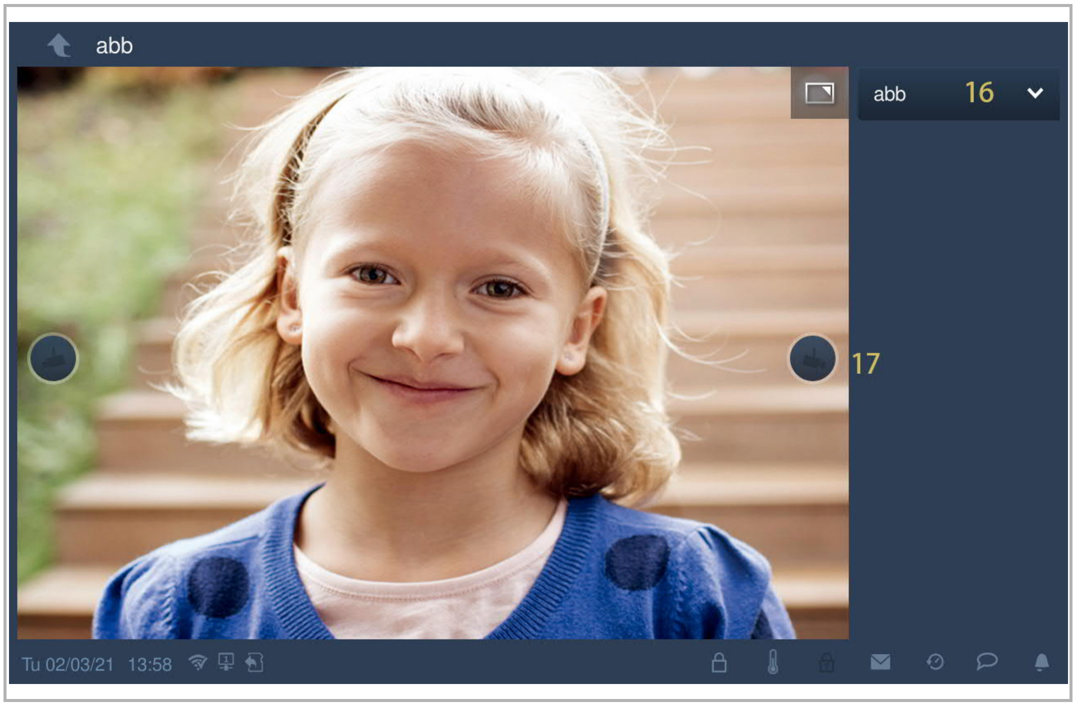
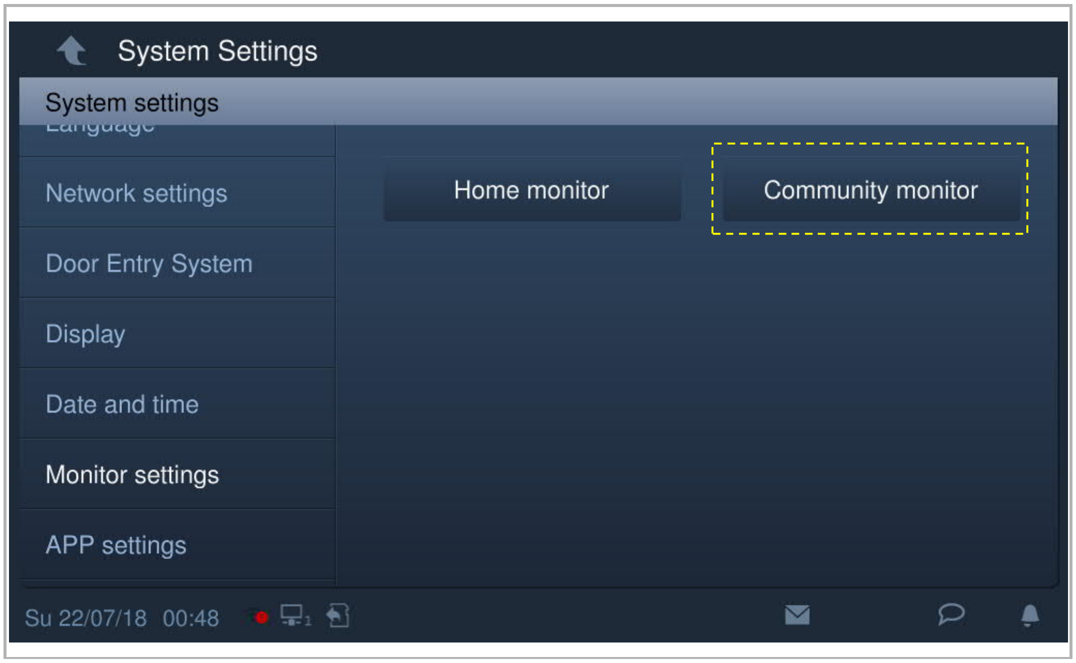


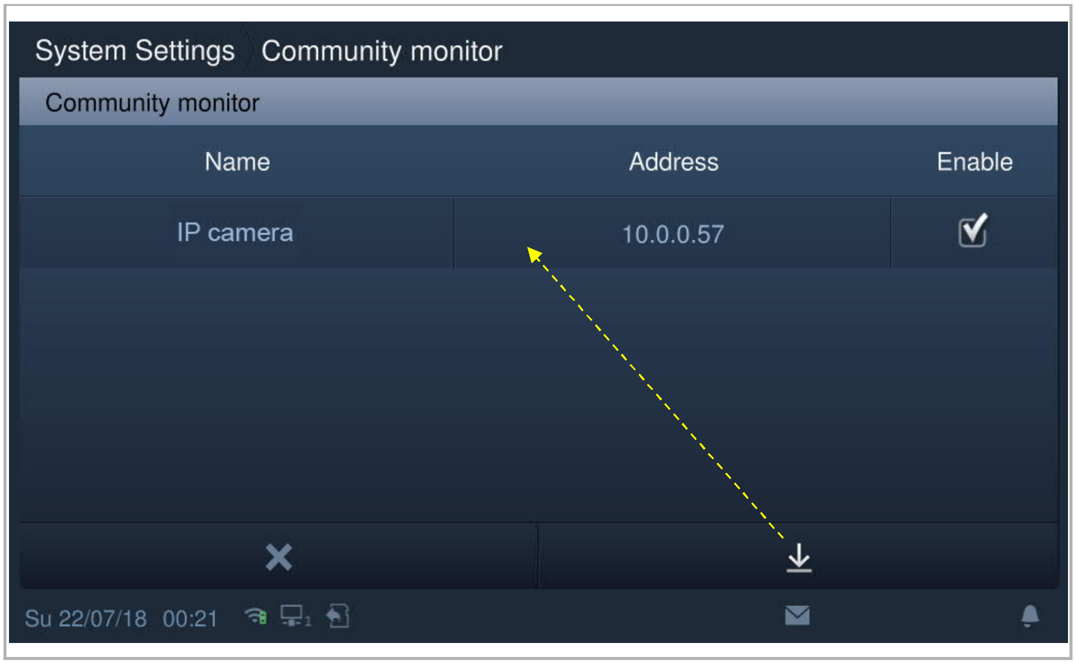
abb
abb
16
17
Tu 02/03/21 13:58

8.4.14 Community monitor settings

On the "System settings" screen, click "Monitor settings", "Community monitor" to access the corresponding screen.


System Settings
System settings
Language
Network settings
Door Entry System
Display
Date and time
Monitor settings
APP settings
Home monitor
Community monitor
Su 22/07/18 00:48

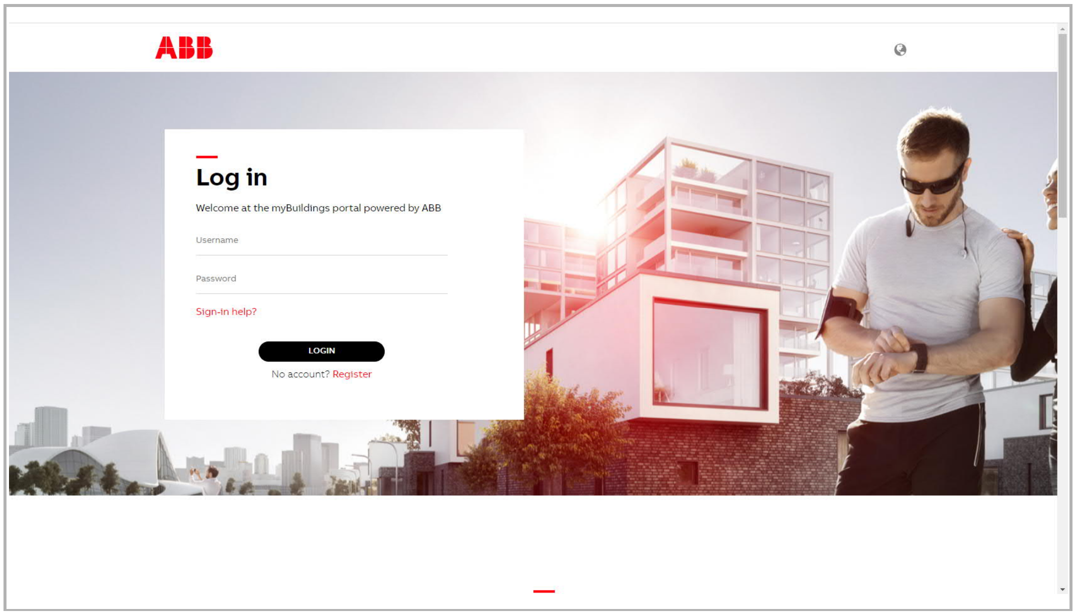
Click ⤓ to download the camera list from the management software.


System Settings
Community monitor
Community monitor
Name
Address
Enable
IP camera
10.0.0.57
☑
Su 22/07/18 00:21

8.4.15 App settings

1. Registering an account on the myBuildings portal

Access the link: https://eu.mybuildings.abb.com/en/user/login/ and click "Register". Fill in the form as required to register an account. Then activate the user account when you receive the email sent from the myBuildings portal.



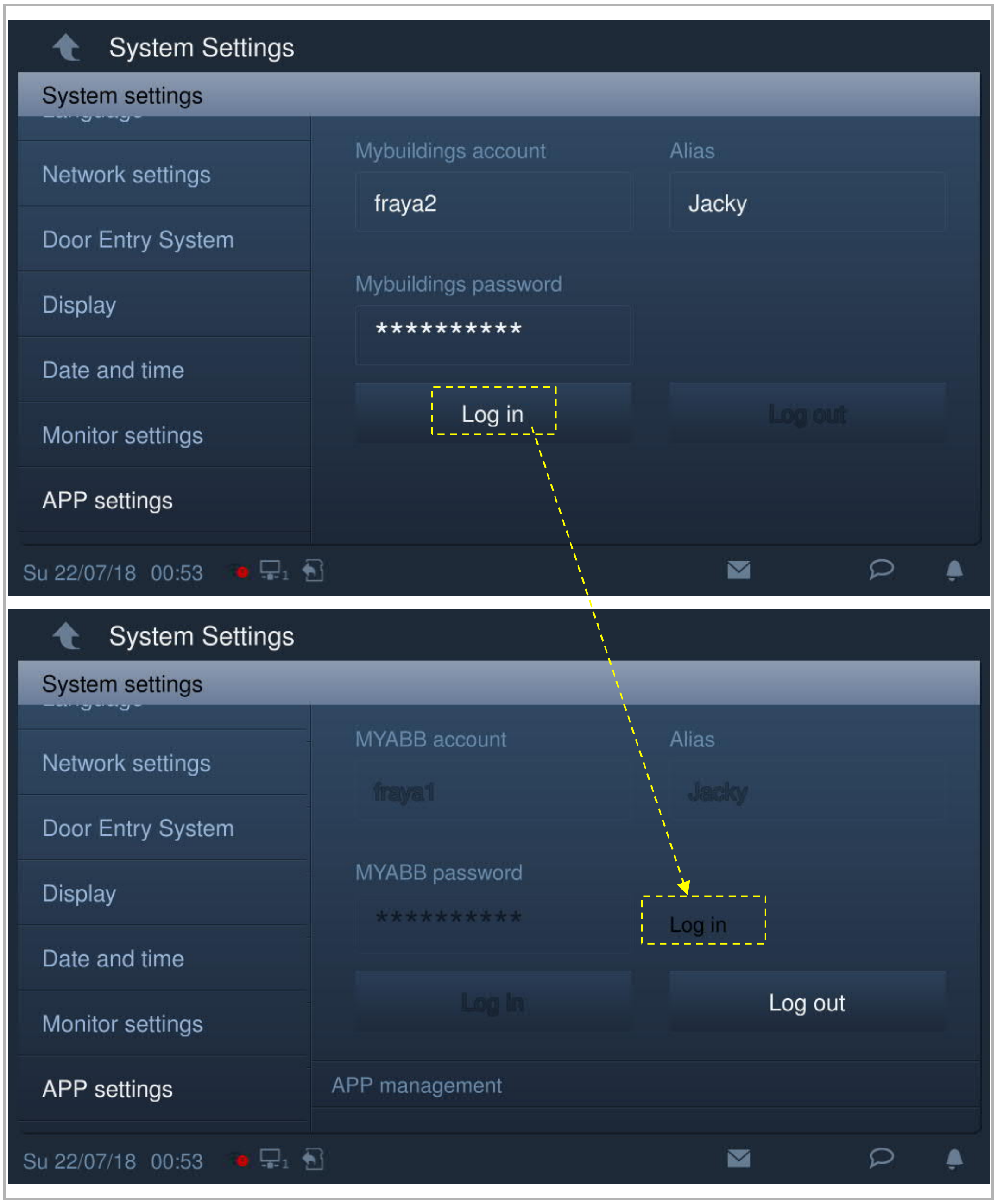
Log in

Welcome at the myBuildings portal powered by ABB

ABB
Username
Password
Sign-in help?
LOGIN
No account? Register

2. Logging into the myBuildings portal on the indoor station

On the "System settings" screen of the indoor station, click "APP settings" and enter the user password (the system default if 123456) to access the settings screen. Then enter an account name, alias name and password, and click "Log in".


System Settings
System settings
Network settings
Door Entry System
Display
Date and time
Monitor settings
APP settings
Log in
Log out
Su 22/07/18 00:53

Mybuildings account
fraya2

Alias
Jacky

Mybuildings password
****

System Settings
System settings
Network settings
Door Entry System
Display
Date and time
Monitor settings
APP settings
Log in
Log in
Log out
APP management
Su 22/07/18 00:53

MYABB account
fraya1

Alias
Jacky

MYABB password
****

3. Downloading and installing the APP

Download the APP from Google Play or the APP Store via the keyword "ABB Welcome". Then install the relevant APP on mobile or tablet.

Note

The following snapshots used in this document were taken on the IOS system.

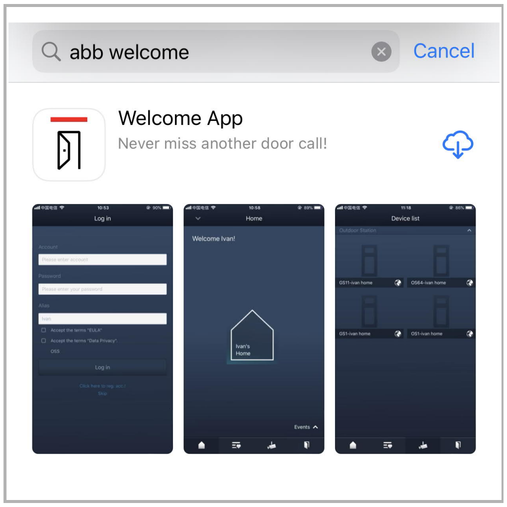


abb welcome

Cancel

Welcome App

Never miss another door call!

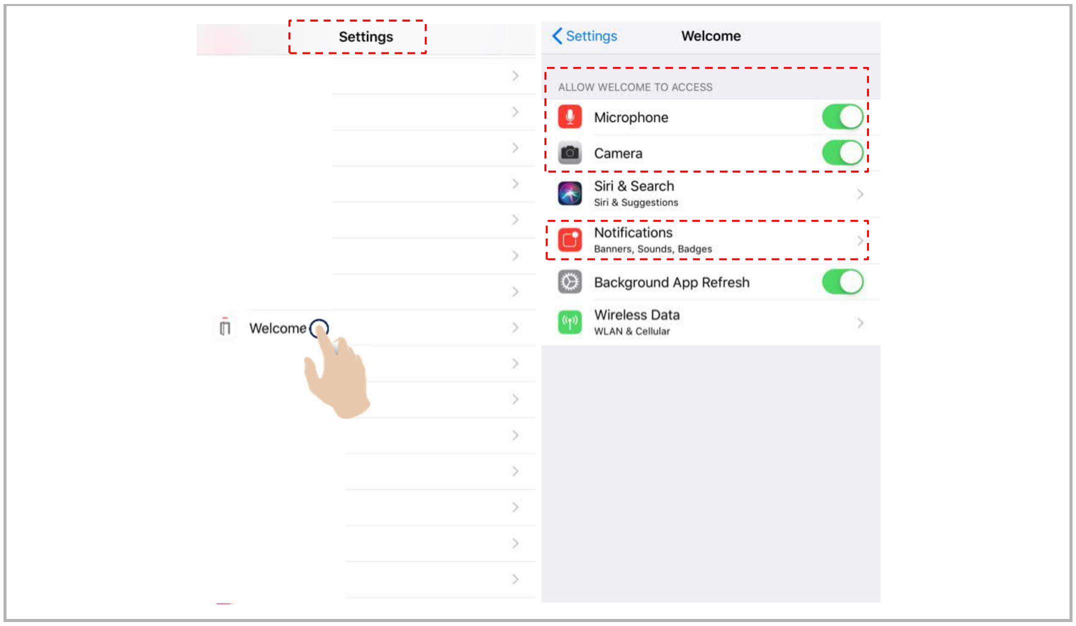
On the mobile/tablet, click to open the APP.

Note

It is recommended to accept the permissions of the microphone, camera and notification for further use.

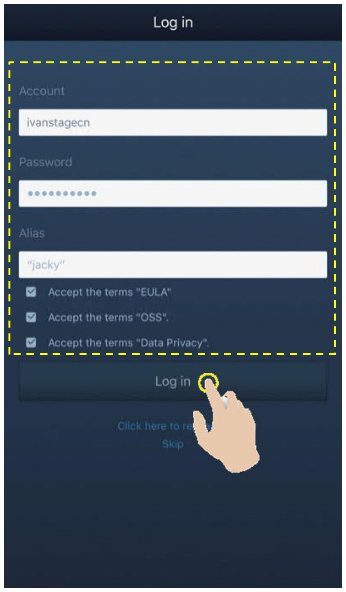
If you do not grant the permissions, you will be able to add them later on.

For example, click "" to access the settings screen on the mobile, swipe the screen down and then click to accept the permissions.


Settings
Welcome
Settings
Welcome
ALLOW WELCOME TO ACCESS
Microphone
Camera
Siri & Search
Siri & Suggestions
Notifications
Banners, Sounds, Badges
Background App Refresh
Wireless Data
WLAN & Cellular

4. Logging into the app

On the mobile phone/tablet, click to open the app, enter the user name, password and alias, tick the checkboxes to accept all the terms and conditions, then click "Log in".



Account
ivanstagecn

Password
●●●●●●●●●●●

Alias
"jacky"

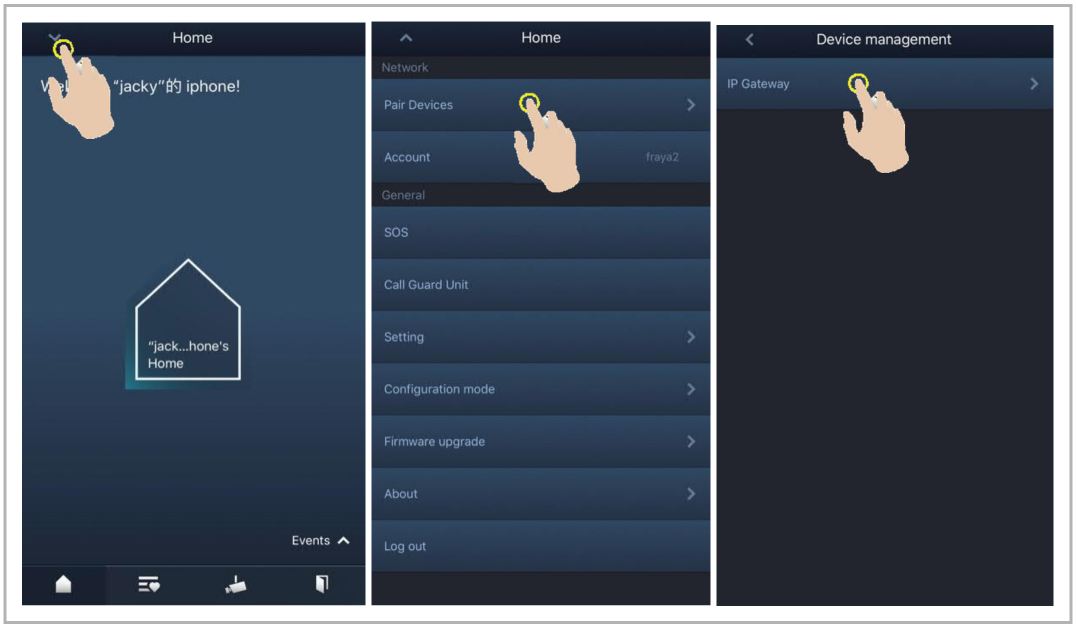
☑ Accept the terms "EULA"
☑ Accept the terms "OSS".
☑ Accept the terms "Data Privacy".

Note

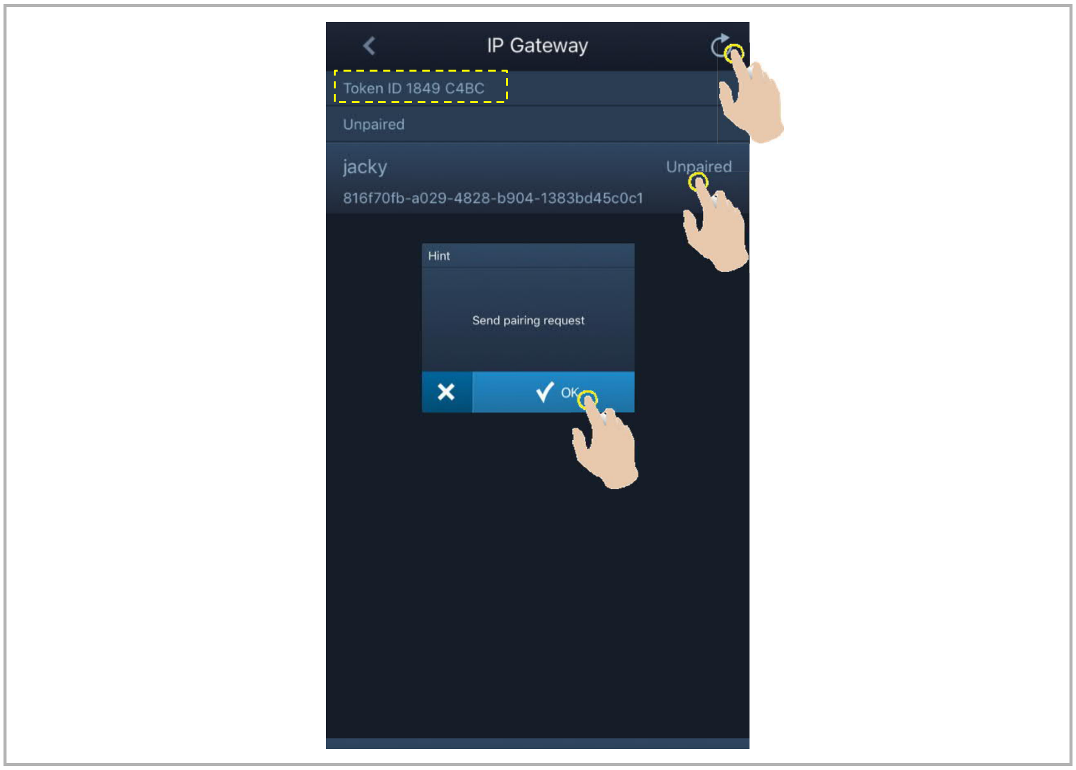
If an incorrect password is entered more than 3 times, no further attempts are permitted within certain period of time.

5. Pairing the devices

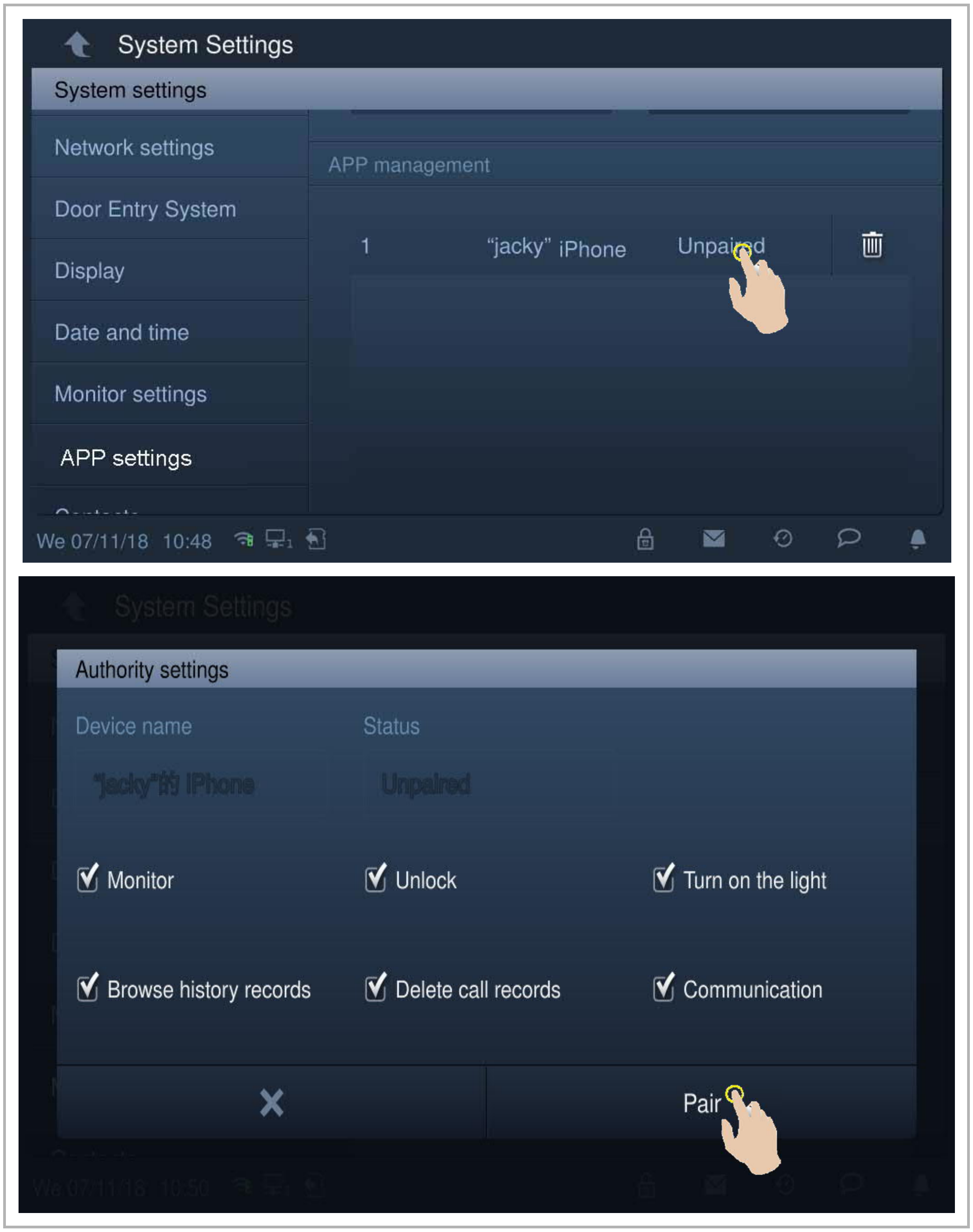
On the APP "Home" screen, tap "∨", followed by "Pair devices", "IP gateway".


Home
"jacky"的 iphone!
"jack...hone's Home
Events
Home
Network
Pair Devices
Account
fraya2
General
SOS
Call Guard Unit
Setting
Configuration mode
Firmware upgrade
About
Log out
Device management
IP Gateway

Then tap ↻ to call up the device list, and select the alias, click "OK" to send a pairing request to the indoor station. Please write down the token ID (e.g. 1849C4BC in this case).


IP Gateway
Token ID 1849 C4BC
Unpaired
jacky
Unpaired
816f70fb-a029-4828-b904-1383bd45c0c1
Hint
Send pairing request
✕
✓ OK

On the "System settings", "APP settings" screen of the indoor station, click "Unpaired", select the relevant functions in the pop-up window, and click "Pair".


System Settings
System settings
Network settings
Door Entry System
Display
Date and time
Monitor settings
APP settings
Contacts
APP management
We 07/11/18 10:48
System Settings
Authority settings
×
Pair
We 07/11/18 10:50

1 "jacky" iPhone Unpaired

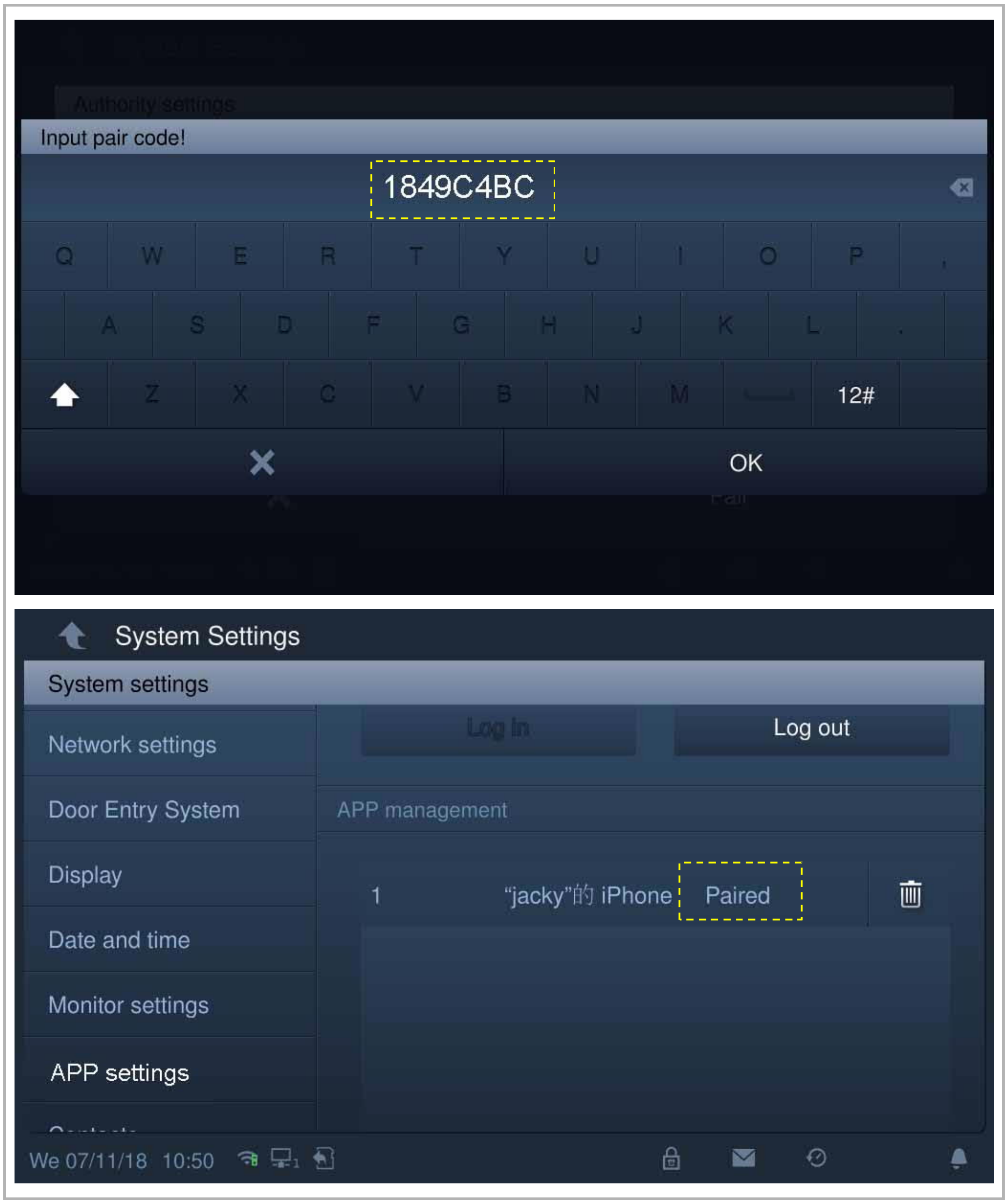
Device name: "jacky"的 iPhone

Status: Unpaired

☑ Monitor ☑ Unlock ☑ Turn on the light

☑ Browse history records ☑ Delete call records ☑ Communication

Enter the token ID and click "OK". The indoor station will display "Paired" if successful.



Input pair code!

1849C4BC

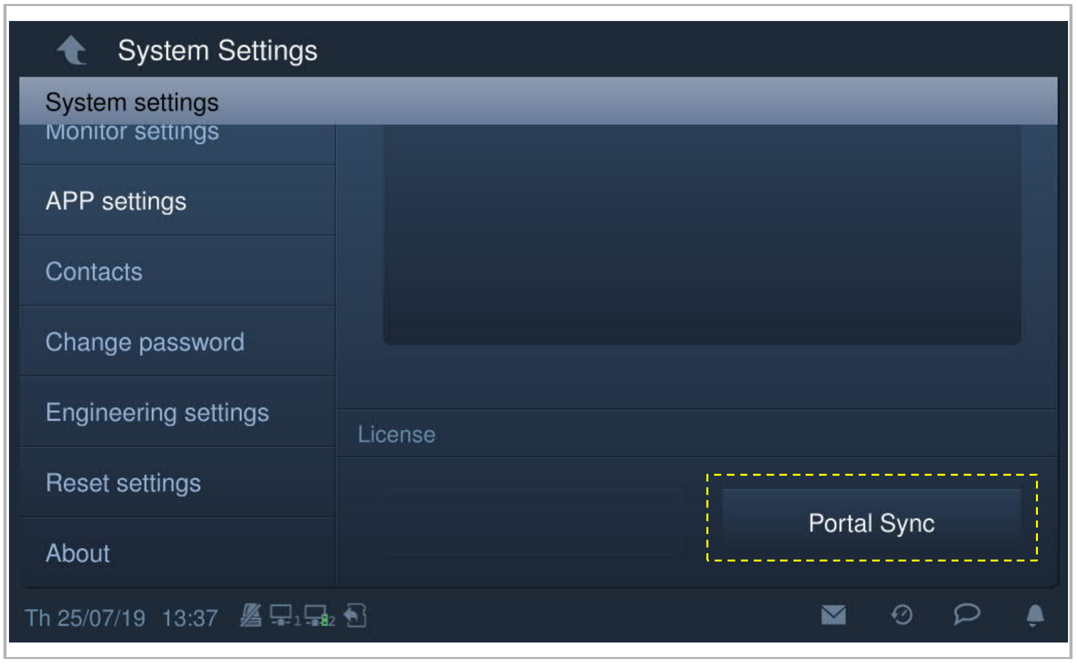
Authority settings
Q
W
E
R
T
Y
U
I
O
P
A
S
D
F
G
H
J
K
L
Z
X
C
V
B
N
M
12#
OK
System Settings
System settings
Network settings
Door Entry System
Display
Date and time
Monitor settings
APP settings
Log in
Log out
APP management

1 “jacky”的 iPhone Paired

We 07/11/18 10:50

6. Portal Sync

If you have purchased a remote service, you can click "Portal sync" on the "APP settings" screen to enable the remote service immediately.


System Settings
System settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
About
License
Portal Sync
Th 25/07/19 13:37

8.4.16 Changing password

User password

The system default user password is 123456. It can be used to set the following functions:

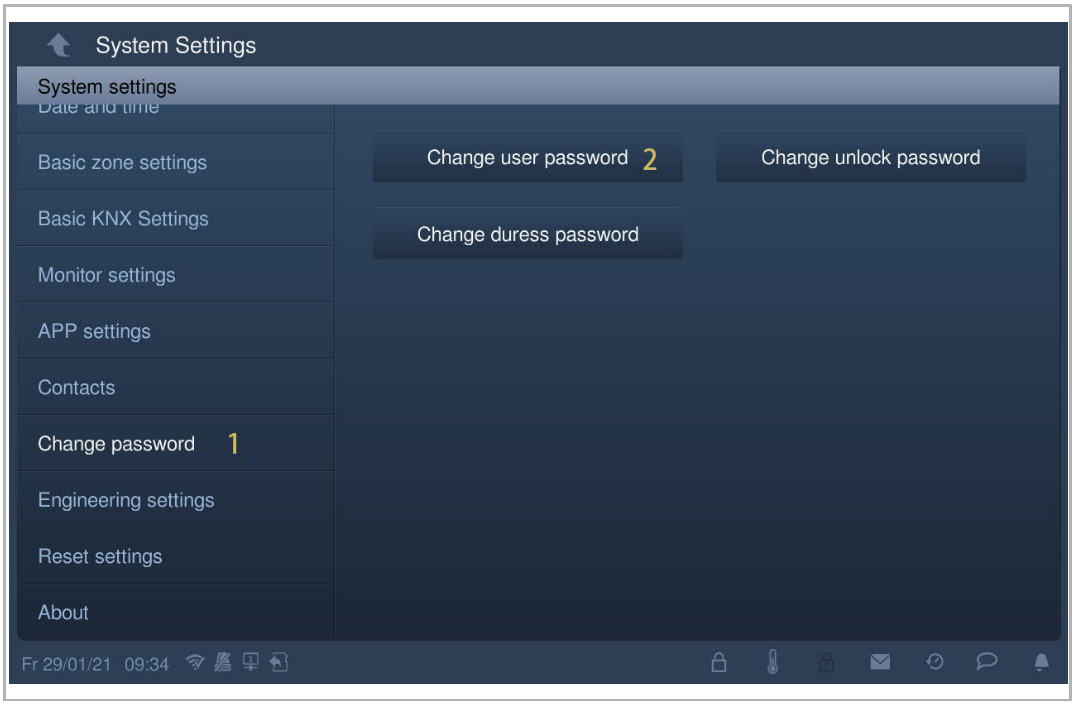
- Card management
- Reset user setting
- App setting
- Basic zone setting
- Set alarm timer
- Arm or disarm the indoor station

Change user password

Please follow the steps below:

[1] On the "System settings" screen, tap "Change password".

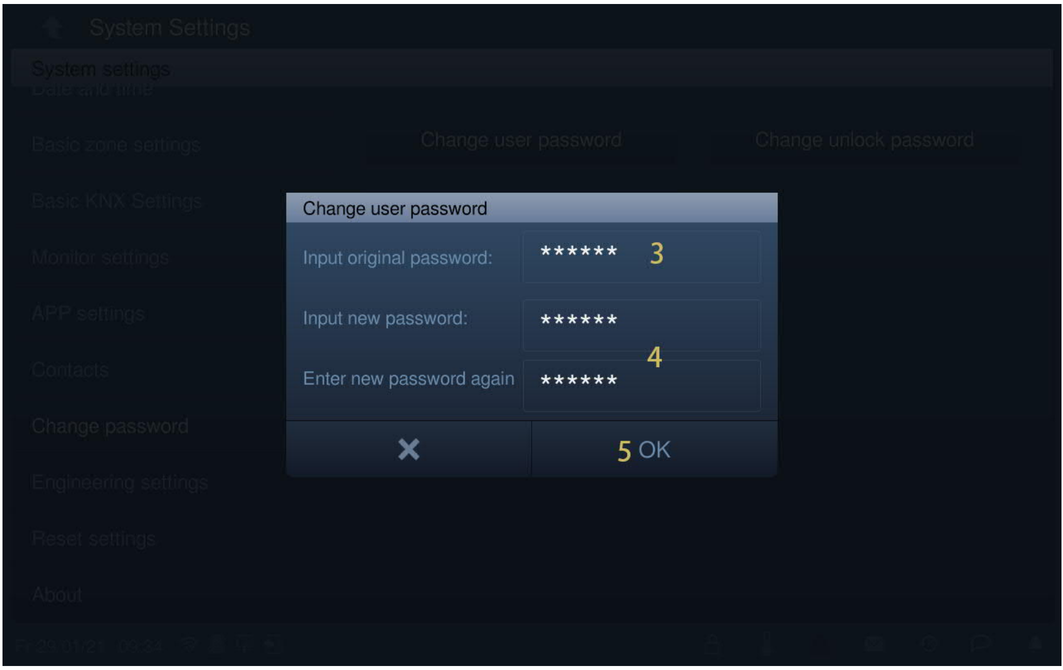
[2] Tap "Change user password".


System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
1
Engineering settings
Reset settings
About
Change user password
2
Change unlock password
Change duress password
Fr 29/01/21 09:34

[3] Input original password.

[4] Input new password twice.

[5] Click "OK" to save the setting.



Change user password

Input original password: ******

Input new password: ******

Enter new password again ******

System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
About
Change user password
Change unlock password
3
4
✕
5 OK

Password rule
This password must not include continuously increasing or decreasing numbers (e.g. 123456, 654321). Three consecutive identical numbers are similarly not permitted (e.g. 123444, 666888).

Unlock password

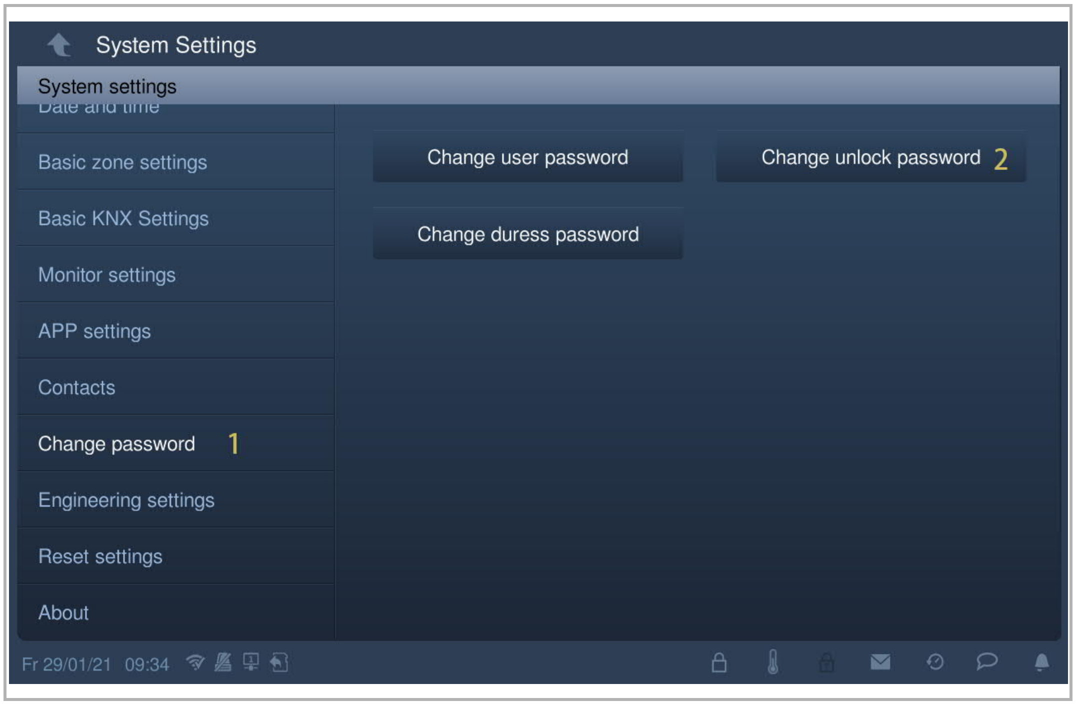
This password is used to release the lock of the outdoor station by entering the password.

Changing unlock password

Please follow the steps below:

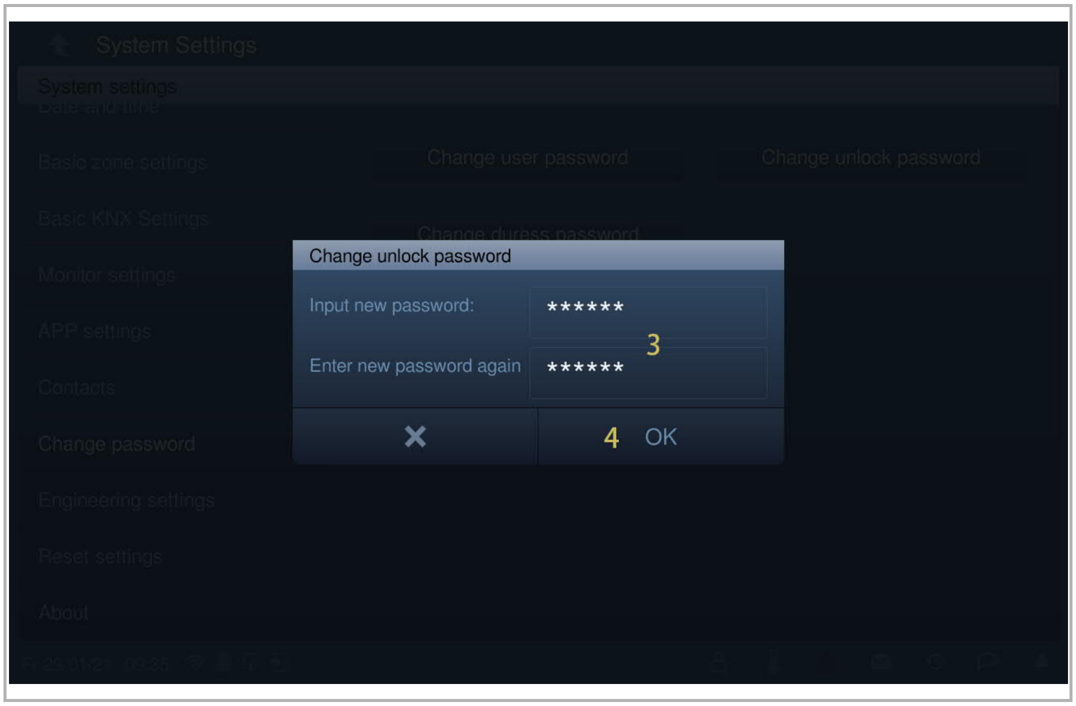
[1] On the "System settings" screen, tap "Change password".

[2] Tap "Change unlock password".


System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
1
Engineering settings
Reset settings
About
Change user password
Change unlock password
2
Change duress password
Fr 29/01/21 09:34

[3] Input new password twice (3…8 digits).

[4] Click "OK" to save the setting.



Change unlock password

Input new password: ******

Enter new password again ******

System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
About
Change user password
Change unlock password
Change duress password
3
×
4
OK

Password rule
This password must not include continuously increasing or decreasing numbers (e.g. 123456, 654321). Three consecutive identical numbers are similarly not permitted (e.g. 123444, 666888).

Duress password

When the resident is under duress, he can enter this password to disarm the indoor station. At the same time, an alarm message is sent to the guard unit and the management software.

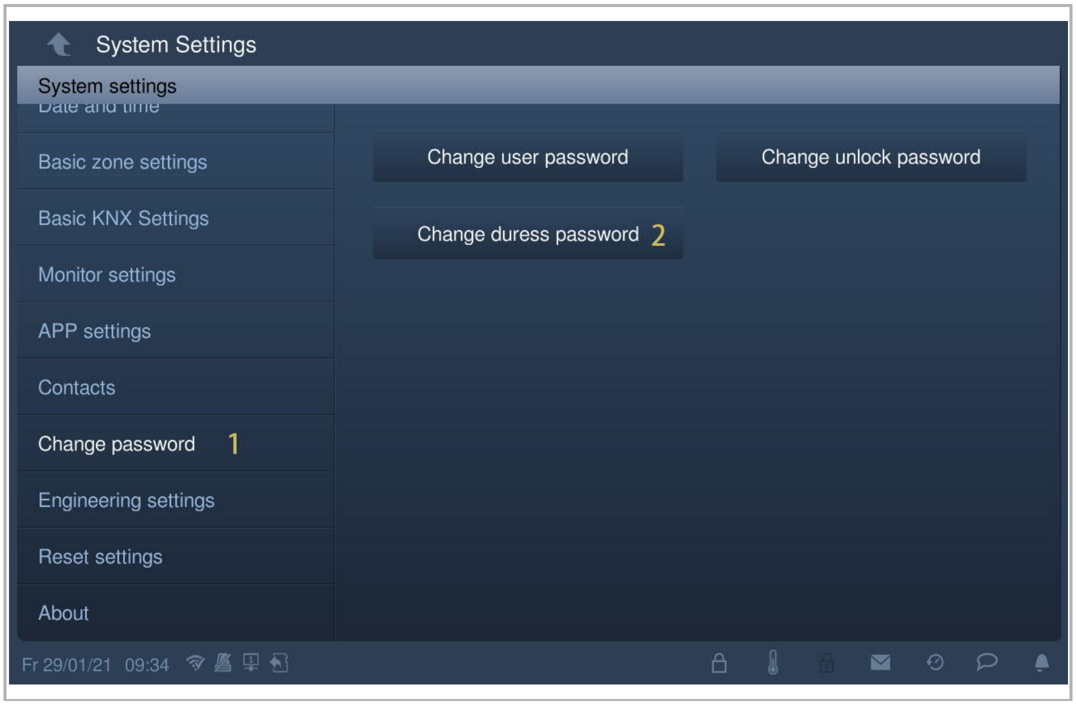
The system default user password is 654321.

Changing duress password

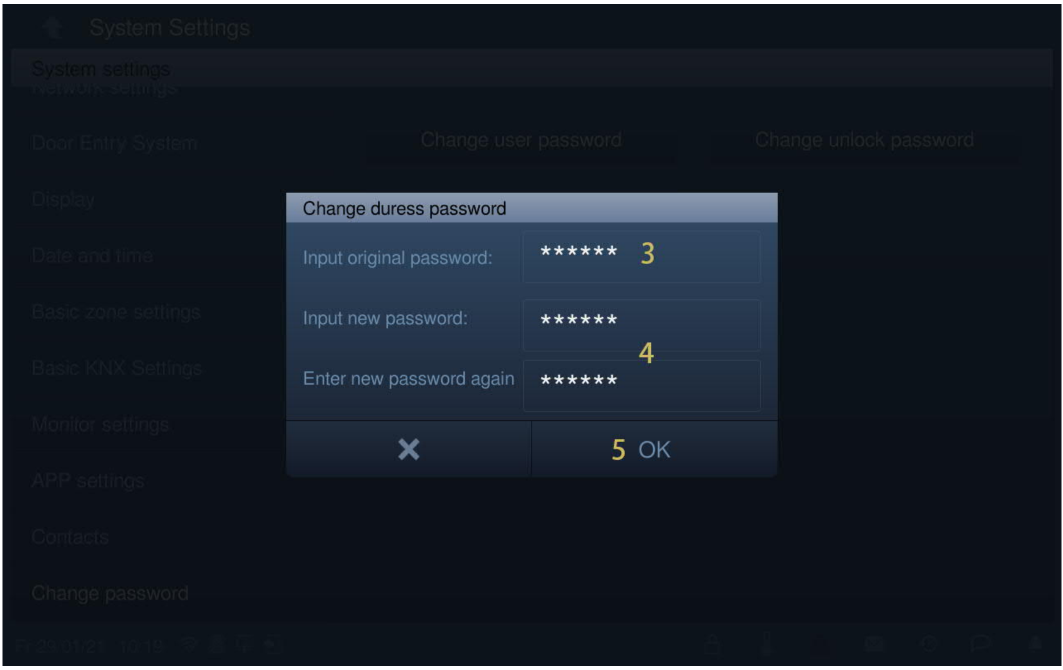
Please follow the steps below:

[1] On the "System settings" screen, tap "Change password".

[2] Tap "Change duress password".


System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
1
Engineering settings
Reset settings
About
Change user password
Change unlock password
Change duress password
2
Fr 29/01/21 09:34

[3] Input original password.
[4] Input new password twice.
[5] Click "OK" to save the setting.



Change duress password

Input original password: ****** 3

Input new password: ******

Enter new password again ******

4

System Settings
System settings
Network settings
Door Entry System
Display
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Change user password
Change unlock password
✕
5 OK

Password rule
This password must not include continuously increasing or decreasing numbers (e.g. 123456, 654321). Three consecutive identical numbers are similarly not permitted (e.g. 123444, 666888).

8.4.17 Resetting user settings

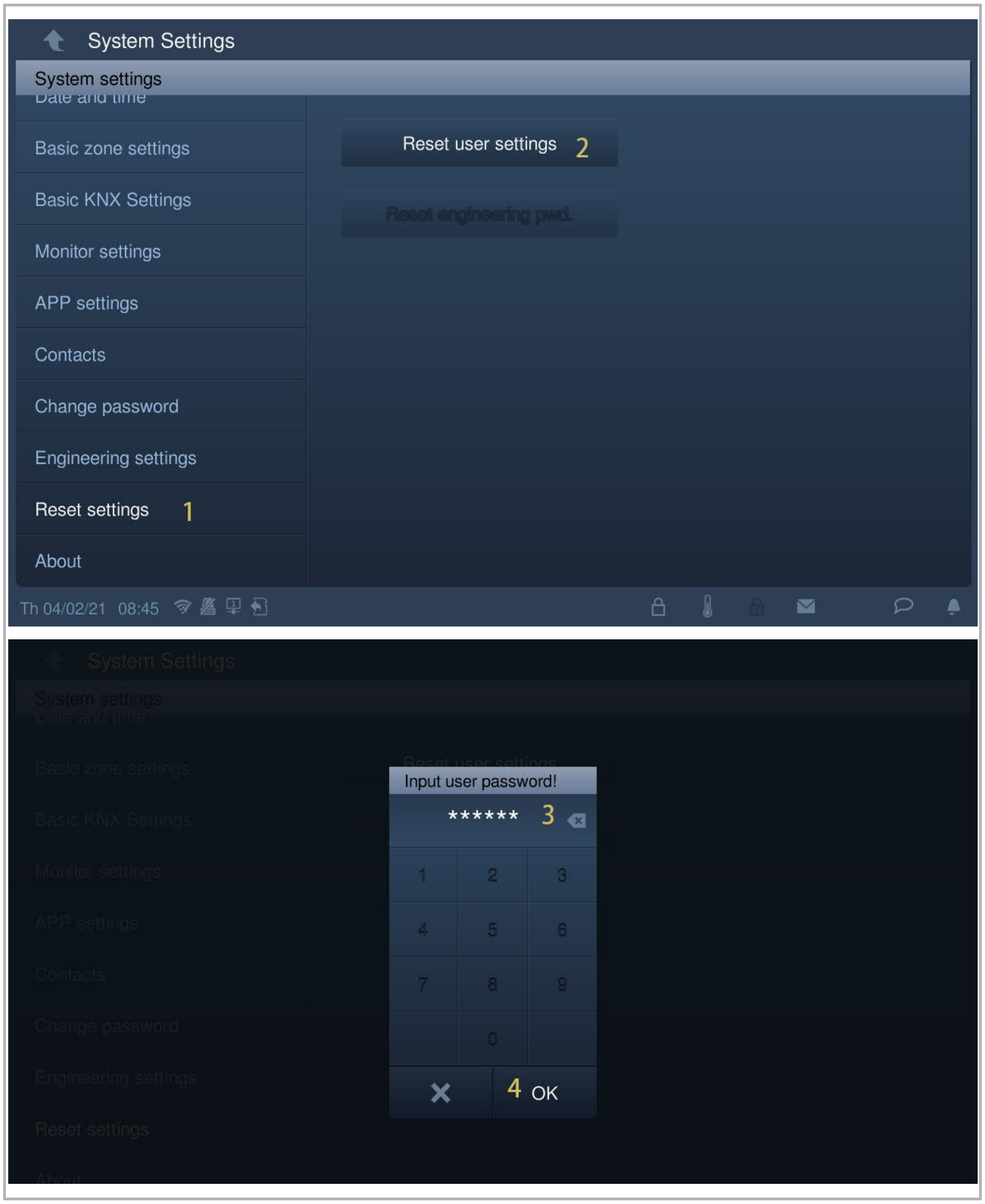
Please follow the steps below：

[1] On the "System settings" screen, tap "Reset settings".

[2] Tap "Reset user settings"

[3] Enter the user password (the system default is 123456).

[4] Tap "OK".


System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
1
About
Reset user settings
2
Reset engineering pwd.
Th 04/02/21 08:45
Input user password!
******
3
1
2
3
4
5
6
7
8
9
0
4
OK

8.4.18 Reset engineering password

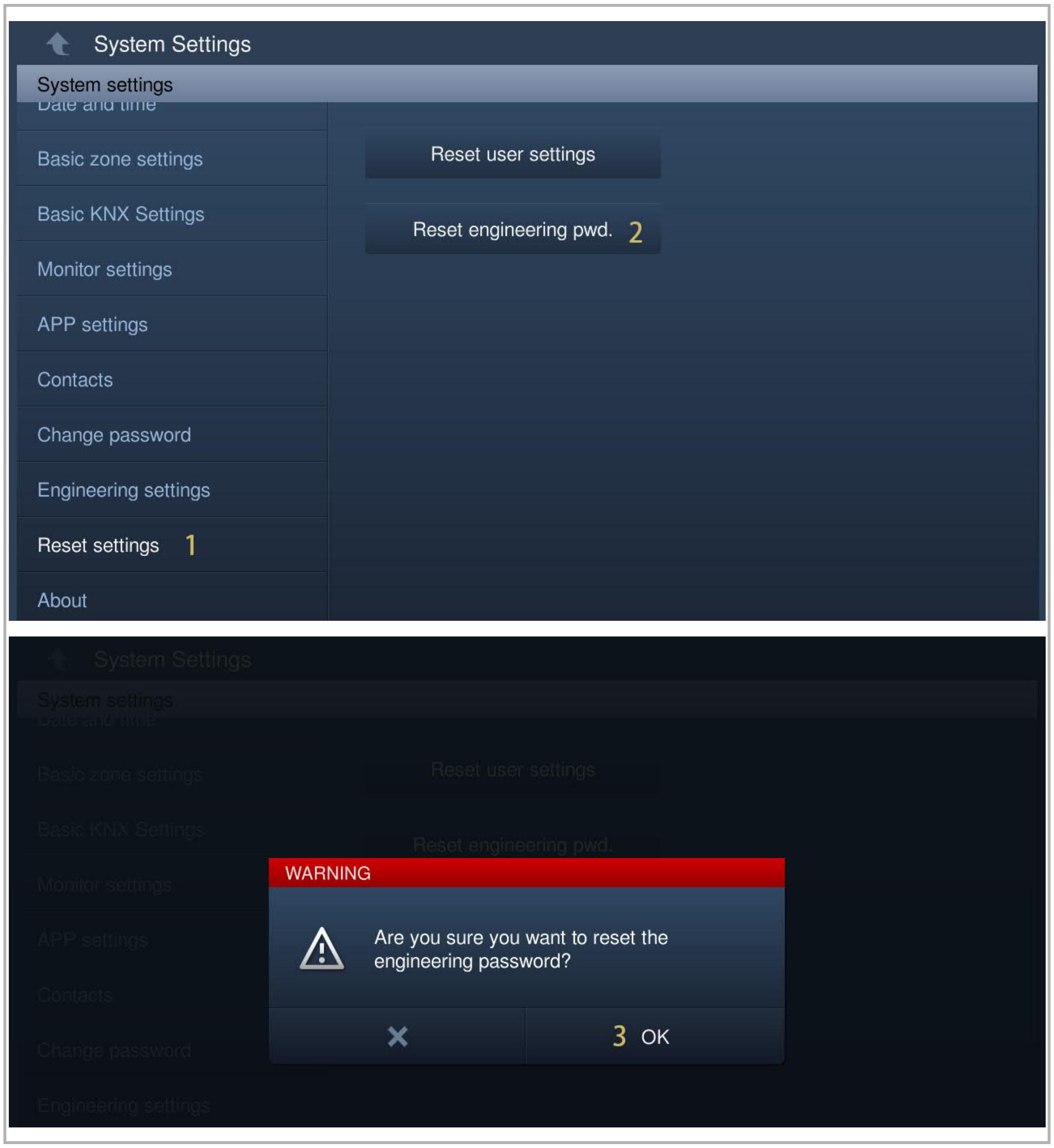
Note
This function is only available for 120 s when this indoor station is powered on.
This function resets the engineering password to the default value (345678).

Please follow the steps below：

[1] On the "System settings" screen, tap "Reset settings".

[2] Tap "Reset engineering pwd."

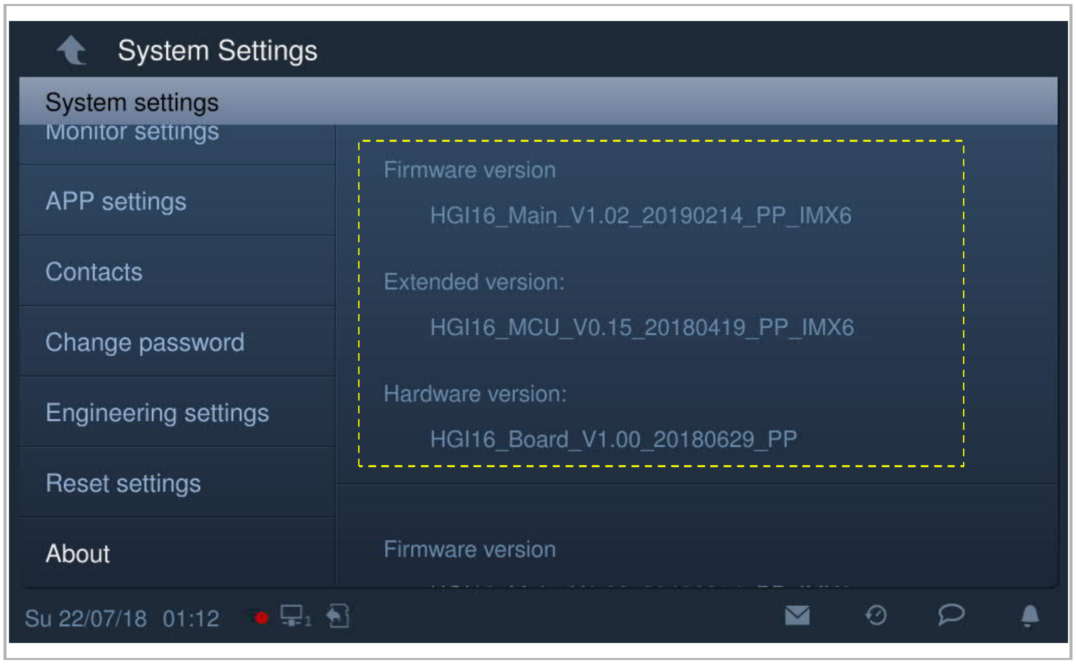
[3] Tap "OK".


System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
1
About
Reset user settings
Reset engineering pwd.
2
WARNING
✕
3
OK

Are you sure you want to reset the engineering password?

8.4.19 Viewing the version

On the "System settings" screen, click "About" to view the version information.


System Settings
System settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
About
Firmware version
Su 22/07/18 01:12

Firmware version

HGI16_Main_V1.02_20190214_PP_IMX6

Extended version:

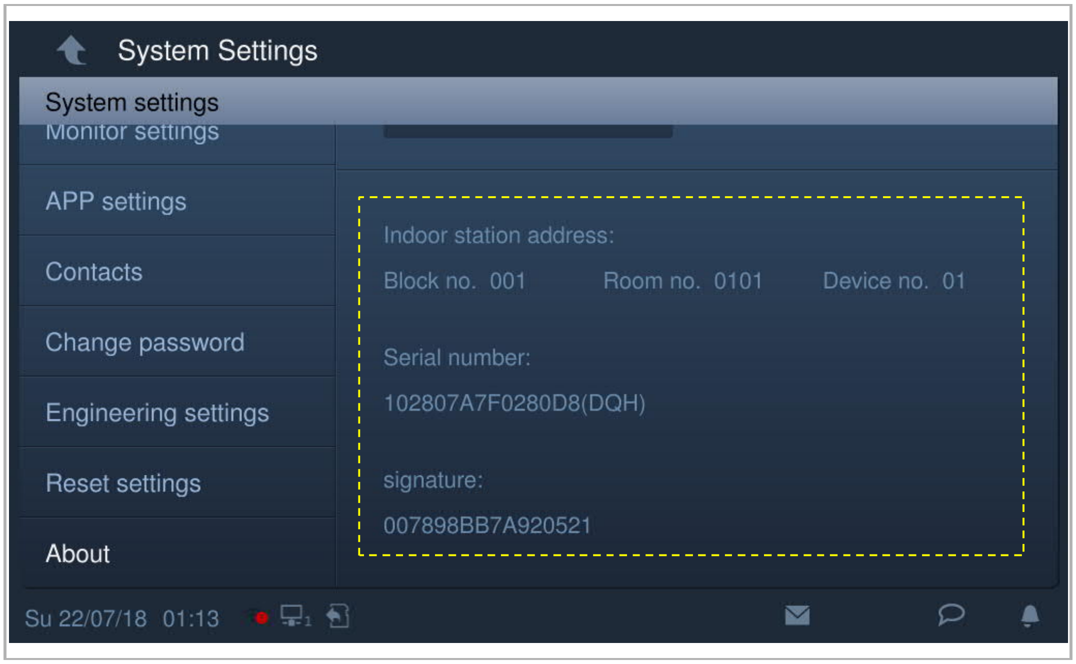
HGI16_MCU_V0.15_20180419_PP_IMX6

Hardware version:

HGI16_Board_V1.00_20180629_PP

8.4.20 Viewing the device address

On the "System settings" screen, click "About" to view the address information.


System Settings
System settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
About
Su 22/07/18 01:13

Indoor station address:

Block no. 001 Room no. 0101 Device no. 01

Serial number:

102807A7F0280D8(DQH)

signature:

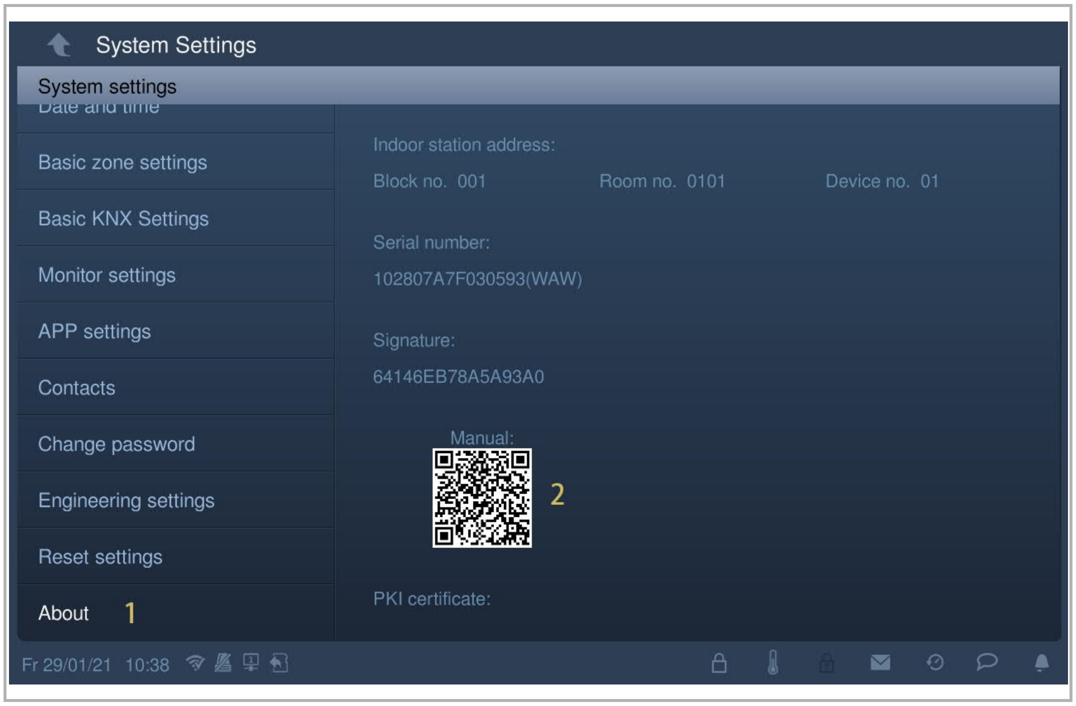
007898BB7A920521

8.4.21 Obtaining the product manual

Please follow the steps below:

[1] On the "System settings" screen, tap "About".

[2] Using the mobile to scan the QR code to access the website.



Indoor station address:

Block no. 001 Room no. 0101 Device no. 01

Serial number:

102807A7F030593(WAW)

Signature:

64146EB78A5A93A0

Manual:

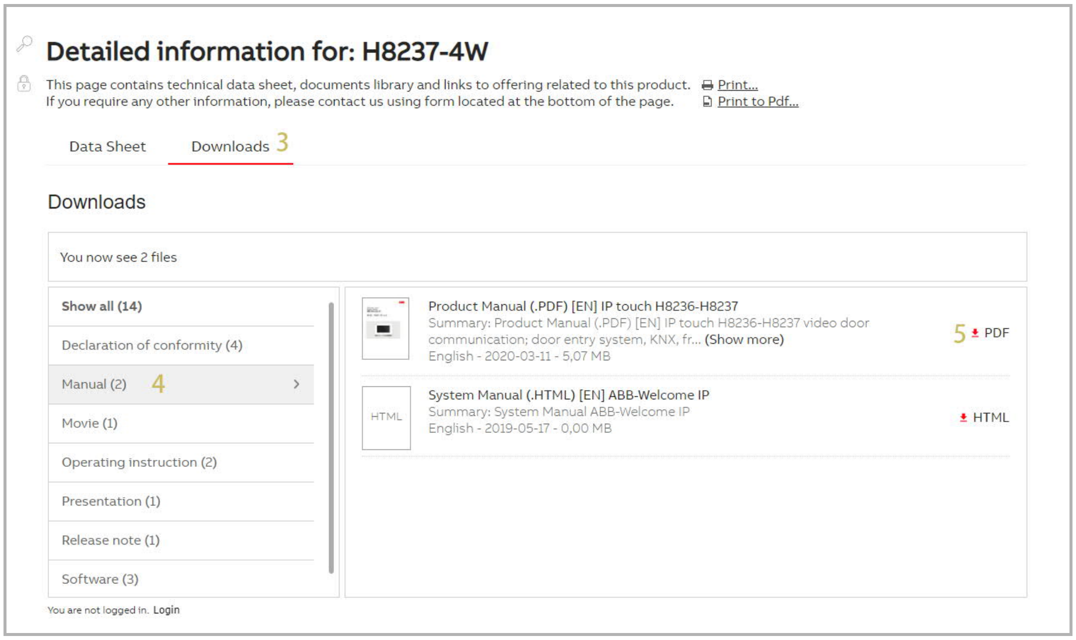
PKI certificate:

System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
About
1
2
Fr 29/01/21 10:38

[3] On the website, click "Downloads".

[4] Click "Manual".

[5] Click "PDF" to download the file.


Print...
Print to Pdf...
Data Sheet
Downloads
3
Show all (14)
Declaration of conformity (4)
Manual (2)
4
Movie (1)
Operating instruction (2)
Presentation (1)
Release note (1)
Software (3)
5
PDF
HTML
HTML
Login

Detailed information for: H8237-4W

This page contains technical data sheet, documents library and links to offering related to this product.
If you require any other information, please contact us using form located at the bottom of the page.

Downloads

You now see 2 files

Product Manual (.PDF) [EN] IP touch H8236-H8237
Summary: Product Manual (.PDF) [EN] IP touch H8236-H8237 video door communication; door entry system, KNX, fr... (Show more)
English - 2020-03-11 - 5,07 MB

System Manual (.HTML) [EN] ABB-Welcome IP
Summary: System Manual ABB-Welcome IP
English - 2019-05-17 - 0,00 MB

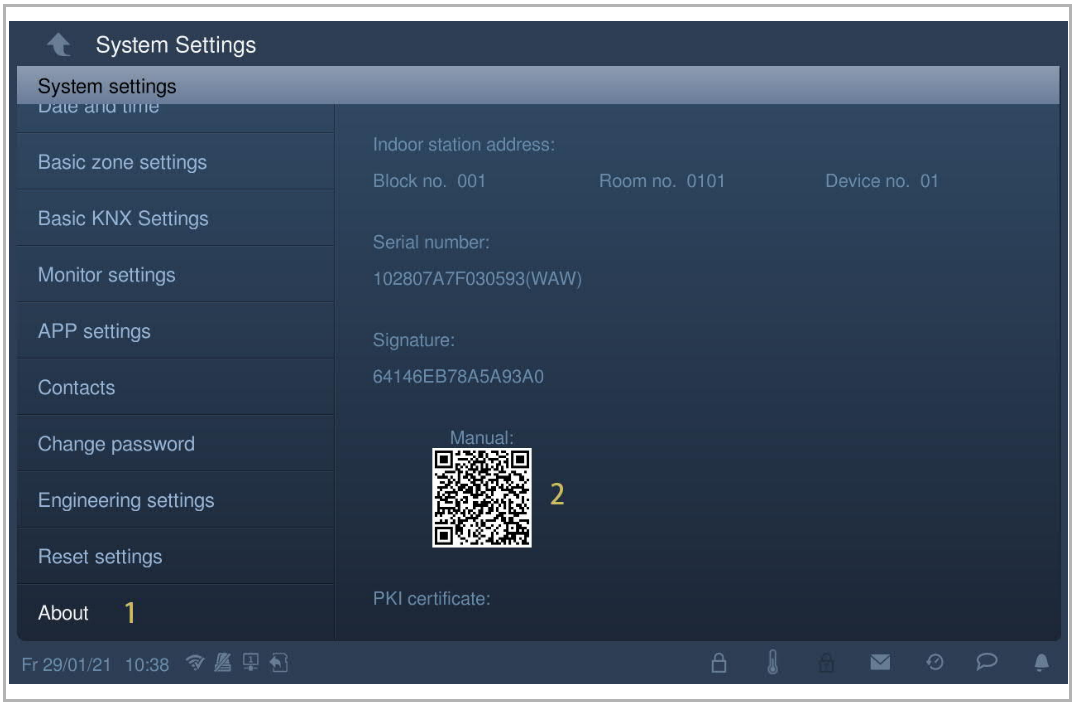
You are not logged in.

8.4.22 Updating the firmware

Please follow the steps below:

[1] On the "System settings" screen, tap "About".

[2] Use the mobile to scan the QR code to access the website.


System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
About
1
2
Manual:
PKI certificate:
Fr 29/01/21 10:38

Indoor station address:

Block no. 001 Room no. 0101 Device no. 01

Serial number:

102807A7F030593(WAW)

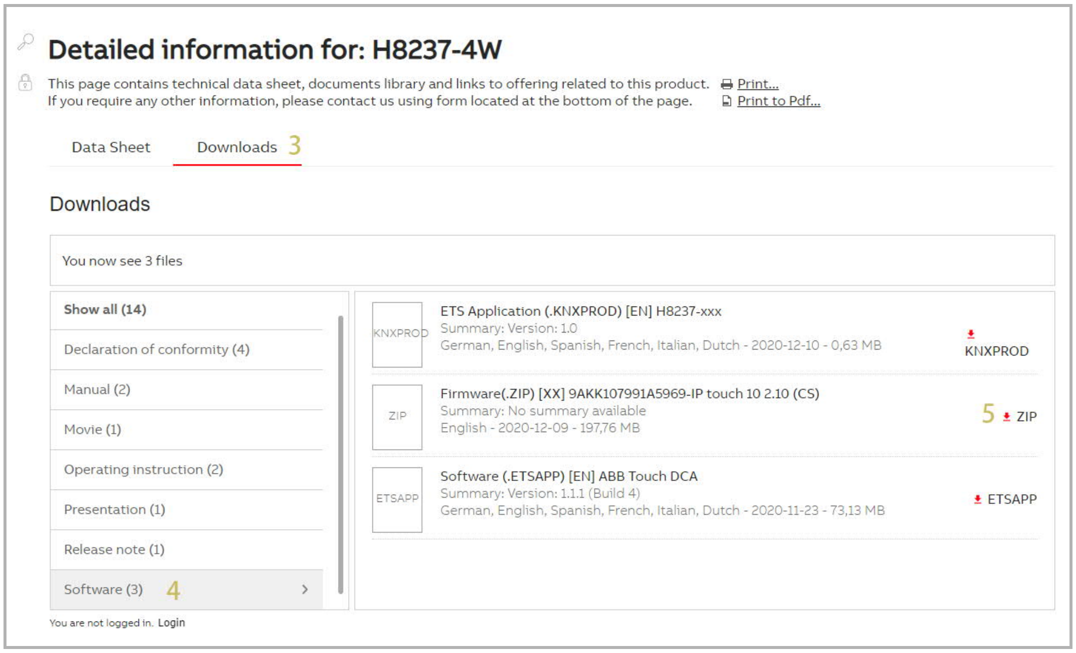
Signature:

64146EB78A5A93A0

[3] On the website, click "Downloads".

[4] Click "Software".

[5] Click "ZIP" to download the file.



Detailed information for: H8237-4W

This page contains technical data sheet, documents library and links to offering related to this product. If you require any other information, please contact us using form located at the bottom of the page.

Print...
Print to Pdf...
Data Sheet
Downloads
3
Downloads

You now see 3 files

Show all (14)
Declaration of conformity (4)
Manual (2)
Movie (1)
Operating instruction (2)
Presentation (1)
Release note (1)
Software (3)
4

ETS Application (.KNXPROD) [EN] H8237-xxx
Summary: Version: 1.0
German, English, Spanish, French, Italian, Dutch - 2020-12-10 - 0,63 MB

Firmware(.ZIP) [XX] 9AKK107991A5969-IP touch 10 2.10 (CS)
Summary: No summary available
English - 2020-12-09 - 197,76 MB

Software (.ETSAPP) [EN] ABB Touch DCA
Summary: Version: 1.1.1 (Build 4)
German, English, Spanish, French, Italian, Dutch - 2020-11-23 - 73,13 MB

KNXPROD
ZIP
ETSAPP
5
You are not logged in. Login

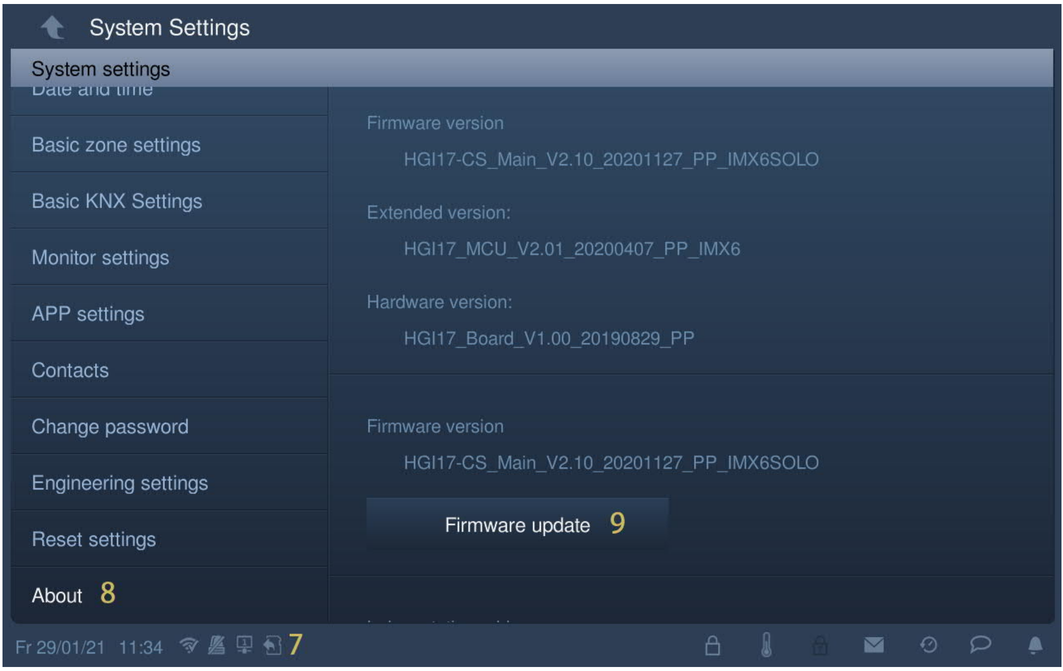
[6] Unzip the zip file (1 .img file and 1 .sig file), copy these 2 files to an SD card.

[7] Insert the SD card to the IP touch. An icon will be displayed on the status bar if the SD card is inserted successfully.

[8] On the "System settings" screen, tap "About".

[9] Tap "Firmware update".

[10] Select the update file and then click "OK" to update the firmware.



System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
About 8
Firmware update 9
Fr 29/01/21 11:34
7

Firmware version
HGI17-CS_Main_V2.10_20201127_PP_IMX6SOLO

Extended version:
HGI17_MCU_V2.01_20200407_PP_IMX6

Hardware version:
HGI17_Board_V1.00_20190829_PP

Firmware version
HGI17-CS_Main_V2.10_20201127_PP_IMX6SOLO

8.5 Engineering settings

8.5.1 Enter engineering settings

Engineering password

The system default engineering password is 345678. The user must change the engineering password when accessing the engineering settings for the first time.

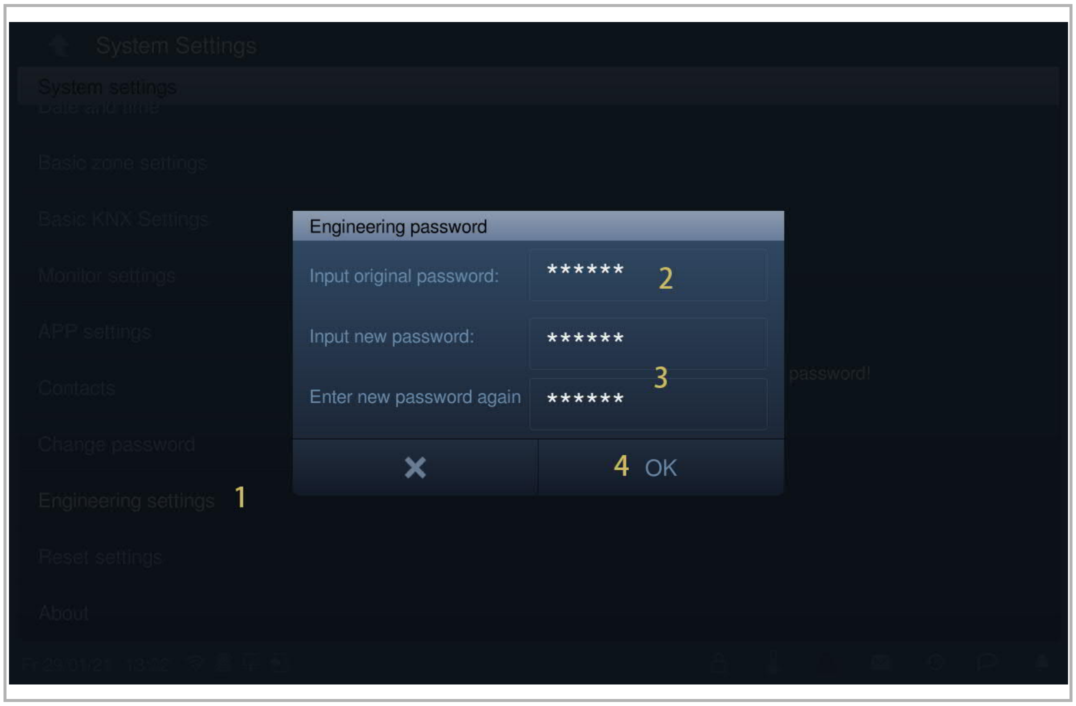
Please follow the steps below:

[1] On the "System settings" screen, tap "Engineering settings".

[2] Input original password.

[3] Input new password twice.

[4] Click "OK" to save the setting.


System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
1
Reset settings
About
password!
2
3
✕
4
OK

Engineering password

Input original password: ******

Input new password: ******

Enter new password again ******

Password rule

This password must not include continuously increasing or decreasing numbers (e.g. 123456, 654321). Three consecutive identical numbers are similarly not permitted (e.g. 123444, 666888).

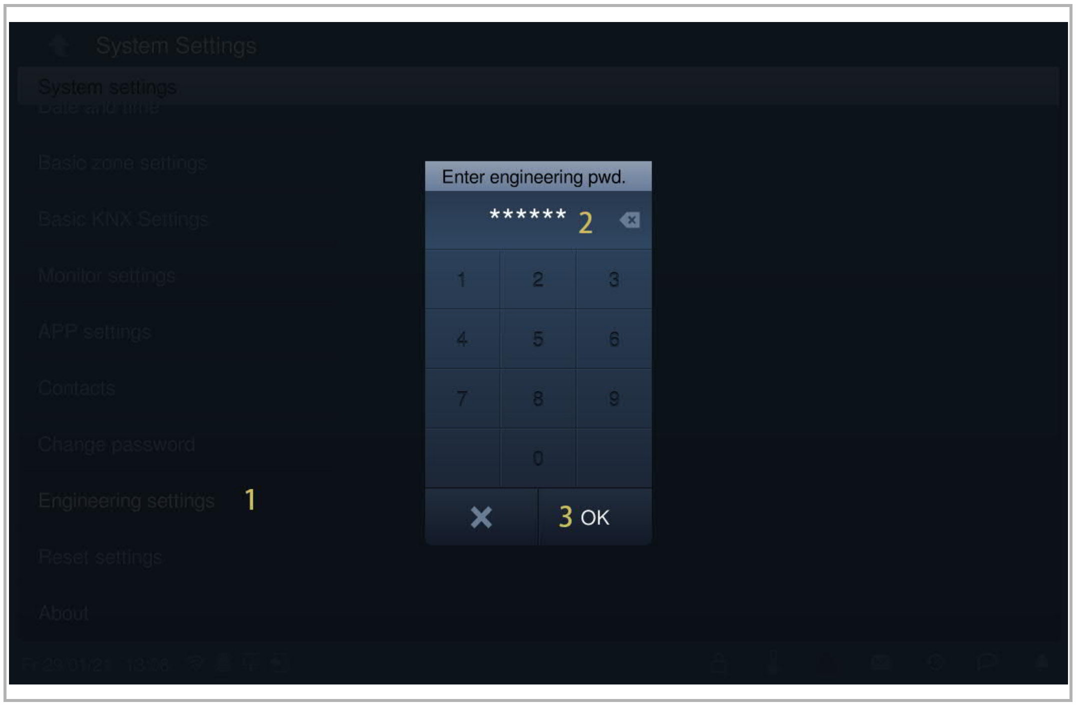
Enter engineering settings

Please follow the steps below:

[1] On the "System settings" screen, tap "Engineering settings".

[2] Input the engineering password.

[3] Click "OK" to access the "Engineering settings" screen.

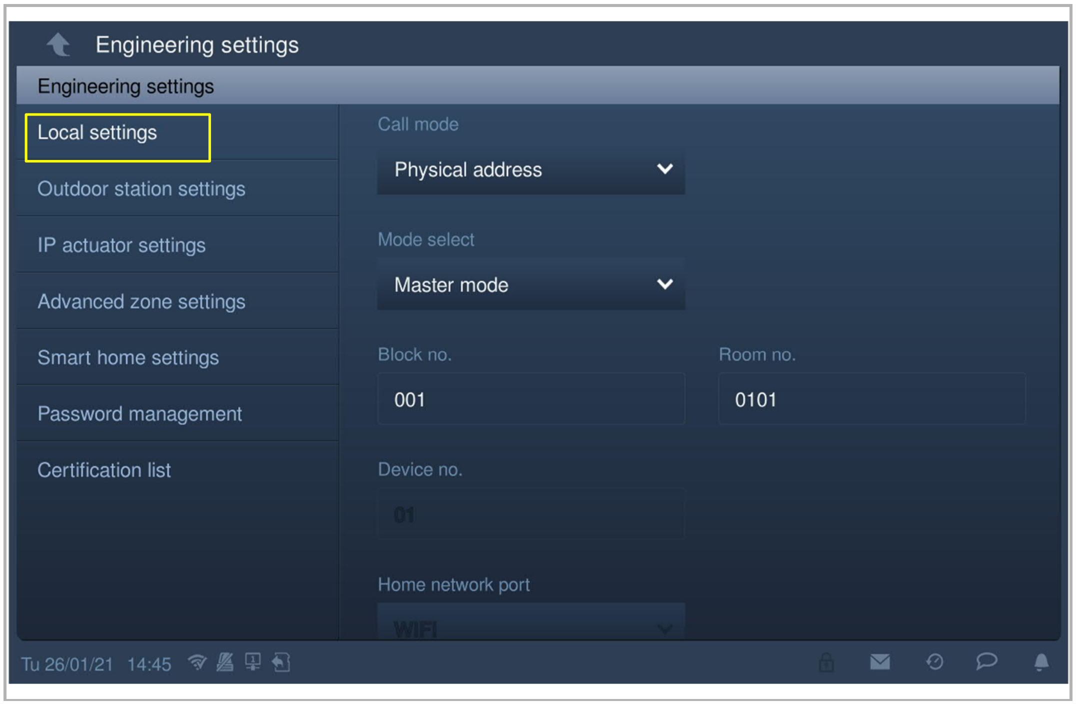

System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
1
Reset settings
About
Enter engineering pwd.
******
2
1
2
3
4
5
6
7
8
9
0
3
OK

Wrong password
If the wrong password is entered 10 times within 5 minutes, it is not possible to enter the password again for 5 minutes.

Forgotten engineering password
Please contact the technical support engineers if you forget the engineering password.

8.5.2 Accessing the "Local settings" screen

On the "Engineering settings" screen, tap "Local settings" to access the corresponding screen.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Tu 26/01/21 14:45

Call mode
Physical address

Mode select
Master mode

Block no.
001

Room no.
0101

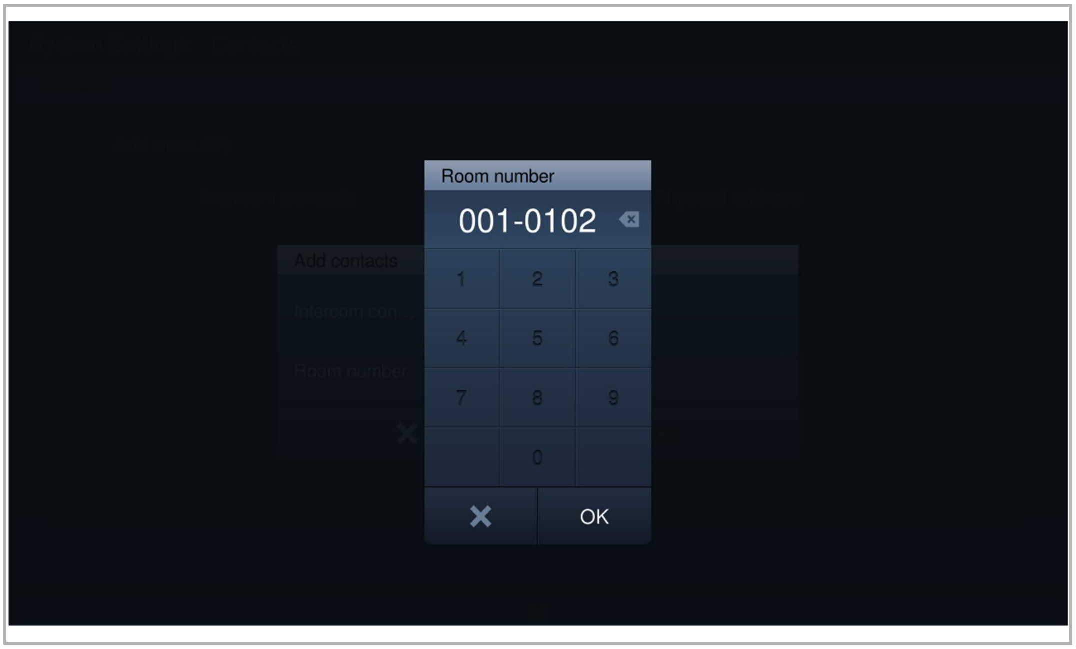
Device no.
01

Home network port
WIFI

8.5.3 Call mode setting

1. Call mode = physical address (default)

In this mode, when the user wants to initiate an intercom call, he needs to enter the physical address (e.g. "001-0102").



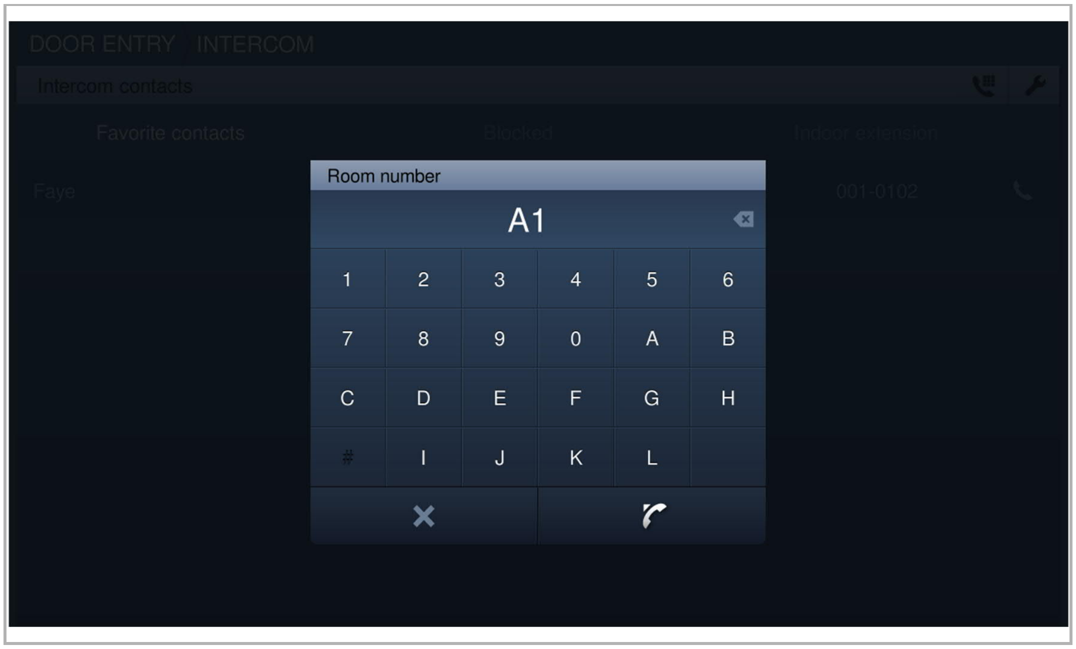
Room number

001-0102

Add contacts
Intercom con
Room number
1
2
3
4
5
6
7
8
9
0
OK

2. Call mode = logical address

In this mode, when the user wants to initiate an intercom call, he needs to enter the logical address (e.g. "A1").



Room number

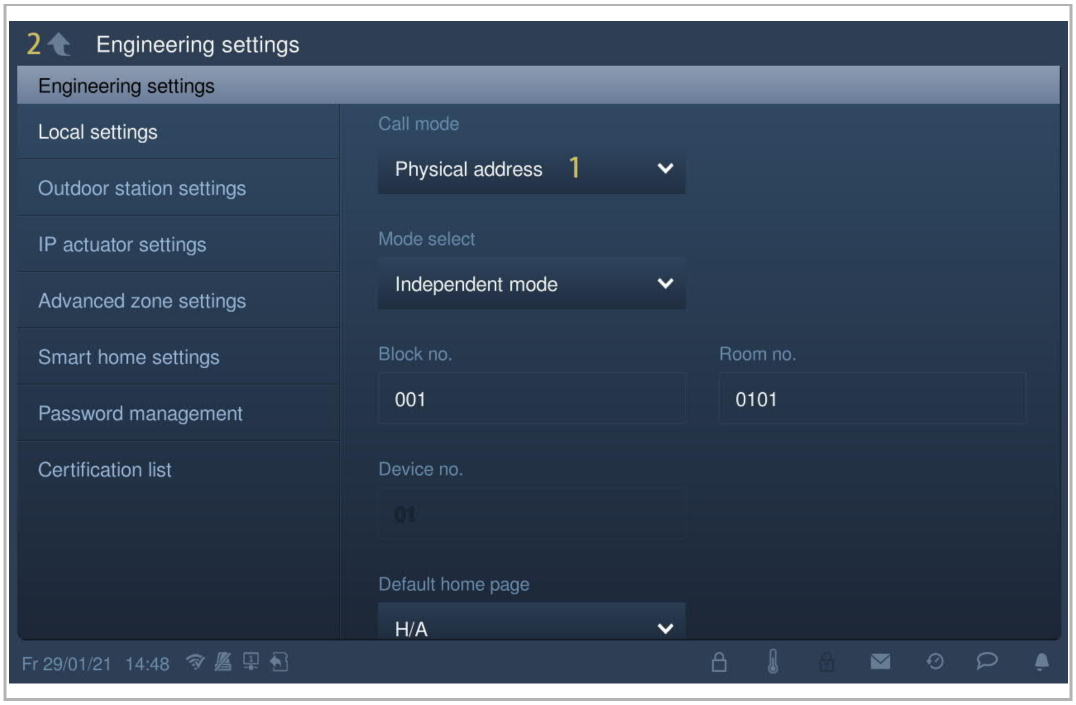
A1

DOOR ENTRY
INTERCOM
Intercom contacts
Favorite contacts
Blocked
Indoor extension
Faye
001-0102
1
2
3
4
5
6
7
8
9
0
A
B
C
D
E
F
G
H
#
I
J
K
L

Please follow the steps below:

[1] On the "Local settings" screen, select call mode from the drop-down list.

[2] Tap "⬆" to exit the setting, tap "OK" to save the settings.


2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
1
Fr 29/01/21 14:48

Call mode
Physical address

Mode select
Independent mode

Block no.
001

Room no.
0101

Device no.
01

Default home page
H/A

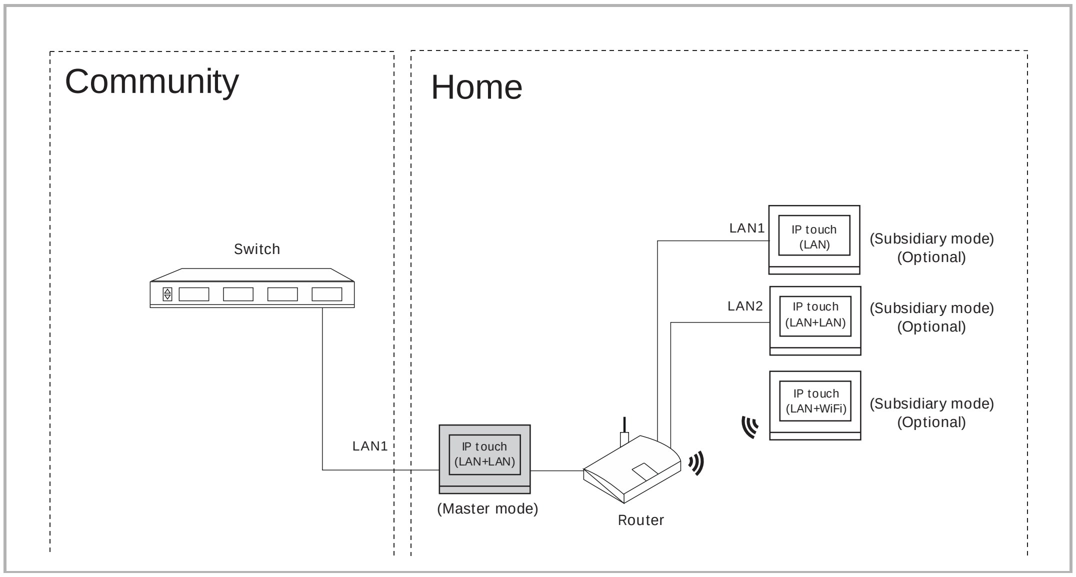
For more information, .

8.5.4 Device mode setting

1. Master mode

Only one indoor station can be set to master mode in the same apartment.

Both IP touch (LAN+LAN) and IP touch (LAN+WiFi) can be set to master mode.


Community
Home
Switch
LAN1
IP touch (LAN+LAN)
(Master mode)
Router
LAN1
IP touch (LAN)
(Subsidiary mode) (Optional)
LAN2
IP touch (LAN+LAN)
(Subsidiary mode) (Optional)
IP touch (LAN+WiFi)
(Subsidiary mode) (Optional)

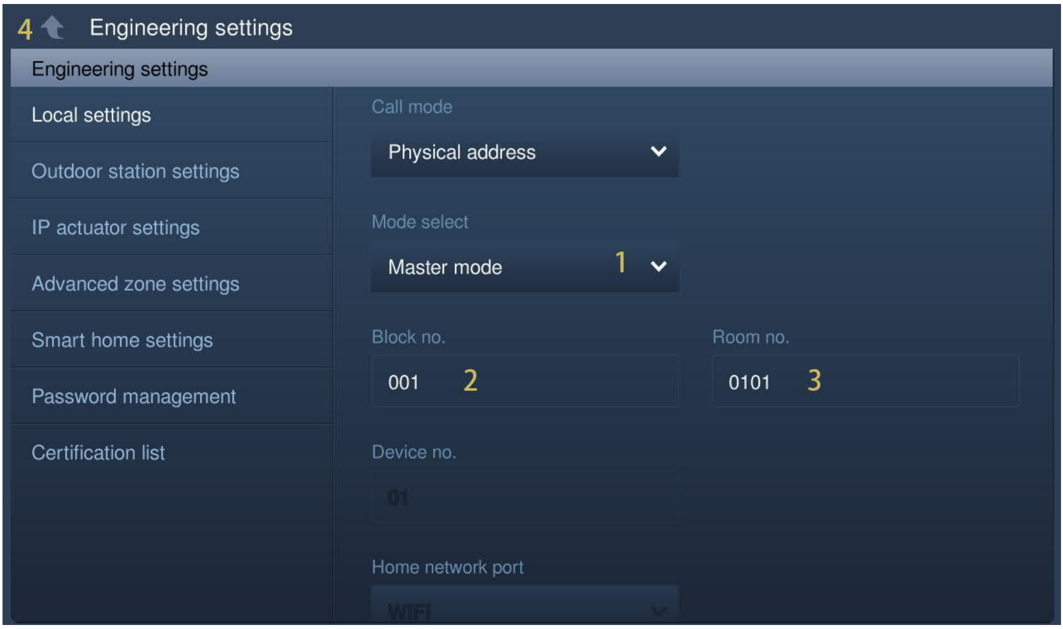
Please follow the steps below:

[1] On the "Local settings" screen, select "Master mode" from the drop-down list.

[2] Enter the block number.

[3] Enter the room number.

[4] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.


4
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
1
2
3

Call mode: Physical address

Mode select: Master mode

Block no.: 001

Room no.: 0101

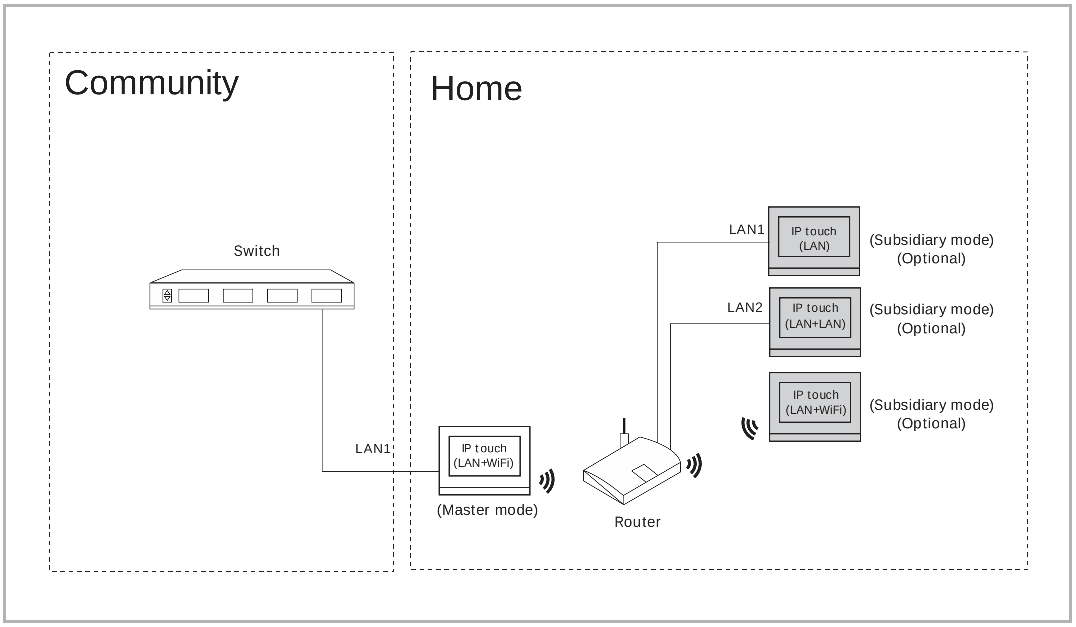
Device no.: 01

Home network port: WiFi

2. Subsidiary mode

In the same apartment, except for the master indoor station, other indoor stations must be set to the subsidiary indoor station.

All types of indoor stations can be set to the subsidiary indoor station.

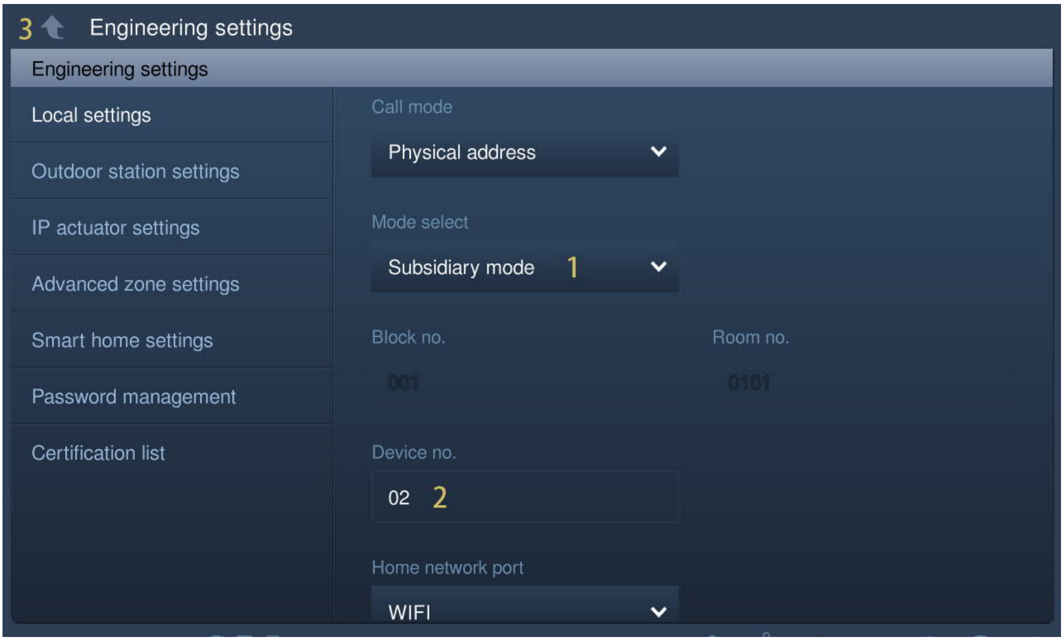

Community
Home
Switch
LAN1
IP touch (LAN+WiFi)
(Master mode)
Router
LAN1
IP touch (LAN)
(Subsidiary mode) (Optional)
LAN2
IP touch (LAN+LAN)
(Subsidiary mode) (Optional)
IP touch (LAN+WiFi)
(Subsidiary mode) (Optional)

Please follow the steps below:

[1] On the "Local settings" screen, select "Subsidiary mode" from the drop-down list.

[2] Enter the device number.

[3] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
1
2

Call mode: Physical address

Mode select: Subsidiary mode

Block no.: 001

Room no.: 0101

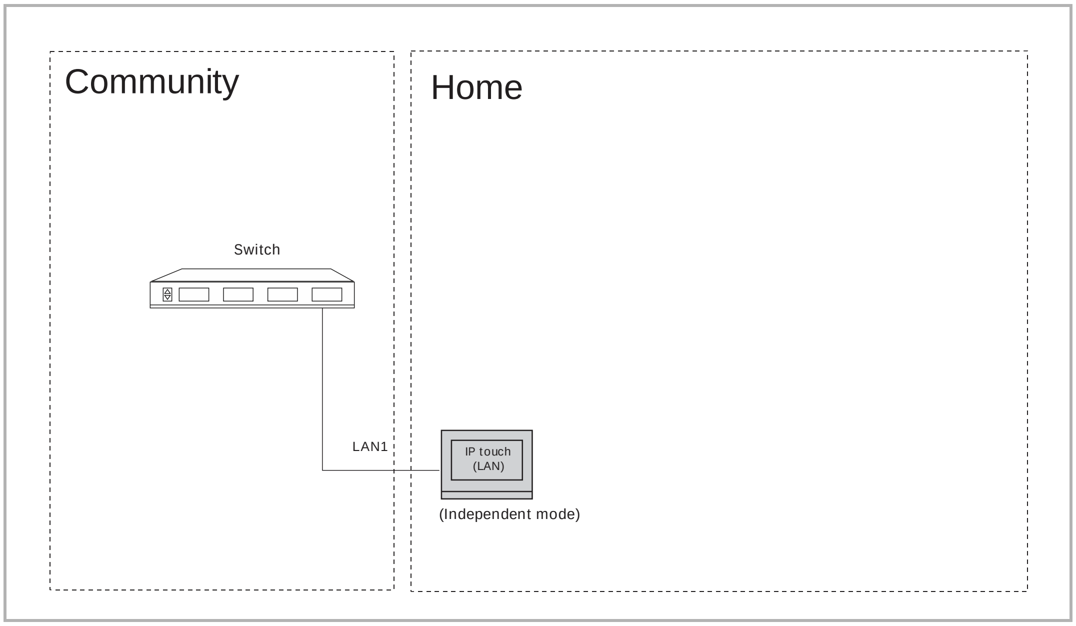
Device no.: 02

Home network port: WIFI

3. Independent mode

If IP touch is set to independent mode, no other devices can be supported.

The independent indoor station can be managed using management software.


Community
Home
Switch
LAN1
IP touch (LAN)
(Independent mode)

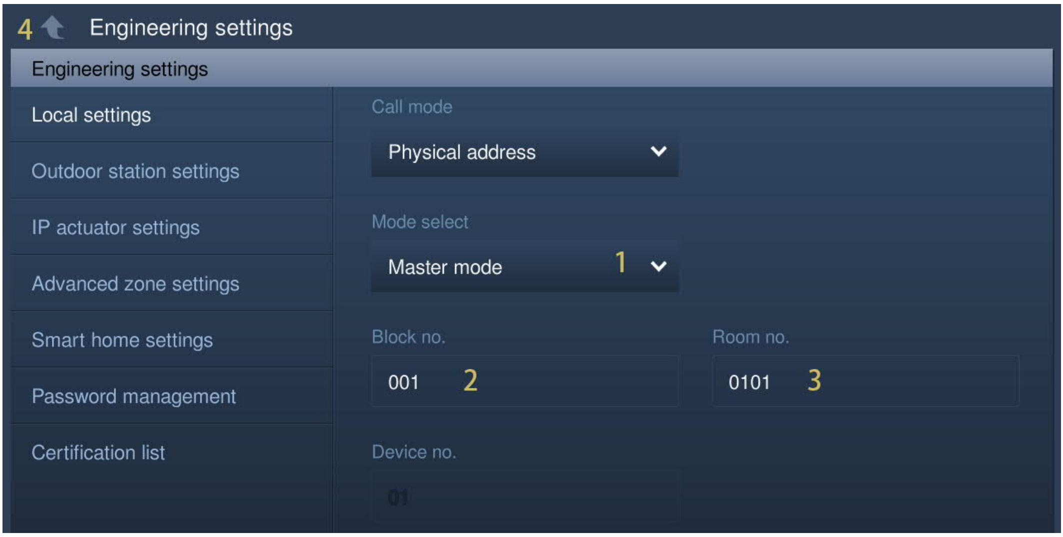
Please follow the steps below:

[1] On the "Local settings" screen, select "Independent mode" from the drop-down list.

[2] Enter the block number.

[3] Enter the room number.

[4] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


4
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
1
2
3

Call mode: Physical address

Mode select: Master mode

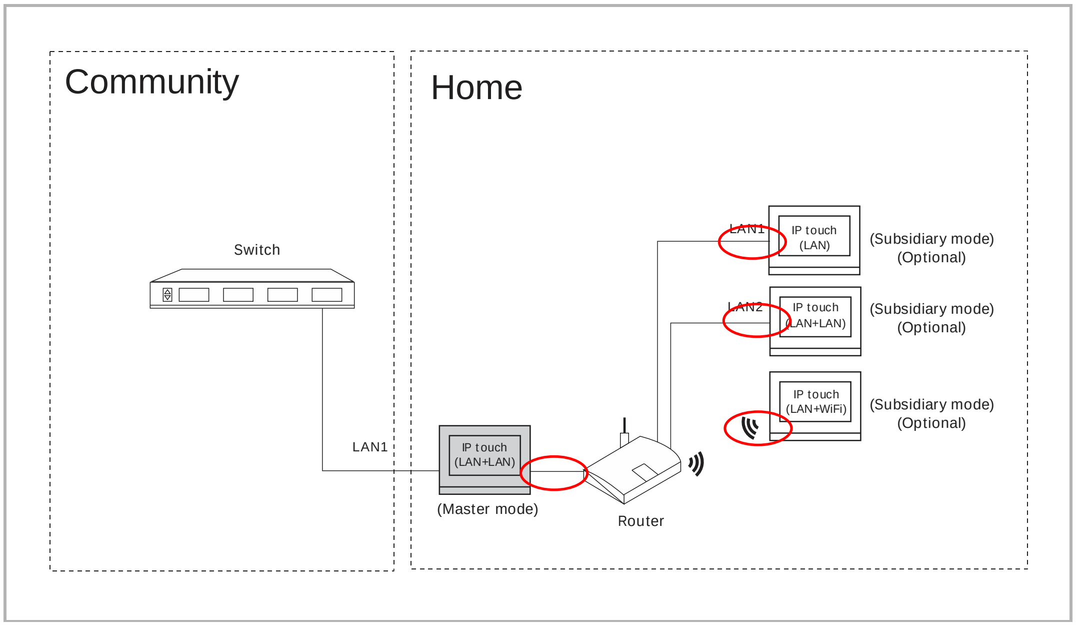
Block no.: 001

Room no.: 0101

Device no.: 01

8.5.5 Home network port setting

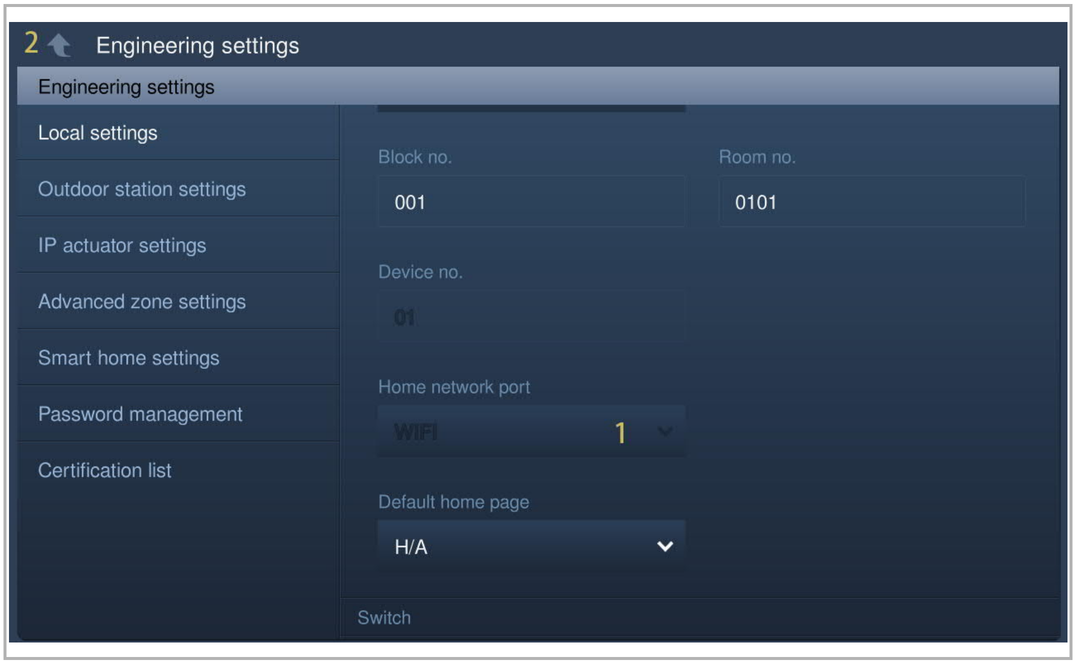
Home network port means the port connect to the router via LAN or WiFi.


Community
Home
Switch
LAN1
IP touch (LAN+LAN)
(Master mode)
Router
LAN1
IP touch (LAN)
(Subsidiary mode) (Optional)
LAN2
IP touch (LAN+LAN)
(Subsidiary mode) (Optional)
IP touch (LAN+WiFi)
(Subsidiary mode) (Optional)

Please follow the steps below:

[1] On the "Local settings" screen, select home network port from the drop-down list.

[2] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
1

Block no.: 001

Room no.: 0101

Device no.: 01

Home network port: WIFI

Default home page: H/A

Switch

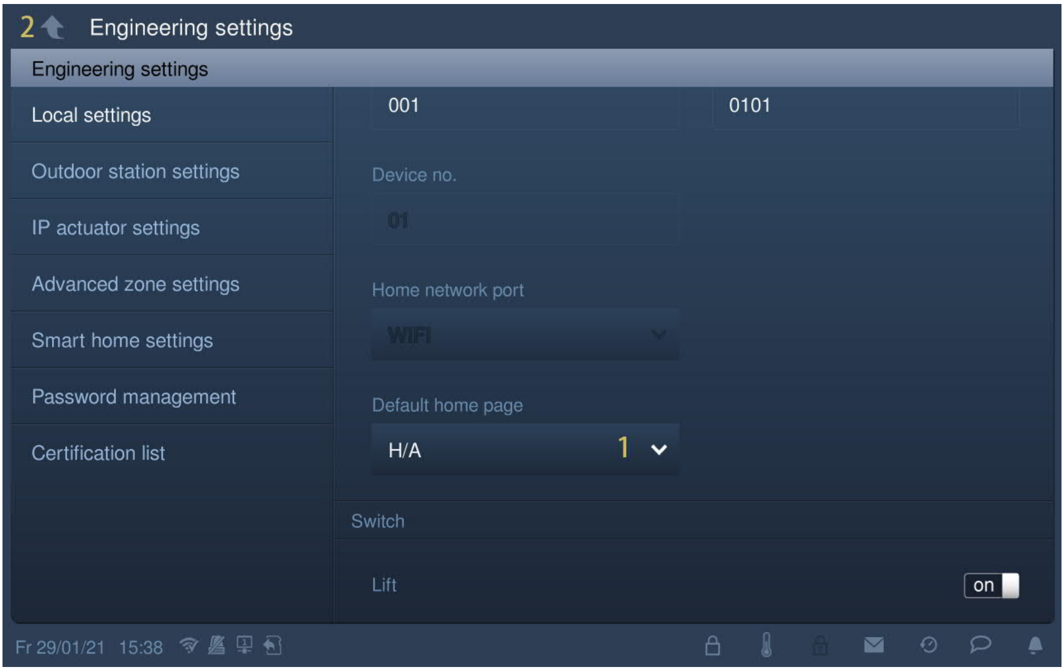
8.5.6 Default home page setting

Default home page can be selected among "H/A" (default), "DES" and "CCTV".

Follow the steps below to change the setting:

[1] On the "Local settings" screen, select default home page from the drop-down list.

[2] Tap "⇧" to exit the setting, tap "OK" to save the settings.


2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
1
Fr 29/01/21 15:38

001

0101

Device no.

01

Home network port

WIFI

Default home page

H/A

Switch

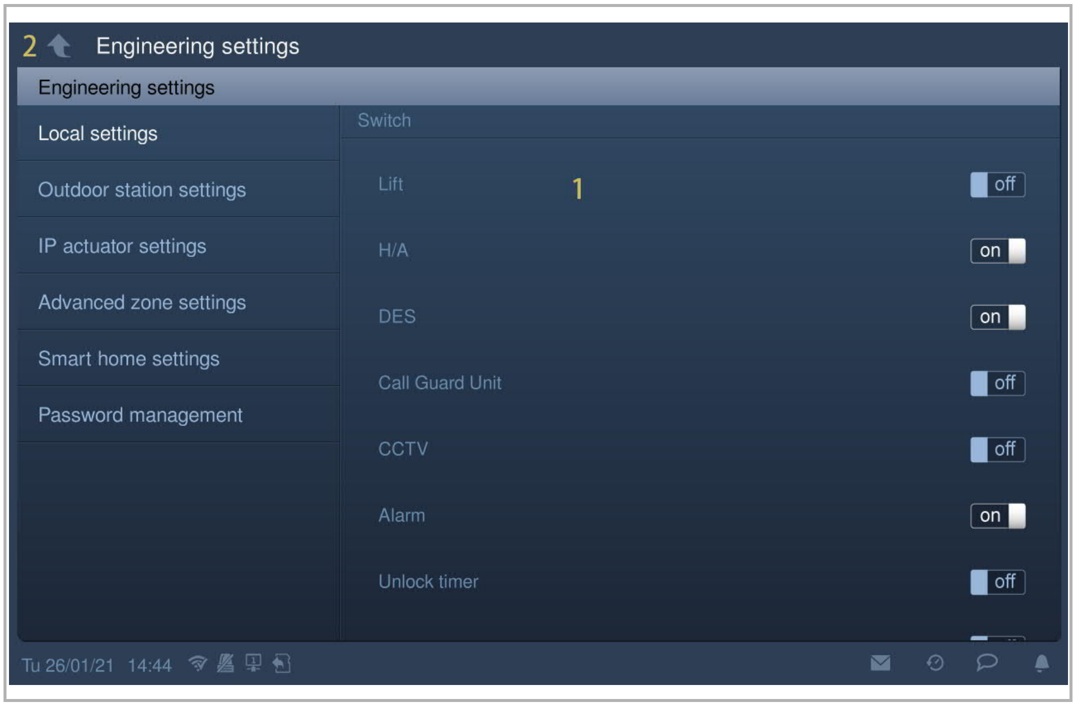
Lift on

8.5.7 Function management

Please follow the steps:

[1] On the "Local settings" screen, tap the designated slider to switch on/off the function.

[2] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.


2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Switch
1
Tu 26/01/21 14:44

Lift off

H/A on

DES on

Call Guard Unit off

CCTV off

Alarm on

Unlock timer off

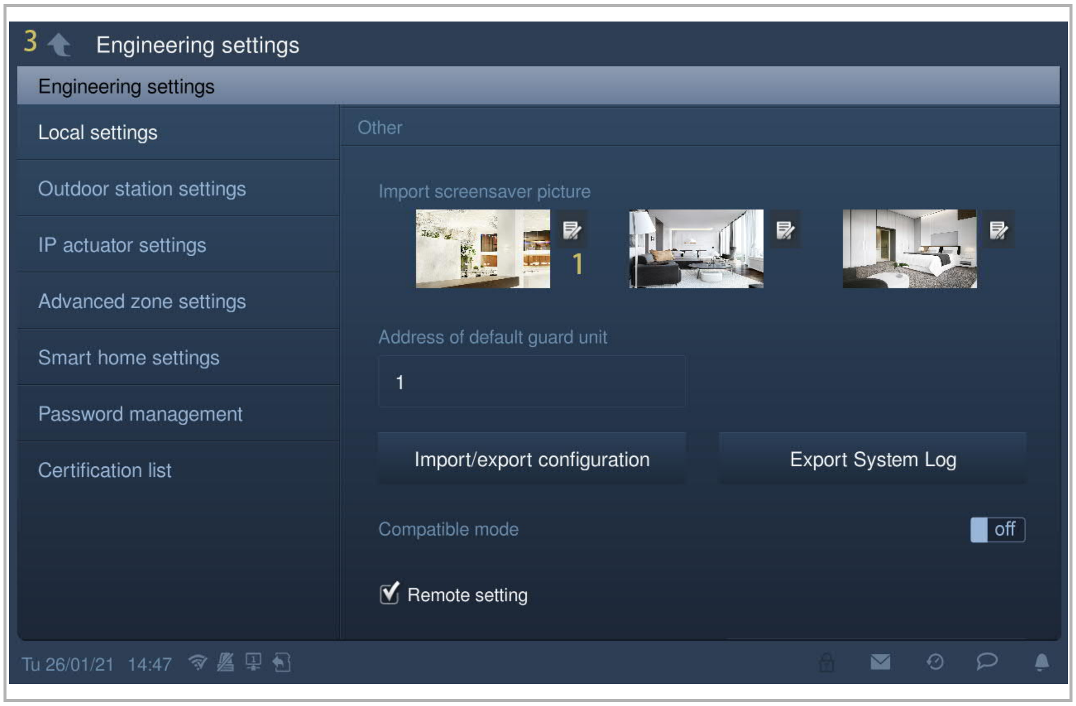
8.5.8 Screensaver picture setting

Please follow the steps:

[1] On the "Local settings" screen, tap " ✎ ".

[2] Select the designated picture from the SD card.

[3] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Other
Import screensaver picture
1
Import/export configuration
Export System Log
Tu 26/01/21 14:47

Address of default guard unit: 1

Compatible mode: off

☑ Remote setting

Note
The picture supports .jpg, .png and .bmp format, with a maximum resolution of 2048 x 1920. The recommend resolution is 1024 x 600.

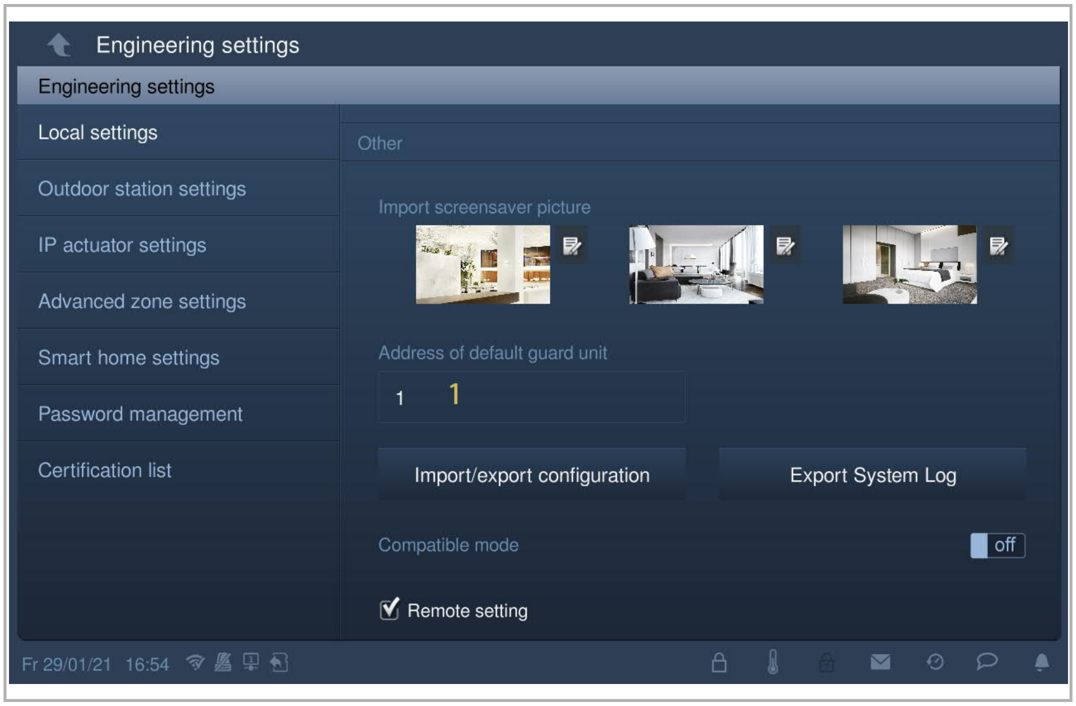
8.5.9 Default guard unit setting

Please follow the steps:

[1] On the "Local settings" screen, tap "Address of default guard unit".

[2] Enter the address (1…32).

[3] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Other
Import screensaver picture
Import/export configuration
Export System Log
Fr 29/01/21 16:54

Address of default guard unit: 1 1

Compatible mode: off

☑ Remote setting

8.5.10 Exporting the configuration file

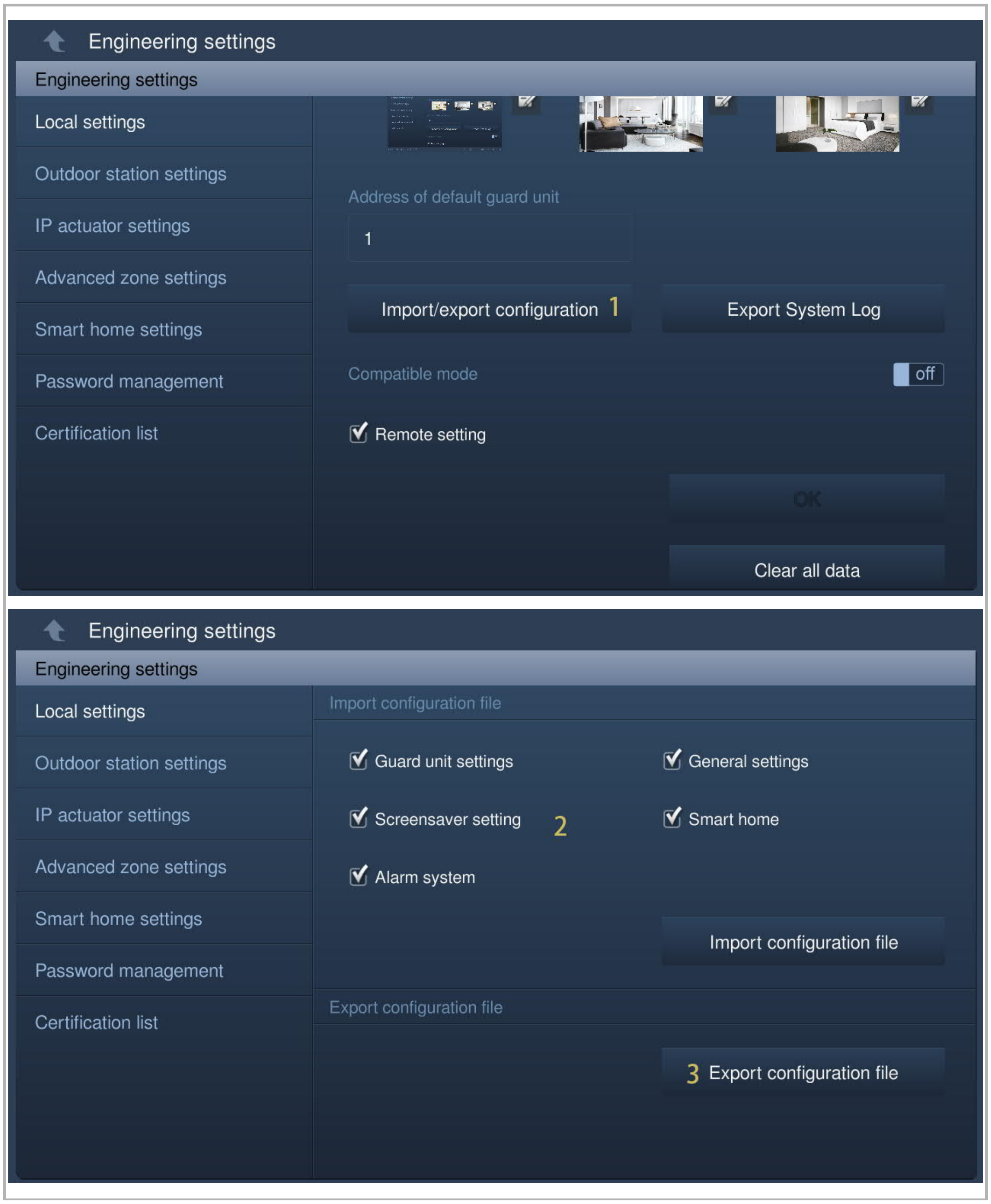
Note
An SD card must be inserted to the IP touch before use.

Please follow the steps:

[1] On the "Local settings" screen, tap "Import/export configuration".

[2] Select the designated functions.

[3] Tap "Export configuration file" to output a configuration file to the SD card.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Import/export configuration
1
Export System Log
OK
Clear all data
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Import configuration file
2
Import configuration file
Export configuration file
3
Export configuration file

Address of default guard unit: 1

Compatible mode: off

☑ Remote setting

☑ Guard unit settings
☑ General settings
☑ Screensaver setting
☑ Smart home
☑ Alarm system

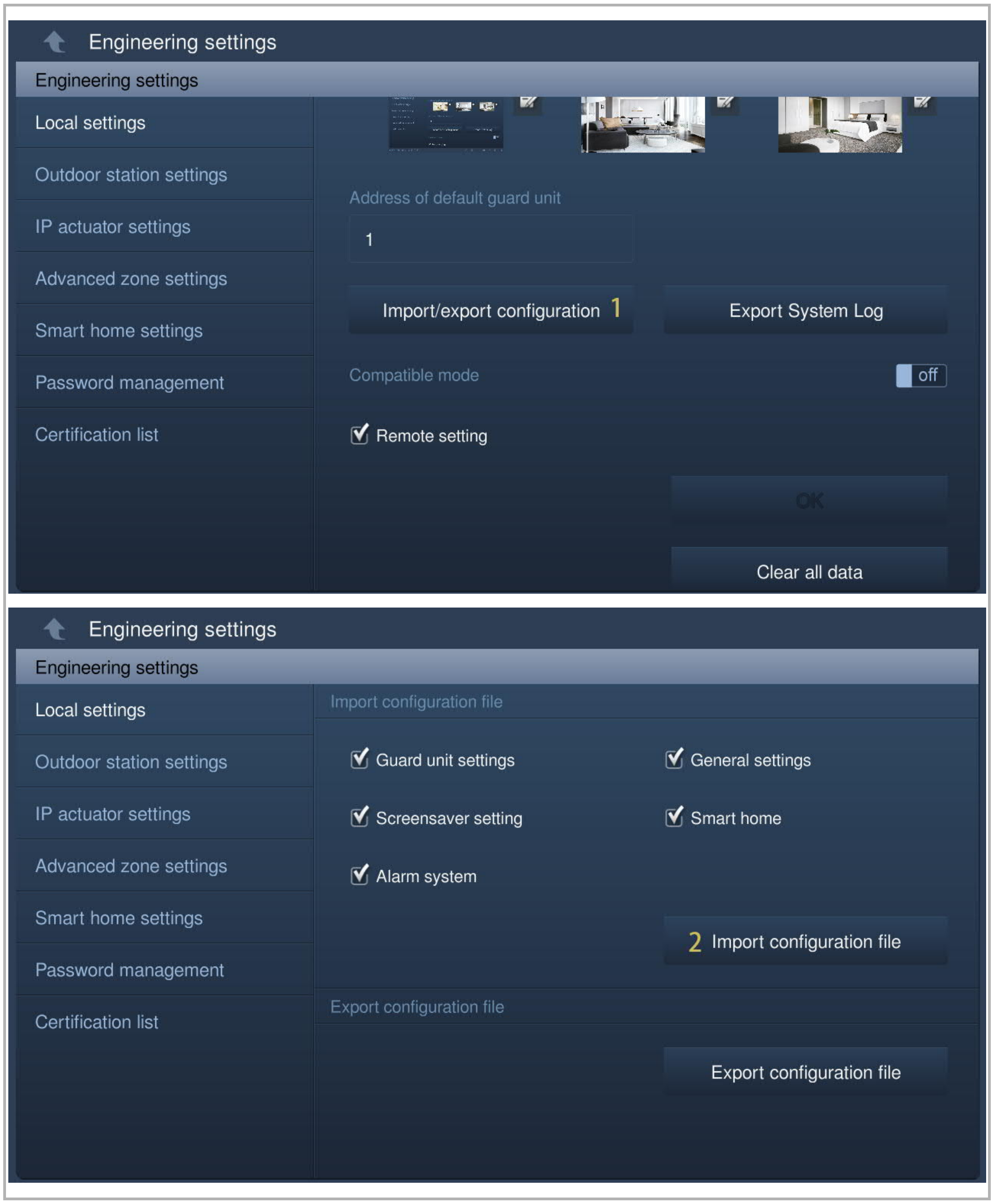
8.5.11 Importing the configuration file

Note
An SD card must be inserted to the IP touch before use.

Please follow the steps:

[1] On the "Local settings" screen, tap "Import/export configuration".

[2] Tap "Import configuration file" to import a configuration file from the SD card.



Address of default guard unit
1

Compatible mode off

☑ Remote setting

Import configuration file

☑ Guard unit settings
☑ General settings
☑ Screensaver setting
☑ Smart home
☑ Alarm system

Export configuration file

Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Import/export configuration
1
Export System Log
OK
Clear all data
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
2
Import configuration file
Export configuration file

8.5.12 Compatible mode setting

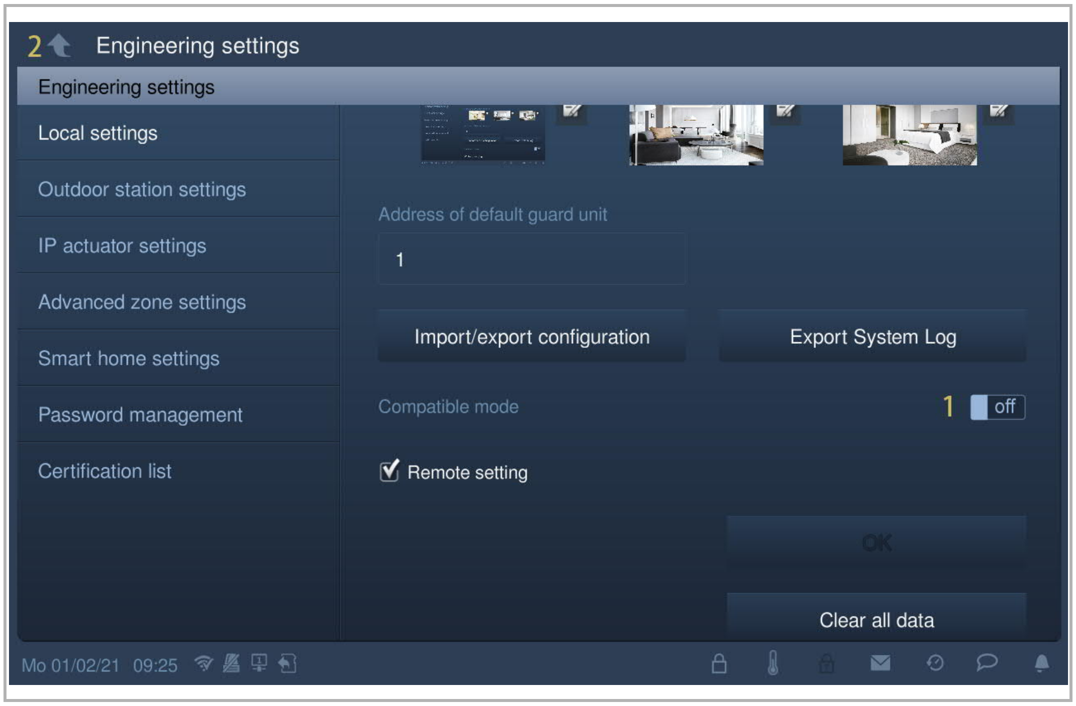
The IP touch works in security mode to guarantee high security (Compatible mode is disabled by default).

It is suggested that compatible mode is only used when the devices need to communicate with previous generation products. In this mode, data transmission between devices is not encrypted, may lead to data leaks and has the risk of being attacked.

Please follow the steps below:

[1] On the "Local settings" screen, tap the slider "Compatible mode" to switch on/off the function.

[2] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Import/export configuration
Export System Log
1
OK
Clear all data
Mo 01/02/21 09:25

Address of default guard unit: 1

Compatible mode: off

☑ Remote setting

8.5.13 Remote control setting

If the "Remote setting" is enabled (default), the IP touch can be set locally or set by the management software remotely.

If the "Remote setting" is disabled, this IP touch can only be set locally.

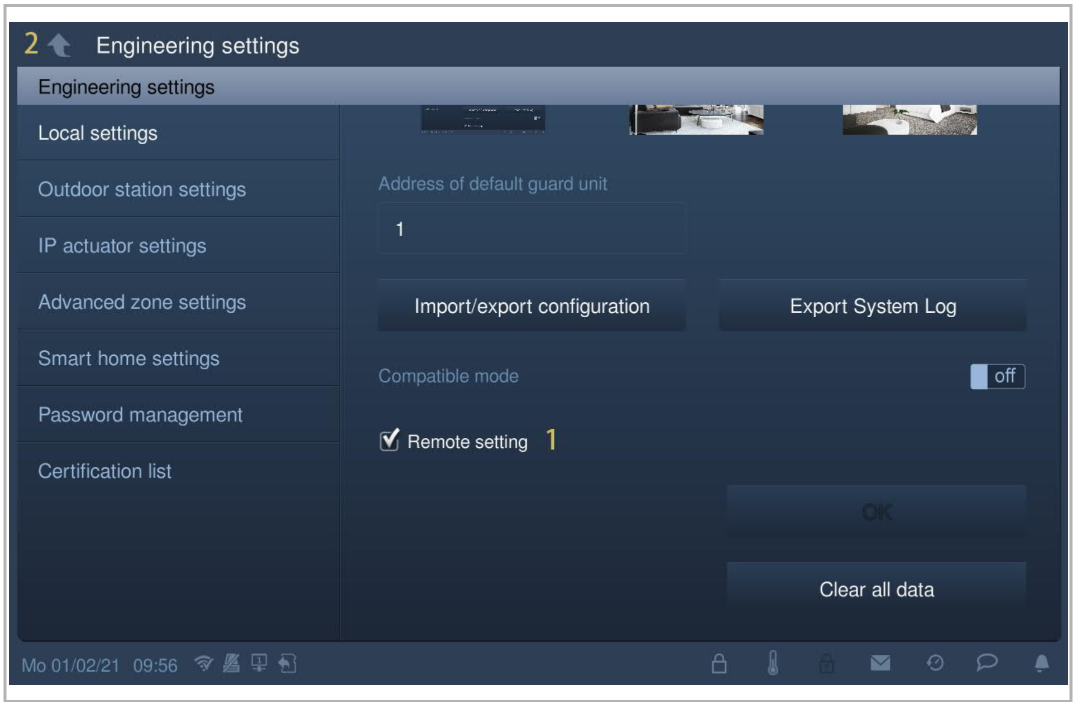
Please follow the steps:

[1] On the "Local settings" screen, tick/untick the checkbox "Remote setting" to enable/disable the function.

[2] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.

Note

This setting is only available on the indoor station which is set as "Master mode" or "Independent mode".



2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Import/export configuration
Export System Log
OK
Clear all data
Mo 01/02/21 09:56
1

Address of default guard unit: 1

Compatible mode: off

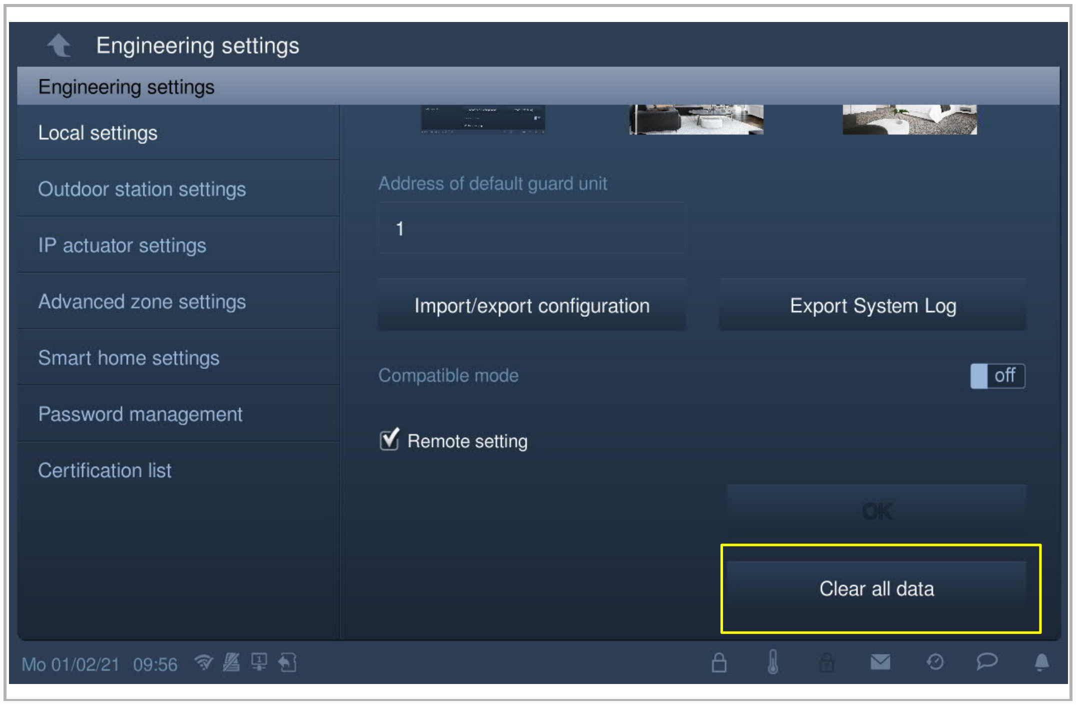
☑ Remote setting

8.5.14 Clearing all data

On the "Local settings" screen, tap "Clear all data" to reset all user settings and all engineering settings to the factory defaults.

Note

This function is only available within 120 s after the indoor station is powered on.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Import/export configuration
Export System Log
Compatible mode
off
OK
Clear all data
Mo 01/02/21 09:56

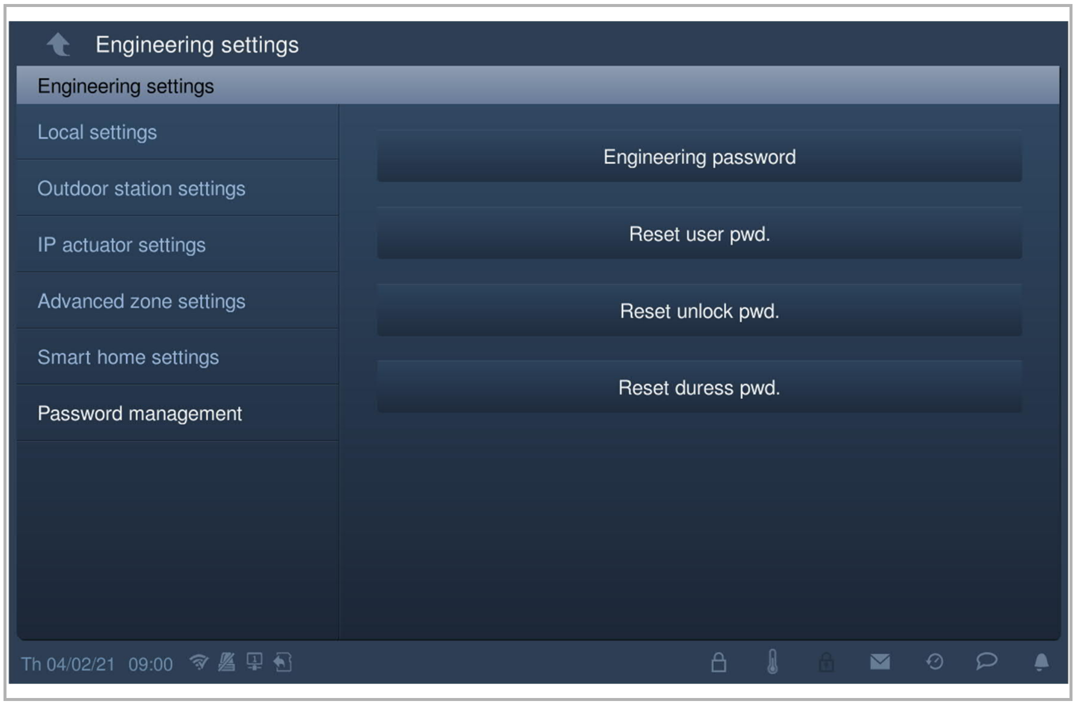
Address of default guard unit: 1

☑ Remote setting

8.5.15 Password management

On the "Engineering password" screen, tap "Password management" to access the corresponding screen.

- Tap "Engineering password" to change the password in the pop-up window.
- Tap "Reset user pwd." to reset the user password to the default value (123456).
- Tap "Reset unlock pwd." to reset the unlock password to the default value (null).
- Tap "Reset user pwd." to reset the duress password to the default value (654321).


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Engineering password
Reset user pwd.
Reset unlock pwd.
Reset duress pwd.
Th 04/02/21 09:00

Note

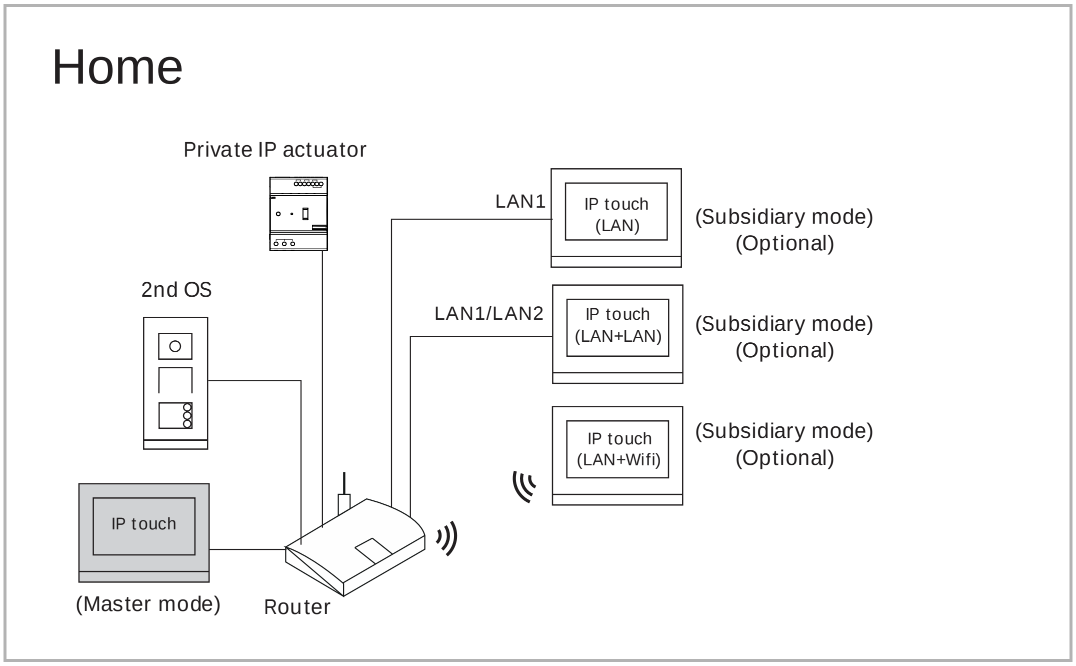
The engineering password must be changed when accessing the engineering settings for the first time. (The system default is 345678. This password is only to be used for initial setting work, and it should then be changed to another password. It cannot used as the actual password.)

8.5.16 Certification list

Precondition

This function applies to single-house application.

Master indoor station will create a certification and assign the certificates to other devices on the same home networks (e.g. 2nd outdoor station, private IP actuator and subsidiary indoor station). Only IP pushbutton outdoor station and mini OS can be supported in this case.


Home
Private IP actuator
LAN1
IP touch (LAN)
(Subsidiary mode) (Optional)
2nd OS
LAN1/LAN2
IP touch (LAN+LAN)
(Subsidiary mode) (Optional)
IP touch (LAN+Wifi)
(Subsidiary mode) (Optional)
IP touch
(Master mode)
Router

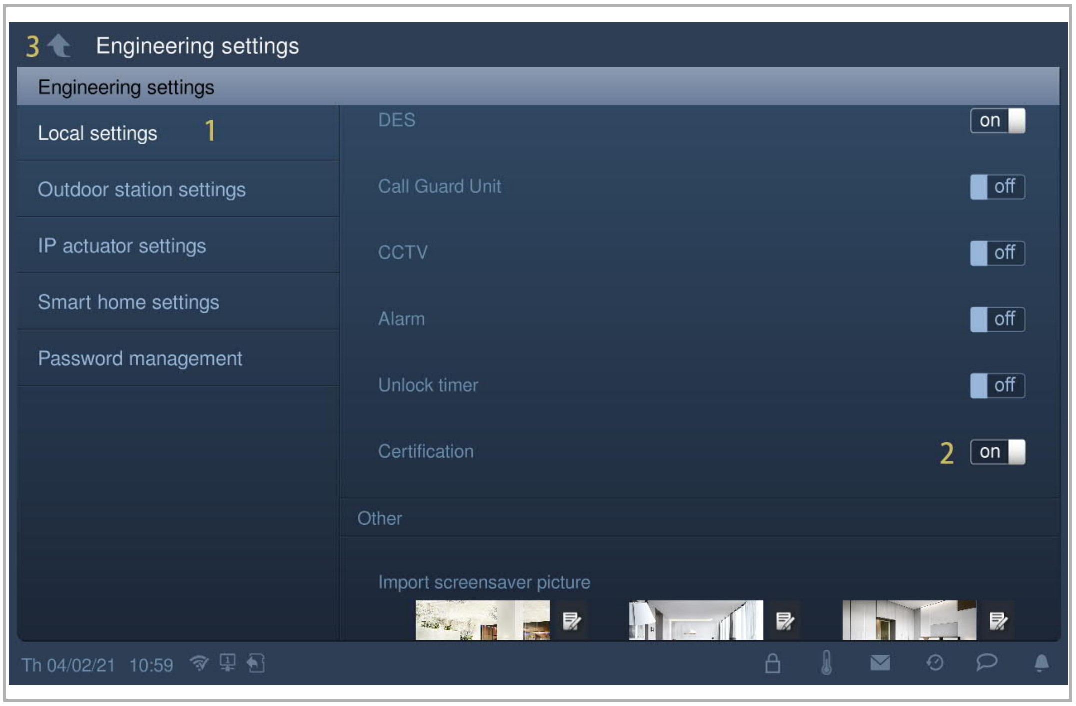
Master IP touch obtains the certificate

Please follow the steps below:

[1] On the "Engineering settings" screen of master IP touch, tap "Local settings".

[2] Tap the slider "Certification" to enable the function.

[3] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.

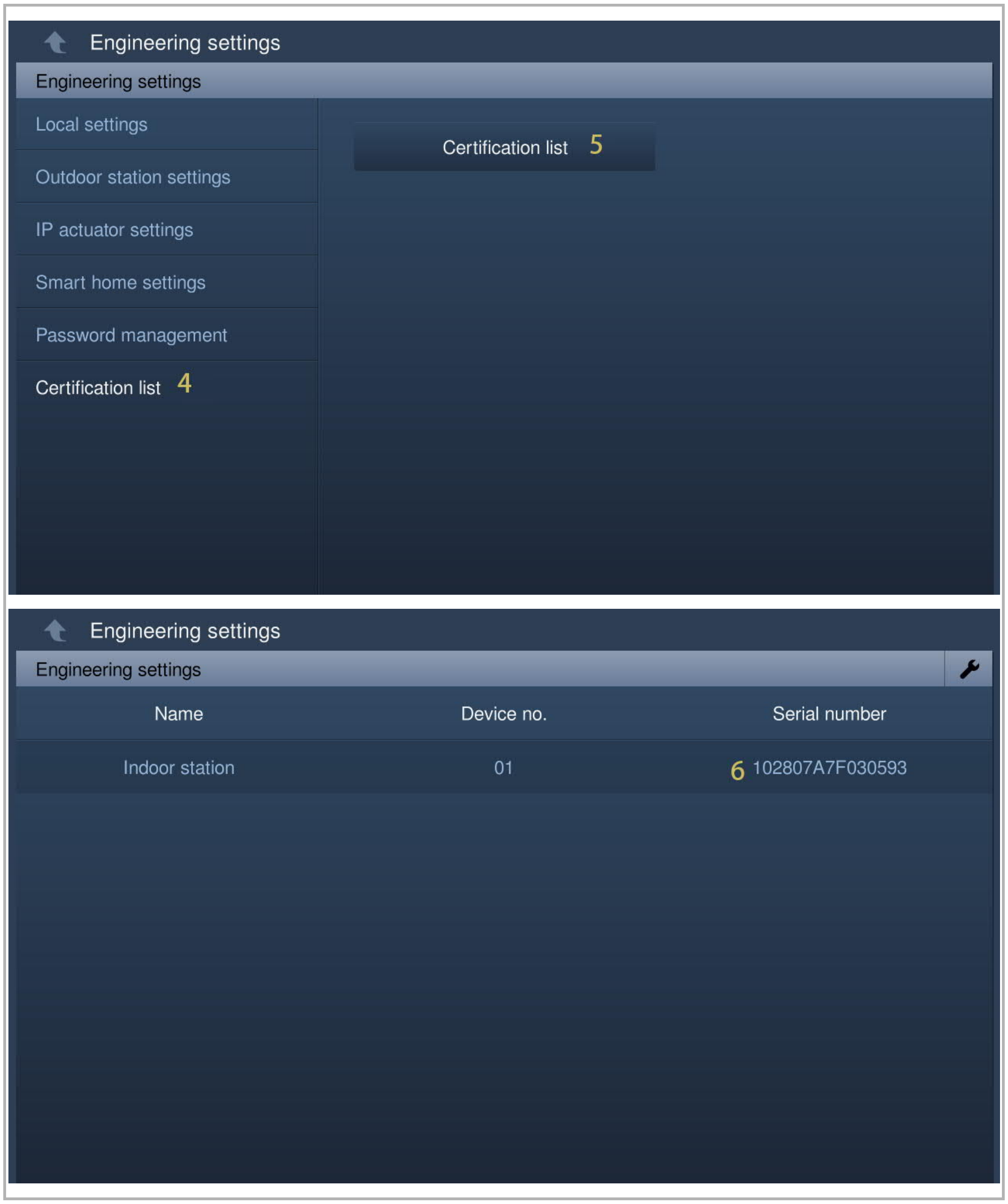


3
Engineering settings
Engineering settings
Local settings
1
Outdoor station settings
IP actuator settings
Smart home settings
Password management
DES
on
Call Guard Unit
off
CCTV
off
Alarm
off
Unlock timer
off
Certification
2
on
Other
Import screensaver picture
Th 04/02/21 10:59

[4] On the "Engineering settings" screen, tap "Certification list".

[5] Tap "Certification list".

[6] The devices got the certification are displayed on the screen.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Smart home settings
Password management
Certification list
4
Certification list
5
Engineering settings
Engineering settings
6

Name	Device no.	Serial number
Indoor station	01	102807A7F030593

Other devices obtain the certificates

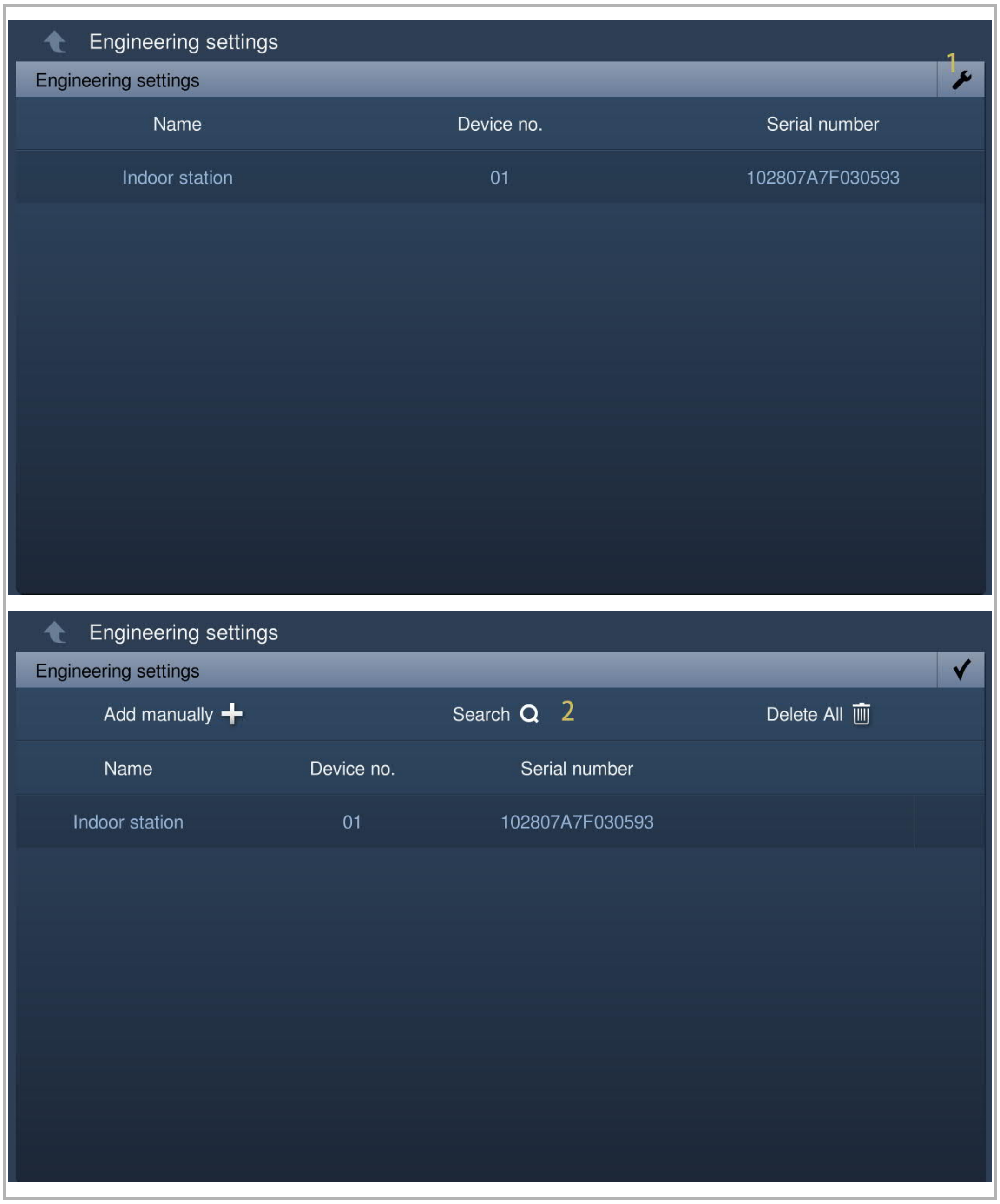
There are 2 options to add other devices.

1. Adding devices via search

Please follow the steps below:

[1] On the "Certification list" screen, tap " 🔧 ".

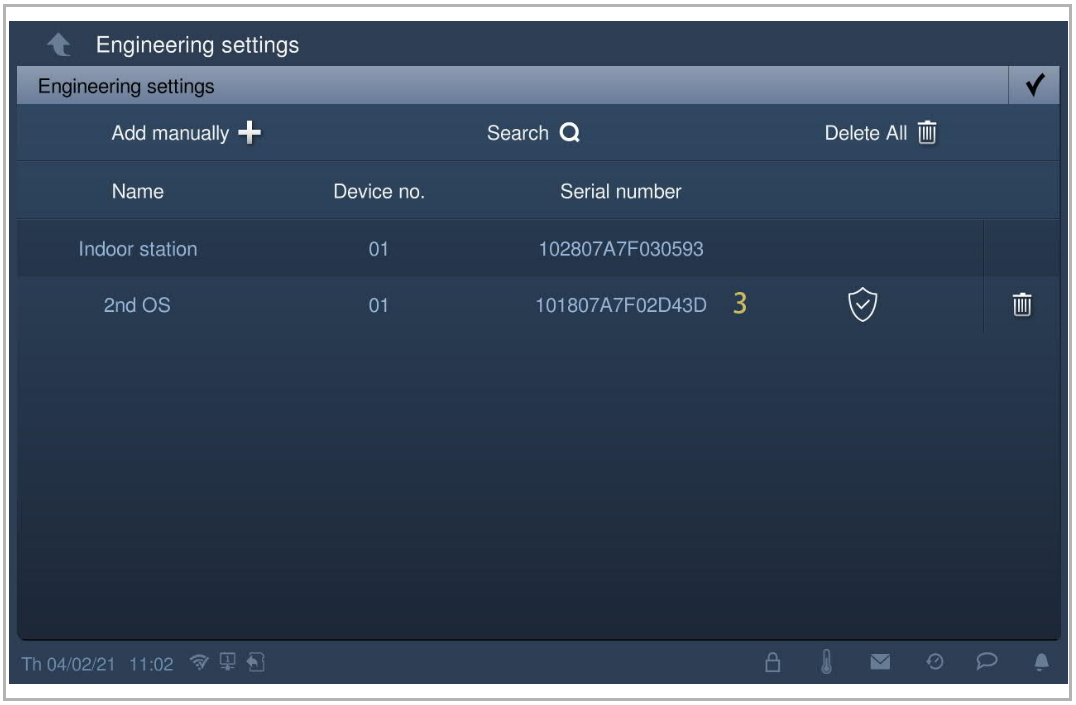
[2] Tap "Search".


Engineering settings
Engineering settings
1
Engineering settings
Engineering settings
Add manually
Search
2
Delete All

Name	Device no.	Serial number
Indoor station	01	102807A7F030593

Name	Device no.	Serial number
Indoor station	01	102807A7F030593

[3] The devices obtain the certificates, whichare displayed on the screen.



Engineering settings

Engineering settings

Add manually
Search
Delete All

Name	Device no.	Serial number
Indoor station	01	102807A7F030593
2nd OS	01	101807A7F02D43D

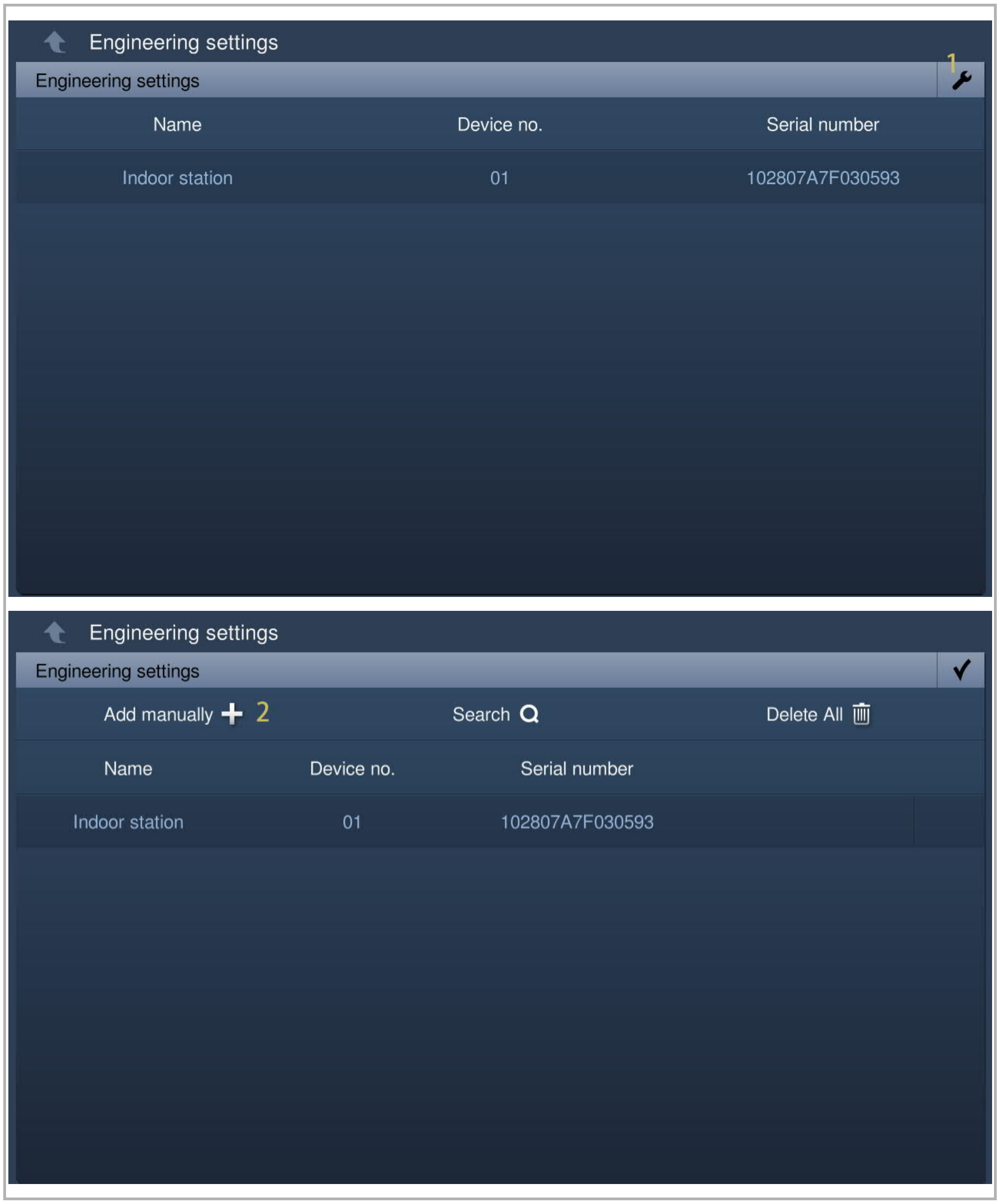
3
Th 04/02/21 11:02

2. Adding devices manually

Please follow the steps below:

[1] On the "Certification list" screen, tap " 🔧 ".

[2] Tap "Add manually".


Engineering settings
Engineering settings
1
Engineering settings
Engineering settings
✓
Add manually +
2
Search
Delete All

Name	Device no.	Serial number
Indoor station	01	102807A7F030593

Name	Device no.	Serial number
Indoor station	01	102807A7F030593

[3] Select the device type from the drop-down list. It can be set to "2nd OS", "Private IP actuator" or "Indoor station".

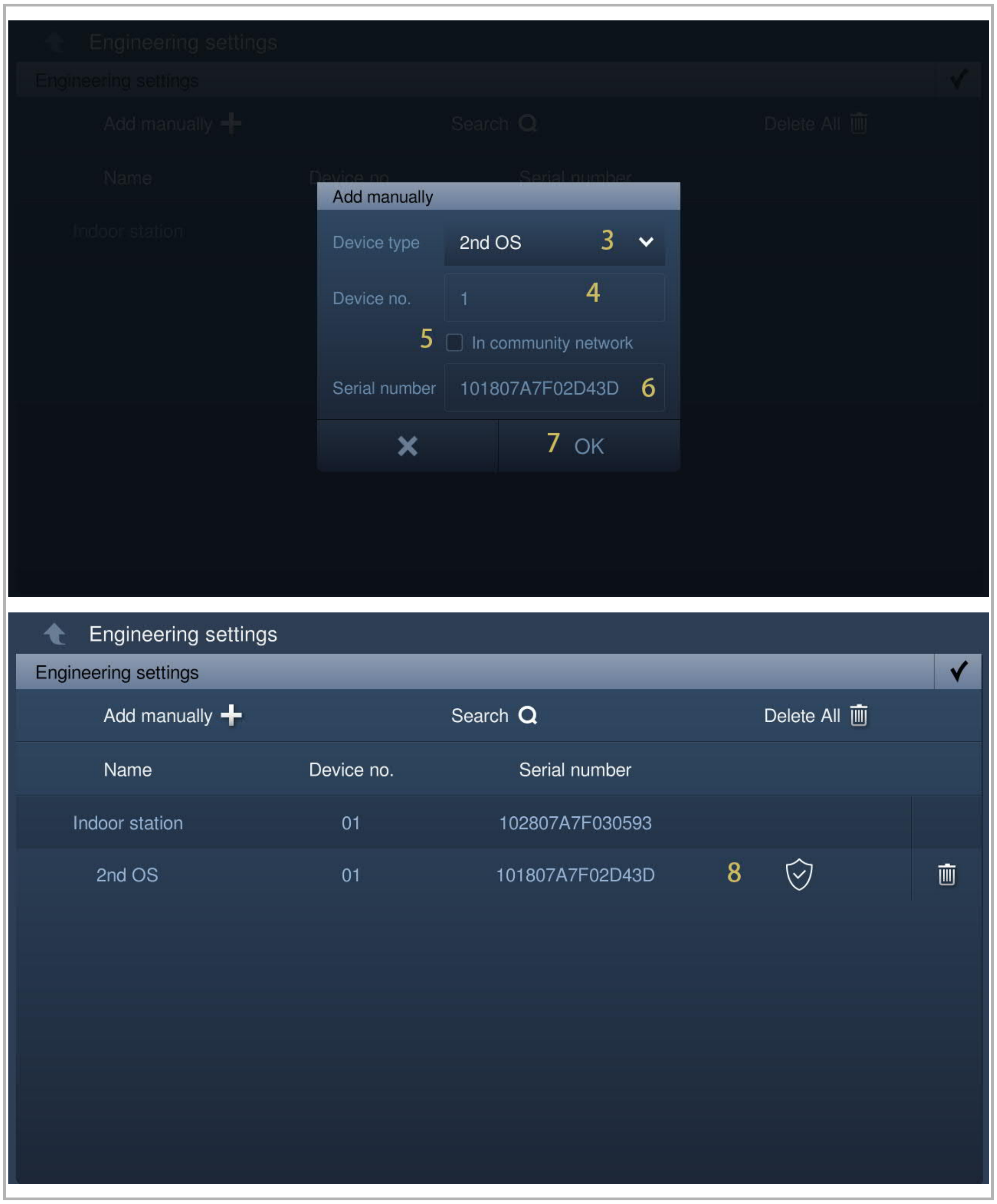
[4] Enter the device number.

[5] The function should be disabled if the device is connected to the router in the same apartment.

[6] Enter the serial number.

[7] Tap "OK".

[8] The device obtains the certificate, which is displayed on the screen.


Engineering settings
Engineering settings
Add manually
Search
Delete All
Name
Device no.
Serial number
Indoor station
Add manually
3
4
5
6
7
OK
Engineering settings
Engineering settings
Add manually
Search
Delete All
8

Add manually

Device type: 2nd OS

Device no.: 1

☐ In community network

Serial number: 101807A7F02D43D

Name	Device no.	Serial number
Indoor station	01	102807A7F030593
2nd OS	01	101807A7F02D43D

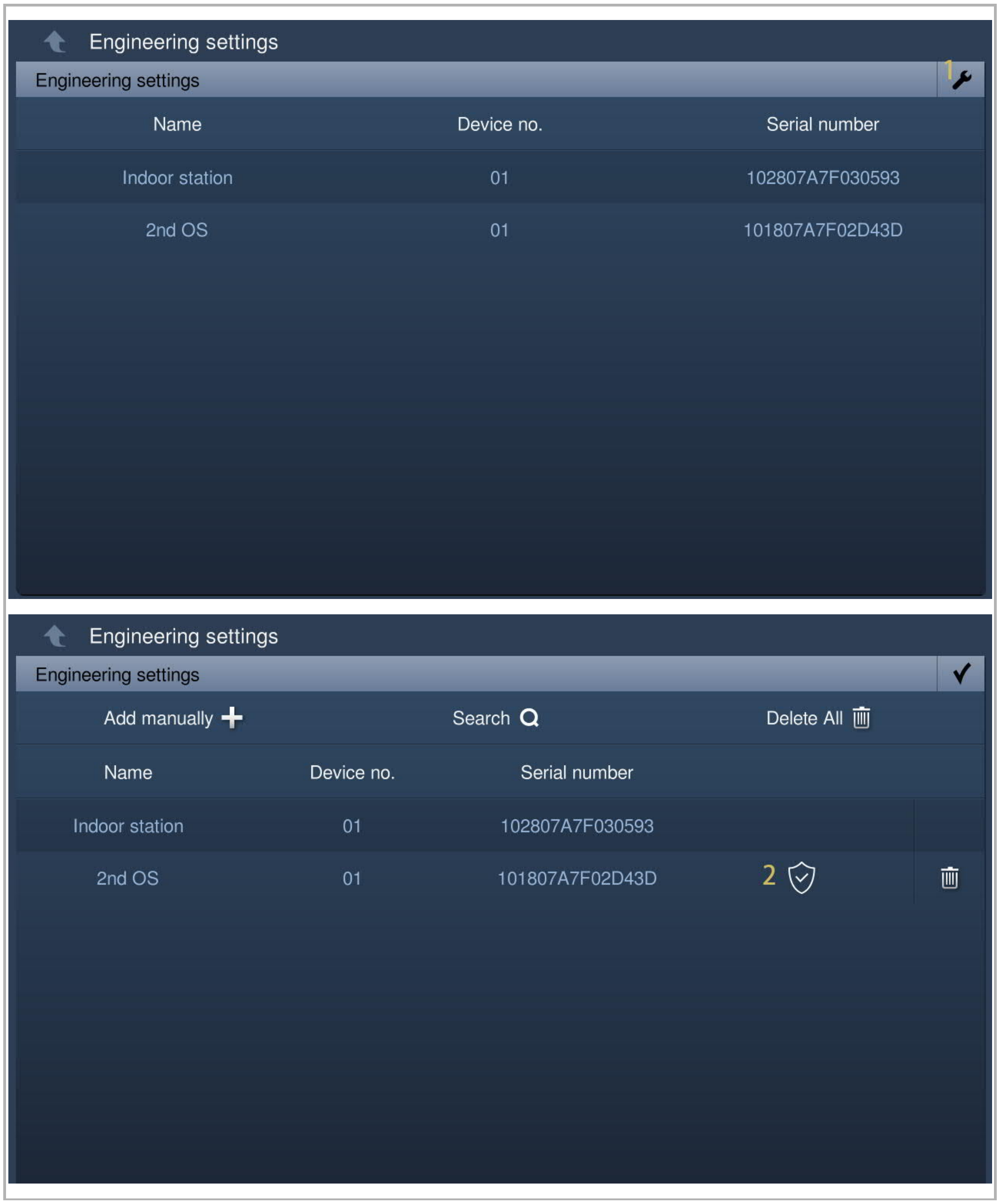
Trusting the device

The IP touch cannot release the lock on the outdoor station, or the IP actuator only obtains the certificate. The outdoor station or the IP actuator needs to set the trusted list at the same time.

The following operations are based on the outdoor station and the similar operations for the IP actuator.

[1] On the "Certificate list" screen, tap " 🔧 ".

[2] Tap " 🛡 ".

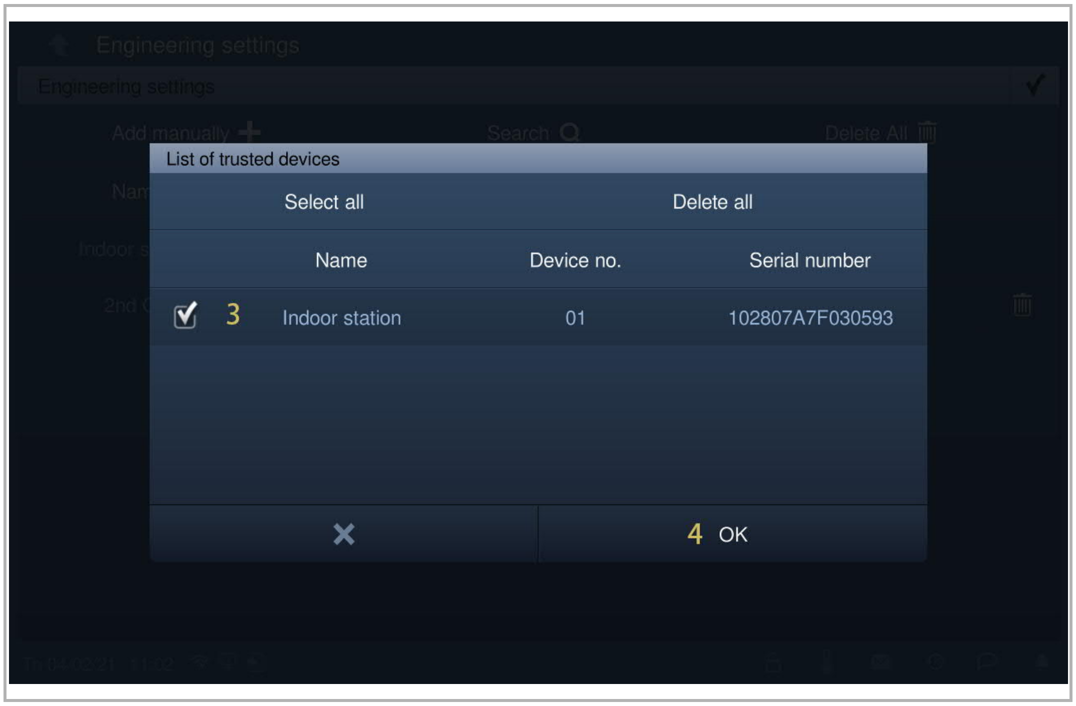

Engineering settings
Engineering settings
1
Engineering settings
Engineering settings
✓
Add manually +
Search
Delete All
2

Name	Device no.	Serial number
Indoor station	01	102807A7F030593
2nd OS	01	101807A7F02D43D

Name	Device no.	Serial number
Indoor station	01	102807A7F030593
2nd OS	01	101807A7F02D43D

[3] Select the check box to add the device to the trusted list on the outdoor station.

[4] Tap "OK" to save.


Engineering settings
List of trusted devices
Select all
Delete all
3
4
OK

	Name	Device no.	Serial number
☑	Indoor station	01	102807A7F030593

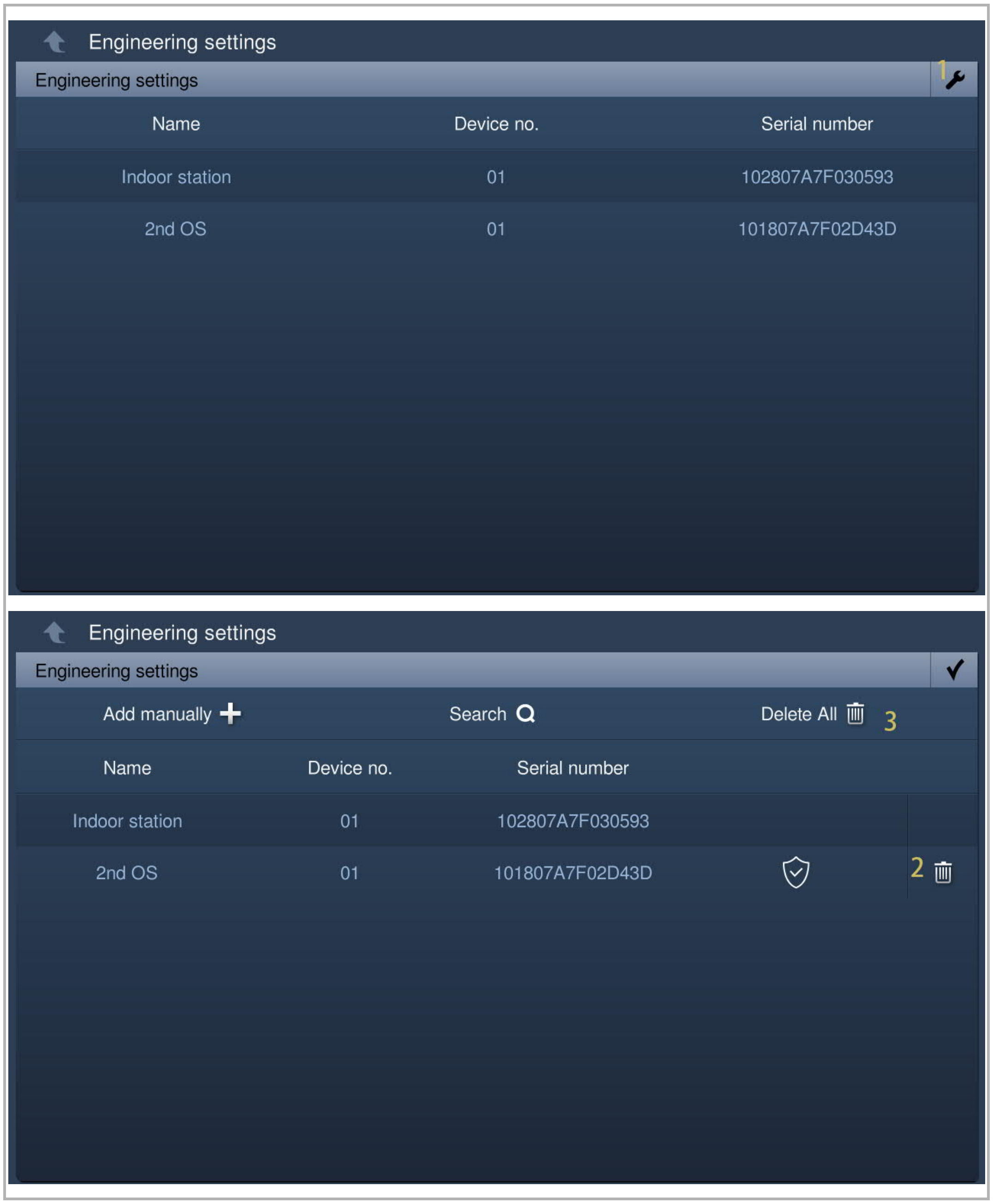
Removing the certificate of the device

Please follow the steps below:

[1] On the "Certificate list" screen, tap " 🔧 ".

[2] Tap " 🗑 " to remove the certificate of one device.

[3] Tap "Delete All 🗑 " to remove all the certificates on all devices except the master indoor station.


Engineering settings
Engineering settings
1
Engineering settings
Engineering settings
✓
Add manually +
Search
Delete All 🗑
3
2

Name	Device no.	Serial number
Indoor station	01	102807A7F030593
2nd OS	01	101807A7F02D43D

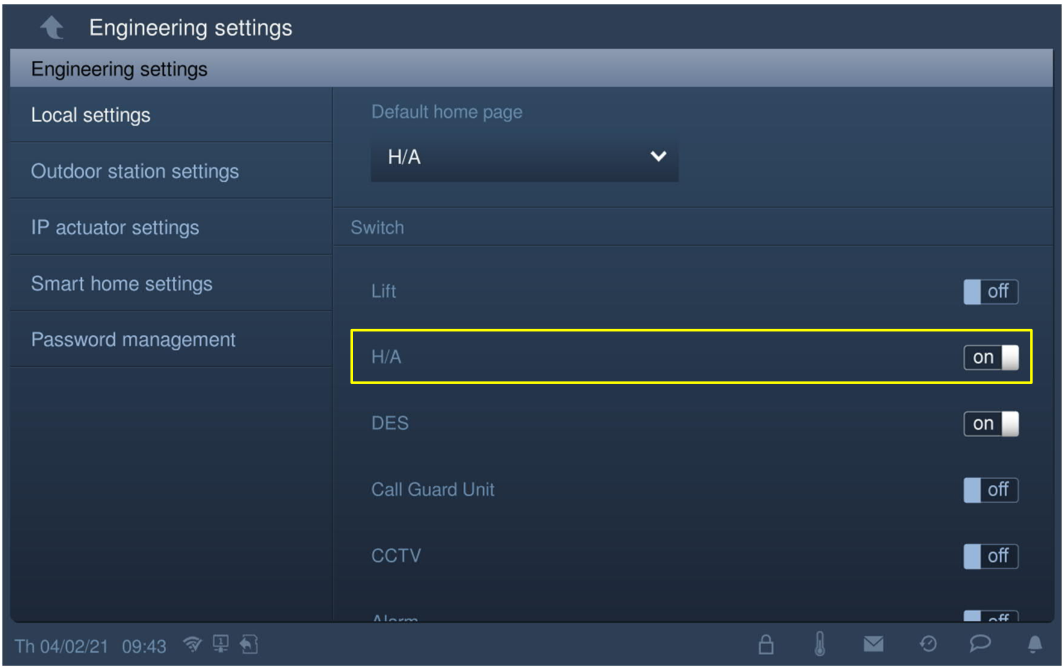
Name	Device no.	Serial number
Indoor station	01	102807A7F030593
2nd OS	01	101807A7F02D43D

8.6 KNX settings

8.6.1 Precondition

Please ensure the follow settings are carried out before use.

- On the "Engineering settings", "Local settings" screen, the "H/A" function is enabled.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Smart home settings
Password management
Th 04/02/21 09:43

Default home page: H/A

Switch

Lift: off

H/A: on

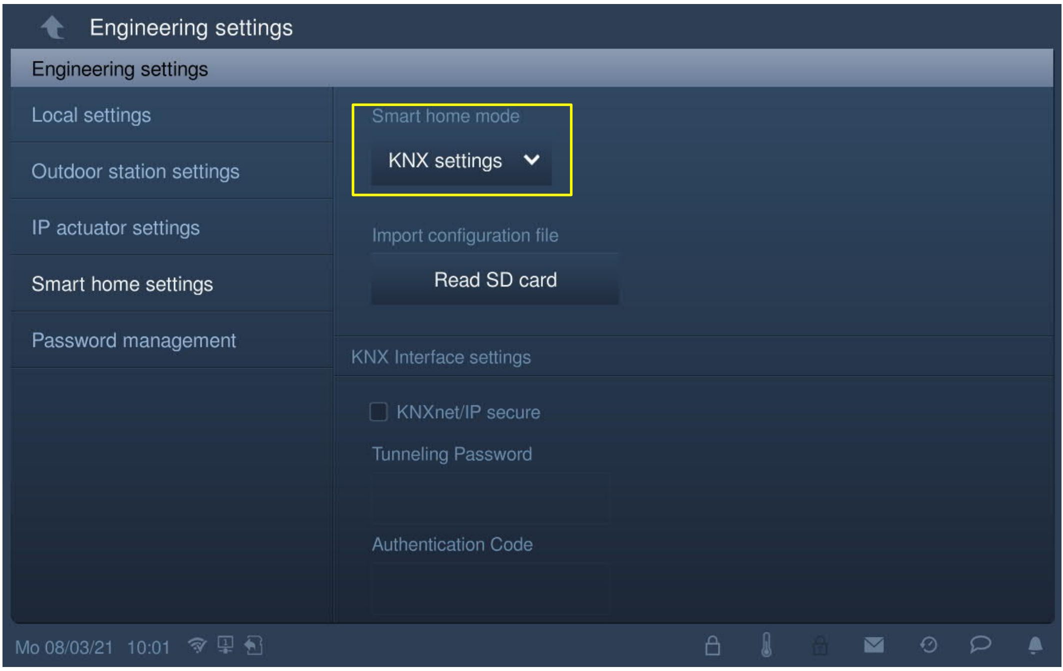
DES: on

Call Guard Unit: off

CCTV: off

Alarm: off

- On the "Engineering settings", "Smart home settings" screen, the smart home mode is set to "KNX settings".


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Smart home settings
Password management
Read SD card
Mo 08/03/21 10:01

Smart home mode: KNX settings

Import configuration file

KNX Interface settings

☐ KNXnet/IP secure

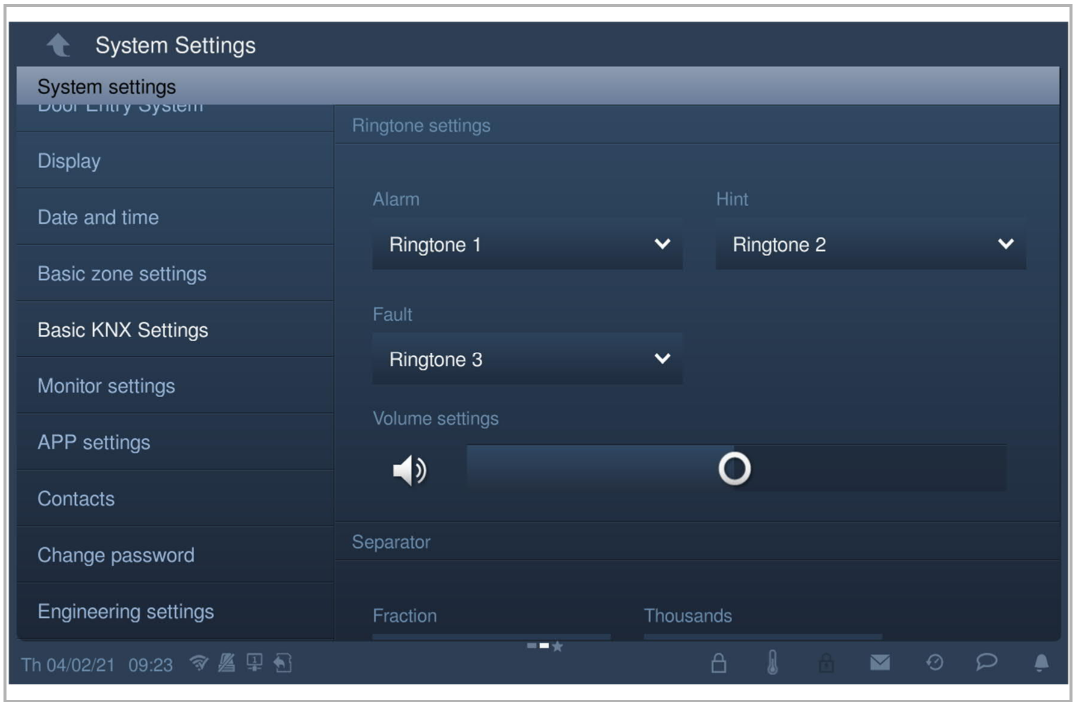
Tunneling Password

Authentication Code

8.6.2 Basic KNX settings

Access the "Basic KNX settings" screen

On the "System settings" screen, tap "Basic KNX settings" to access the corresponding screen.



System Settings
System settings
Door Entry System
Display
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Ringtone settings
Volume settings
Separator
Th 04/02/21 09:23

Alarm: Ringtone 1

Hint: Ringtone 2

Fault: Ringtone 3

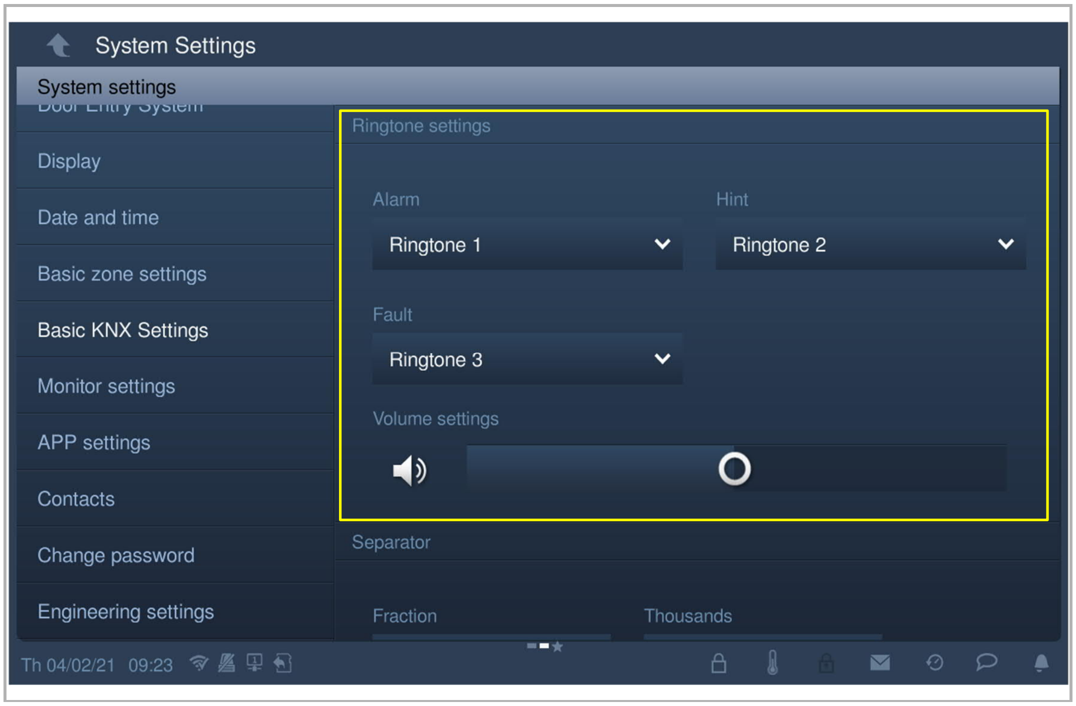
Fraction

Thousands

Ringtone setting

On the "Basic KNX settings" screen, you can set the ringtone for "Alarm", "Hint" and "Fault". A maximum of 5 built-in ringtones are supported and you can also select the ringtone from the SD card.

You can drag the slider to set the volume value.


System Settings
System settings
Door Entry System
Display
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Ringtone settings
Volume settings
Separator
Fraction
Thousands
Th 04/02/21 09:23

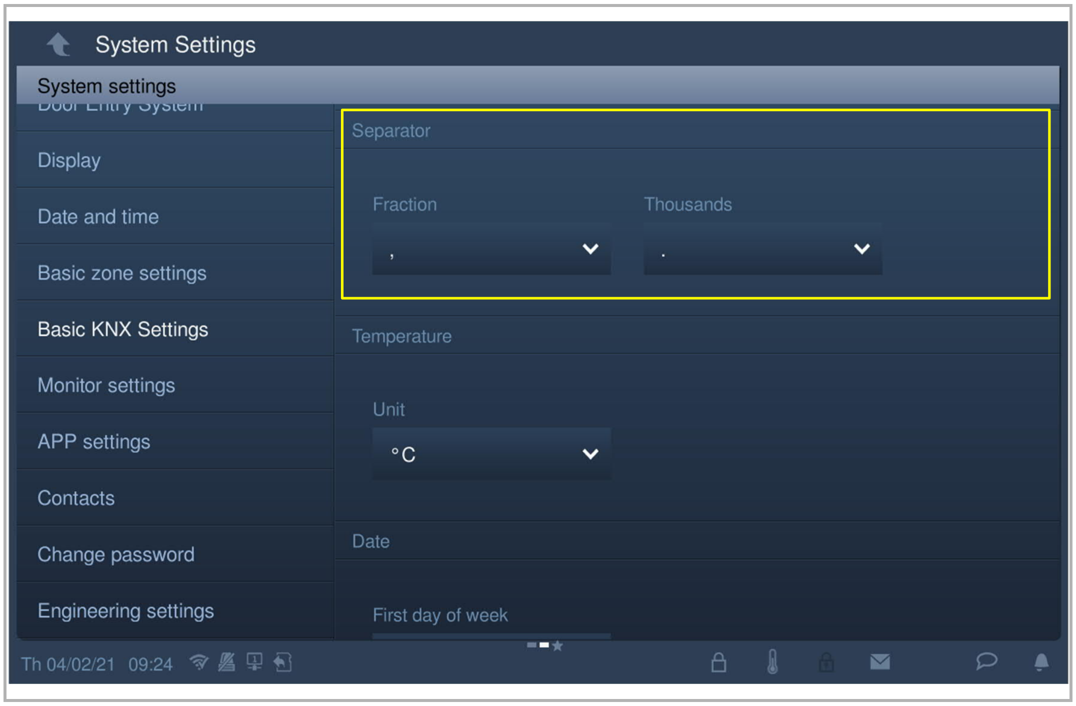
Alarm: Ringtone 1

Hint: Ringtone 2

Fault: Ringtone 3

Separator format setting

On the "Basic KNX settings" screen, you can set the separator format.


System Settings
System settings
Door Entry System
Display
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Th 04/02/21 09:24

Separator

Fraction: ,

Thousands: .

Temperature

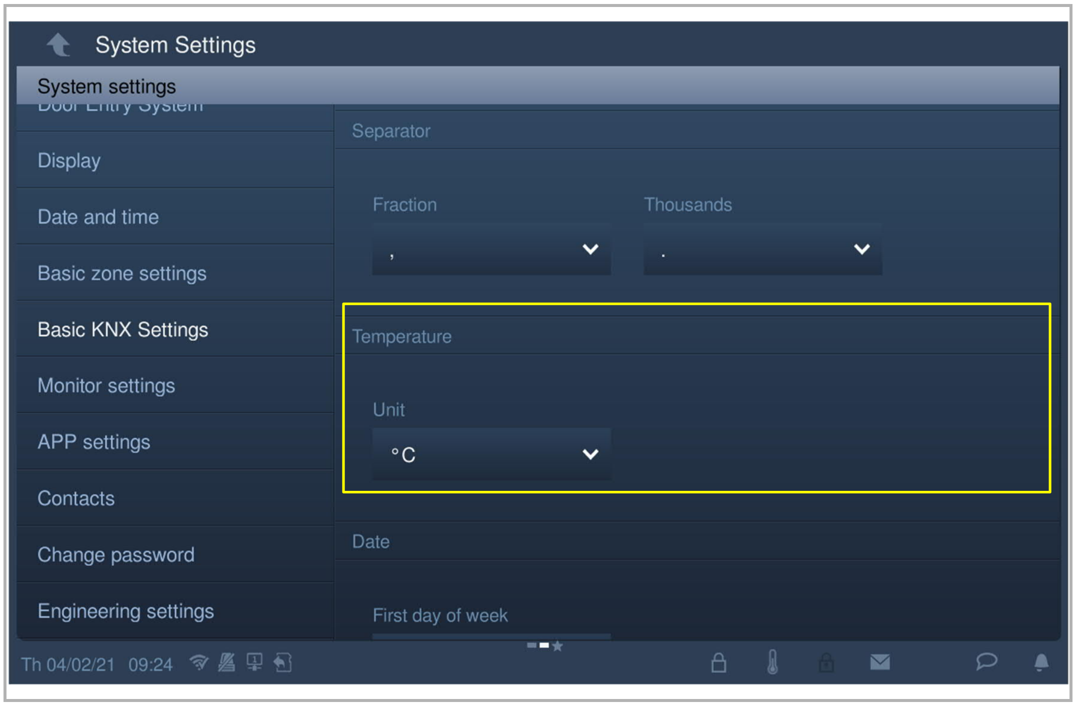
Unit: °C

Date

First day of week

Temperature unit setting

On the "Basic KNX settings" screen, you can set the temperature unit.


System Settings
System settings
Door Entry System
Display
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Th 04/02/21 09:24

Separator

Fraction: ,

Thousands: .

Temperature

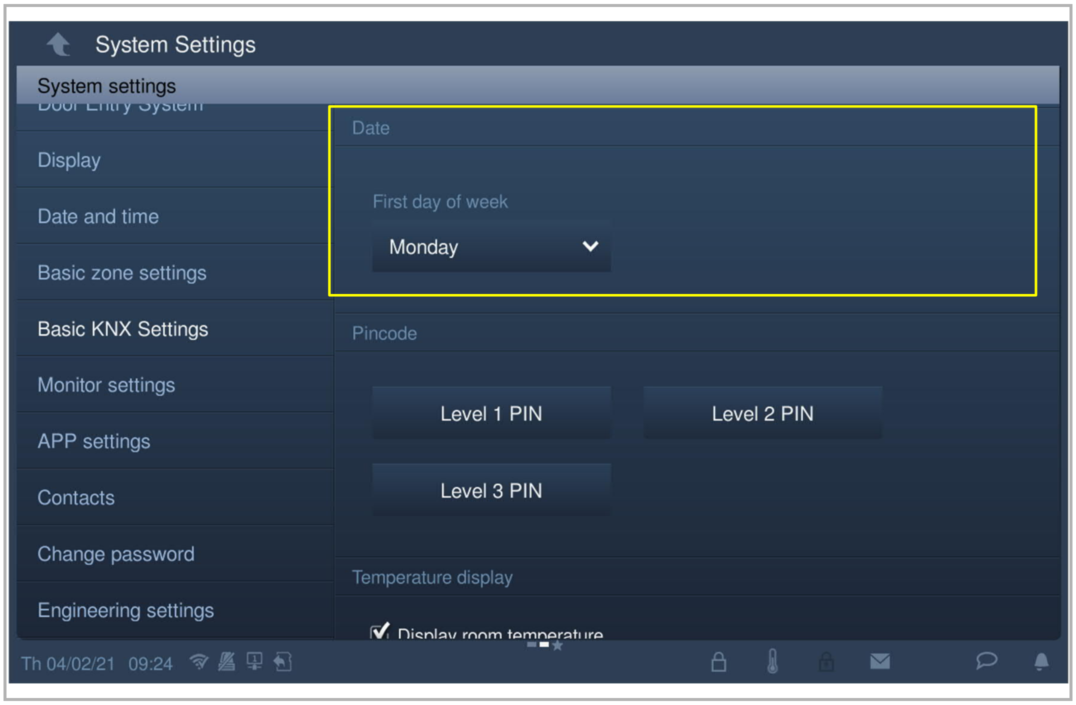
Unit: °C

Date

First day of week

First day of week setting

On the "Basic KNX settings" screen, you can set the first day of week. This setting will affect the KNX timer setting.



System Settings
System settings
Door Entry System
Display
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Date
Pincode
Level 1 PIN
Level 2 PIN
Level 3 PIN
Temperature display
Th 04/02/21 09:24

First day of week
Monday

☑ Display room temperature

Pincode setting

1. Setting the pincode

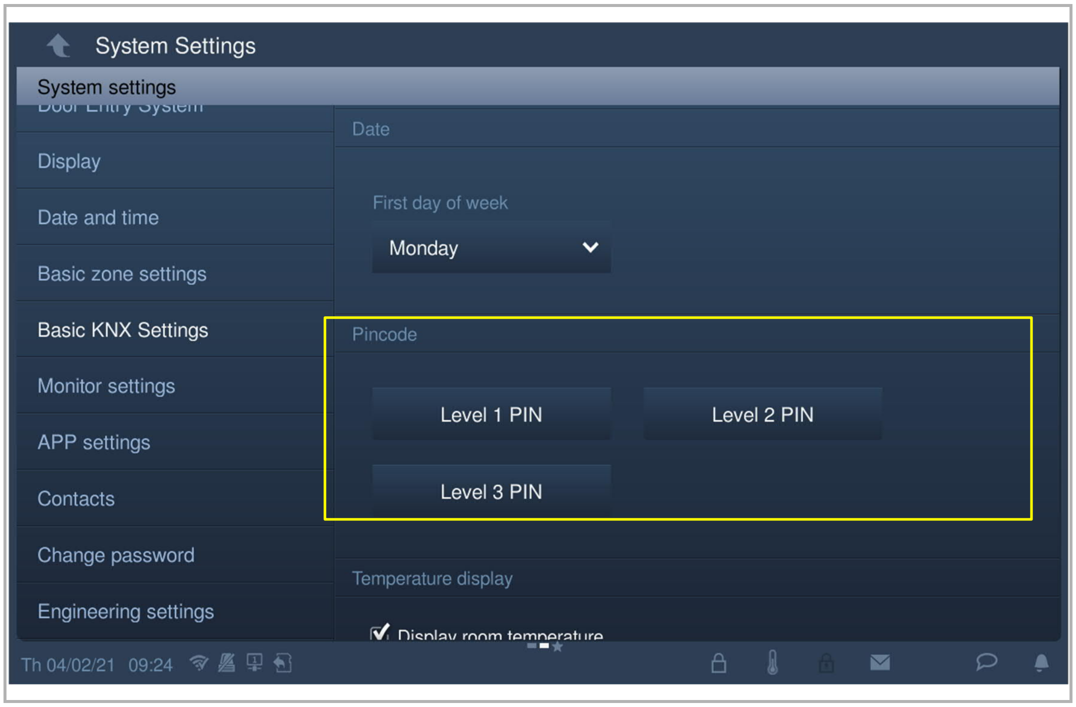
KNX pages, KNX timers and KNX alarms can be set a pincode to access. There are 3 levels of pincodes for selection. And the priority for these pincodes is "level 3" > "level 2" > "level 1".

On the "Basic KNX settings" screen, you can set the pincodes.

The system default pincode of "level 1" is "111111".

The system default pincode of "level 2" is "222222".

The system default pincode of "level 3" is "333333".



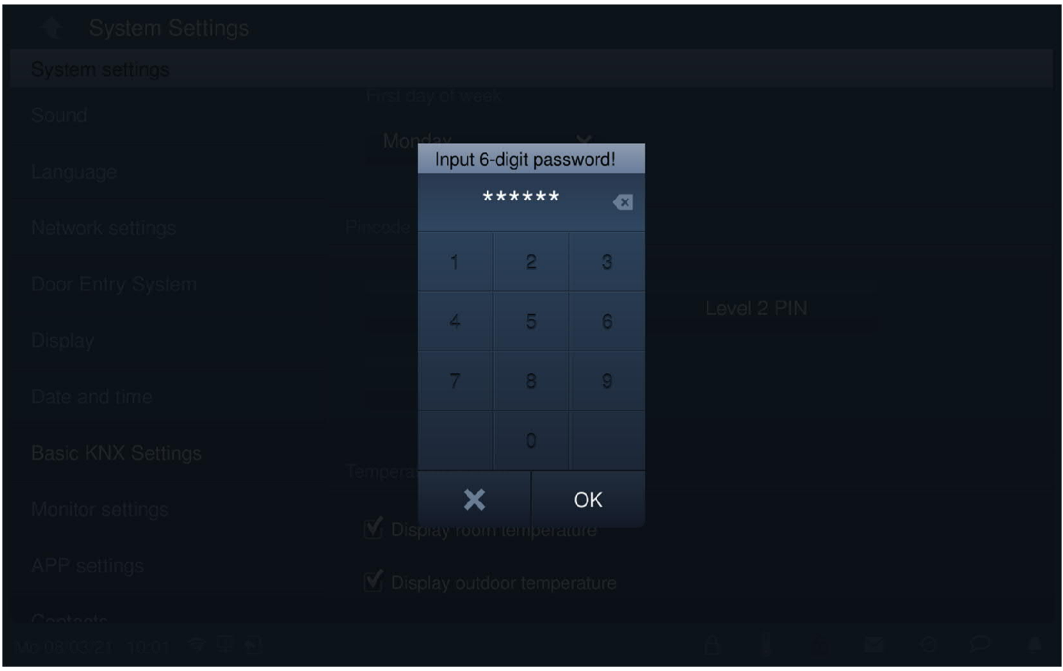
First day of week: Monday

☑ Display room temperature

System Settings
System settings
Door Entry System
Display
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Date
Pincode
Level 1 PIN
Level 2 PIN
Level 3 PIN
Temperature display
Th 04/02/21 09:24

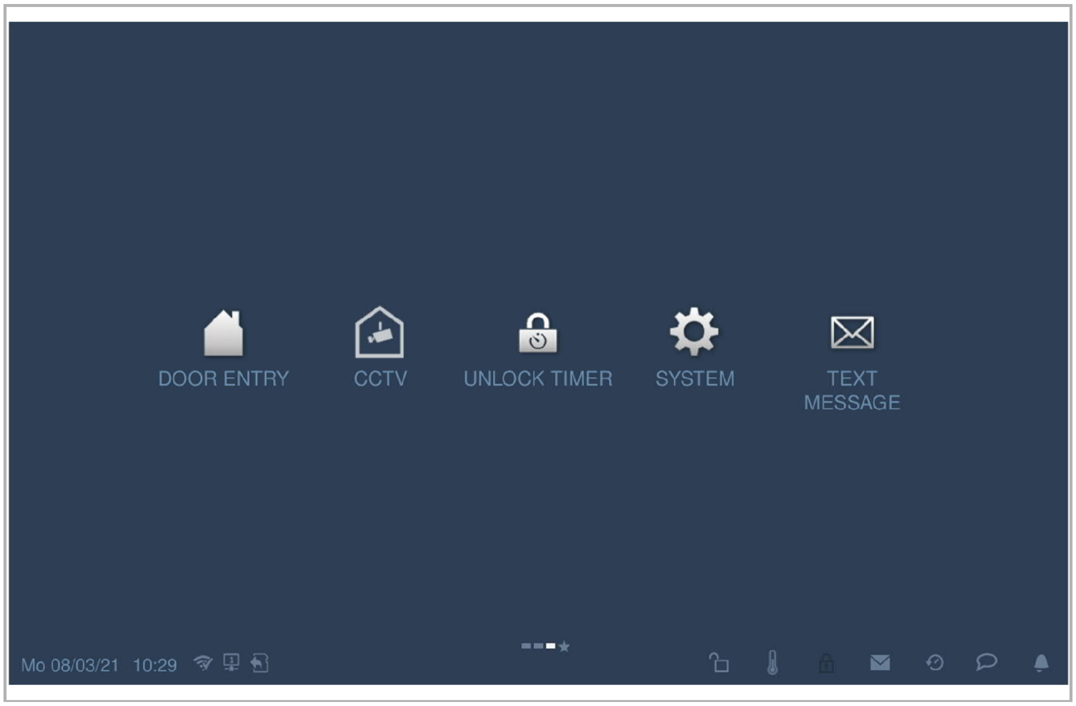
2. Entering the pincode

In standby status, tap " 🔒 " on the status bar and enter the pincode. After that, if this pincode has the same priority as the KNX pages or the higher priority than the KNX pages, you don't need to enter the pincode again.


System Settings
System settings
Sound
Language
Network settings
Door Entry System
Display
Date and time
Basic KNX Settings
Monitor settings
APP settings
Contacts
First day of week
Monday
Pincode
Level 2 PIN
Tempera
Display room temperature
Display outdoor temperature
Input 6-digit password!
******
1
2
3
4
5
6
7
8
9
0
OK

3. Logging out the pincode

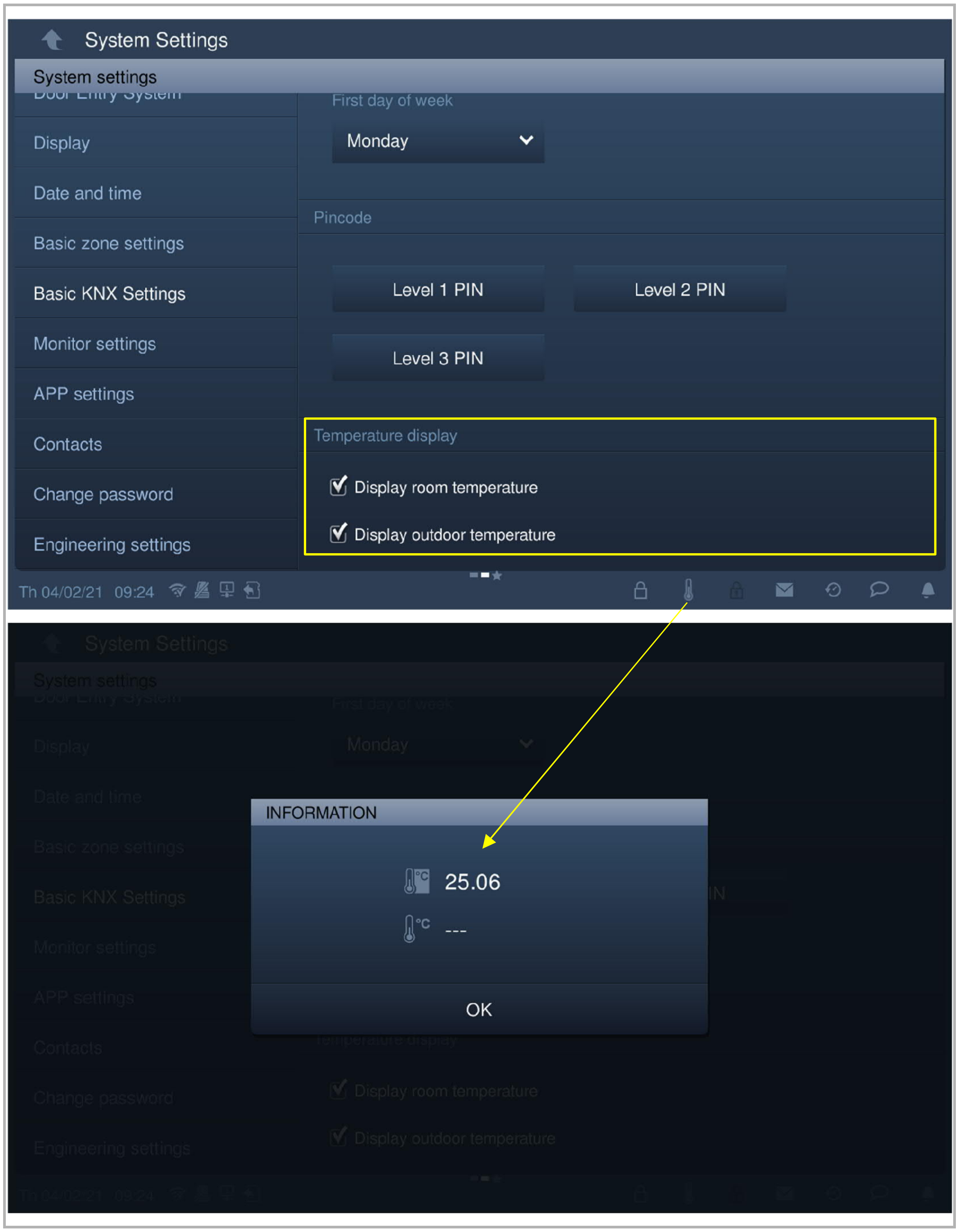
In standby status, tap " 🔓 " on the status bar and tap "OK" to log out the pincode.


DOOR ENTRY
CCTV
UNLOCK TIMER
SYSTEM
TEXT MESSAGE
Mo 08/03/21 10:29

Temperature display setting

On the "Basic KNX settings" screen, select the check box to display the temperature.

When you tap " 🌡 " on the status bar, the temperature value will be displayed in a pop-up window.


System Settings
System settings
Door Entry System
Display
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Level 1 PIN
Level 2 PIN
Level 3 PIN
Th 04/02/21 09:24
OK

First day of week
Monday

Pincode

Temperature display
☑ Display room temperature
☑ Display outdoor temperature

INFORMATION
°C 25.06
°C ---

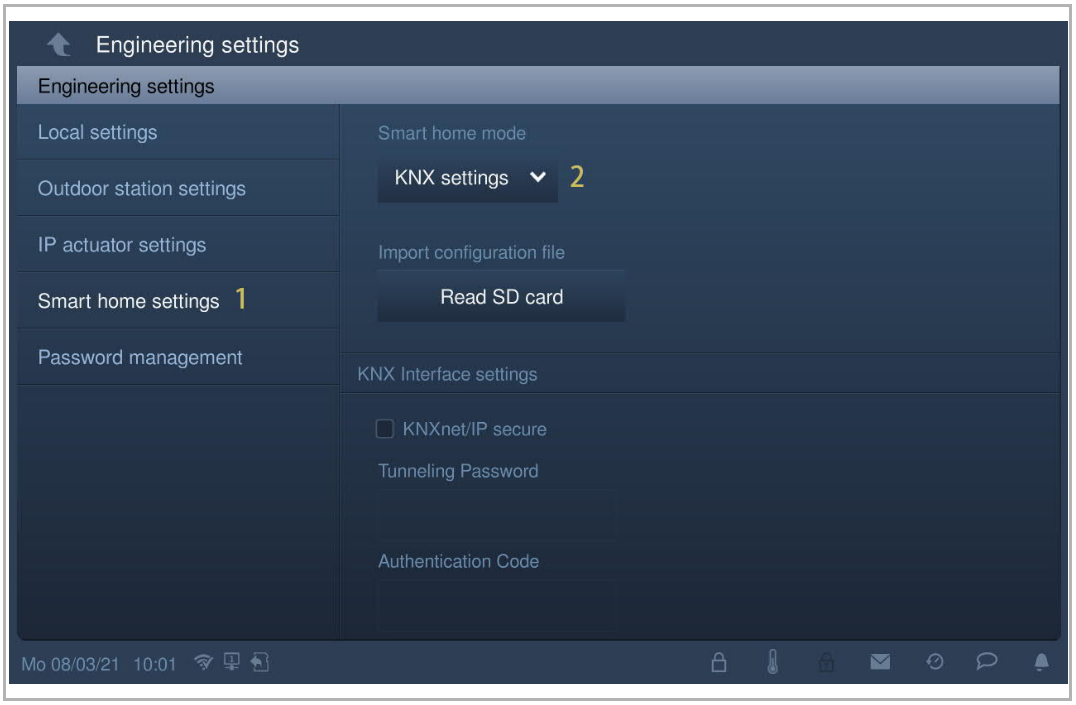
8.6.3 Advanced KNX settings

Access the "Advanced KNX settings" screen

Please follow the steps below:

[1] On the "Engineering settings" screen, tap "Smart home setting".

[2] Select "KNX settings" from the drop-down list to access the corresponding screen.



Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Smart home settings
1
Password management
Smart home mode
KNX settings
2
Import configuration file
Read SD card
KNX Interface settings
☐ KNXnet/IP secure
Tunneling Password
Authentication Code
Mo 08/03/21 10:01

Importing the configuration file

Please follow the steps below:

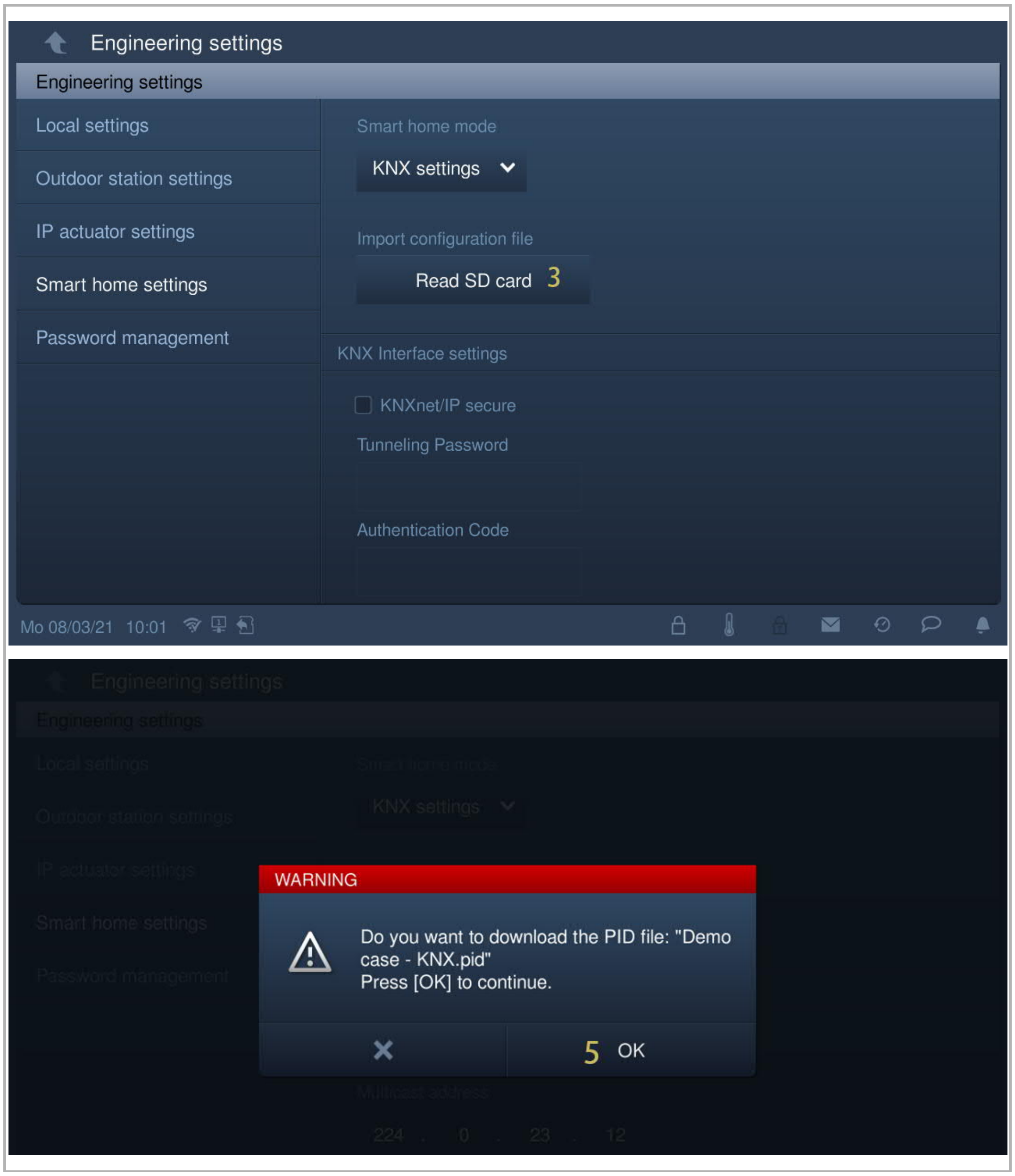
[1] Copy the configuration file (.pid) to an SD card.

[2] Insert the SD card to IP touch.

[3] On the "Engineering settings", "Smart home settings" screen, tap "Read SD card".

[4] Select the configuration file from the SD card.

[5] Tap "OK".


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Smart home settings
Password management
KNX Interface settings
☐ KNXnet/IP secure
Tunneling Password
Authentication Code
Mo 08/03/21 10:01
WARNING
✕
OK

Smart home mode: KNX settings

Import configuration file: Read SD card 3

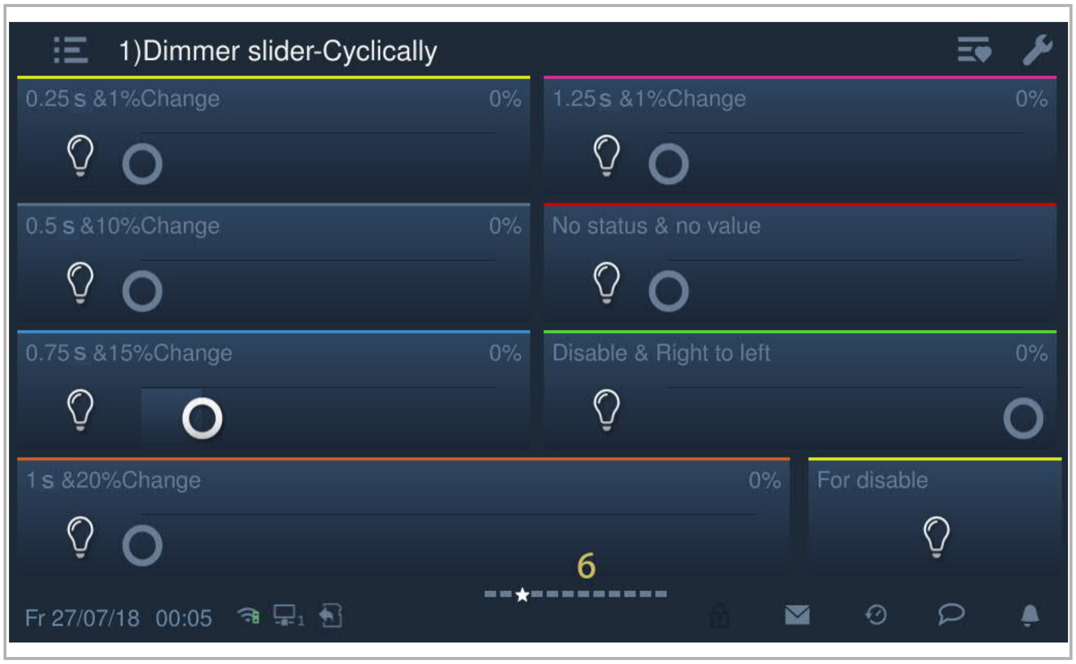
Do you want to download the PID file: "Demo case - KNX.pid"
Press [OK] to continue.

5 OK

[6] On the home screen, KNX pages will be displayed on the screen.

IP touch 7 supports a maximum of 8 KNX pages and a maximum of 64 KNX icons.

IP touch 10 supports a maximum of 8 KNX pages and a maximum of 100 KNX icons.


1)Dimmer slider-Cyclically
0.25 s &1%Change
0%
1.25 s &1%Change
0%
0.5 s &10%Change
0%
No status & no value
0.75 s &15%Change
0%
Disable & Right to left
0%
1 s &20%Change
0%
For disable
6
Fr 27/07/18 00:05

KNX interface setting

Please follow the steps below:

[1] Tick/untick the check box to enable/disable the function.

- This function must be enabled if an IPS with encryption function is used.
- This function must be disabled if an IPS without encryption function is used. Then step 2 and step 3 can be skipped.

[2] If the KNXnet/IP secure function is enabled, you need to enter the tunneling password.

[3] Enter the authentication code (optional).

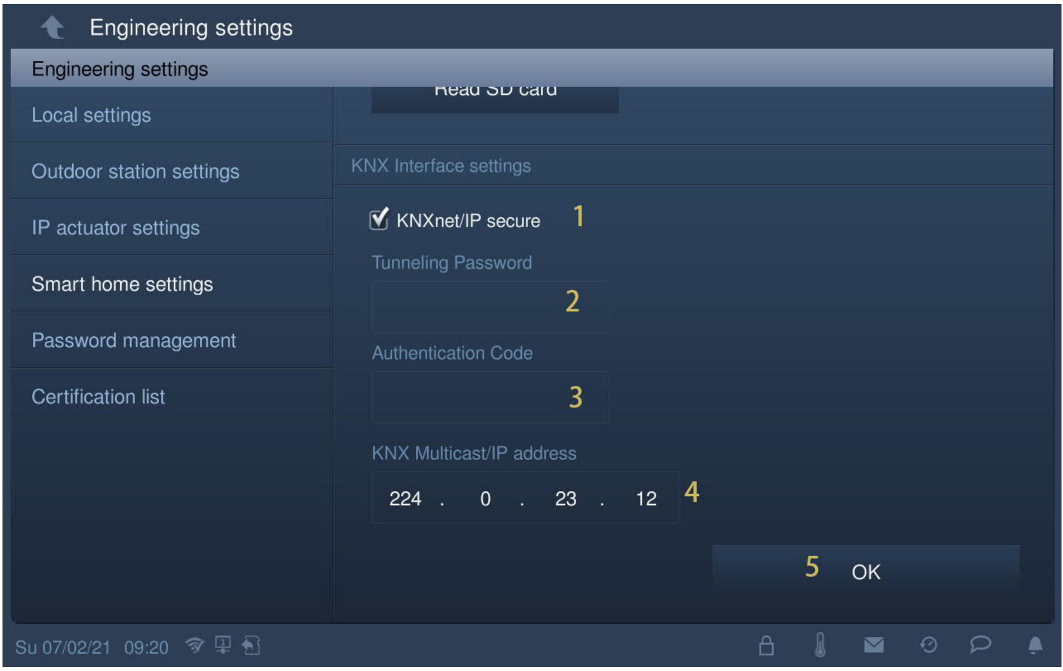
[4] To use the KNX IP interface, the network settings must be changed. To do this, enter the IP address of the KNX IP interface in the IP touch.

  - KNX IP interfaces should always have a fixed IP address. This can either be a static address or a fixed DHCP address.
  - The IP touch used must be in the same IP address range as the KNX IP interface.

Note

When using a router or level 3 switch, no separate port release is required. If VLAN is used on a router or level 3 switch, please ensure that IP touch and IPS/S are in a common VLAN.

[5] Tap "OK".


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Smart home settings
Password management
Certification list
KNX Interface settings
Tunneling Password
2
Authentication Code
3
5
OK
Su 07/02/21 09:20

☑ KNXnet/IP secure 1

KNX Multicast/IP address: 224 . 0 . 23 . 12 4

Commissioning of the KNX function via DCA (from ETS5)

Please see the ETS5 product manual.

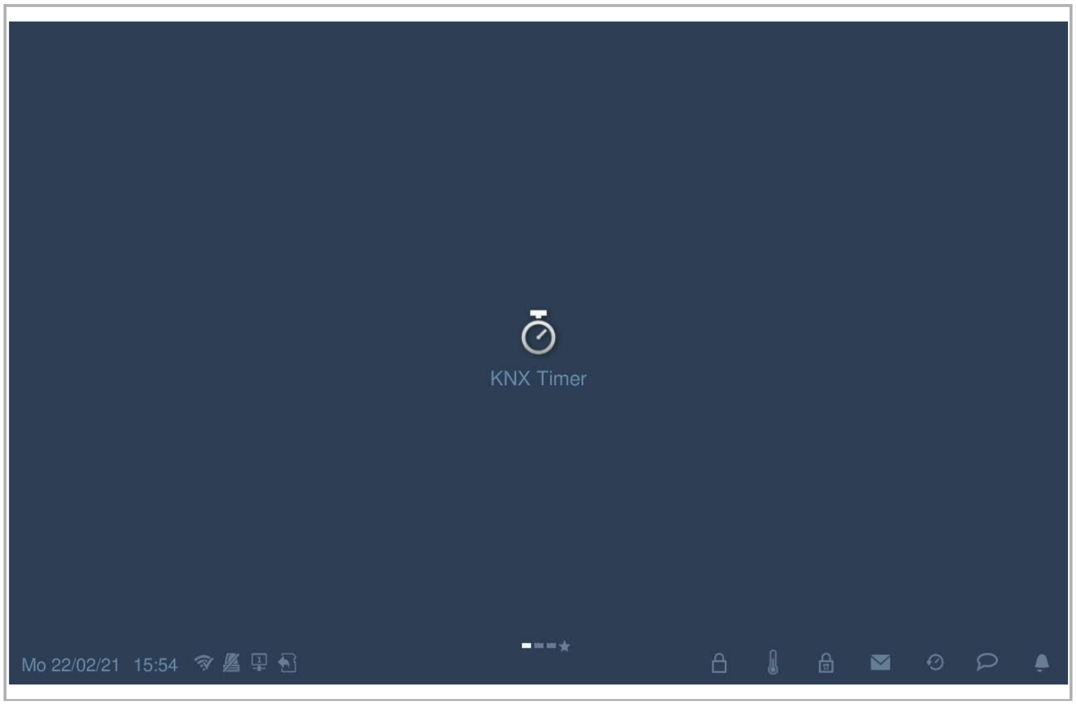
https://search.abb.com/library/Download.aspx?DocumentID=2CKA001473B5022&LanguageCode=en&DocumentPartId=&Action=Launch

8.6.4 KNX timer

You can use the "KNX timer" function to control the KNX devices automatically during the designated period.

Access the "KNX timer" screen

On the extra screen, tap "KNX timer" to access the corresponding screen.

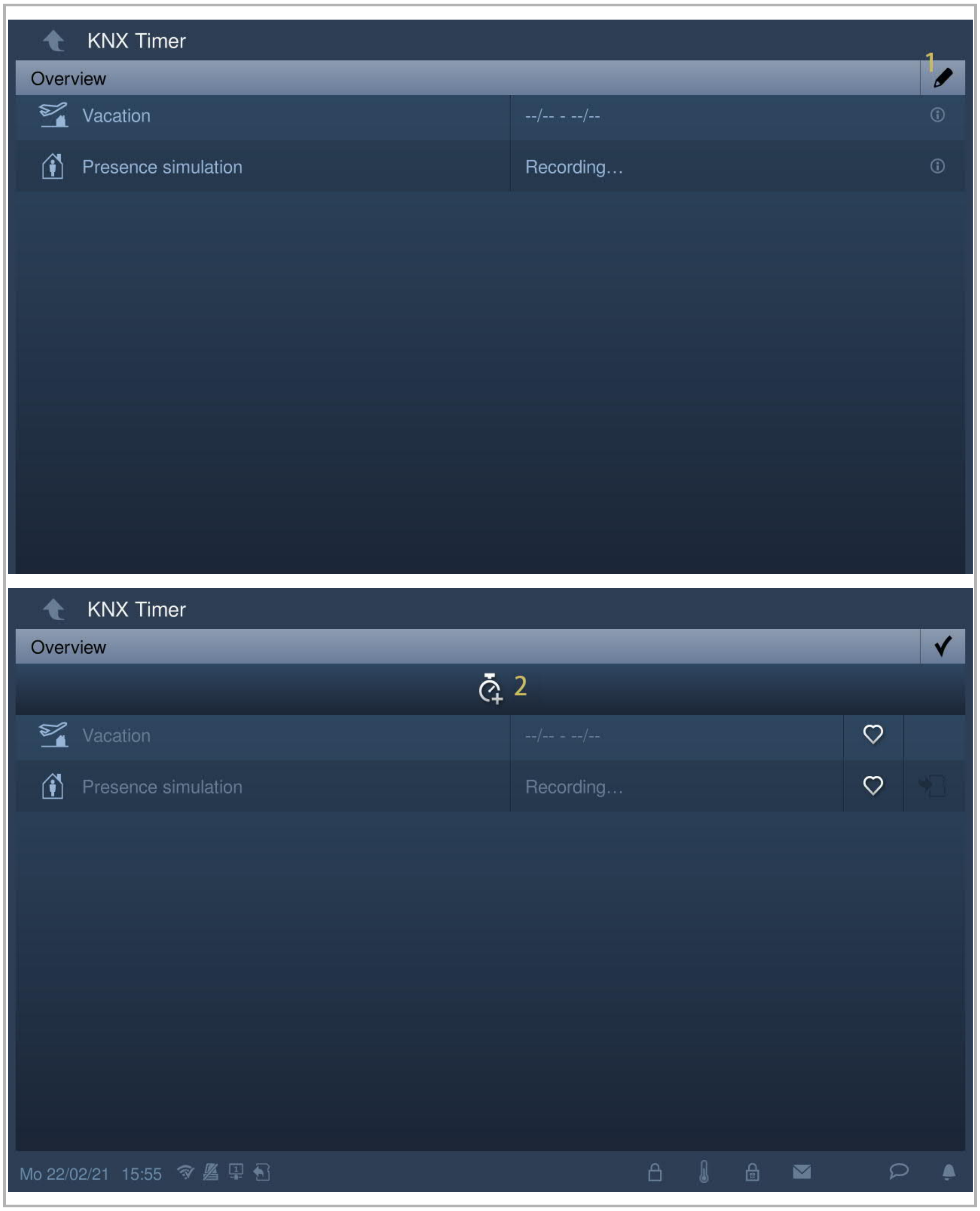


Adding a KNX timer

Please follow the steps below:

[1] On the "KNX timer" screen, tap " ✎ ".

[2] Tap " ⏱ ".


KNX Timer
Overview
1
Vacation
--/-- - --/--
Presence simulation
Recording…
KNX Timer
Overview
2
Vacation
--/-- - --/--
Presence simulation
Recording…
Mo 22/02/21 15:55

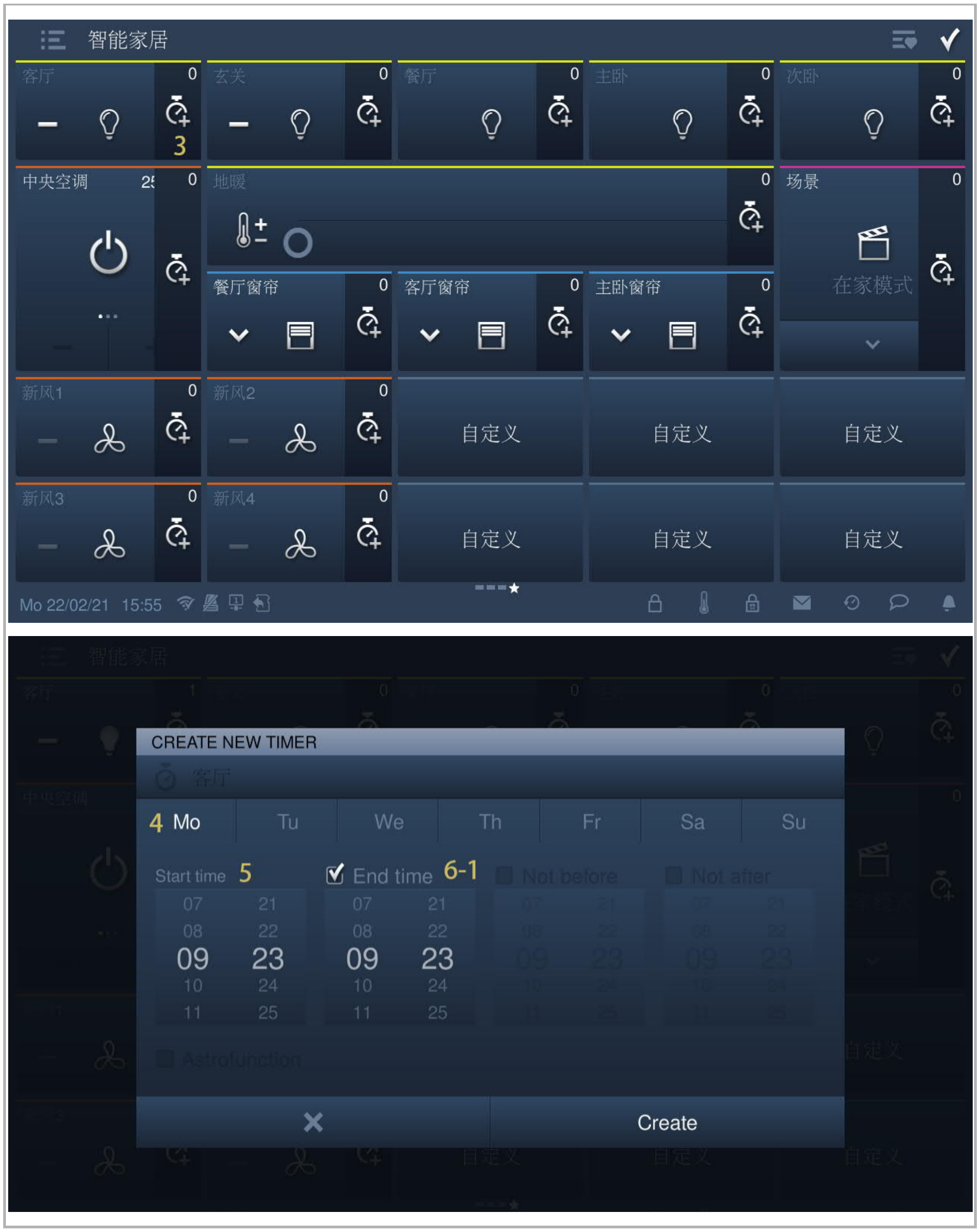
[3] On the "Smart home" screen, on the designated KNX icon, tap " ⏱ ".

[4] Select the days of the week, with the selected options shown with highlighting.

[5] Set the start time.

[6] Set the end time.

- Select the check box "End time" and enter the time.


智能家居
客厅
0
3
玄关
餐厅
主卧
次卧
中央空调
25
地暖
场景
在家模式
餐厅窗帘
客厅窗帘
主卧窗帘
新风1
新风2
新风3
新风4
自定义
自定义
自定义
自定义
自定义
自定义
Mo 22/02/21 15:55
CREATE NEW TIMER
客厅
4
Mo
Tu
We
Th
Fr
Sa
Su
Start time
5
☑ End time
6-1
☐ Not before
☐ Not after
07 21
08 22
09 23
10 24
11 25
☐ Astrofunction
✕
Create

- Select the check box "Astrofunciton", set "Not before" time and "Not after" according to the actual situation.

[7] Tap "Create".

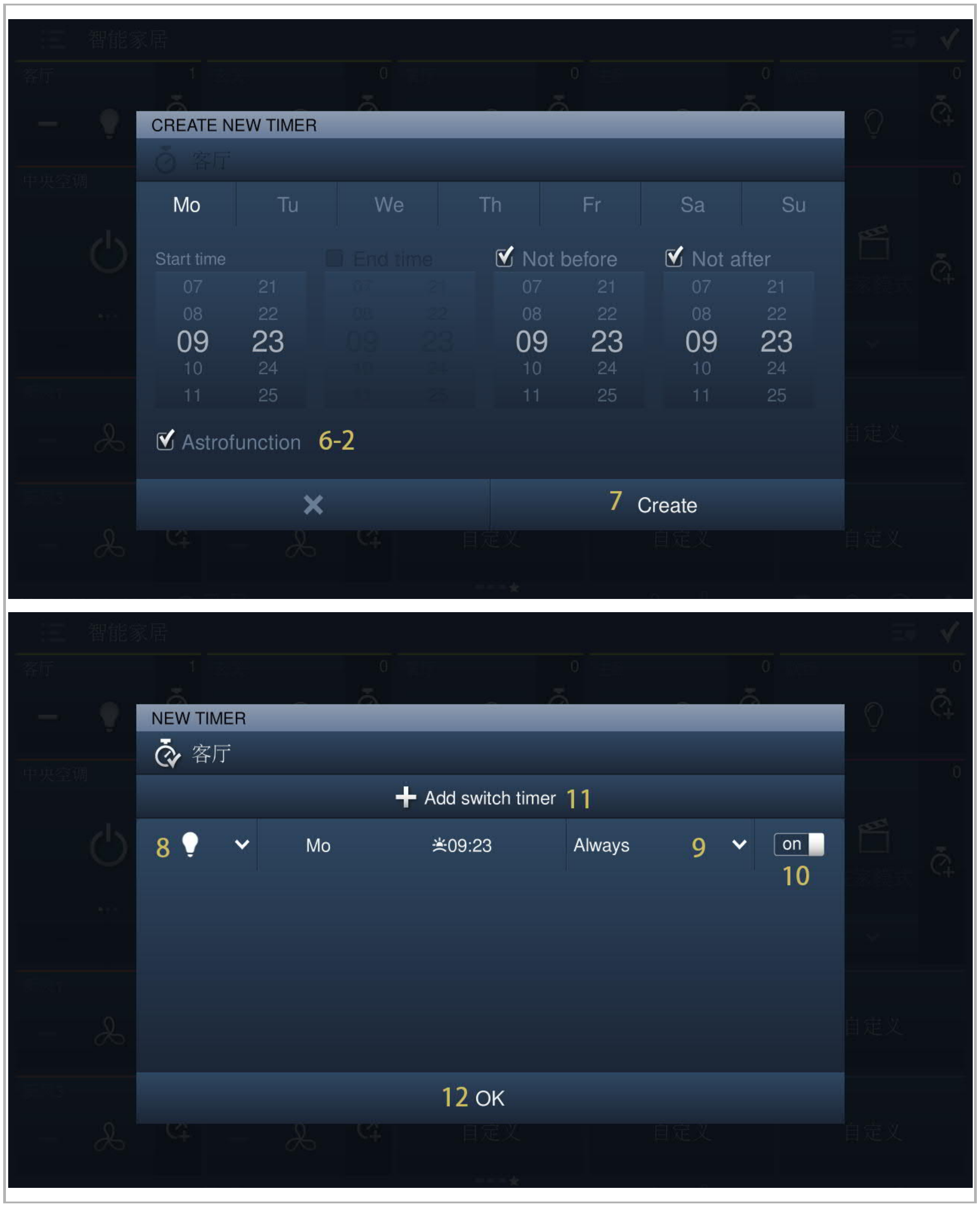
[8] Select the icon from the drop-down list.

[9] Select the timer type from the drop-down list. It can be set to "Always", "Only at vacation" or "Not at vacation".

[10] Switch on/off the timer. The system default is "on".

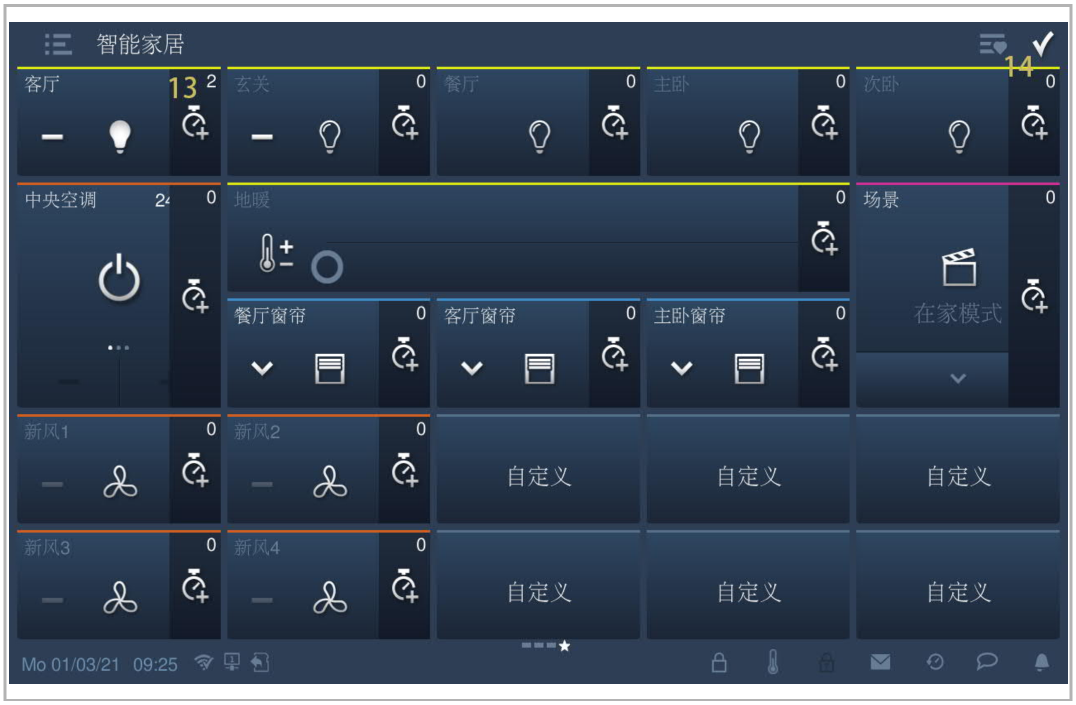
[11] Tap to add a new KNX timer. A maximum of 10 times is supported for each KNX device.

[12] Tap "OK".


CREATE NEW TIMER
客厅
Mo
Tu
We
Th
Fr
Sa
Su
Start time
End time
☑ Not before
☑ Not after
07 21
08 22
09 23
10 24
11 25
☑ Astrofunction
6-2
7
Create
NEW TIMER
客厅
Add switch timer
11
8
Mo
09:23
Always
9
on
10
12
OK

[13] The total count of the timer is display on the screen.

[14]Tap " ✓ " to exit the setting.

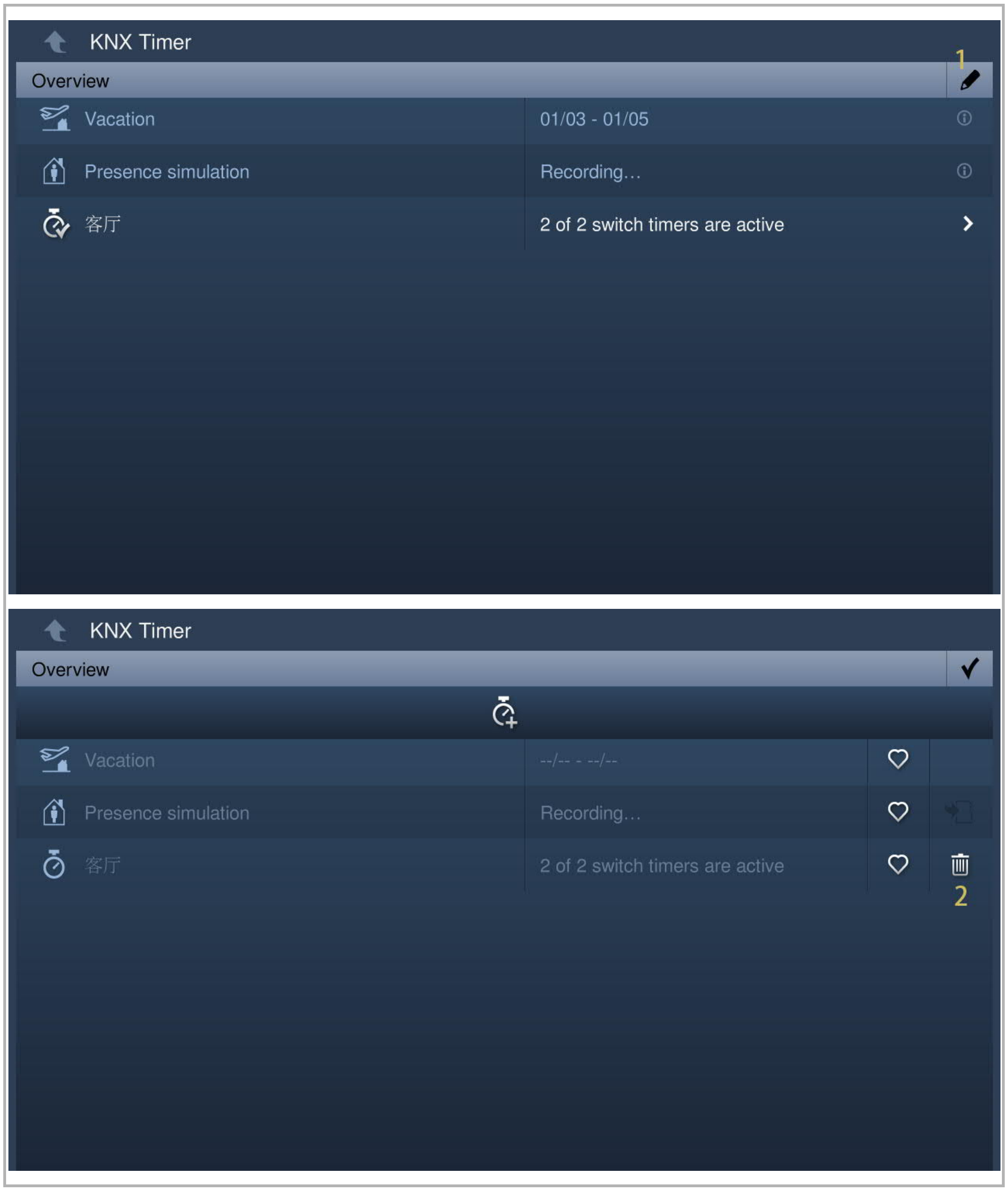

智能家居
客厅
13
2
玄关
0
餐厅
0
主卧
0
次卧
14
0
中央空调
24
0
地暖
0
场景
0
在家模式
餐厅窗帘
0
客厅窗帘
0
主卧窗帘
0
新风1
0
新风2
0
自定义
自定义
自定义
新风3
0
新风4
0
自定义
自定义
自定义
Mo 01/03/21 09:25

Removing a KNX timer

Please follow the steps below:

[1] On the "KNX timer" screen, tap " ✎ ".

[2] Tap " 🗑 ".

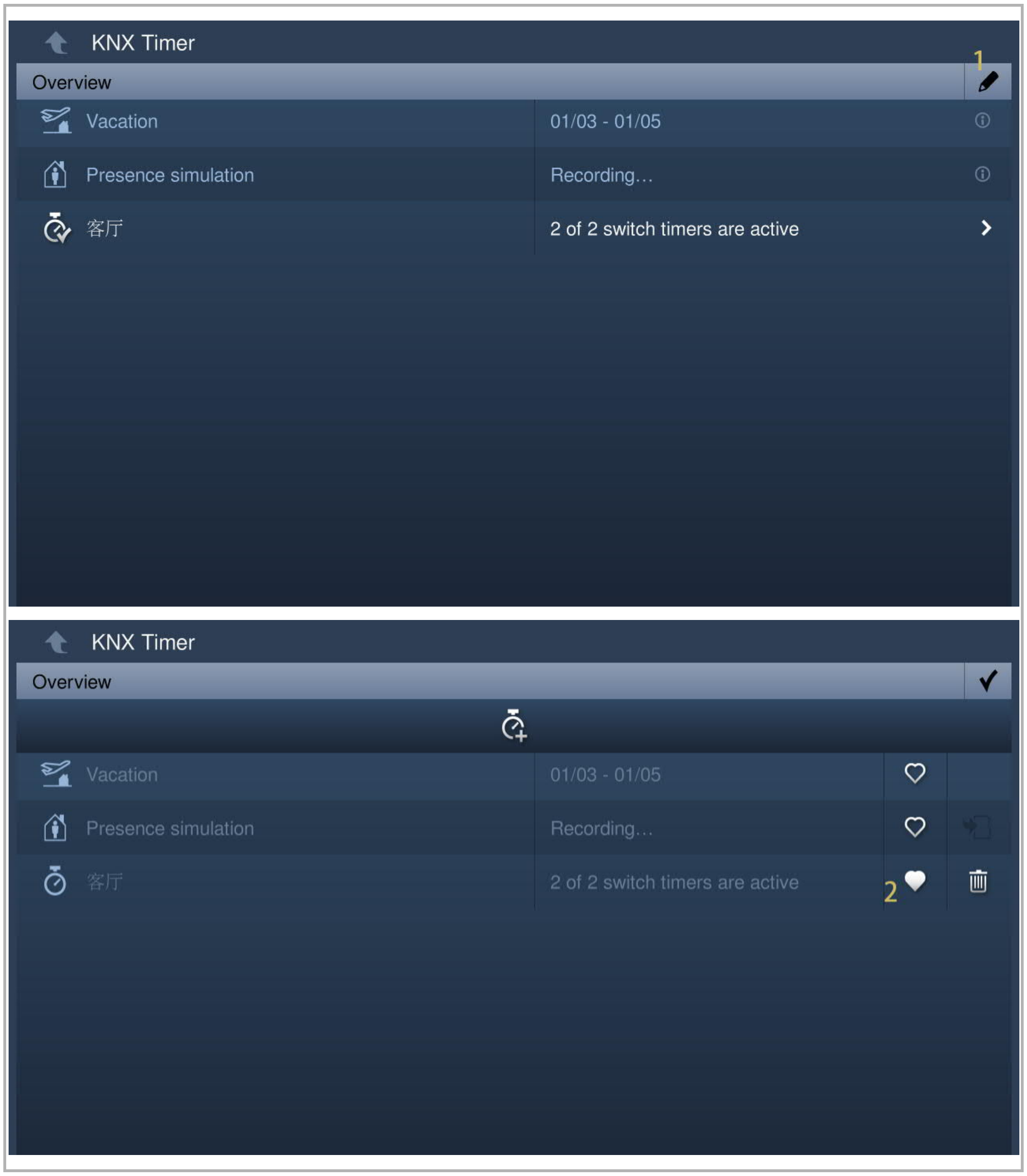

KNX Timer
1
Overview
Vacation
01/03 - 01/05
Presence simulation
Recording…
客厅
2 of 2 switch timers are active
KNX Timer
Overview
Vacation
--/-- - --/--
Presence simulation
Recording…
客厅
2 of 2 switch timers are active
2

Favourites

Please follow the steps below:

[1] On the "KNX timer" screen, tap " ✎ ".

[2] On the designated timer, tap " ♡ " and " ♥ " will be displayed if successful.



KNX Timer

Overview

Vacation 01/03 - 01/05

Presence simulation Recording…

客厅 2 of 2 switch timers are active

KNX Timer

Overview

Vacation 01/03 - 01/05

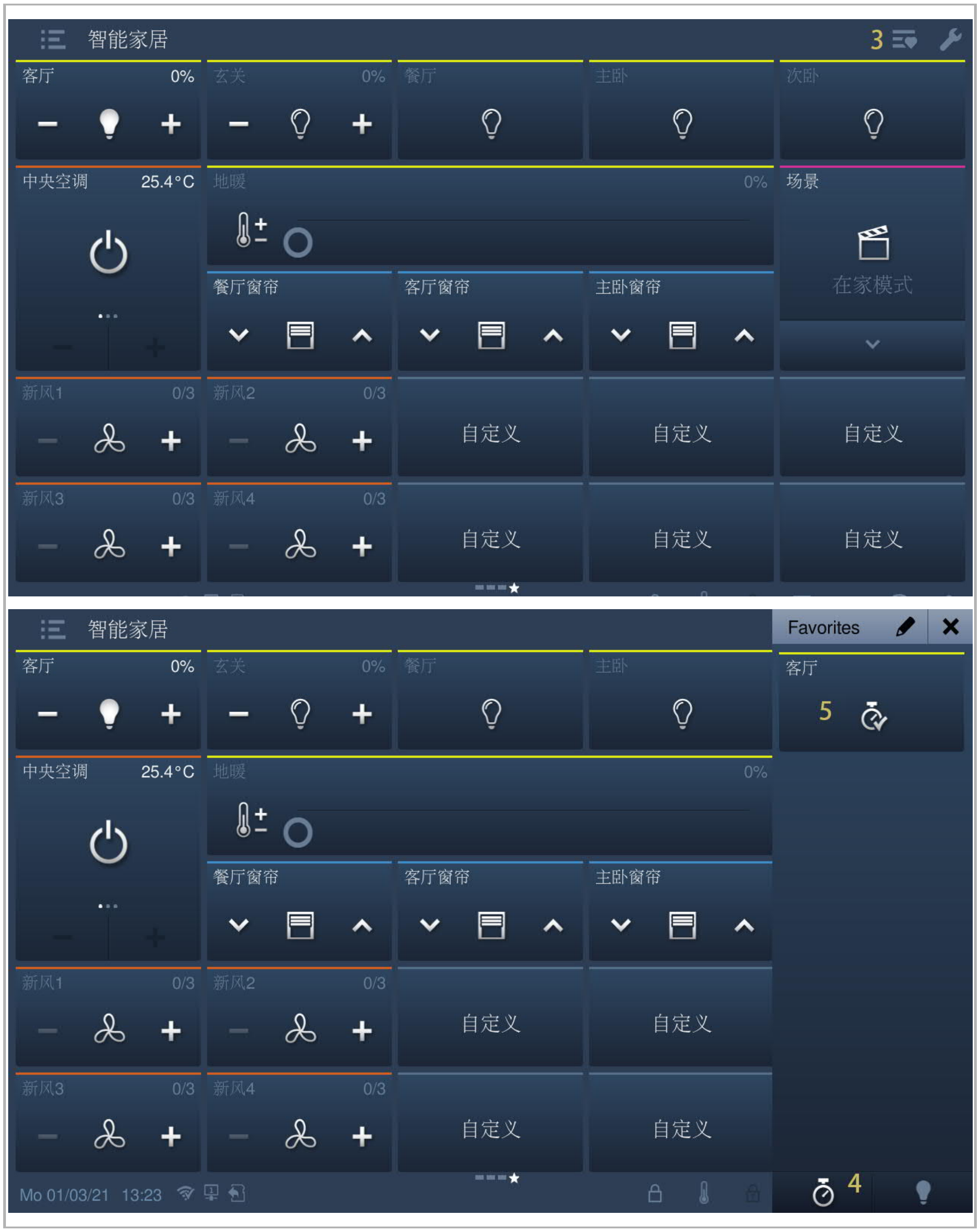
Presence simulation Recording…

客厅 2 of 2 switch timers are active

[3] On the "Smart home" screen, tap " ☰ ".

[4] Tap " ⏱ ".

[5] The favourite timer is displayed on the list.

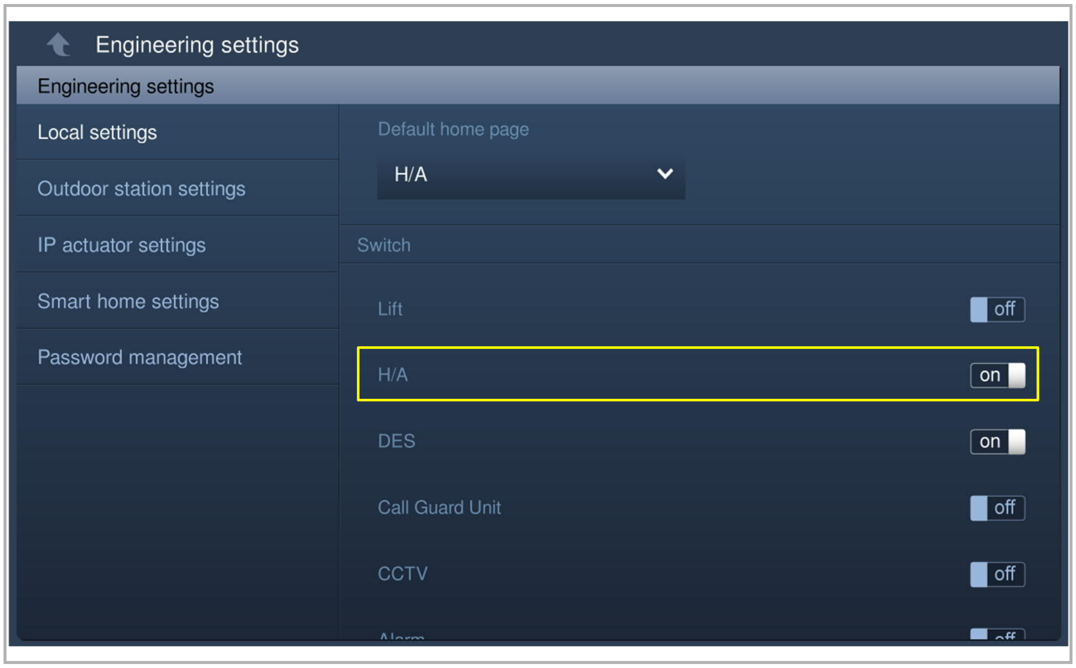

智能家居
3
客厅 0%
玄关 0%
餐厅
主卧
次卧
中央空调 25.4°C
地暖 0%
场景
在家模式
餐厅窗帘
客厅窗帘
主卧窗帘
新风1 0/3
新风2 0/3
新风3 0/3
新风4 0/3
自定义
Favorites
客厅
5
Mo 01/03/21 13:23
4

8.7 free@home settings

8.7.1 Precondition

Please ensure the follow settings are carried out before use.

- On the "Engineering settings", "Local settings" screen, the "H/A" function is enabled.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Smart home settings
Password management

Default home page: H/A

Switch

Lift: off

H/A: on

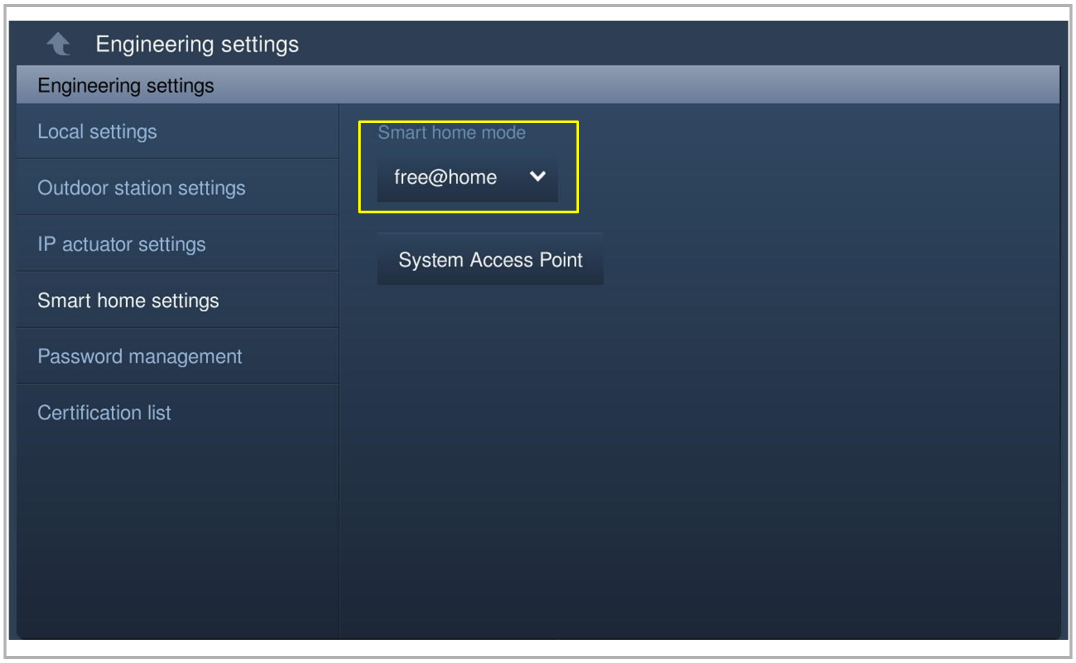
DES: on

Call Guard Unit: off

CCTV: off

Alarm: off

- On the "Engineering settings", "Smart home settings" screen, the smart home mode is set to "free@home".


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Smart home settings
Password management
Certification list
System Access Point

Smart home mode: free@home

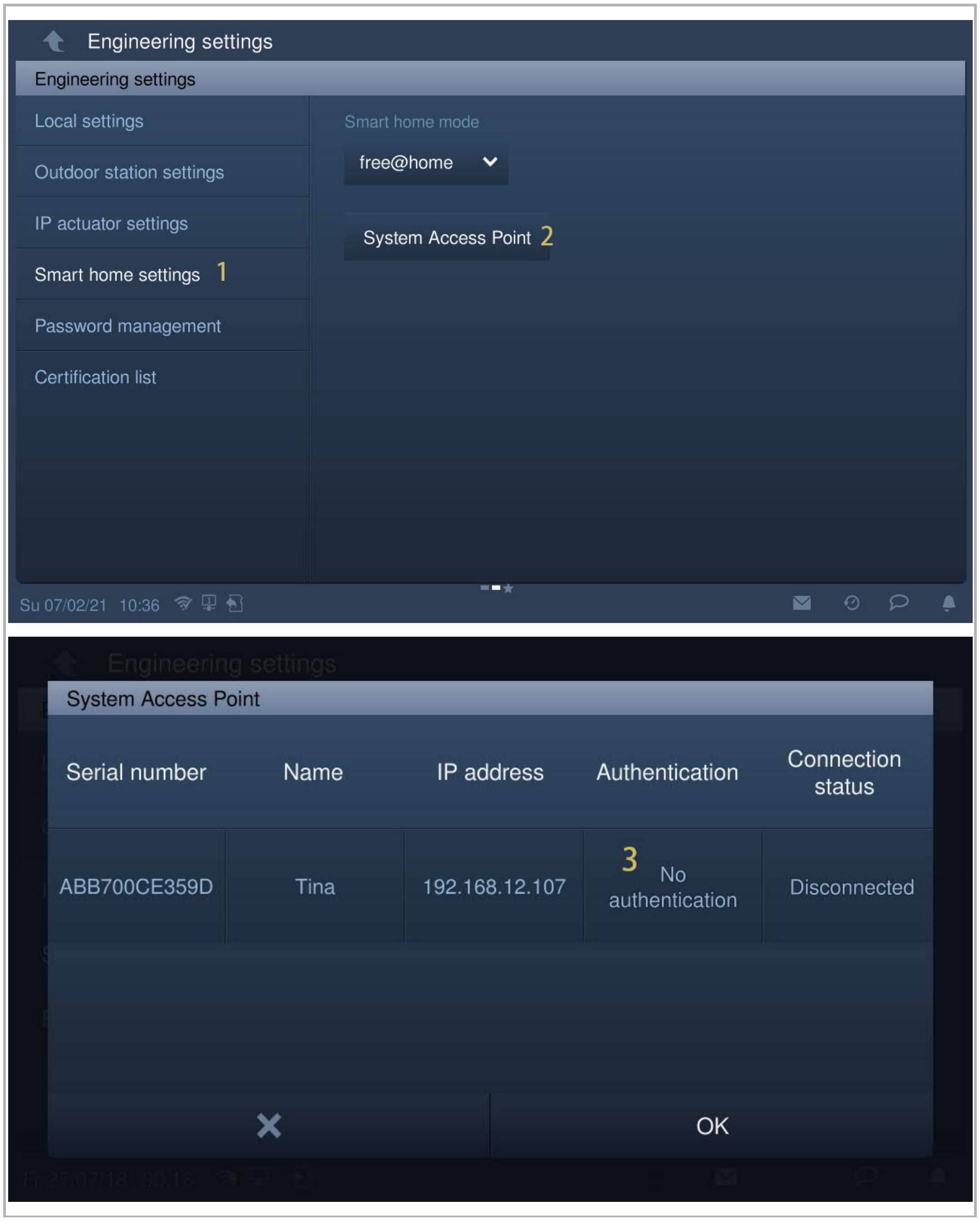
8.7.2 free@home settings

Please follow the steps below:

[1] On the "Engineering settings" screen, tap "Smart home setting".

[2] Tap "System Access Point".

[3] Tap the designated system access point.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Smart home settings 1
Password management
Certification list
System Access Point 2
Su 07/02/21 10:36
Engineering settings
System Access Point
✕
OK

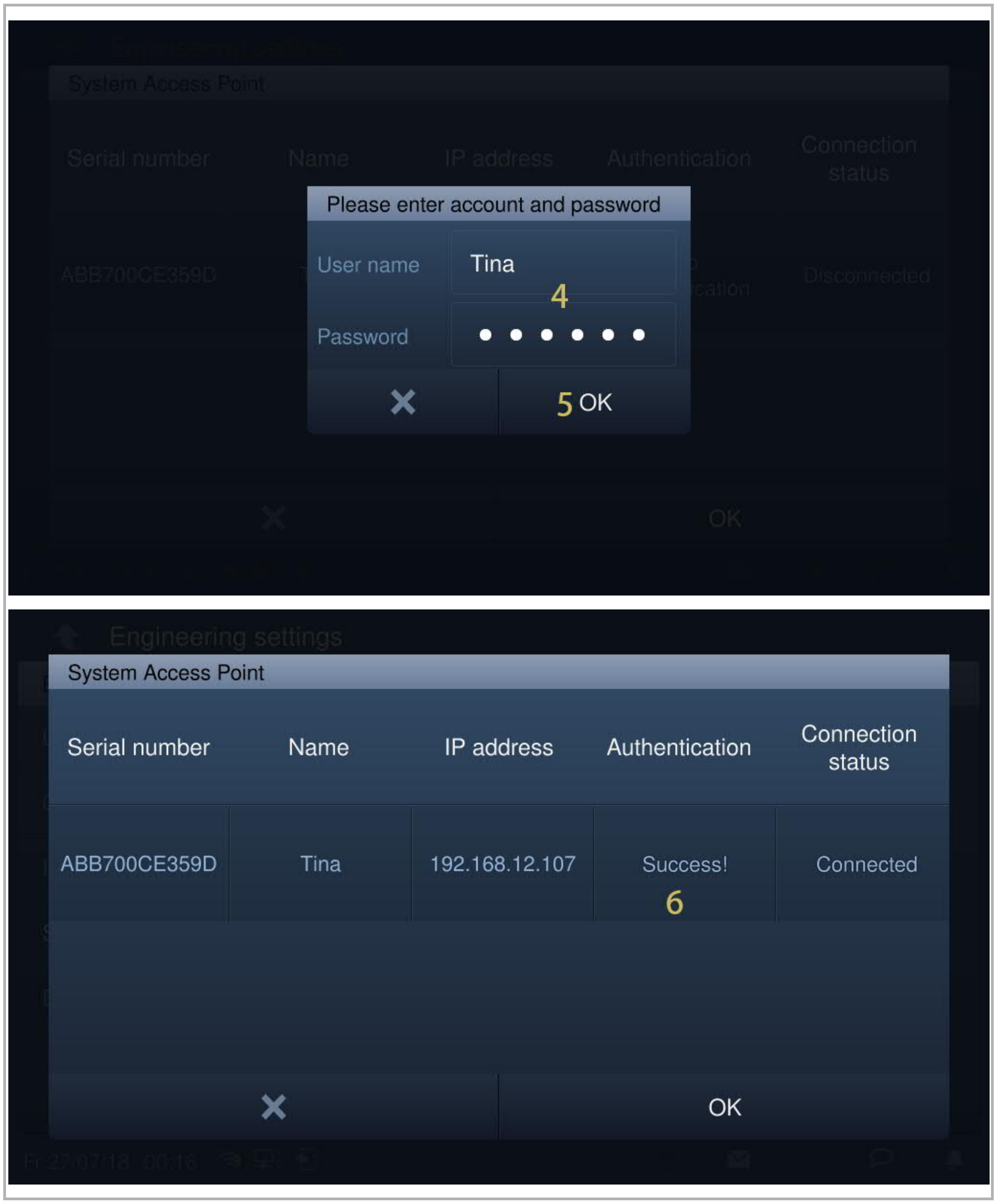
Smart home mode: free@home

Serial number	Name	IP address	Authentication	Connection status
ABB700CE359D	Tina	192.168.12.107	3 No authentication	Disconnected

[4] Enter the user name and the password.

[5] Tap "OK".

[6] "Success" is displayed on the screen if successful.



Please enter account and password

User name: Tina

Password: ● ● ● ● ● ●

Engineering settings

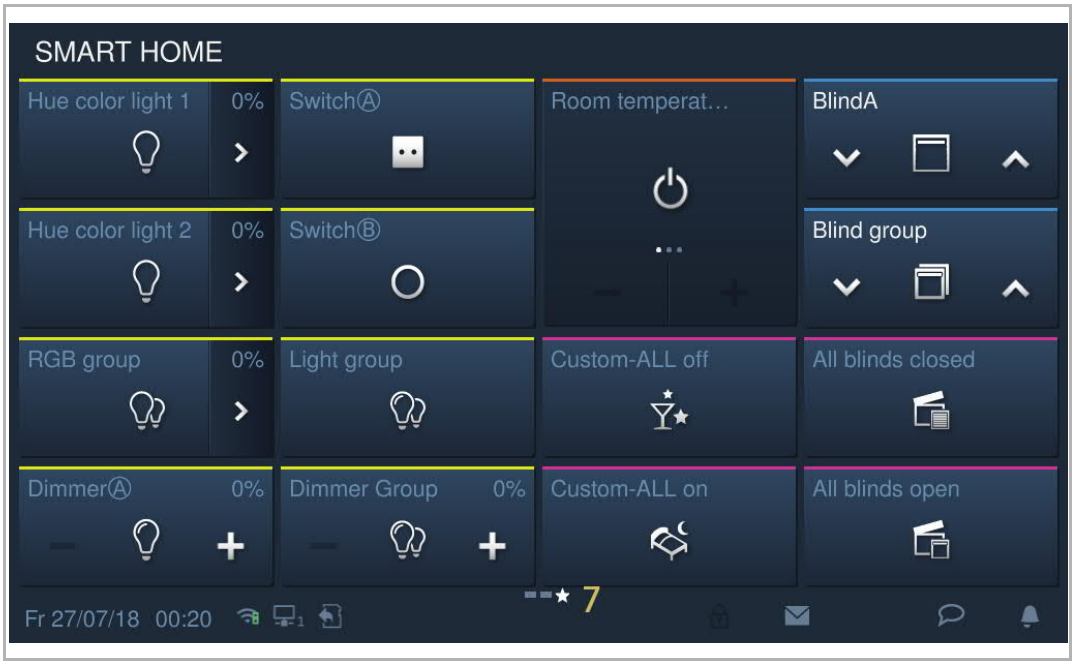
System Access Point

Serial number	Name	IP address	Authentication	Connection status
ABB700CE359D	Tina	192.168.12.107	Success!	Connected

[7] On the home screen, free@home pages will be displayed on the screen.

IP touch 7 supports a maximum of 4 free@home pages and a maximum of 64 free@home icons.

IP touch 10 supports a maximum of 4 free@home pages and a maximum of 100 free@home icons.


SMART HOME
Hue color light 1
0%
SwitchⒶ
Room temperat…
BlindA
Hue color light 2
0%
SwitchⒷ
Blind group
RGB group
0%
Light group
Custom-ALL off
All blinds closed
DimmerⒶ
0%
Dimmer Group
0%
Custom-ALL on
All blinds open
7
Fr 27/07/18 00:20

8.7.3 Commissioning the device via free@home

For commissioning the device via free@home, please use the information in the free@home system manual.

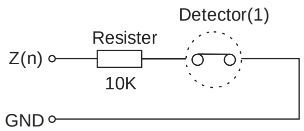
The free@home system manual can be accessed via the following link: https://new.abb.com/products/2CKA006200A0155.

8.8 Alarm settings

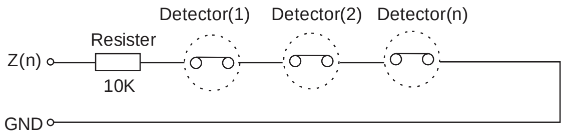
8.8.1 Alarm zone connection

1. Connect normally closed detectors

Connect one detector


Detector(1)
Resister
Z(n)
10K
GND

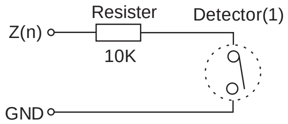
Connect multiple detectors


Detector(1)
Detector(2)
Detector(n)
Resister
Z(n)
10K
GND

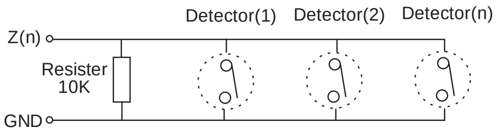
Z(n): Designated alarm zone connector on the indoor station

2. Connect normally open detectors

Connect one detector


Resister
Detector(1)
Z(n)
10K
GND

Connect multiple detectors


Detector(1)
Detector(2)
Detector(n)
Z(n)
Resister
10K
GND

Z(n): Designated alarm zone connector on the indoor station

Connect multiple detectors

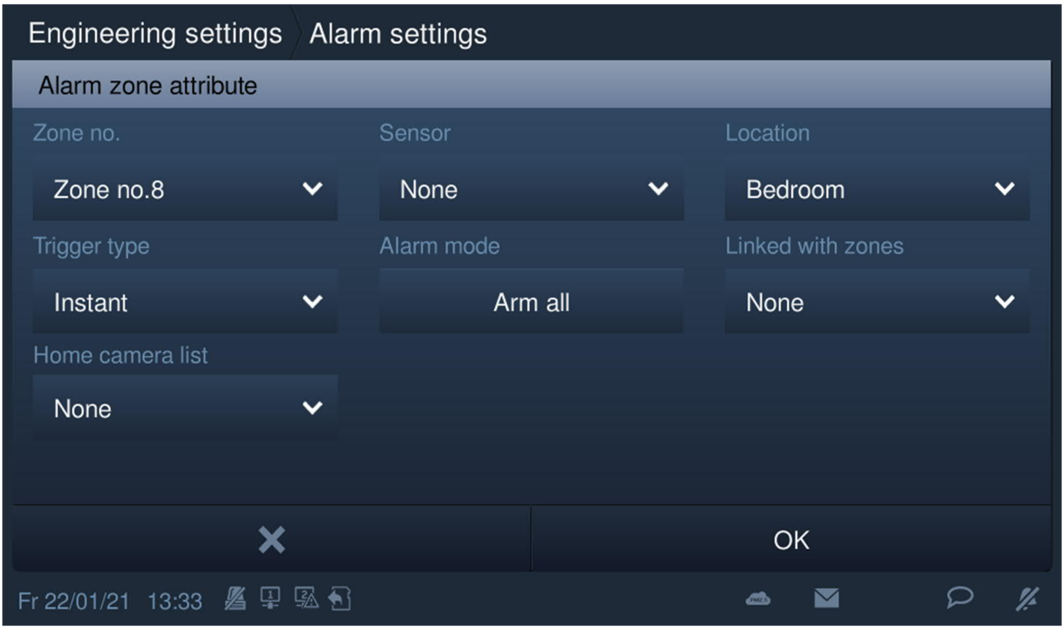
"Connect multiple detectors" above can be applied when multiple detectors are used as the same type of alarm zones.

Unused alarm zone

If an alarm zone is not used, there are 2 options to carry out:

[1] Option 1

On the "Engineering settings" >> "Advanced zone settings" >> "Alarm zone attribute" screen, set the "Sensor" to "None" (default).



Engineering settings > Alarm settings

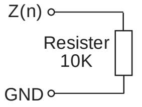
Alarm zone attribute

Zone no.: Zone no.8
Sensor: None
Location: Bedroom
Trigger type: Instant
Alarm mode: Arm all
Linked with zones: None
Home camera list: None

[2] Option 2

Follow the diagram below to connect a 10K resister.

Unused alarm zone



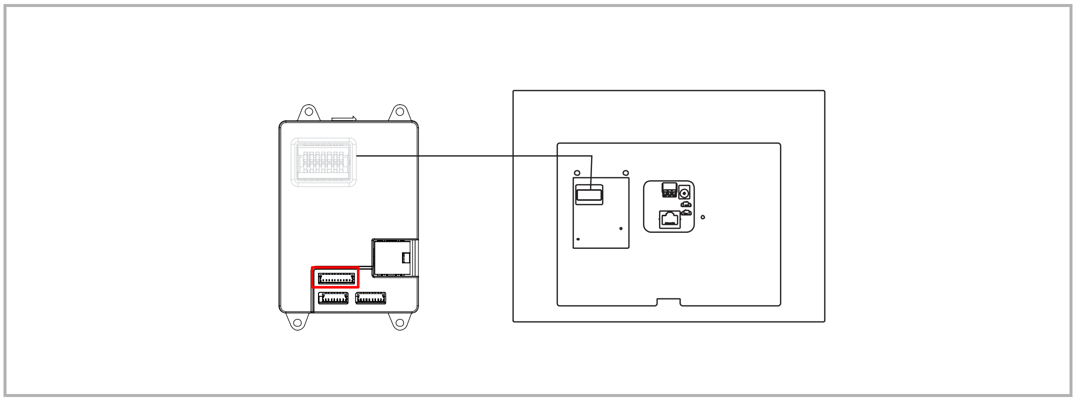
Z(n): Designated alarm zone connector on the indoor station

8.8.2 Alarm zone capacity

1. IP touch (LAN+LAN)

8 alarm zones

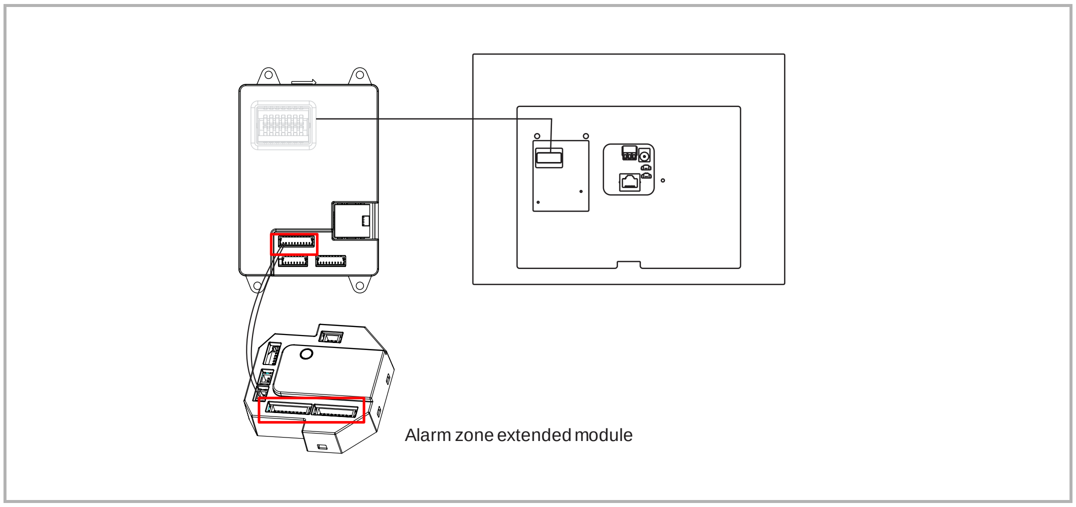
In this case, its interface module can support 8 alarm zones.



23 alarm zones

In this case, an alarm zone extended module should be connected to the interface module.

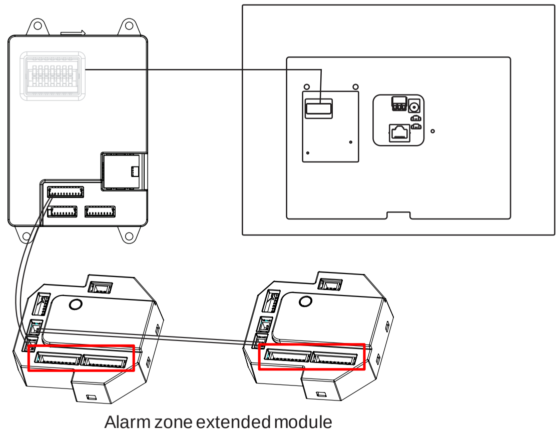
Its interface module (7) + an alarm zone extended module (16) can support 23 alarm zones.



32 alarm zones

In this case, 2 alarm zone extended modules should be connected to the interface module.

Its interface module (0) + 2 alarm zone extended modules (16*2) can support 32 alarm zones.



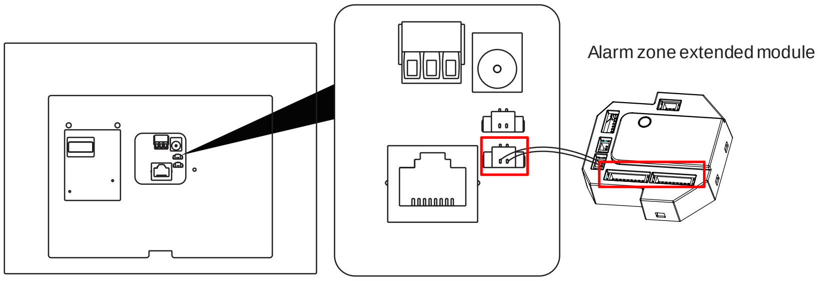
Alarm zone extended module

2. IP touch (LAN+WiFi)

16 alarm zones

In this case, an alarm zone extended module should be connected.

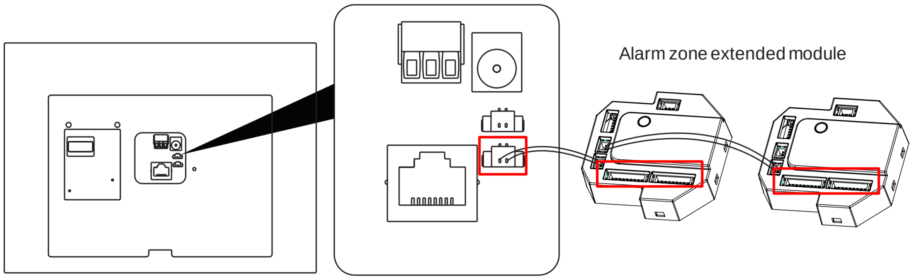
This alarm zone extended module (16) can support 16 alarm zones.


Alarm zone extended module

32 alarm zones

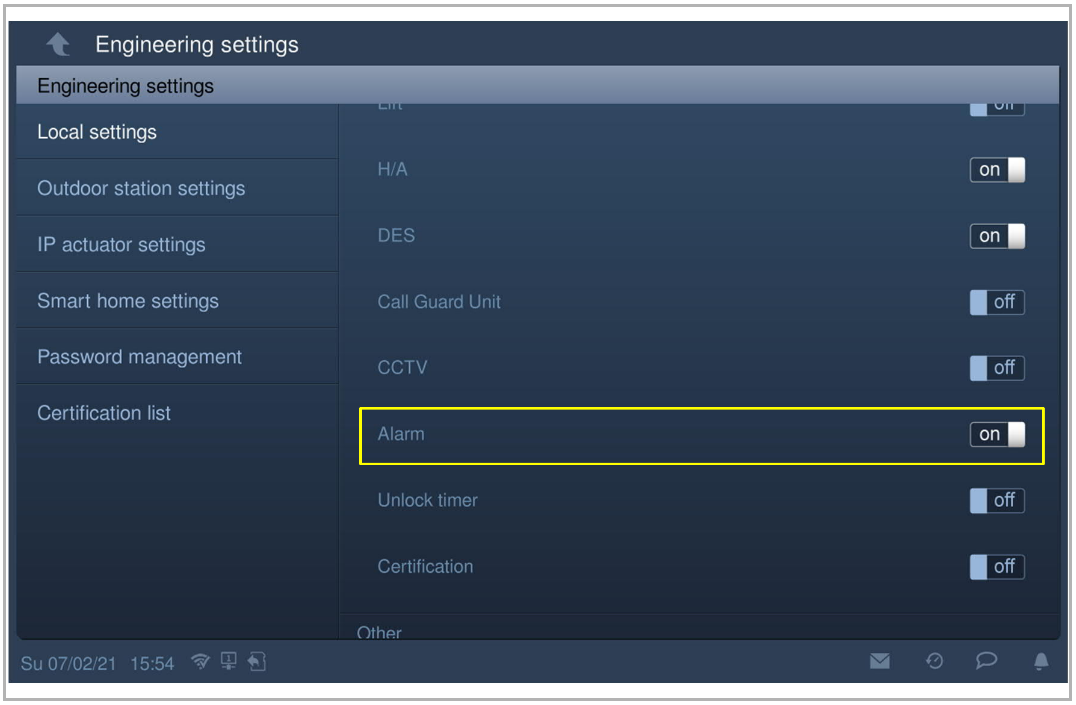
In this case, 2 alarm zone extended modules should be connected.

These alarm zone extended modules (16*2) can support 32 alarm zones.


Alarm zone extended module

8.8.3 Precondition

On the "Engineering settings", "Local settings" screen, the "Alarm" function is enabled.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Smart home settings
Password management
Certification list
Other
Su 07/02/21 15:54

H/A on

DES on

Call Guard Unit off

CCTV off

Alarm on

Unlock timer off

Certification off

8.8.4 Basic zone settings

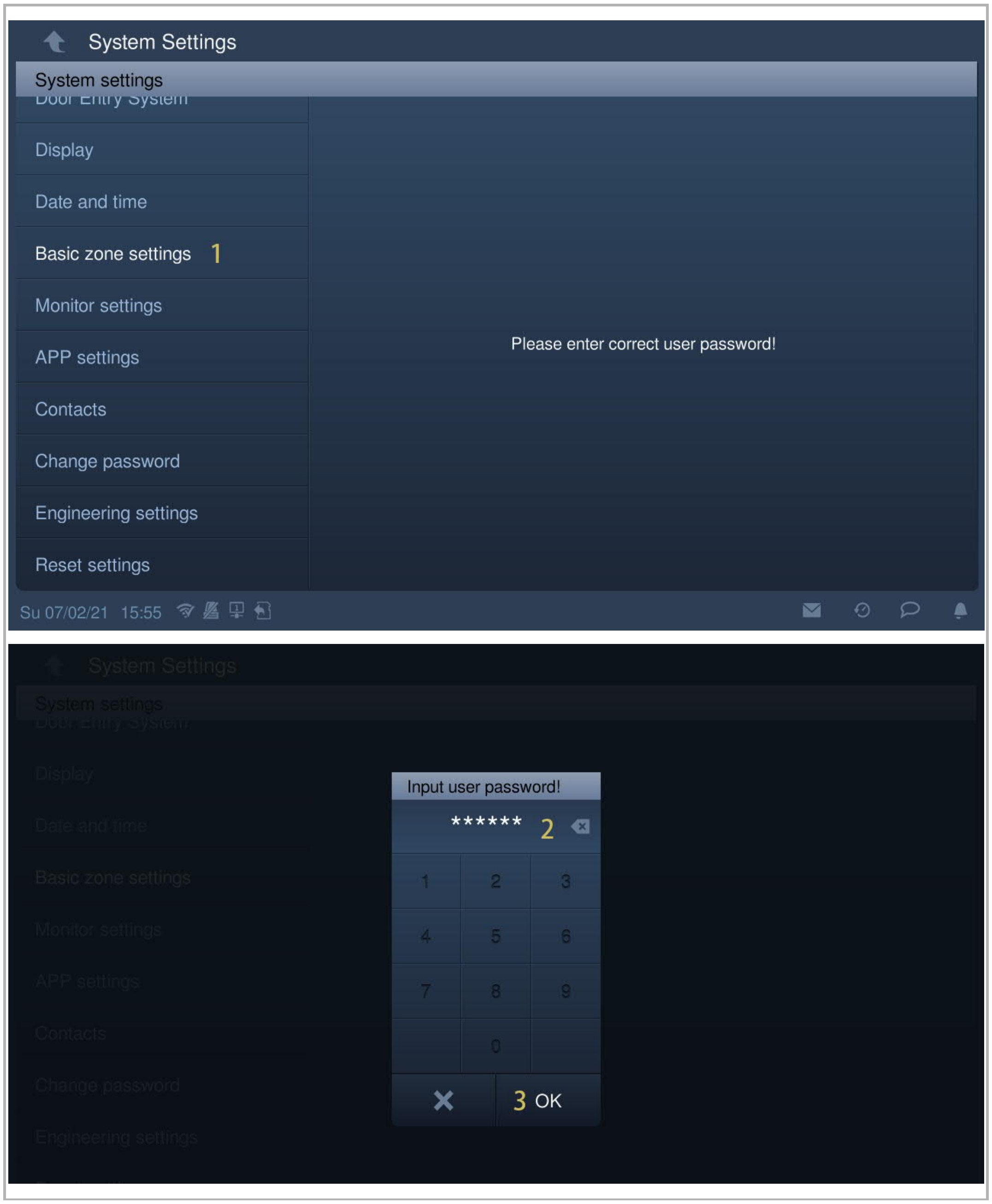
Access the "Basic zone settings" screen

Please follow the steps below:

[1] On the "System settings" screen, tap "Basic zone settings".

[2] Enter the user password (the system default is "123456").

[3] Tap "OK".



Please enter correct user password!

Input user password!

System Settings
System settings
Door Entry System
Display
Date and time
Basic zone settings
1
Monitor settings
APP settings
Contacts
Change password
Engineering settings
Reset settings
Su 07/02/21 15:55
******
2
1
2
3
4
5
6
7
8
9
0
3
OK

Basic zone settings

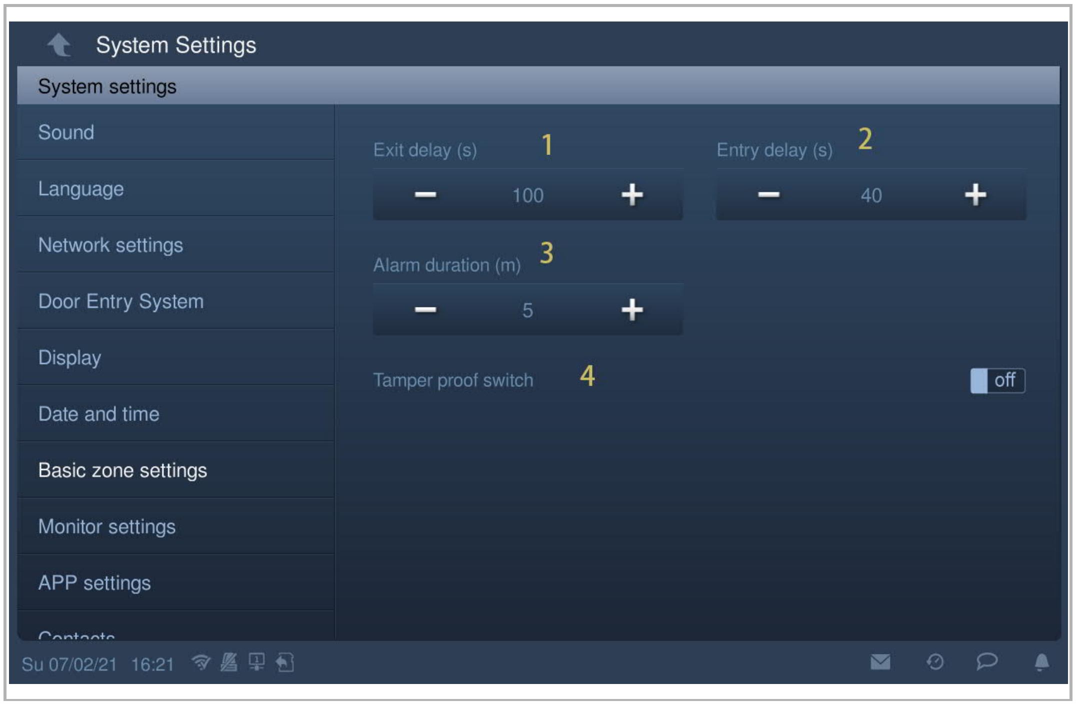
On the "Basic zone settings" screen, please follow the steps below:

[1] "Exit delay" means when a resident enters the user password to arm the IP touch, a certain amount of time is available for the resident to leave the house without the alarm being triggered.

[2] "Entry delay" means when the resident enters the house, there is a certain amount of time available to enter the password to disarm the indoor station to avoid the alarm being triggered.

[3] Set the alarm duration. The system default is 5 minutes.

[4] If the "Tamper proof switch" function is enabled, the IP touch will issue an alarm if it is removed from the wall or its front part is dismantled from the back part. An alarm message will be sent to the guard unit and the management software. This function will be activated automatically when this indoor station begins being armed.



System Settings
System settings
Sound
Language
Network settings
Door Entry System
Display
Date and time
Basic zone settings
Monitor settings
APP settings
Contacts
Su 07/02/21 16:21
1
2
3
4

Exit delay (s) 100

Entry delay (s) 40

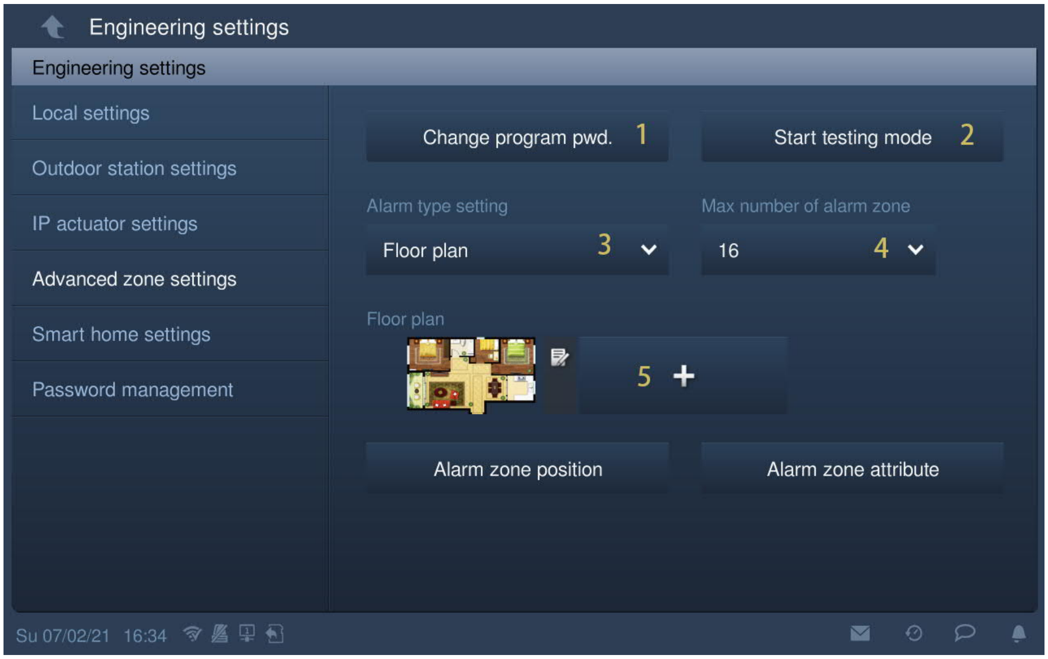
Alarm duration (m) 5

Tamper proof switch off

8.8.5 Advanced zone settings

Access the "Advanced zone settings" screen

On the "Engineering settings" screen, tap "Advanced zone settings" to access the corresponding screen.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Change program pwd.
1
Start testing mode
2
Alarm type setting
Floor plan
3
Max number of alarm zone
16
4
Floor plan
5
+
Alarm zone position
Alarm zone attribute
Su 07/02/21 16:34

No.	Description
1	Tap "Change Program pwd." to change the program password. This password is used to arm and disarm the indoor station (the system default is 345678).
2	Tap "Start testing mode" to test that the zones are working properly.
3	**Alarm type** It can be set to "Floor plan" or "Simple mode". When "Floor plan" is selected, the alarm icons will be displayed on a floor plan for more intuitive viewing.
4	**Alarm capacity** Select the alarm zone number from the drop-down list.
5	When "Floor plan" is selected, click "+" to add a floor plan from the SD card if an SD card is inserted.

Alarm zone position setting

This setting is only available when "Floor plan" is selected.

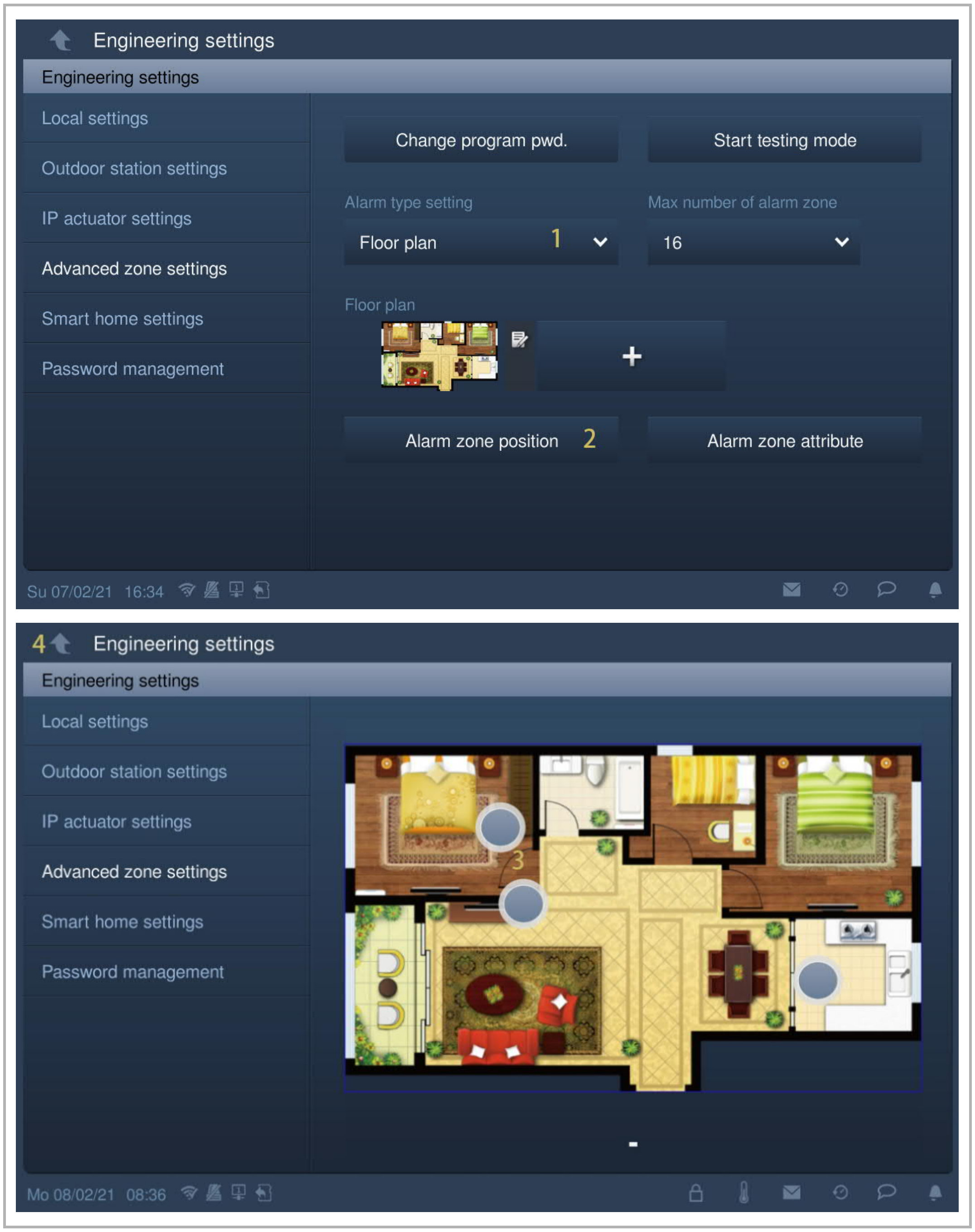
Please follow the steps below:

[1] On the "Advanced zone settings" screen, select "Floor plan" from the drop-down list.

[2] Tap "Alarm zone position".

[3] Tap anywhere to create an alarm zone.

[4] Tap " " to exit the current setting.



Alarm type setting: Floor plan

Max number of alarm zone: 16

Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Change program pwd.
Start testing mode
1
Floor plan
+
Alarm zone position
2
Alarm zone attribute
Su 07/02/21 16:34
4
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
3
-
Mo 08/02/21 08:36

Alarm zone attribute setting

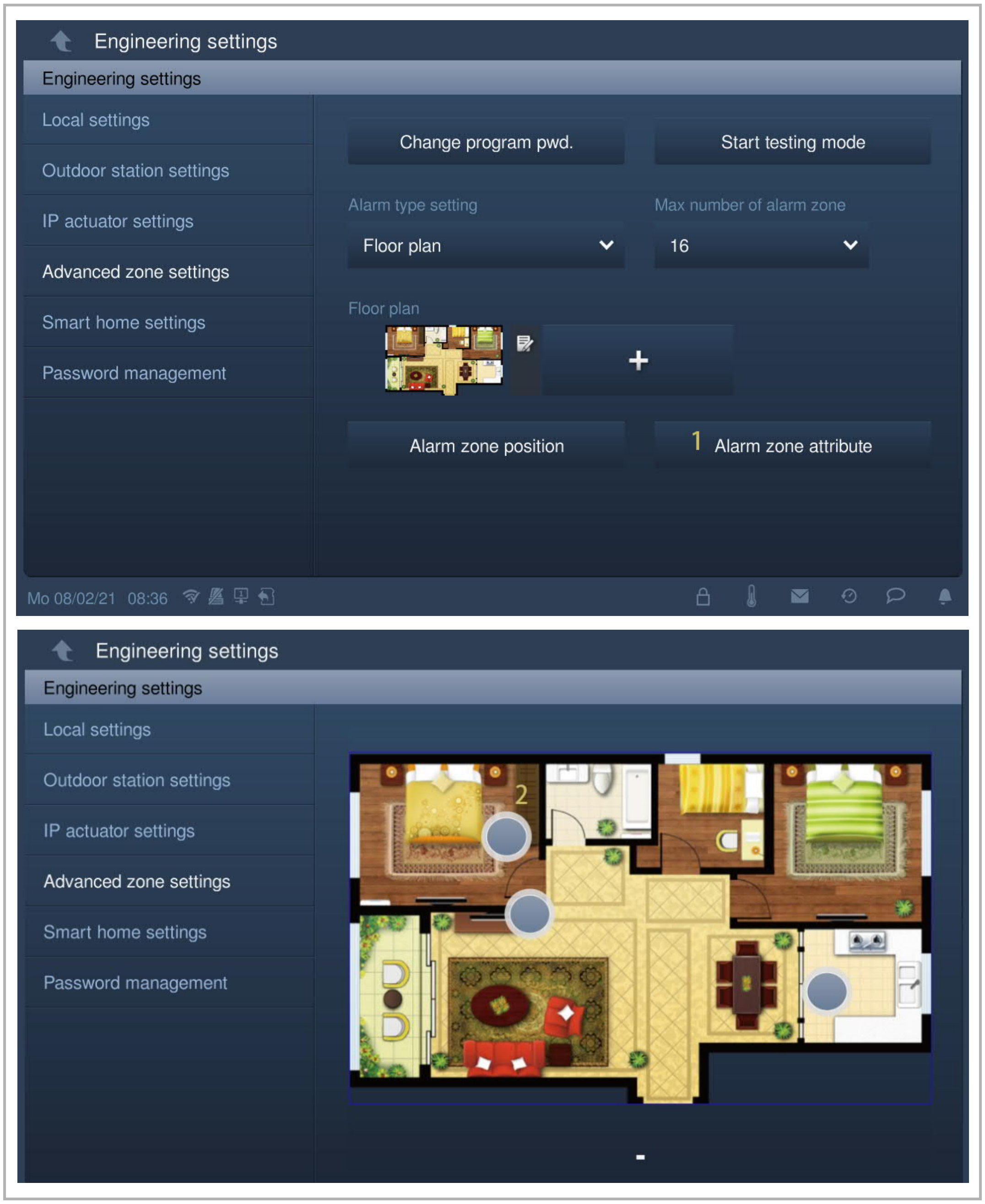
Note

The following descriptions are based on the "Floor plan" type. It can also be used as a reference for the "Simple mode" type

Please follow the steps below:

[1] On the "Advanced zone settings" screen, tap "Alarm zone attribute".

[2] Tap an alarm zone icon to access the corresponding screen.



Alarm type setting: Floor plan

Max number of alarm zone: 16

Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Change program pwd.
Start testing mode
Floor plan
+
Alarm zone position
1
Alarm zone attribute
Mo 08/02/21 08:36
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
2
-

[3] Display the zone number to be set.

[4] Select the sensor from the drop-down list. It can be set to "Emergency alarm", "Door magnetic", Infrared", "Gas", "Smoke", "Other" or "None".

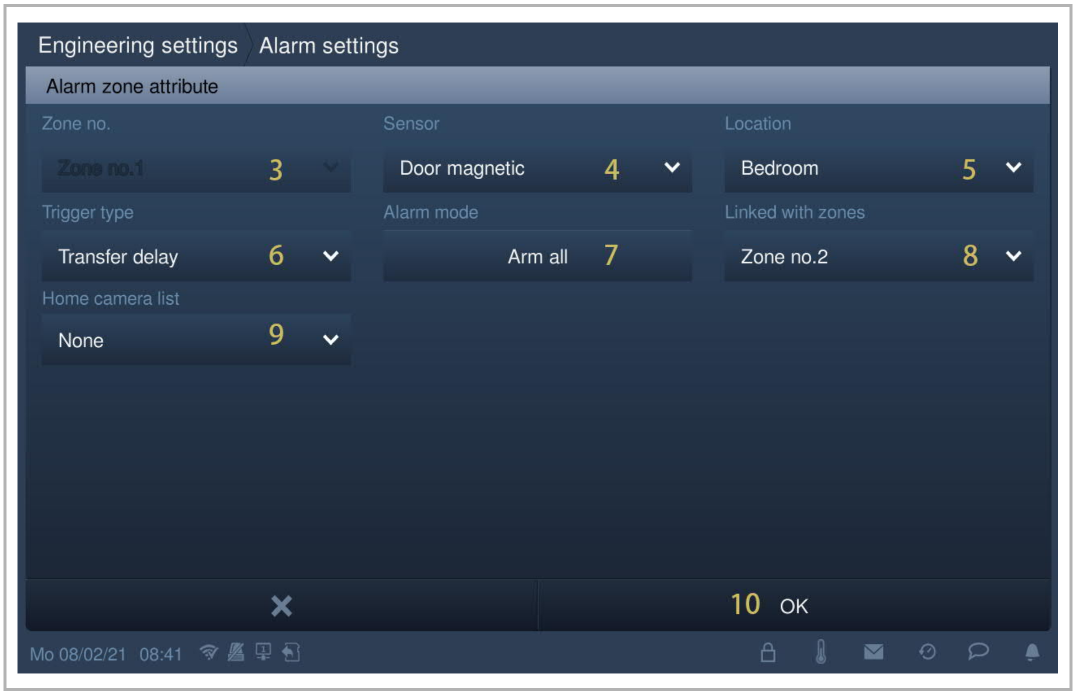
[5] Select the location from the drop-down list.

[6] Select the trigger type from the drop-down list. It can be set to "Instant", "Delay", "24 hour" or "Transfer delay" (see details on the next page).

[7] Tap to select the alarm mode. It can be selected from "Arm for stay", "Arm for away" and "Arm for rest".

[8] Select the linked zone from the drop-down list. With this setting, the alarm zone is combined with the other alarm zone. Fox example, zone 1 is linked to zone 2. Both zones must be set to the same trigger type. Either of them can be triggered first, and the other zone will then also be triggered within 20 s, an alarm will be sounded and an alarm message will be sent to the guard unit and the management software.

[9] Select the linked camera from the drop-down list. When the zone is triggered, the camera will record a 15 s video and save it to the SD card if an SD card has been inserted.


Engineering settings 〉Alarm settings

Alarm zone attribute

Zone no.: Zone no.1 3

Sensor: Door magnetic 4

Location: Bedroom 5

Trigger type: Transfer delay 6

Alarm mode: Arm all 7

Linked with zones: Zone no.2 8

Home camera list: None 9

Alarm zone trigger type

1. Instant zone

With this setting, when the zone is triggered during arming, an alarm sound is played and an alarm message is sent to the guard unit and the management software immediately. The alarm will be turned off when this indoor station is disarmed.

2. Delay zone

With this setting, when the zone is triggered during arming, the resident has some time to enter user password to disarm this indoor station, meaning no alarm will be sounded and no alarm message will be sent.

3. 24-hour zone

With this setting, when the zone is triggered (whether arming or disarming), an alarm sound will be played and an alarm message will be sent to the guard unit and the management software immediately. The only way to end the alarm is to disable the zone.

4. Transfer delay zone

With this setting, the alarm zone is combined with a delay zone.

For example, zone 1 = delay zone, zone 2 = transfer delay zone

If zone 2 is triggered first, an alarm will be sounded and an alarm message will be sent to the guard unit and the management software.

If zone 1 is triggered, a countdown will start. Then when zone 2 is triggered within this countdown, an alarm will be sounded and an alarm message will be sent to the guard unit and the management software if no disarm operation during the countdown. No alarm will be sent if you do disarm operation during the countdown.

Removing the alarm zones

Note

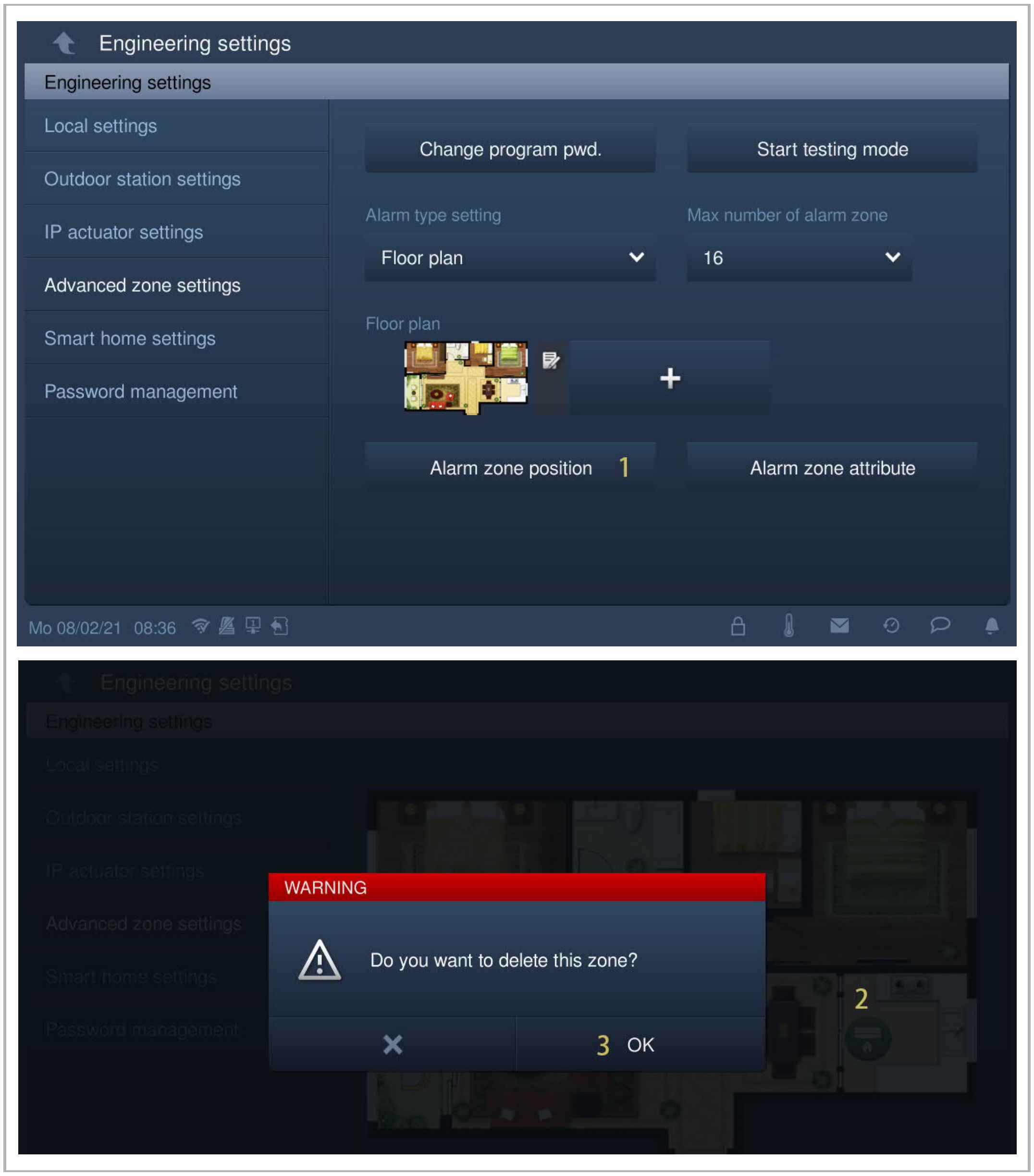
The following descriptions are based on the "Floor plan" type.

Please follow the steps below:

[1] On the "Advanced zone settings" screen, tap "Alarm zone position".

[2] Tap an existing alarm zone icon.

[3] Tap "OK" to remove this alarm zone.



Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Change program pwd.
Start testing mode
Floor plan
+
Alarm zone position
1
Alarm zone attribute
Mo 08/02/21 08:36
2
×
3
OK

Alarm type setting: Floor plan

Max number of alarm zone: 16

WARNING

Do you want to delete this zone?

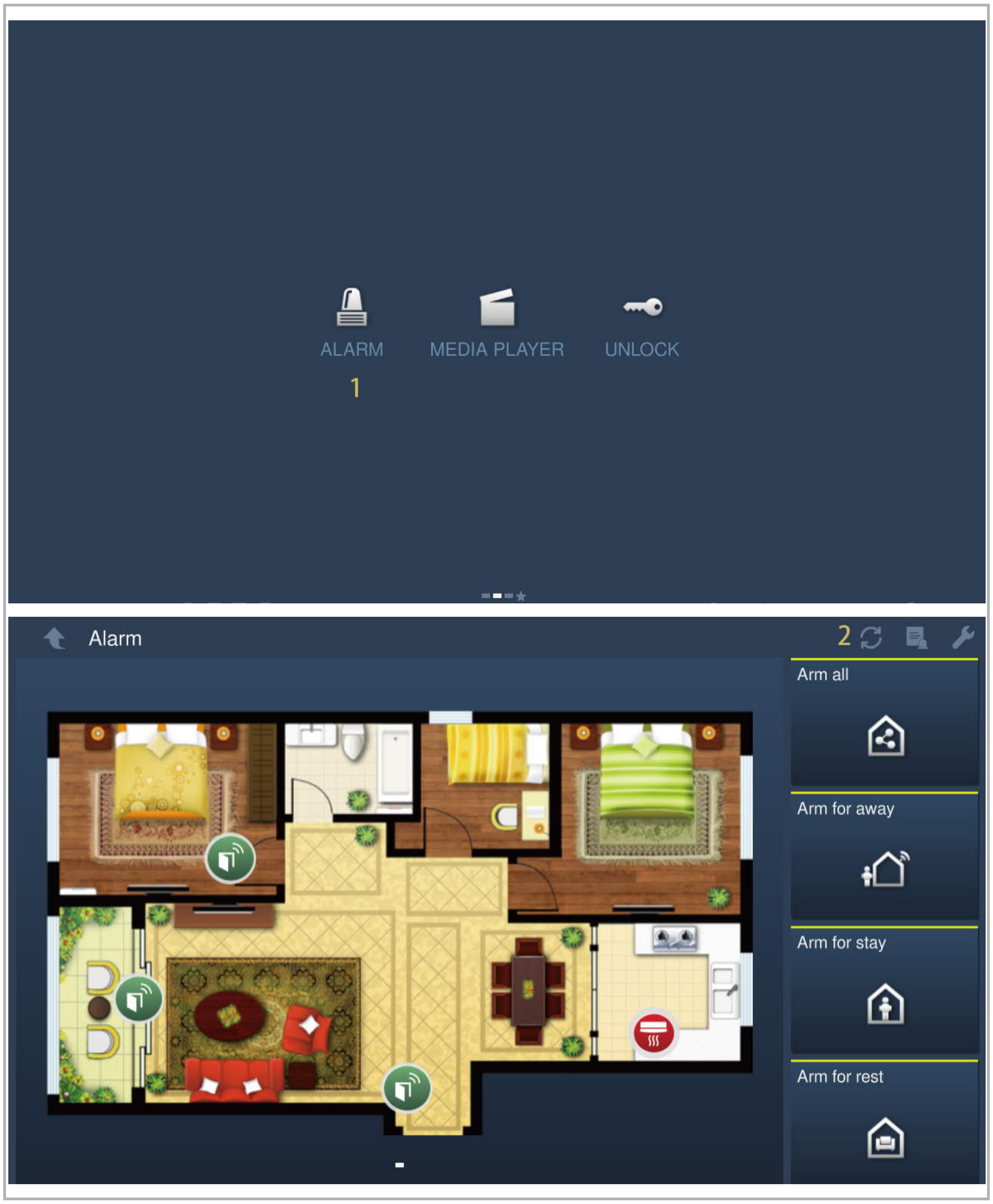
8.8.6 Linking with home automation

The alarm zone can be linked with a home automation scene.

Please follow the steps below:

[1] On the extra screen, tap "Alarm" to access the corresponding screen.

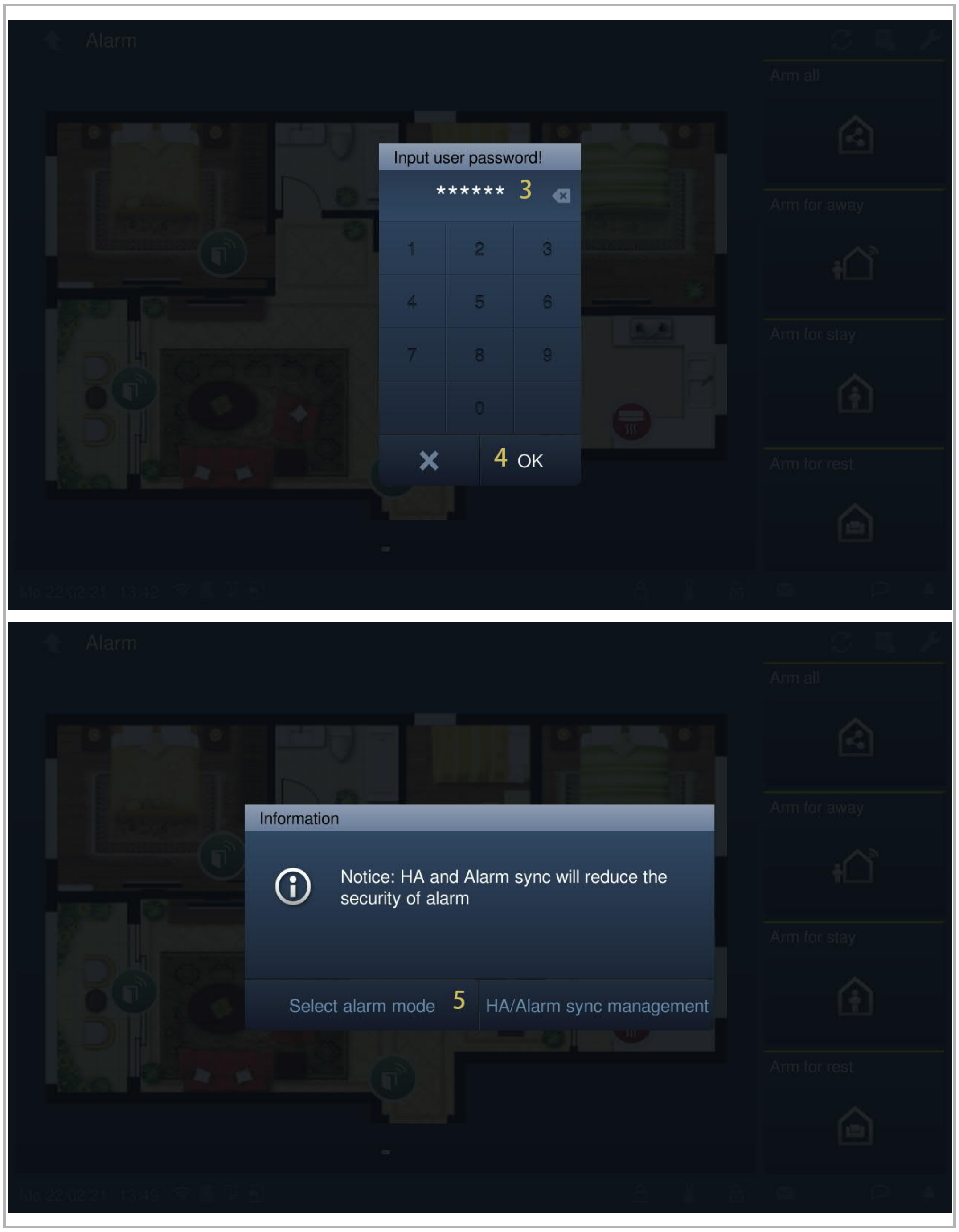
[2] Tap "⟳".


ALARM
MEDIA PLAYER
UNLOCK
1
Alarm
2
Arm all
Arm for away
Arm for stay
Arm for rest

[3] Enter the user password.

[4] Tap "OK".

[5] Tap "Select alarm mode".


Alarm
Arm all
Arm for away
Arm for stay
Arm for rest
Input user password!
******
3
1
2
3
4
5
6
7
8
9
0
4
OK
Alarm
Arm all
Arm for away
Arm for stay
Arm for rest
Information
Select alarm mode
5
HA/Alarm sync management

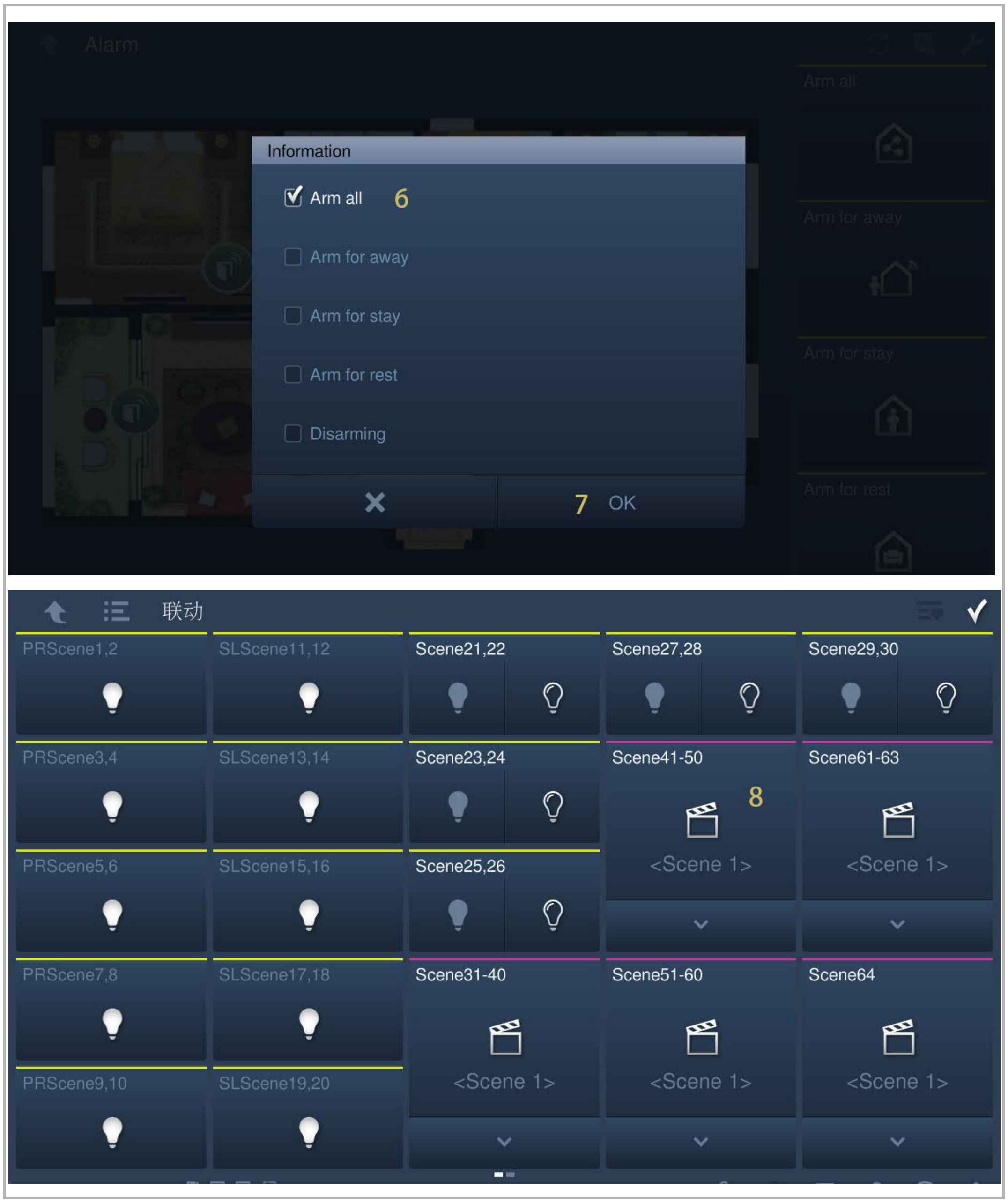
Notice: HA and Alarm sync will reduce the security of alarm

[6] Tick to select an alarm mode.

[7] Tap "OK".

[8] Tap a scene (KNX scene or free@home scene).

After this setting, when you apply the scene, the linked alarm operation will be carried out at the same time. Or when you carry out the alarm operation, the linked scene will also be applied at the same time.



Information

☑ Arm all 6

☐ Arm for away

☐ Arm for stay

☐ Arm for rest

☐ Disarming

Alarm
Arm all
Arm for away
Arm for stay
Arm for rest
✕
7 OK
联动
PRScene1,2
SLScene11,12
Scene21,22
Scene27,28
Scene29,30
PRScene3,4
SLScene13,14
Scene23,24
Scene41-50
8
<Scene 1>
Scene61-63
<Scene 1>
PRScene5,6
SLScene15,16
Scene25,26
PRScene7,8
SLScene17,18
Scene31-40
<Scene 1>
Scene51-60
<Scene 1>
Scene64
<Scene 1>
PRScene9,10
SLScene19,20

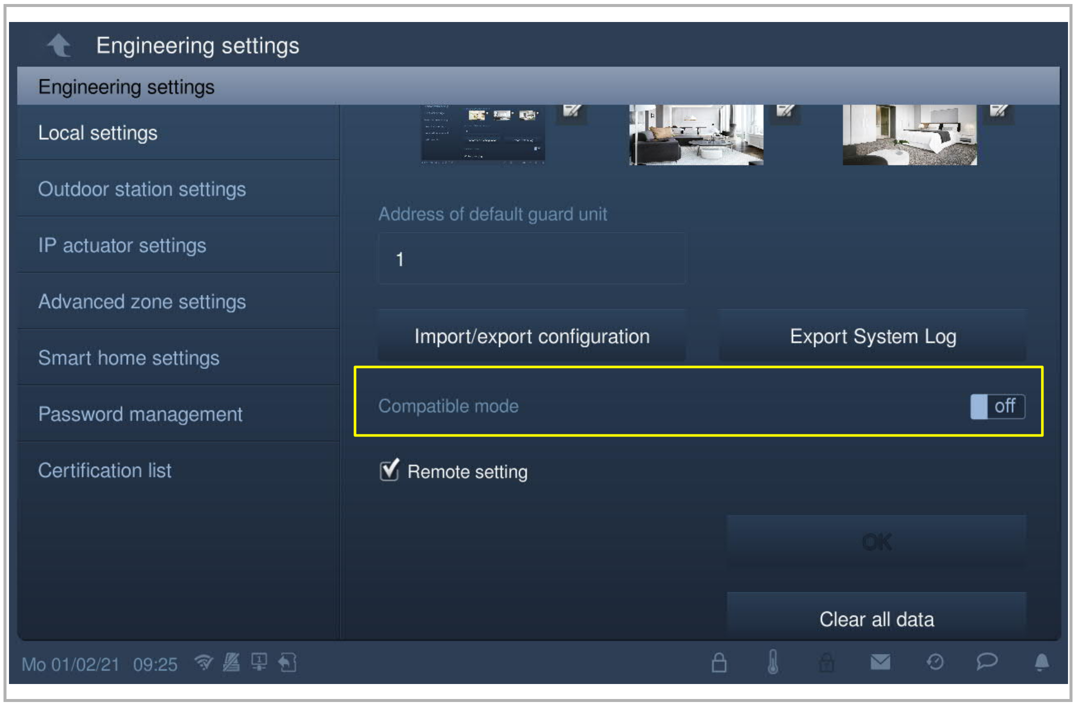
8.9 Outdoor station settings

8.9.1 Precondition

Please ensure the follow settings are carried out before use.

[1] "Compatible mode" is disabled

On the IP touch "Engineering settings", "Local settings" screen, "Compatible mode" is disabled.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Import/export configuration
Export System Log
OK
Clear all data
Mo 01/02/21 09:25

Address of default guard unit
1

Compatible mode off

☑ Remote setting

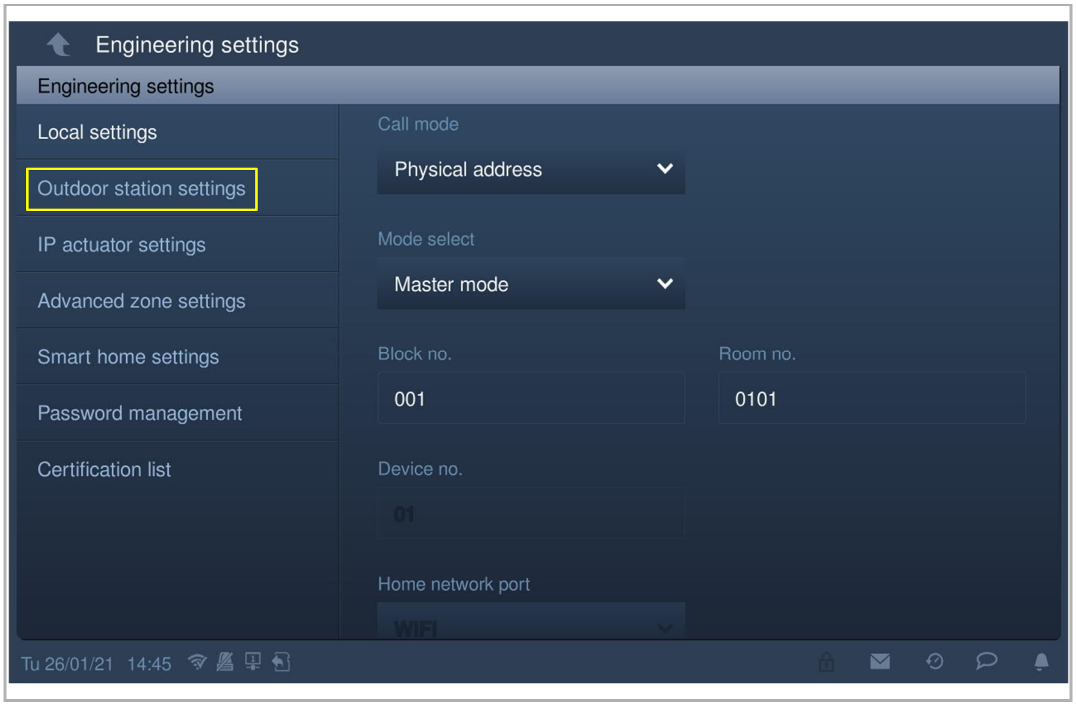
[2] Outdoor station enters engineering mode

Note
The following settings apply to the pushbutton outdoor station only.
The outdoor station must enter engineering mode before use.

- Power on the outdoor station, wait until all 3 LED indicators go out.
- Press and hold the first button on the outdoor station for 10 s until all 3 LED indicators flash.

8.9.2 Accessing the "Outdoor station settings" screen

On the "Engineering settings" screen on the IP touch, tap "Outdoor station settings" to access the corresponding screen.



Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Tu 26/01/21 14:45

Call mode: Physical address

Mode select: Master mode

Block no.: 001

Room no.: 0101

Device no.: 01

Home network port: WIFI

8.9.3 Device type setting

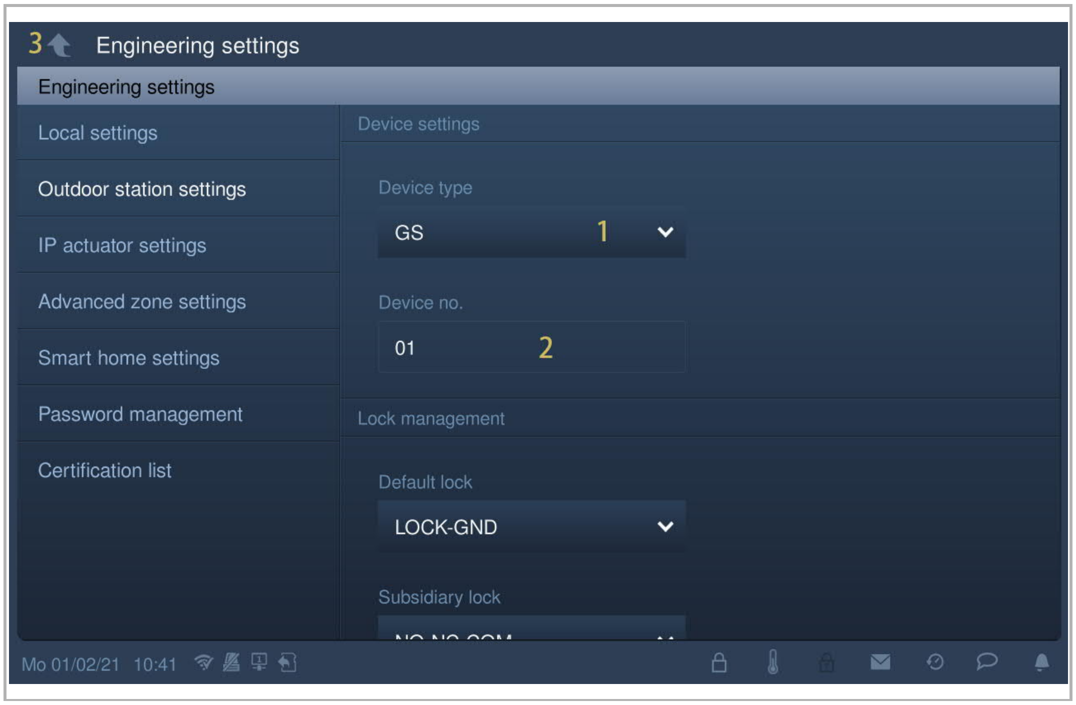
1. Device type = GS (gate station)

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select "GS" from the drop-down list.

[2] Enter the device number (1…32).

[3] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.


3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Device settings
Lock management
1
2
Mo 01/02/21 10:41

Device type: GS

Device no.: 01

Default lock: LOCK-GND

Subsidiary lock

2. Device type = OS (outdoor station)

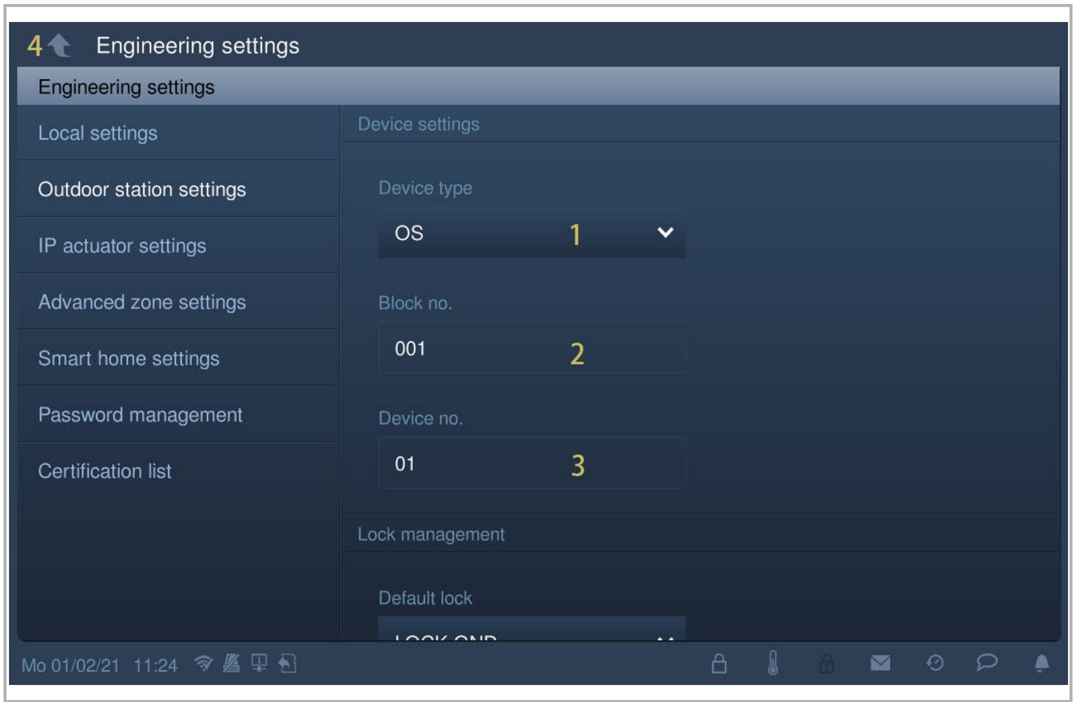
Please follow the steps below:

[1] On the "Outdoor station settings" screen, select "OS" from the drop-down list.

[2] Enter the block number (1…999).

[3] Enter the device number (1…64).

[4] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.


4
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Device settings
1
2
3
Lock management
Default lock
Mo 01/02/21 11:24

Device type: OS

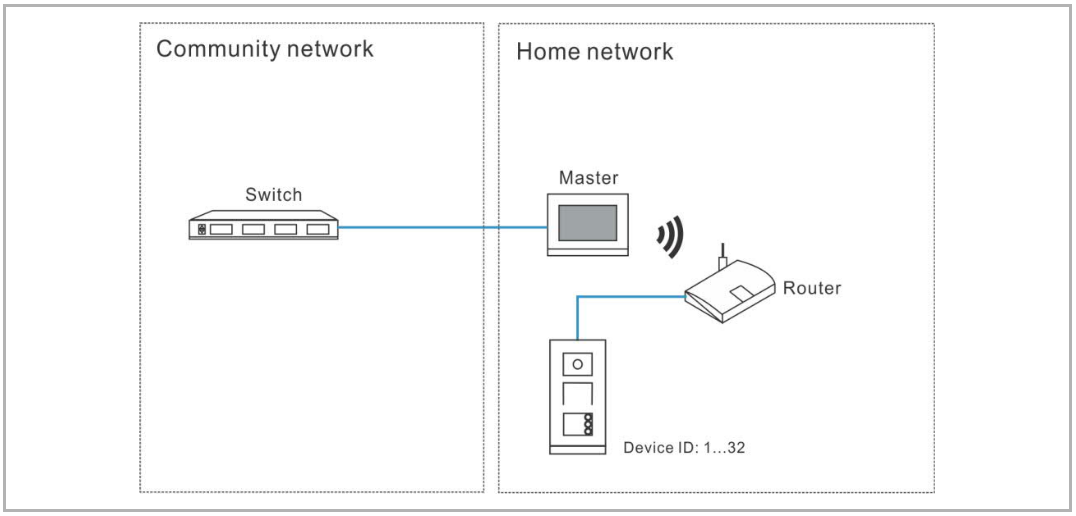
Block no.: 001

Device no.: 01

3. Device type = 2nd OS (2nd confirmed outdoor station)

Location of IP gateway = Internal

In this case, the 2nd OS is connected to the router in the apartment (see diagram below).


Community network
Switch
Home network
Master
Router
Device ID: 1…32

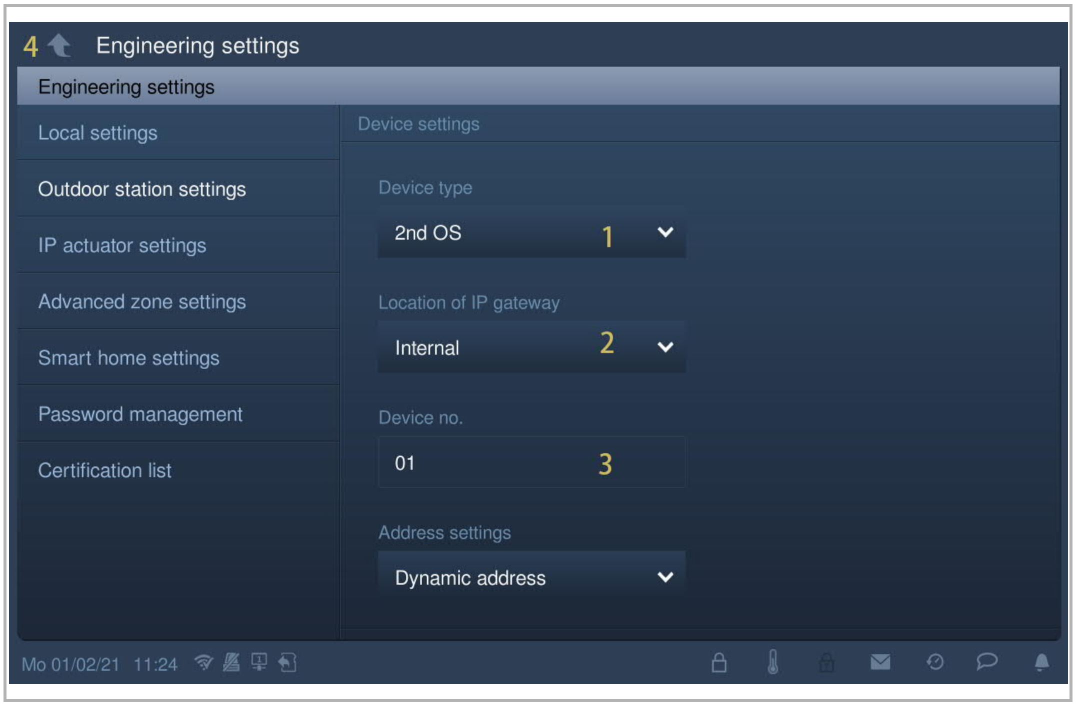
Please follow the steps below:

[1] On the "Outdoor station settings" screen, select "2nd OS" from the drop-down list.

[2] Select "Internal" from the drop-down list.

[3] Enter the device number (1…32).

[4] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.


4
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Device settings
Mo 01/02/21 11:24

Device type: 2nd OS 1

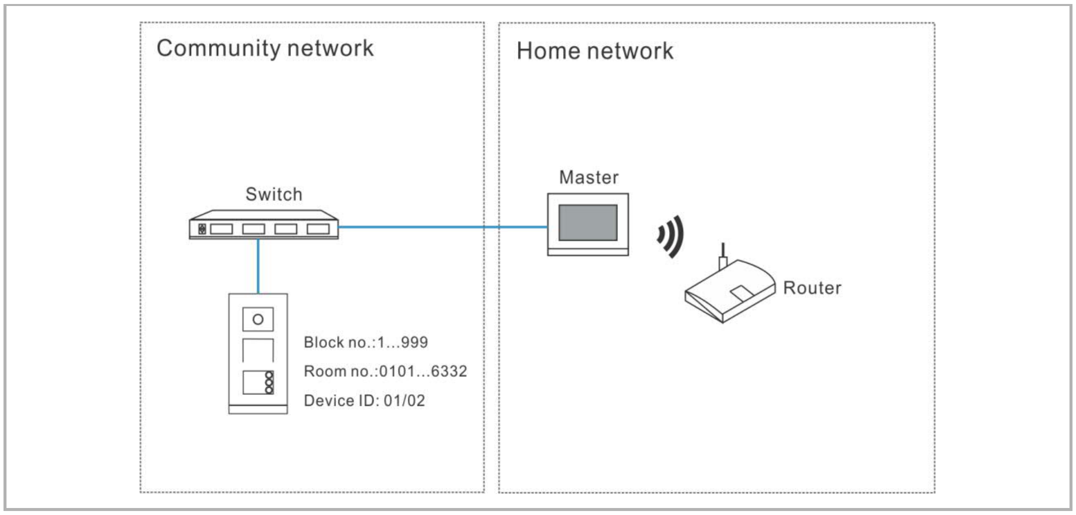
Location of IP gateway: Internal 2

Device no.: 01 3

Address settings: Dynamic address

Location of IP gateway = External

In this case, the 2nd OS is connected to the switch outside the apartment (see diagram below).


Community network
Home network
Switch
Master
Router
Block no.:1…999
Room no.:0101…6332
Device ID: 01/02

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select "2nd OS" from the drop-down list.

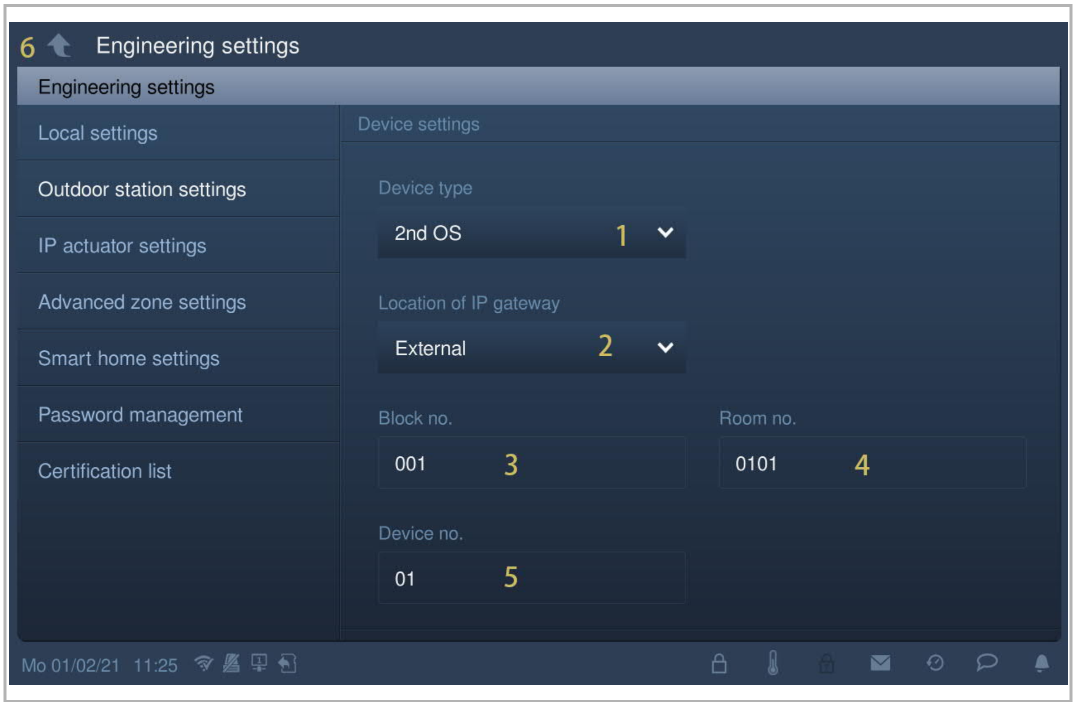
[2] Select "External" from the drop-down list.

[3] Enter the block number (1…999).

[4] Enter the room number (01…63 + 01…32 e.g. 0101).

[5] Enter the device number (1…2).

[6] Tap "⬆" to exit the setting, tap "OK" to save the settings.



6
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Device settings
Mo 01/02/21 11:25
1
2
3
4
5

Device type: 2nd OS

Location of IP gateway: External

Block no.: 001

Room no.: 0101

Device no.: 01

Note

The external and internal types cannot be used in mixed scenarios in the same apartment.

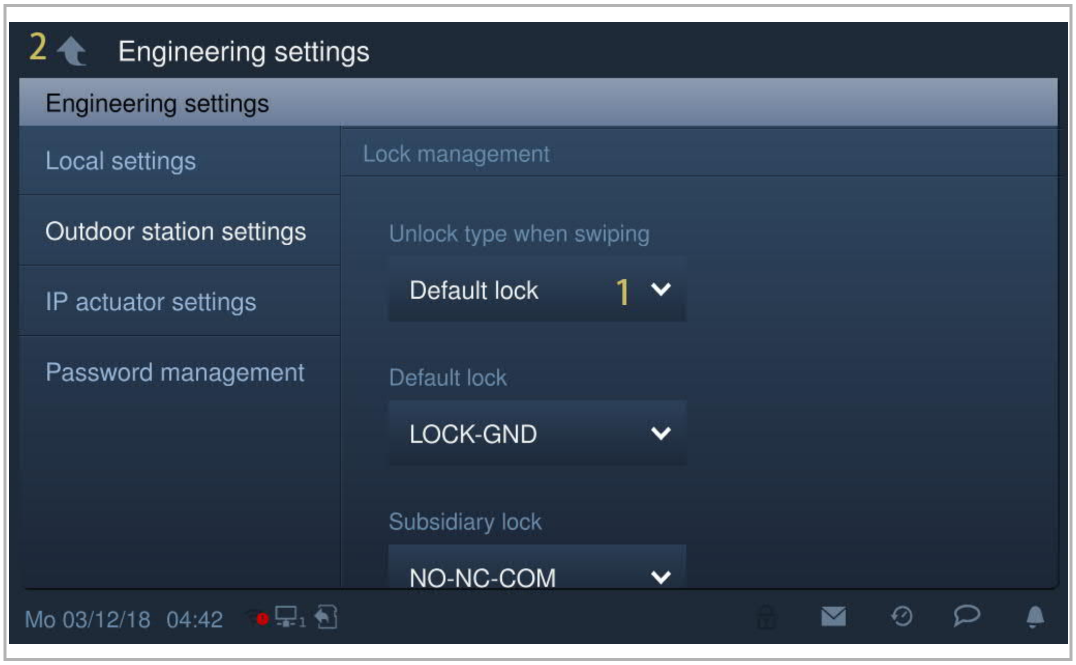
8.9.4 Unlock type when swiping setting

This setting applies to pushbutton outdoor stations with card reader only.

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select unlock type from the drop-down list. It can be set to "Default lock" or "Subsidiary lock".

[2] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Password management
Lock management
1
Mo 03/12/18 04:42

Unlock type when swiping: Default lock

Default lock: LOCK-GND

Subsidiary lock: NO-NC-COM

8.9.5 Default lock setting

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select the lock type from the drop-down list. It can be set to "Lock-GND", "NO-NC-COM" or "IP Actuator".

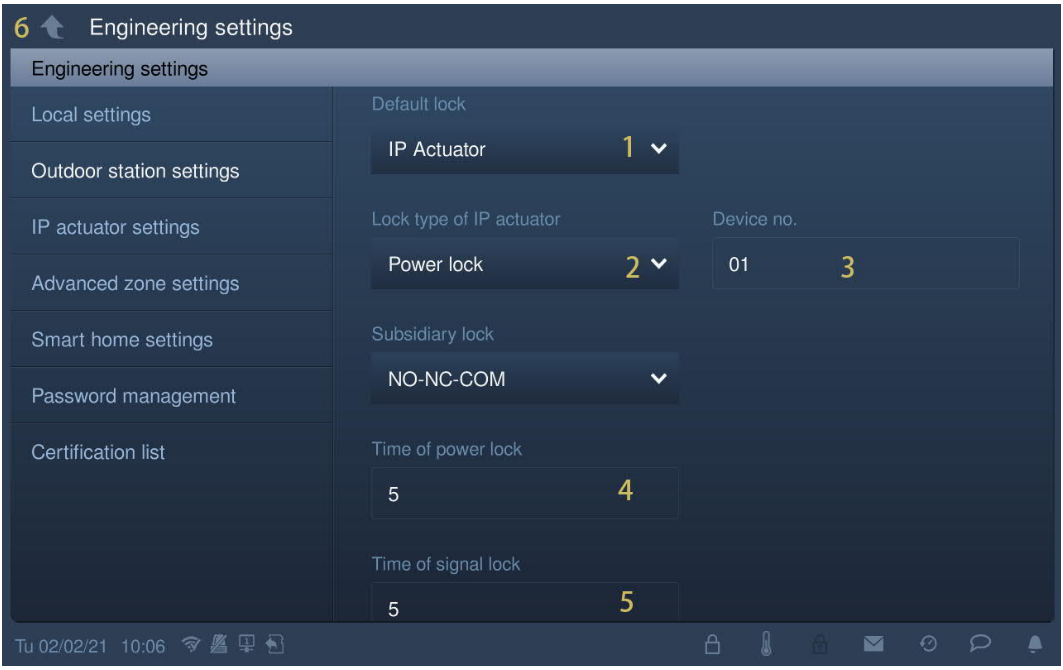
[2] If lock type = "IP actuator", you need to set the lock type from the drop-down list. It can be set to "Power lock" or "Relay lock" (optional).

[3] If lock type = "IP actuator", you need to set the device number of the IP actuator (optional).

[4] Enter the unlock time for the power lock (default 5 seconds).

[5] Enter the unlock time for the signal lock (default 5 seconds).

[6] Tap " " to exit the setting, tap "OK" to save the settings.



6
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
1
2
3
4
5
Tu 02/02/21 10:06

Default lock: IP Actuator

Lock type of IP actuator: Power lock

Device no.: 01

Subsidiary lock: NO-NC-COM

Time of power lock: 5

Time of signal lock: 5

8.9.6 Subsidiary lock setting

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select lock type from the drop-down list. It can be set to "Lock-GND", "NO-NC-COM" or "IP Actuator".

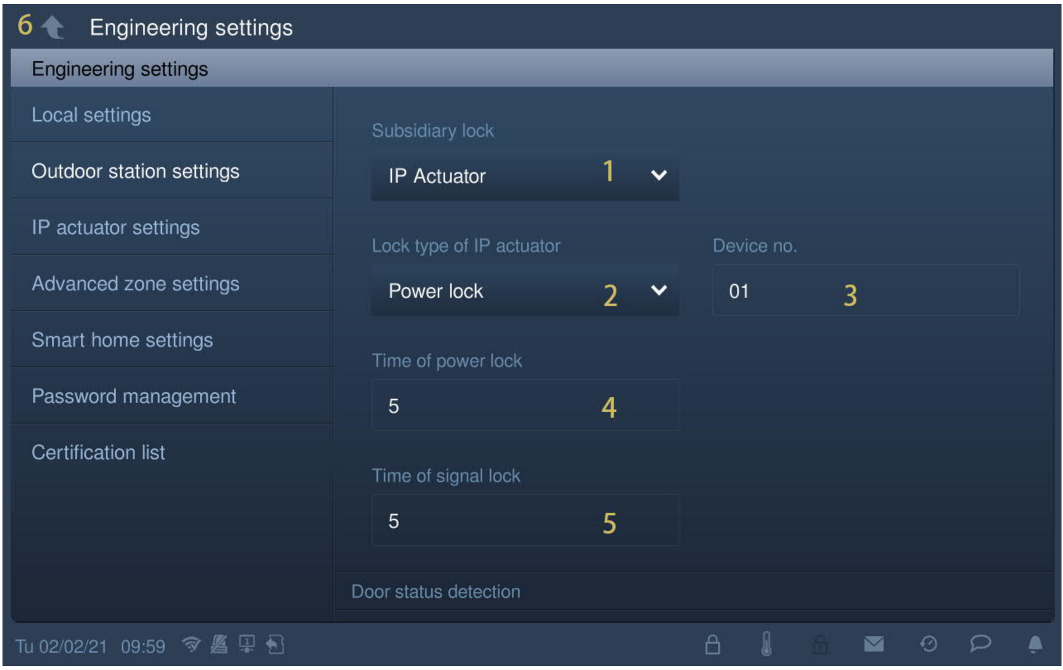
[2] If lock type = "IP actuator", you need to set the lock type from the drop-down list. It can be set to "Power lock" or "Relay lock" (optional).

[3] If lock type = "IP actuator", you need to set the device number of the IP actuator (optional).

[4] Enter the unlock time for the power lock (default 5 seconds).

[5] Enter the unlock time for the signal lock (default 5 seconds).

[6] Tap "⬆" to exit the setting, tap "OK" to save the settings.


6
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Door status detection
Tu 02/02/21 09:59

Subsidiary lock: IP Actuator 1

Lock type of IP actuator: Power lock 2

Device no.: 01 3

Time of power lock: 5 4

Time of signal lock: 5 5

8.9.7 Door status detection setting

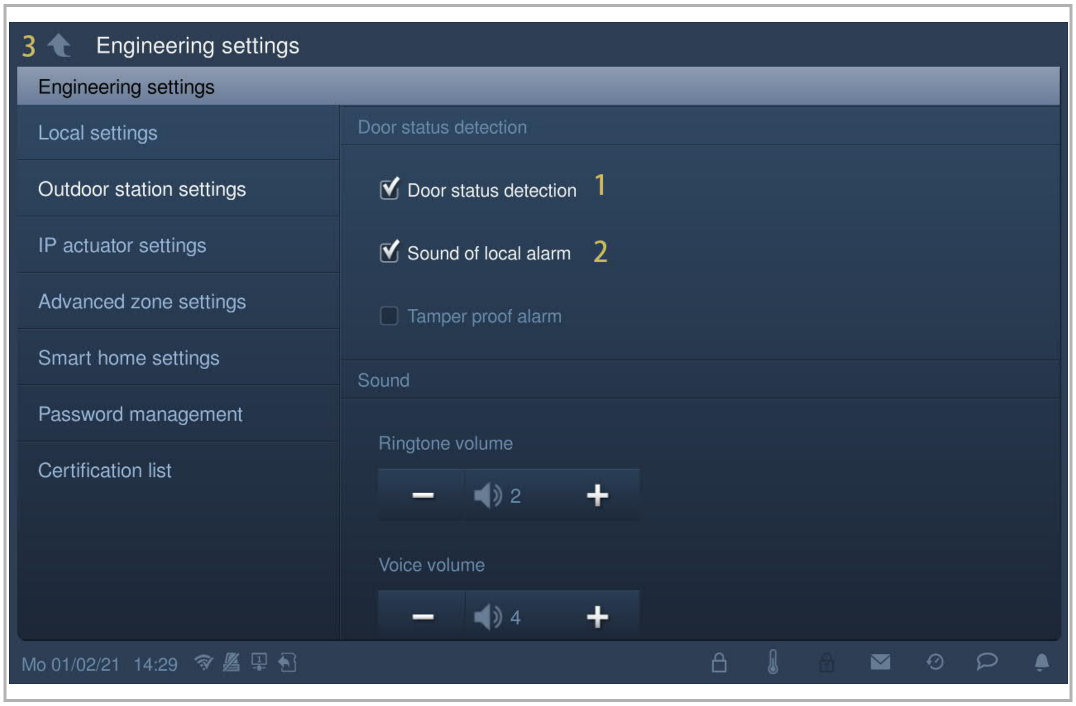
If this function is enabled, the IP touch will send an alarm to the management software when the door is open longer than 120 s (A sensor should first be connected to the outdoor station).

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select the check box "Door status detection" to enable the function.

[2] If the function "Sound of local alarm" is enabled, the IP touch also sounds an alarm locally.

[3] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.


3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Door status detection
Sound
Mo 01/02/21 14:29

☑ Door status detection 1

☑ Sound of local alarm 2

☐ Tamper proof alarm

Ringtone volume: 2

Voice volume: 4

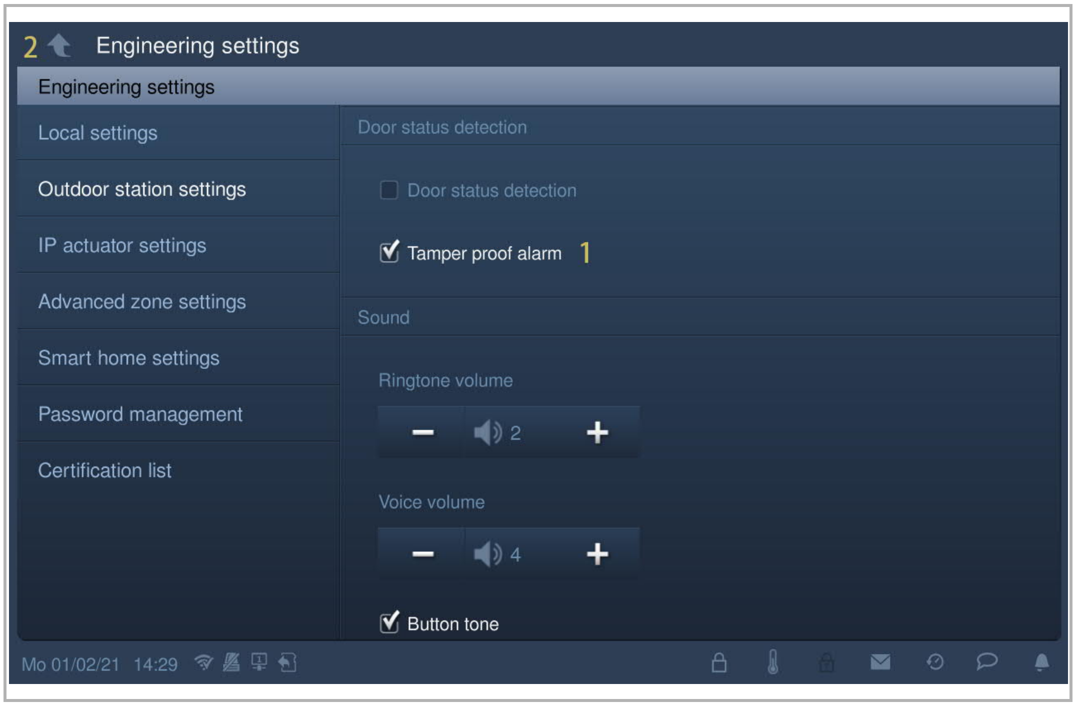
8.9.8 Tamper proof alarm setting

If this function is enabled, the IP touch will send an alarm to the management software if the outdoor station is removed from the wall.

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select the check box "Tamper proof alarm" to enable the function.

[2] Tap " 🏠 " to exit the setting, tap "OK" to save the settings.


2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Door status detection
Sound
Ringtone volume
Voice volume
Mo 01/02/21 14:29
1

☐ Door status detection

☑ Tamper proof alarm

Ringtone volume: 2

Voice volume: 4

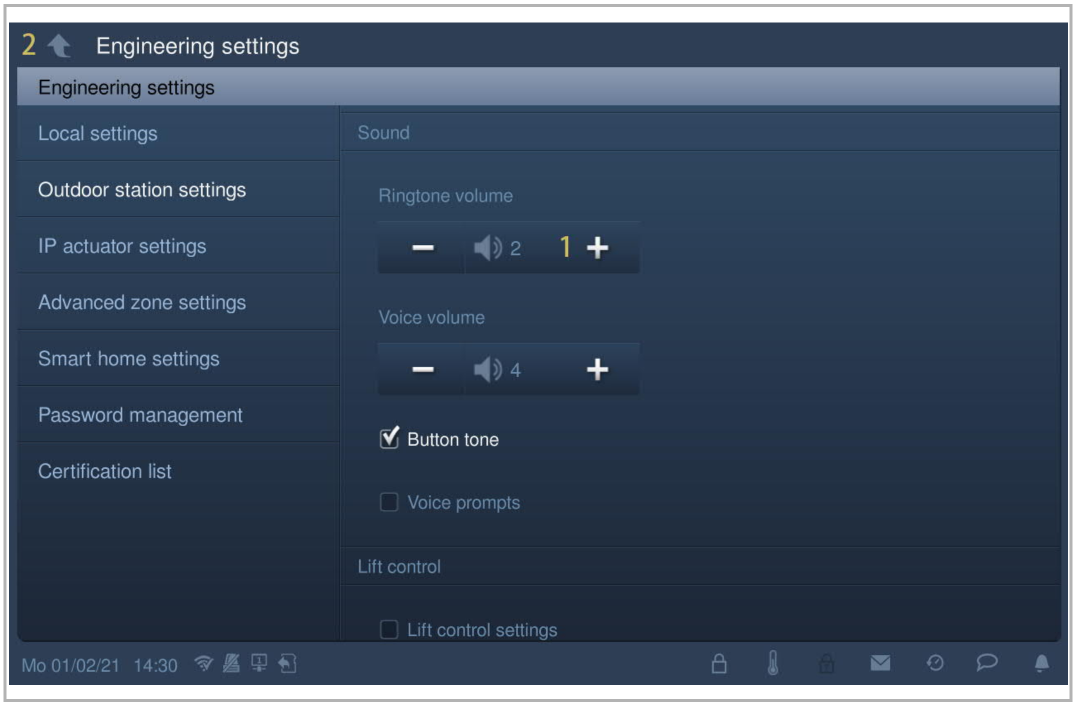
☑ Button tone

8.9.9 Ringtone volume setting

Please follow the steps below:

[1] On the "Outdoor station settings" screen, tap "+" or "-" to adjust the ringtone volume.

[2] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.



2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Sound
Lift control
Mo 01/02/21 14:30

Ringtone volume: − 2 1 +

Voice volume: − 4 +

☑ Button tone

☐ Voice prompts

☐ Lift control settings

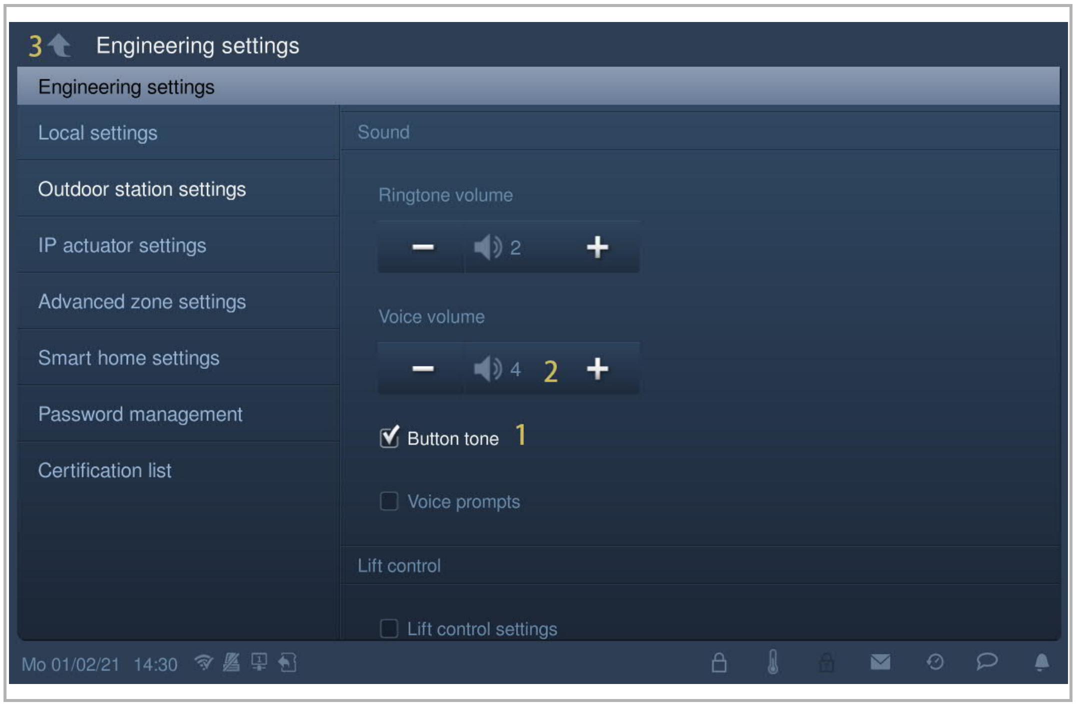
8.9.10 Button tone setting

Please follow the steps below:

[1] On the "Outdoor station settings" screen, tick the check box "Button tone" to enable the function.

[2] Tap "+" or "-" to adjust the voice volume.

[3] Tap "⬆" to exit the setting, tap "OK" to save the settings.


3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Sound
Lift control
Mo 01/02/21 14:30
2
1

Ringtone volume: − 2 +

Voice volume: − 4 +

☑ Button tone

☐ Voice prompts

☐ Lift control settings

8.9.11 Voice prompts setting

If this function is enabled, the outdoor station will play the sound for "Call in progress" during the operation.

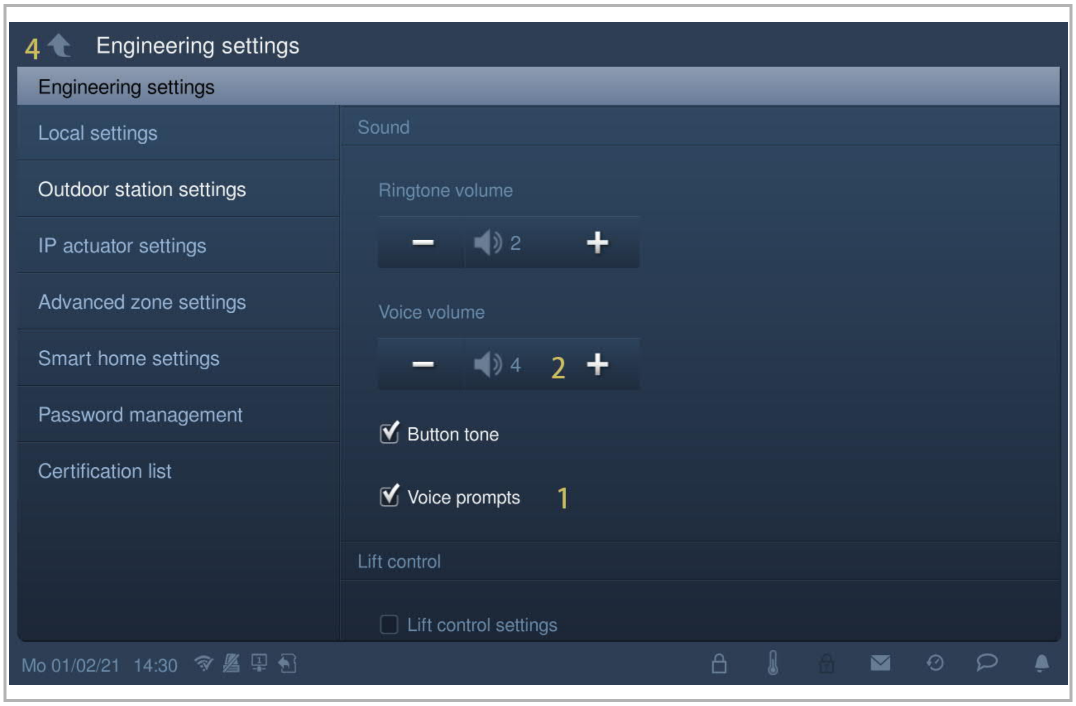
Please follow the steps below:

[1] On the "Outdoor station settings" screen, tick the check box "Voice prompts" to enable the function.

[2] Tap "+" or "-" to adjust the voice volume.

[3] The language of the voice prompt will be the same as the language setting.

[4] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.


4
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Sound
Lift control
2
1
Mo 01/02/21 14:30

Ringtone volume: 2

Voice volume: 4

☑ Button tone

☑ Voice prompts

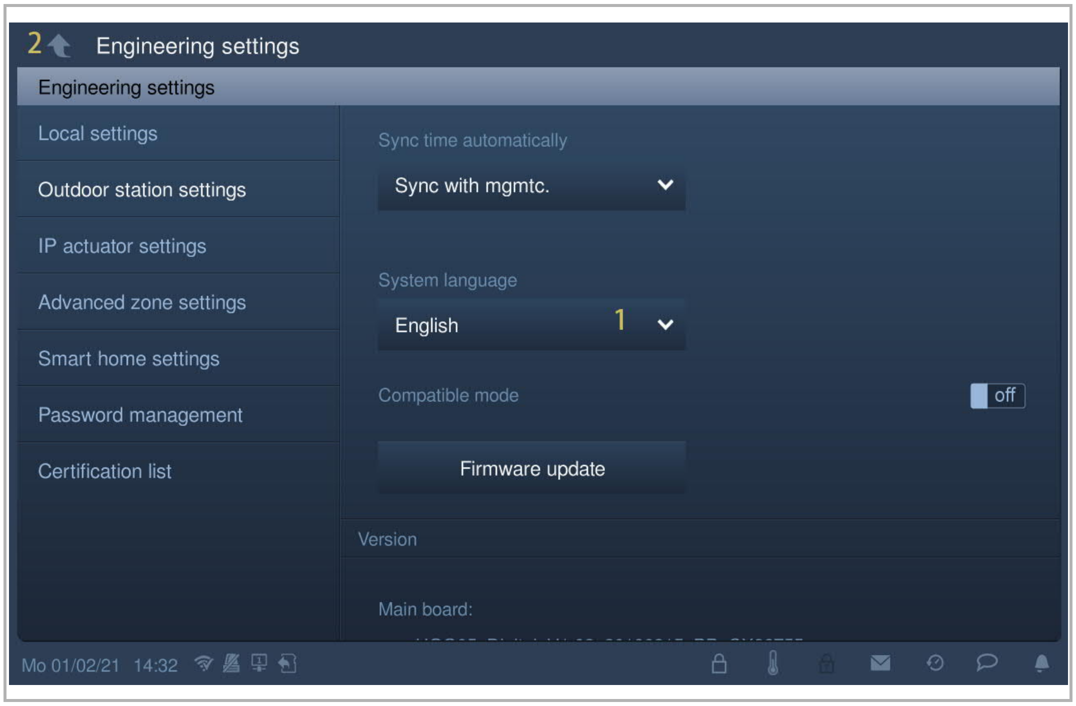
☐ Lift control settings

8.9.12 Language setting

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select a language from the drop-down list.

[2] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
1
Firmware update
Version
Mo 01/02/21 14:32

Sync time automatically: Sync with mgmtc.

System language: English

Compatible mode: off

Main board:

8.9.13 Lift control setting

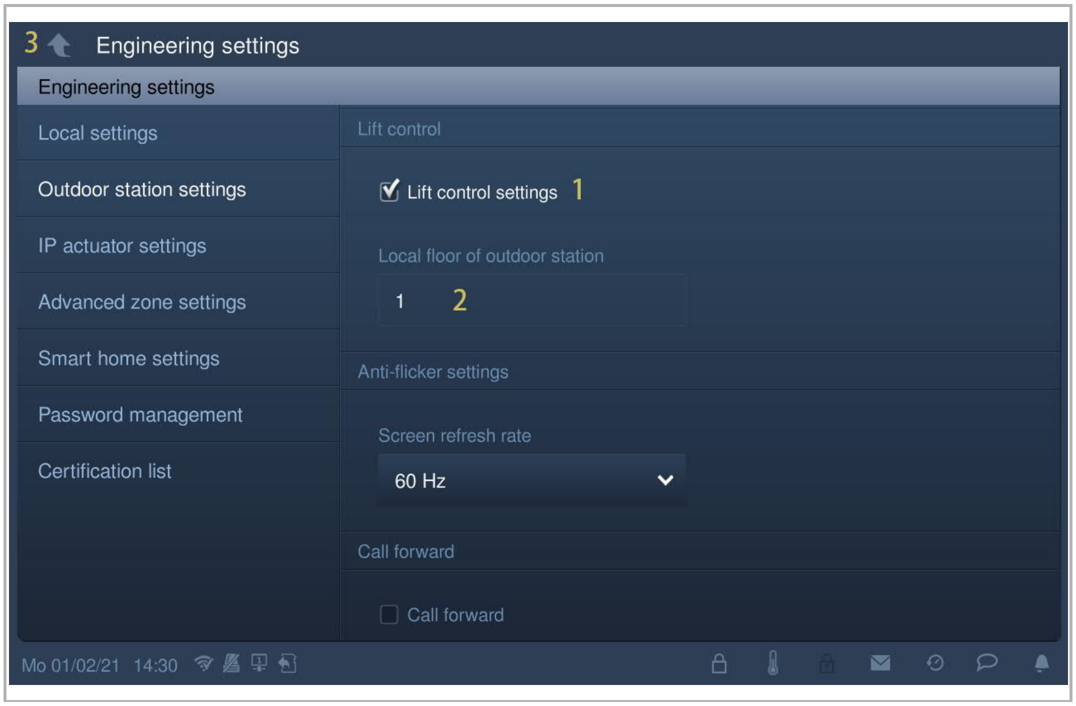
This setting is available when the device type of outdoor station is set to "OS".

Please follow the steps below:

[1] On the "Outdoor station settings" screen, tick the check box "Lift control settings" to enable the function.

[2] Enter the floor number of the local outdoor station (-7…+63).

[3] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Lift control
1
2
Anti-flicker settings
Call forward
Mo 01/02/21 14:30

☑ Lift control settings

Local floor of outdoor station: 1

Screen refresh rate: 60 Hz

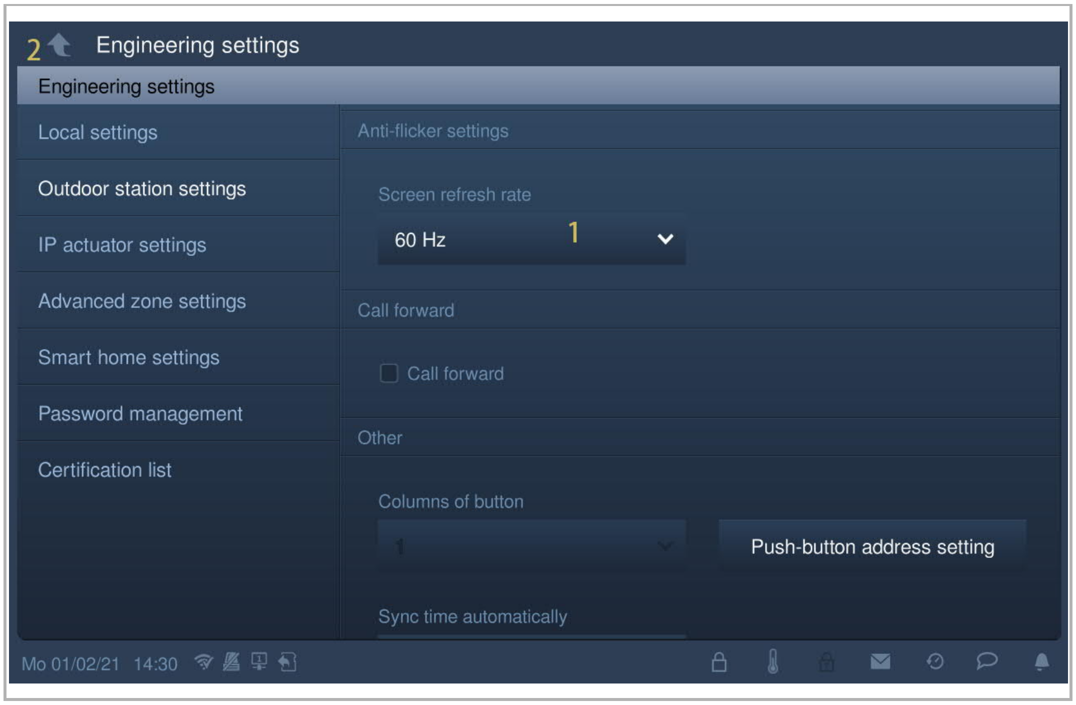
☐ Call forward

8.9.14 Anti-flicker setting

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select the refresh rate from the drop-down list. It can be set to "60 Hz" or "50 Hz".

[2] Tap "⬆" to exit the setting, tap "OK" to save the settings.


2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Anti-flicker settings
1
Call forward
Other
Columns of button
Push-button address setting
Sync time automatically
Mo 01/02/21 14:30

Screen refresh rate: 60 Hz

☐ Call forward

Columns of button: 1

8.9.15 Call forward setting

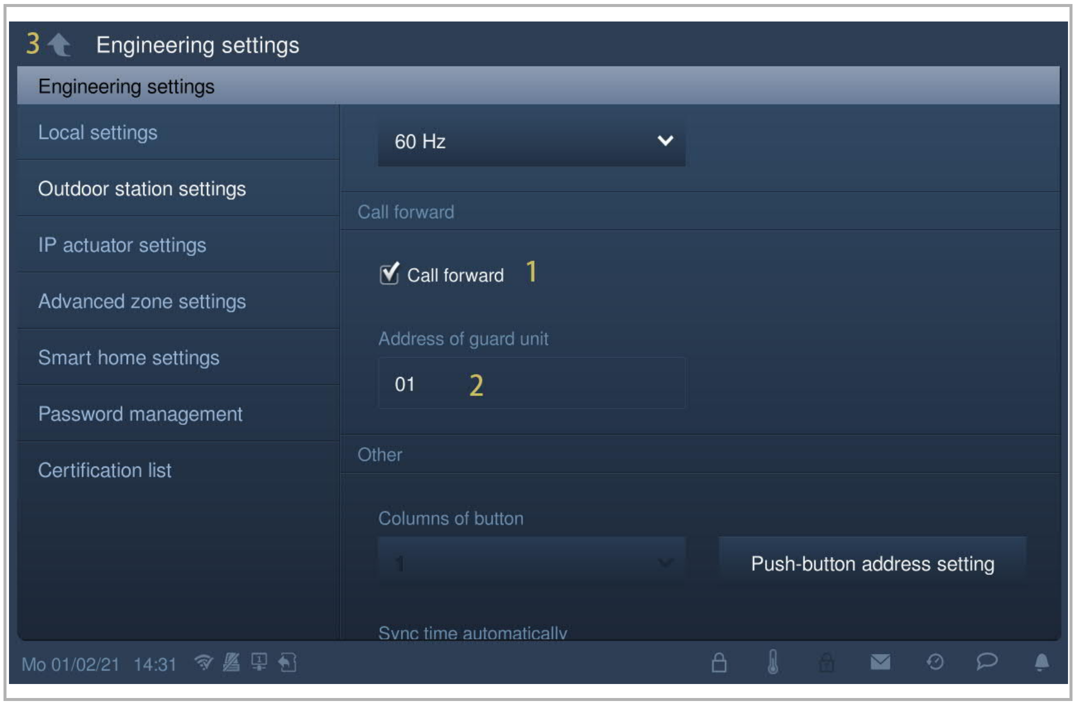
This setting is available when the device type of outdoor station is set to "OS" or "GS". If this function is enabled, each incoming call from this outdoor station will be transferred to the designated guard unit.

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select the check box "Call forward" to enable the function.

[2] Enter the address of the designated guard unit (1…32).

[3] Tap "⬆" to exit the setting, tap "OK" to save the settings.



60 Hz

Call forward

☑ Call forward

Address of guard unit

01

3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
1
2
Other
Columns of button
1
Push-button address setting
Sync time automatically
Mo 01/02/21 14:31

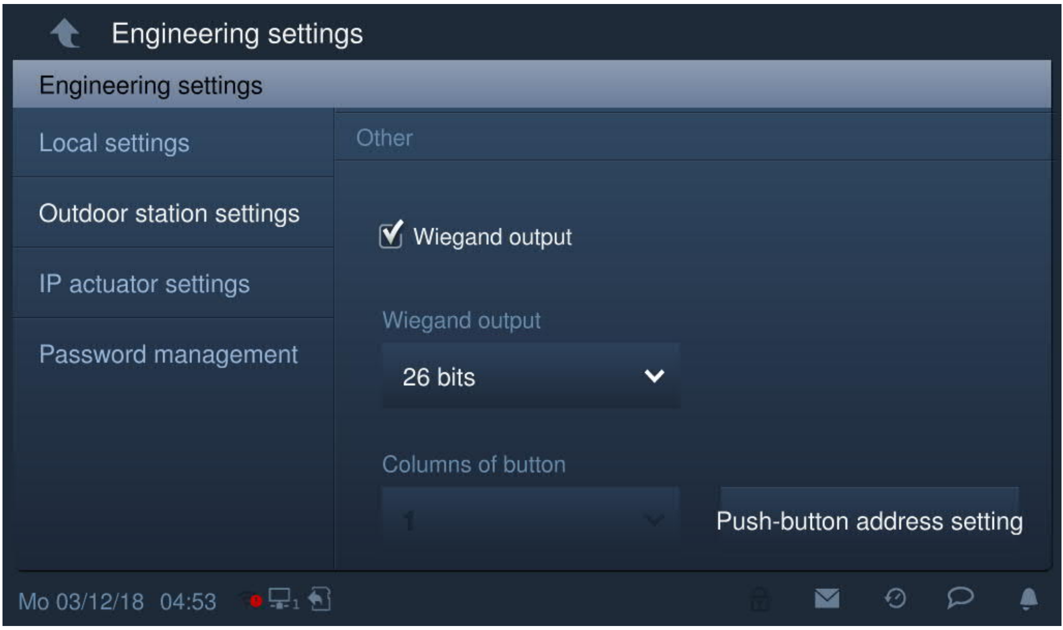
8.9.16 Wiegand setting

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select the check box "Wiegand output" to enable the function.

[2] Select the Wiegand output format from the drop-down list. It can be set to "26 bits" or "34 bits".

[3] Tap "⬆" to exit the setting, tap "OK" to save the settings.



Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Password management
Other

☑ Wiegand output

Wiegand output: 26 bits

Columns of button: 1

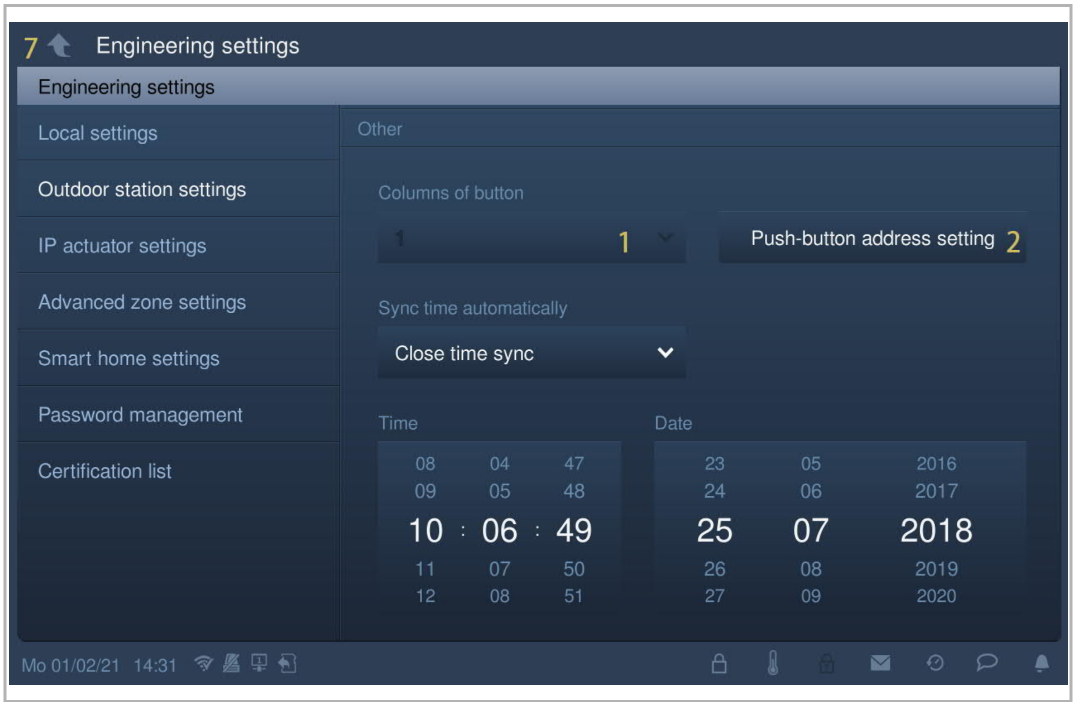
Push-button address setting
Mo 03/12/18 04:53

8.9.17 Push-button setting

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select the columns of button from the drop-down list. This setting is only available when detecting the bar push-button module on the outdoor station. It can be set to "1" or "2" (optional).

[2] Tap "Push-button address setting".



7
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Other
Columns of button
1
1
Push-button address setting
2
Sync time automatically
Close time sync
Time
10 : 06 : 49
Date
25 07 2018
Mo 01/02/21 14:31

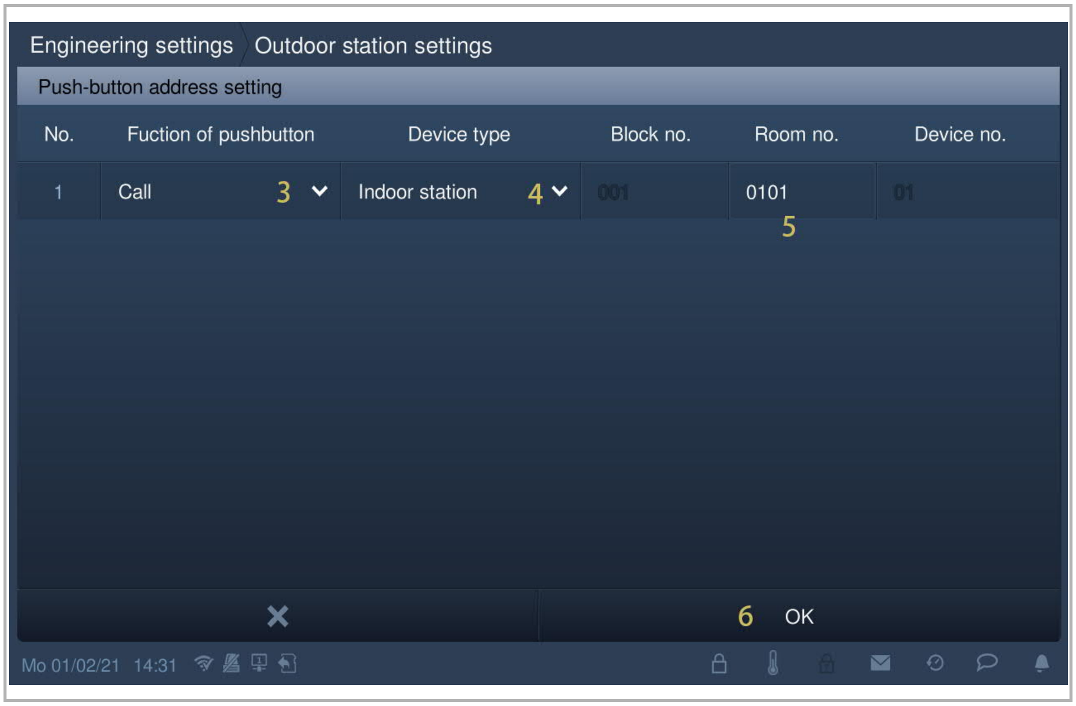
[3] Select the function from the drop-down list. It can be set to "Call", "Turn on the light" or "None".

[4] Select the device type from the drop-down list. It can be set to "Indoor station" or "Phone guard unit".

[5] Enter the address according to the device type.

[6] Tap "OK".

[7] Tap "↩" to exit the setting, tap "OK" to save the settings.



Engineering settings 〉 Outdoor station settings

Push-button address setting

No.	Fuction of pushbutton	Device type	Block no.	Room no.	Device no.
1	Call	Indoor station	001	0101	01

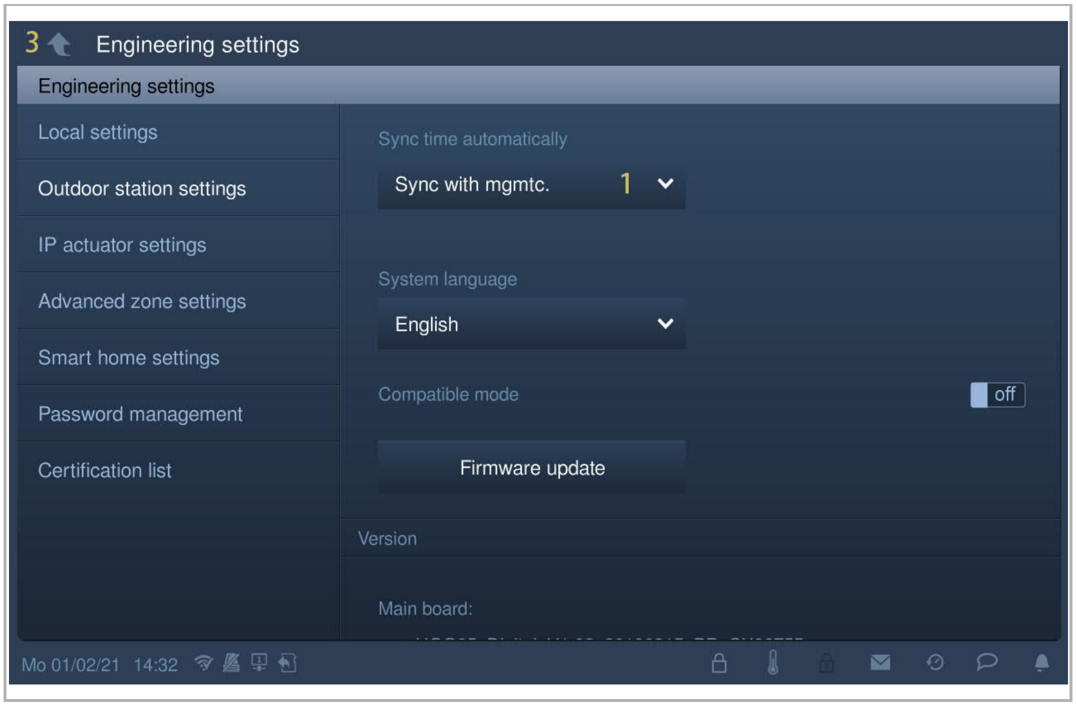
8.9.18 Time sync setting

Please follow the steps below:

[1] On the "Outdoor station settings" screen, select the sync time method from the drop-down list. It can be set to "Sync with mgmtc." or "Close time sync". If "Sync with mgmtc." is selected, the outdoor station will sync the time from the management software.

[2] If "Close time sync" is selected, the time and date need to be set manually (optional).

[3] Tap "⬆" to exit the setting, tap "OK" to save the settings.


3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
1
Firmware update
Version
Main board:
Mo 01/02/21 14:32

Sync time automatically: Sync with mgmtc.

System language: English

Compatible mode: off

8.9.19 Compatible mode setting

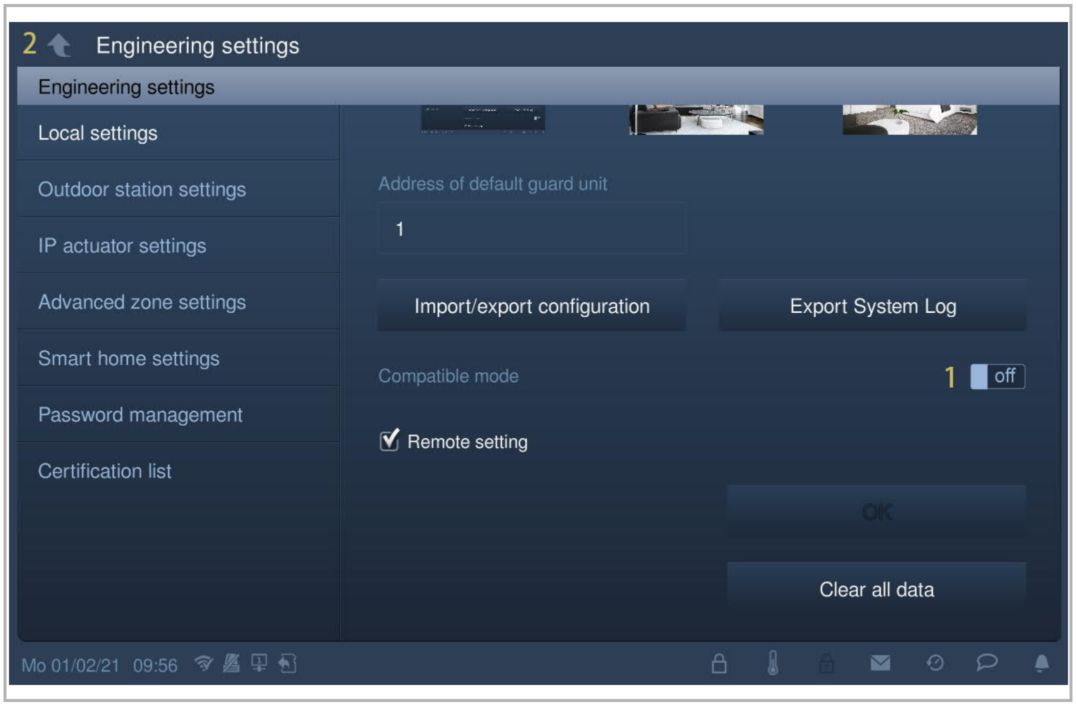
The outdoor station works in security mode to guarantee the high security ("Compatible mode is disabled by default).

It is suggested that compatible mode is only used when the devices need to communicate with previous generation products. In this mode, data transmission between devices is not encrypted, may lead to data leaks and has the risk of being attacked.

Please follow the steps below:

[1] On the "Outdoor station settings" screen, tap the slider "Compatible mode" to switch on/off the function.

[2] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Import/export configuration
Export System Log
1
OK
Clear all data
Mo 01/02/21 09:56

Address of default guard unit

1

Compatible mode off

☑ Remote setting

8.9.20 Updating the firmware

Note

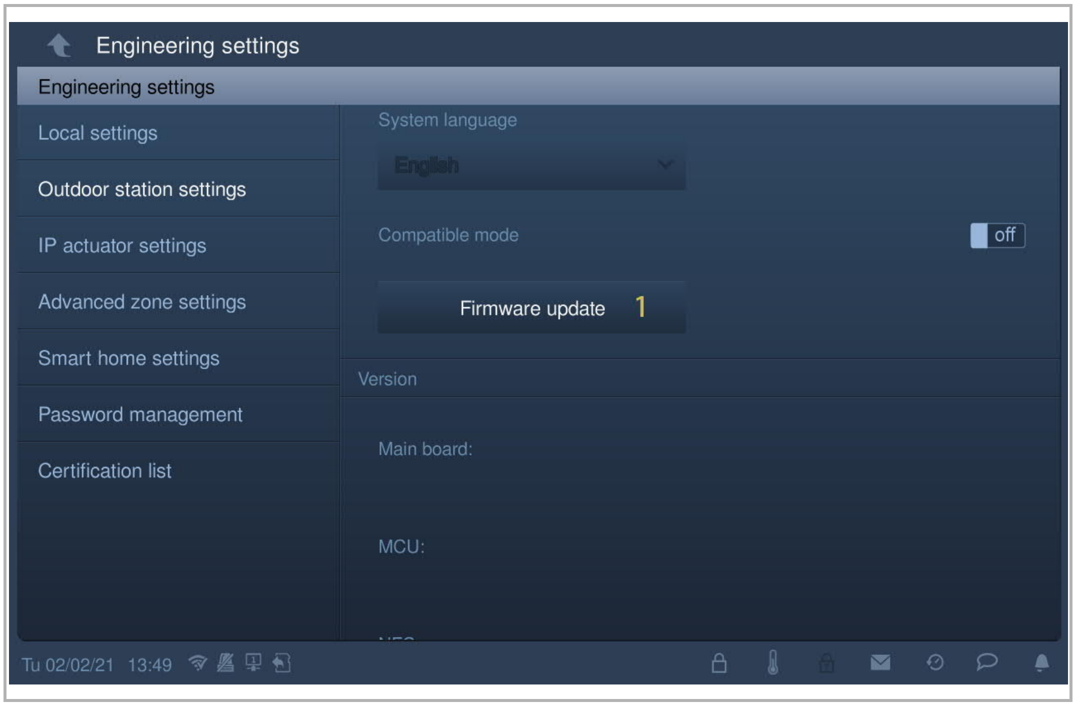
The outdoor station must exit engineering mode before the firmware is upgraded.

If the gate station (device type = GS) needs to update the firmware, a gate station (device ID =1) must be used before updating.

If the building outdoor station (device type = OS) needs to update the firmware, a building outdoor station (device ID =1) must be used before updating.

Please follow the steps below:

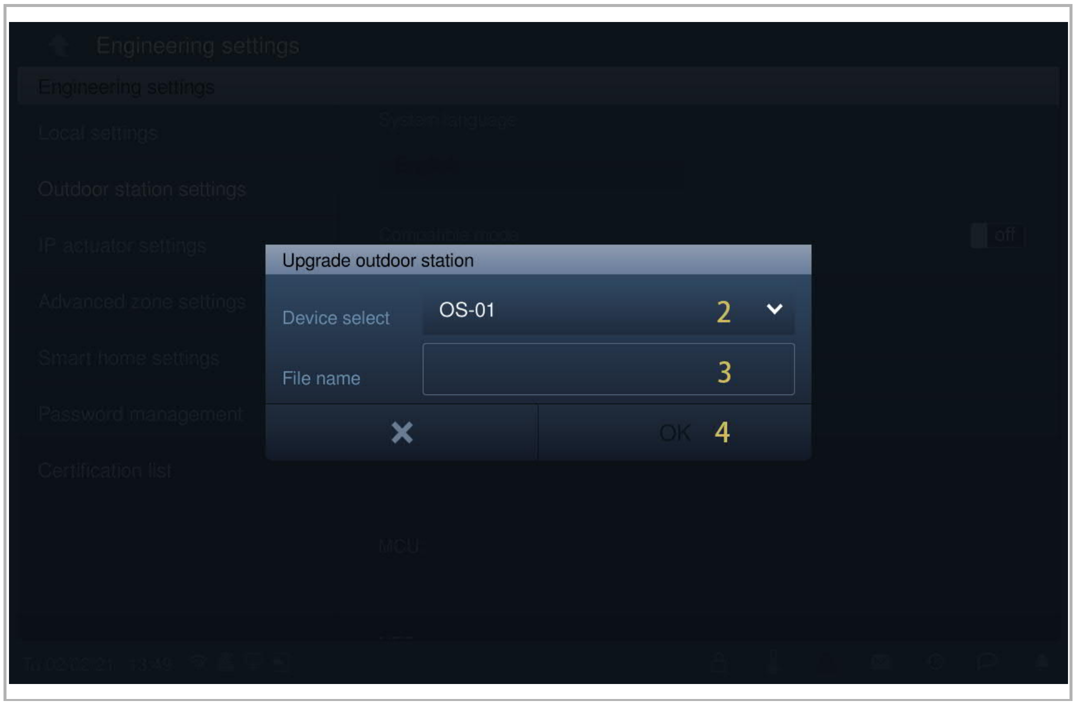
[1] On the "Outdoor station settings" screen, tap "Firmware update".


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
System language
English
Compatible mode
off
Firmware update
1
Version
Main board:
MCU:
Tu 02/02/21 13:49

[2] Select the designated outdoor station from the drop-down list.

[3] Select the upgrade file from the SD card.

[4] Tap "OK" to update the firmware.



Upgrade outdoor station

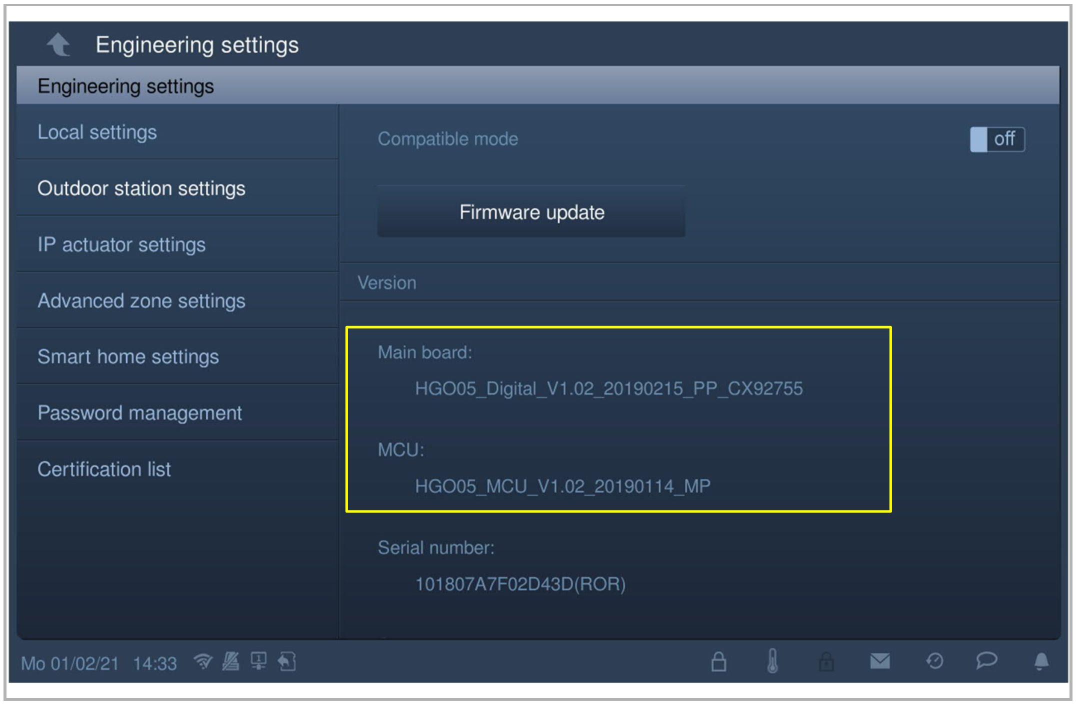
Device select: OS-01

File name:

Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
2
3
OK
4

8.9.21 Viewing the version

On the "Outdoor station settings" screen, view the version information.



Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Compatible mode
off
Firmware update
Version
Mo 01/02/21 14:33

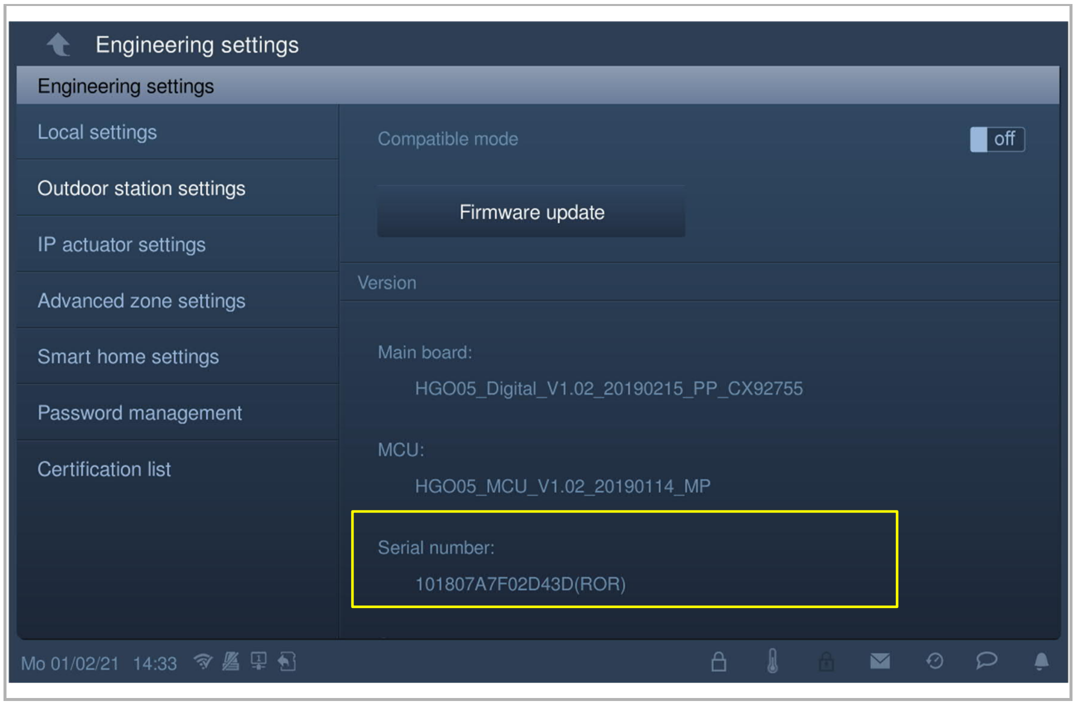
Main board:
HGO05_Digital_V1.02_20190215_PP_CX92755

MCU:
HGO05_MCU_V1.02_20190114_MP

Serial number:
101807A7F02D43D(ROR)

8.9.22 Viewing the serial number

On the "Outdoor station settings" screen, view the serial number.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Firmware update
Version
Mo 01/02/21 14:33

Compatible mode off

Main board:
HGO05_Digital_V1.02_20190215_PP_CX92755

MCU:
HGO05_MCU_V1.02_20190114_MP

Serial number:
101807A7F02D43D(ROR)

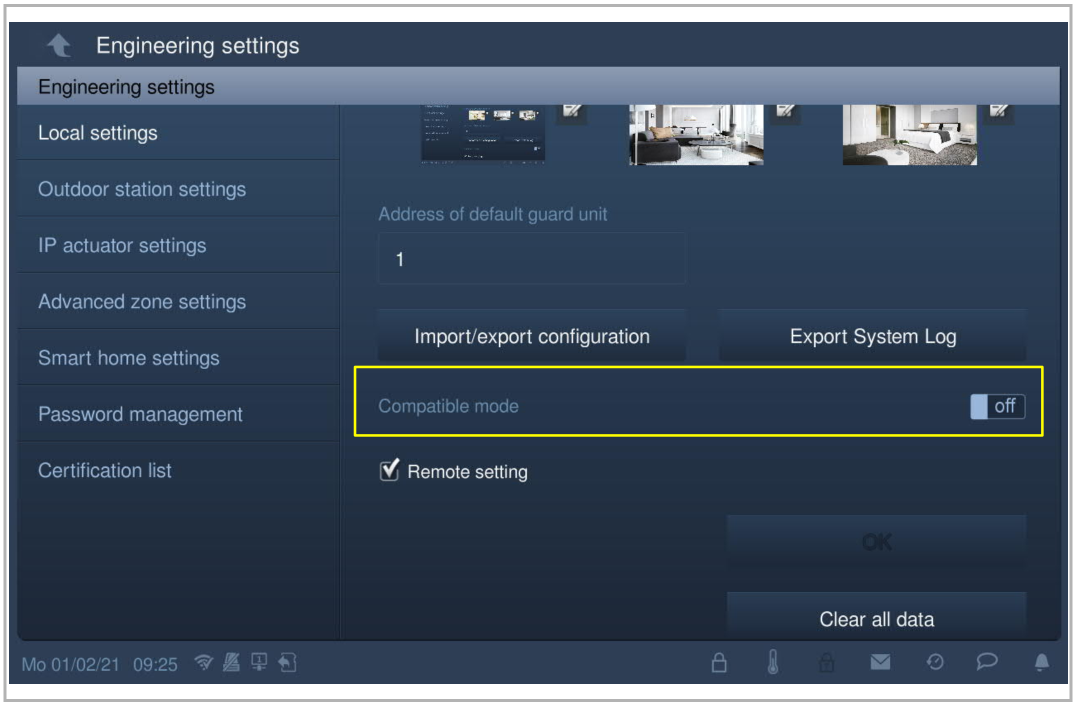
8.10 IP actuator settings

8.10.1 Precondition

Please ensure the follow settings are carried out before use.

[1] "Compatible mode" is disabled

On the IP touch "Engineering settings", "Local settings" screen, "Compatible mode" is disabled.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Address of default guard unit
1
Import/export configuration
Export System Log
Compatible mode
off
☑ Remote setting
OK
Clear all data
Mo 01/02/21 09:25

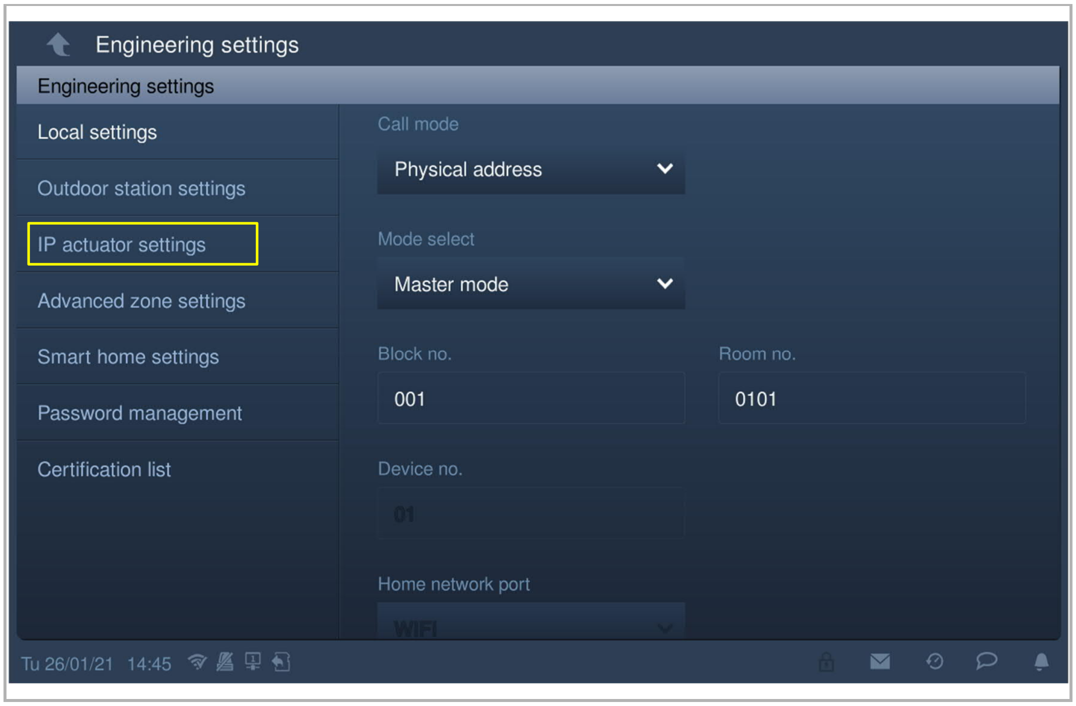
[2] IP actuator enters Engineering mode

Note
The IP actuator must enter engineering mode before use.

Press the reset button of the IP actuator once when it works normally; the LED flashing green means that the IP actuator has entered engineering mode.

8.10.2 Accessing the "IP actuator settings" screen

On the "Engineering settings" screen on the IP touch, tap "IP actuator settings" to access the corresponding screen.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Tu 26/01/21 14:45

Call mode: Physical address

Mode select: Master mode

Block no.: 001

Room no.: 0101

Device no.: 01

Home network port: WIFI

Tip

The IP actuator will exit engineering mode if no operation is carried out for 5 minutes.

8.10.3 Device type setting

On the "IP actuator settings" screen.

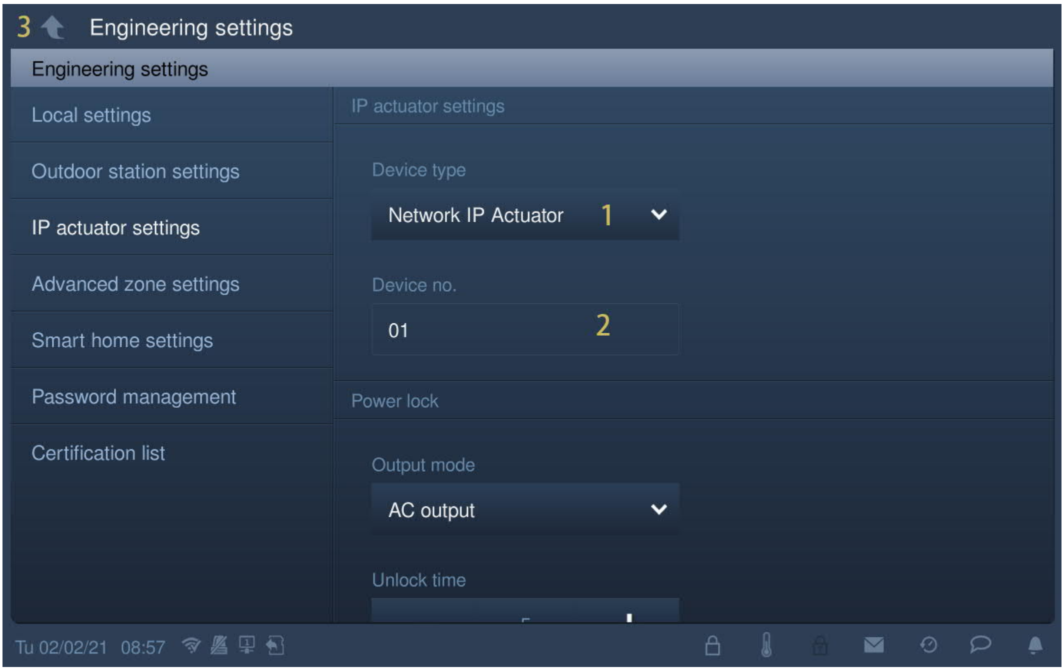
1. Device type = Network IP Actuator

Please follow the steps below:

[1] On the "IP actuator settings" screen, select "Network IP Actuator" from the drop-down list.

[2] Enter the device number (1…32).

[3] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.



3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
IP actuator settings
1
2
Power lock
Unlock time
Tu 02/02/21 08:57

Device type: Network IP Actuator

Device no.: 01

Output mode: AC output

2. Device type = Building IP actuator

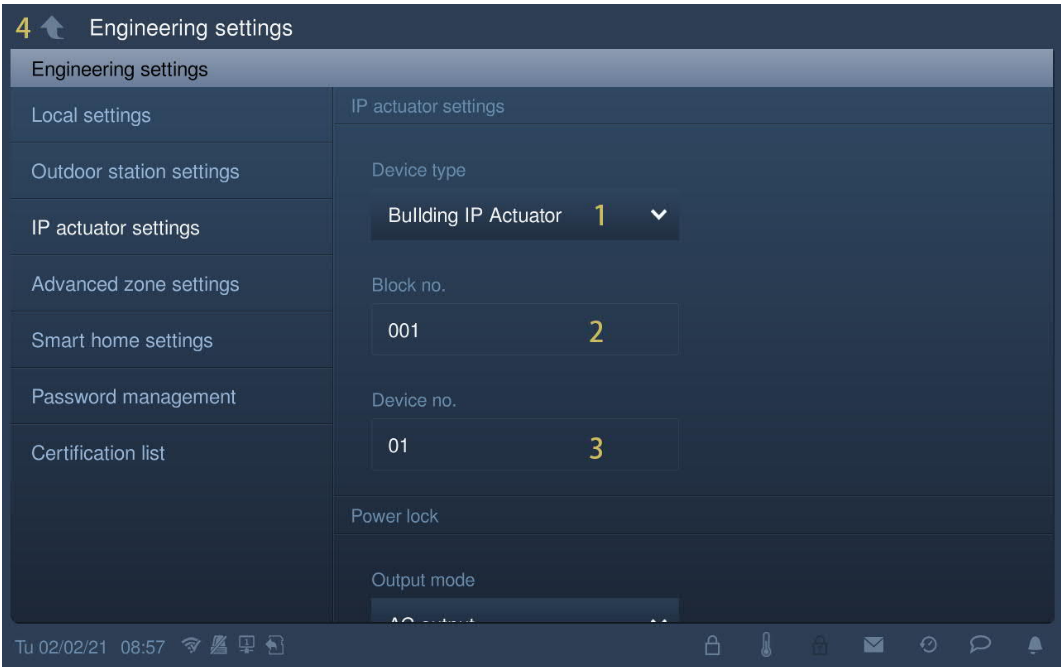
Please follow the steps below:

[1] On the "IP actuator settings" screen, select "Building IP Actuator" from the drop-down list.

[2] Enter the block number (1…999).

[3] Enter the device number (1…32).

[4] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


4
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
IP actuator settings
1
2
3
Power lock
Output mode
Tu 02/02/21 08:57

Device type: Building IP Actuator

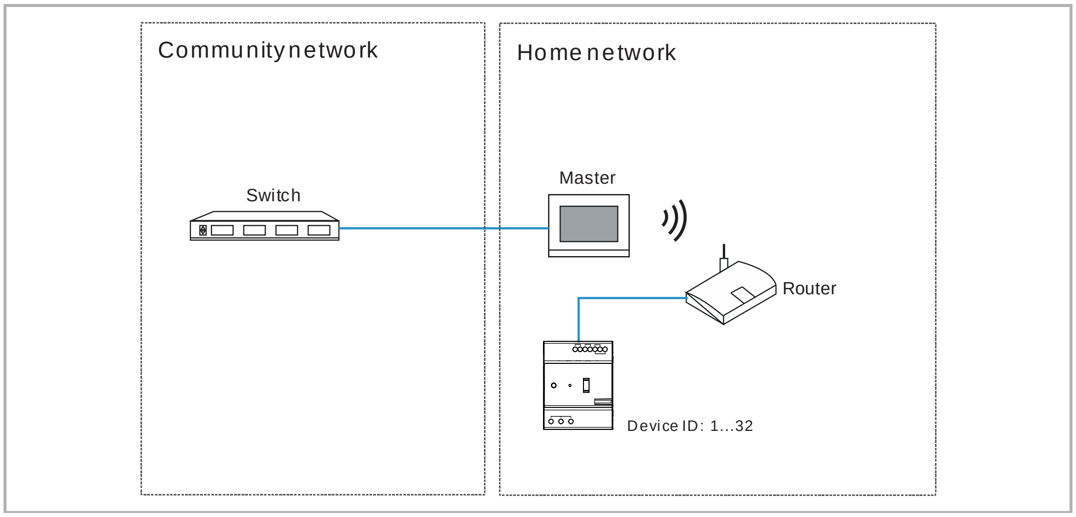
Block no.: 001

Device no.: 01

3. Device type = Private IP Actuator

Location of IP actuator = Internal

In this case, the IP actuator is connected to the router in the apartment (see diagram below).


Community network
Home network
Switch
Master
Router
Device ID: 1...32

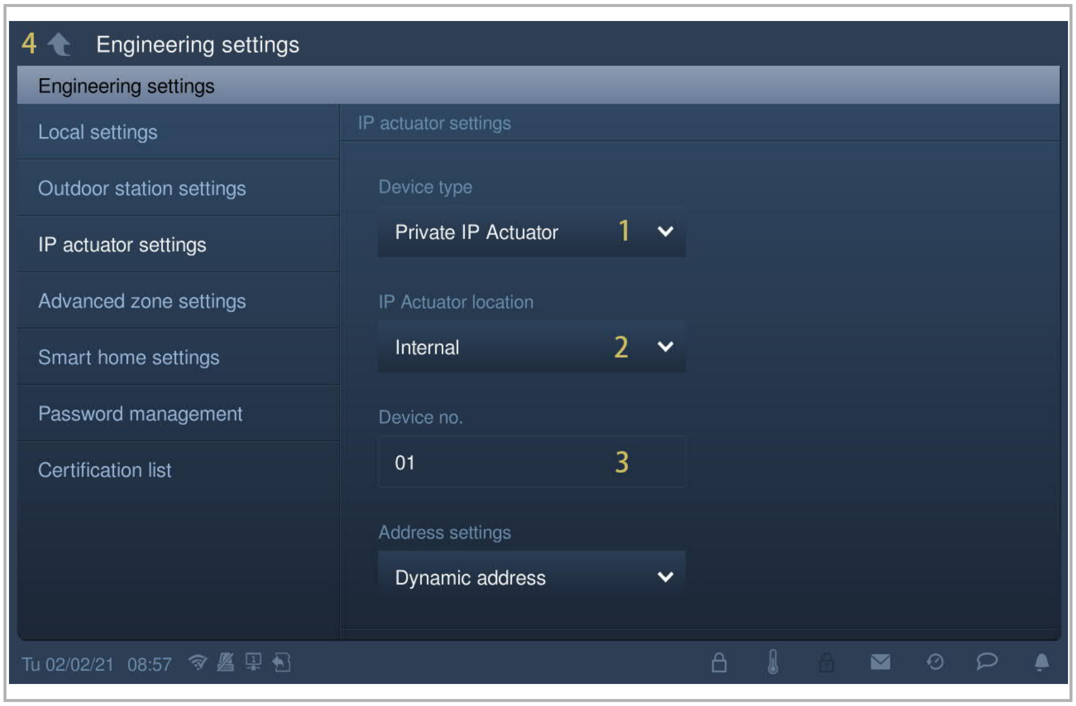
Please follow the steps below:

[1] On the "IP actuator settings" screen, select "Private IP Actuator" from the drop-down list.

[2] Select "Internal" from the drop-down list.

[3] Enter the device number (1…32).

[4] Tap "⇧" to exit the setting, tap "OK" to save the settings.


4
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Tu 02/02/21 08:57

IP actuator settings

Device type: Private IP Actuator 1

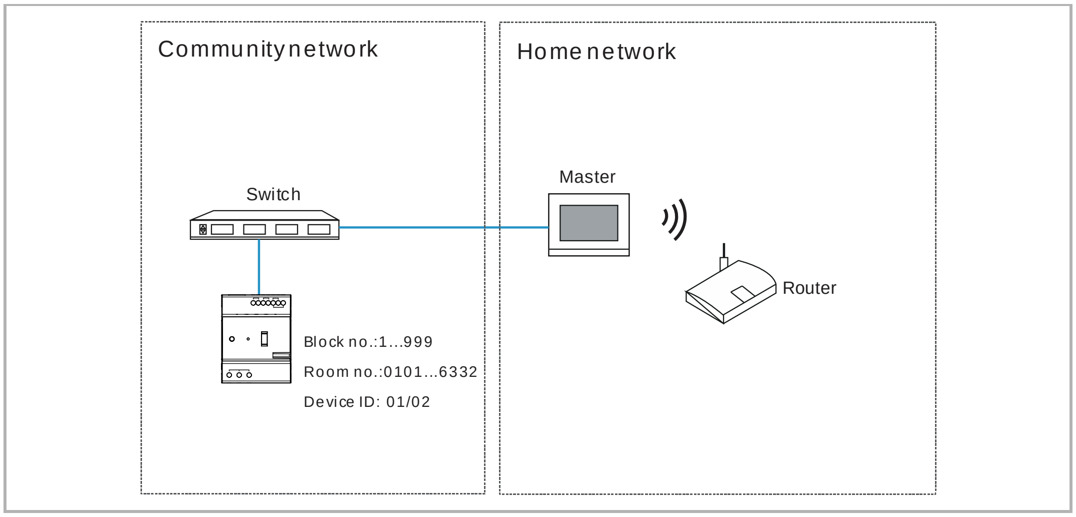
IP Actuator location: Internal 2

Device no.: 01 3

Address settings: Dynamic address

Location of IP actuator = External

In this case, the IP actuator is connected to the switch outside the apartment (see diagram below).


Community network
Home network
Switch
Master
Router
Block no.:1...999
Room no.:0101...6332
Device ID: 01/02

Please follow the steps below:

[1] On the "IP actuator settings" screen, select "Private IP Actuator" from the drop-down list.

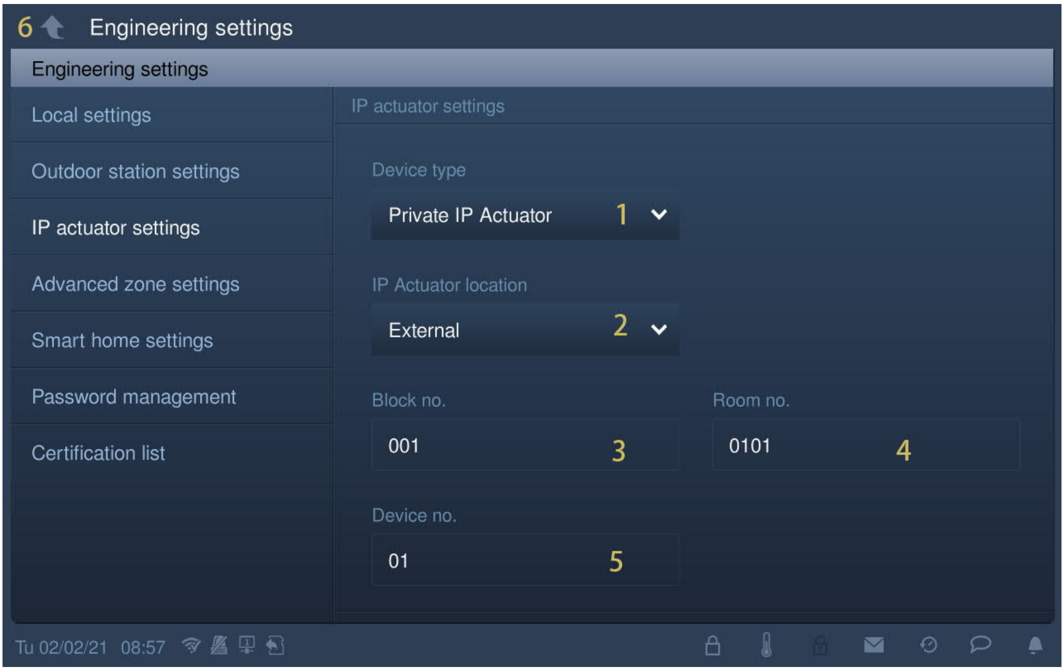
[2] Select "External" from the drop-down list.

[3] Enter the block number (1...999).

[4] Enter the room number (01…63 + 01…32 e.g. 0101).

[5] Enter the device number (1…2).

[6] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


6
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
IP actuator settings
Tu 02/02/21 08:57

Device type: Private IP Actuator 1

IP Actuator location: External 2

Block no.: 001 3

Room no.: 0101 4

Device no.: 01 5

Note

The external and internal types cannot be used in mixed scenarios in the same apartment.

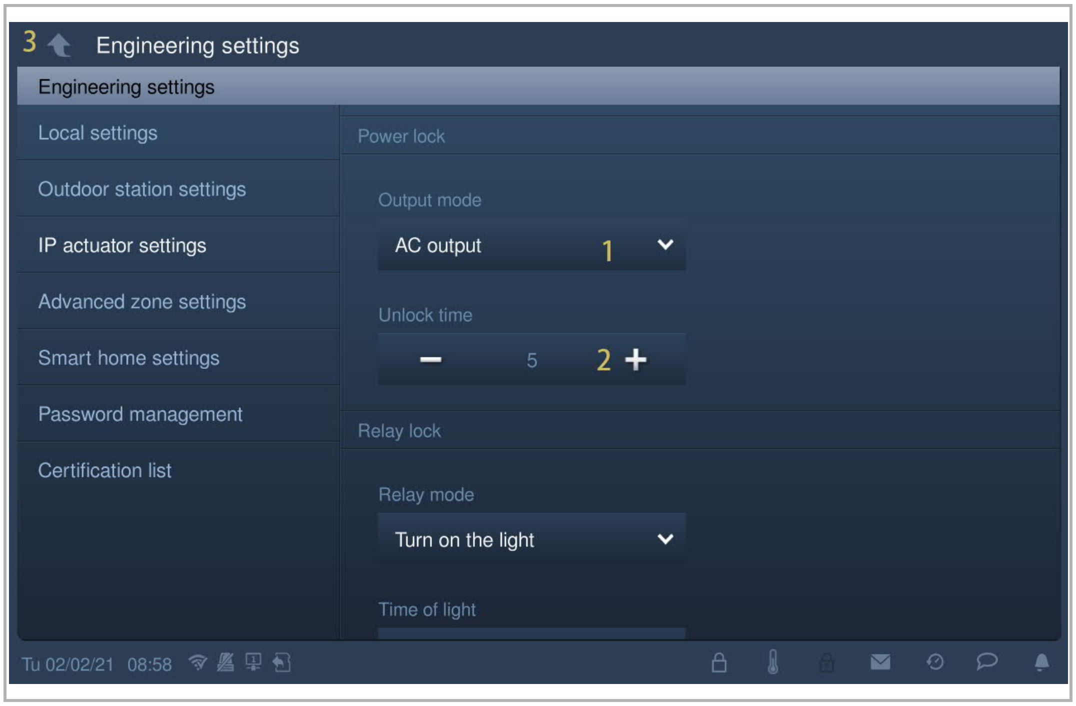
8.10.4 Power lock setting

Please follow the steps below:

[1] On the "IP actuator settings" screen, select output mode from the drop-down list. It can be set to "AC output", "DC output (NC)" or "DC output (NO)".

[2] Enter the unlock time (default 5 seconds).

[3] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.


3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Power lock
Output mode
AC output
1
Unlock time
5
2
Relay lock
Relay mode
Turn on the light
Time of light
Tu 02/02/21 08:58

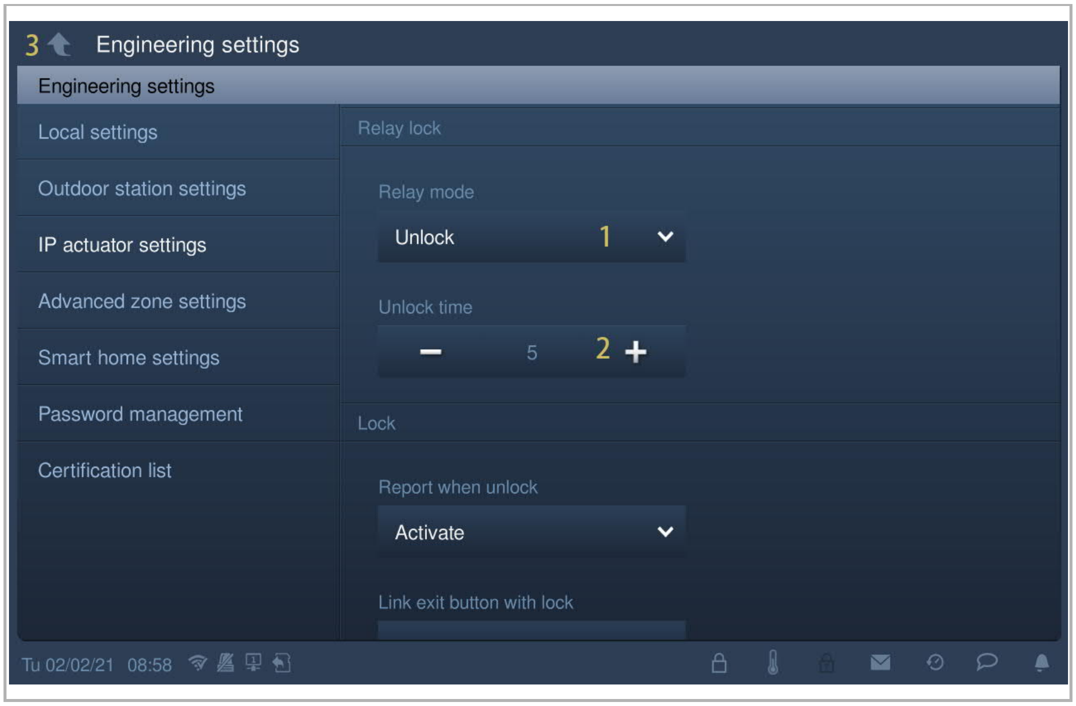
8.10.5 Relay lock setting

Please follow the steps below:

[1] On the "IP actuator settings" screen, select relay mode from the drop-down list. It can be set to "Unlock" or "Turn on the light".

[2] If relay mode = "Unlock", you need to set the unlock time for the IP actuator. If relay mode = "Turn on the light", you need to set the light time for the IP actuator.

[3] Tap " ⬆ " to exit the setting, tap "OK" to save the settings.


3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Relay lock
1
−
2
+
Lock
Link exit button with lock
Tu 02/02/21 08:58

Relay mode: Unlock

Unlock time: 5

Report when unlock: Activate

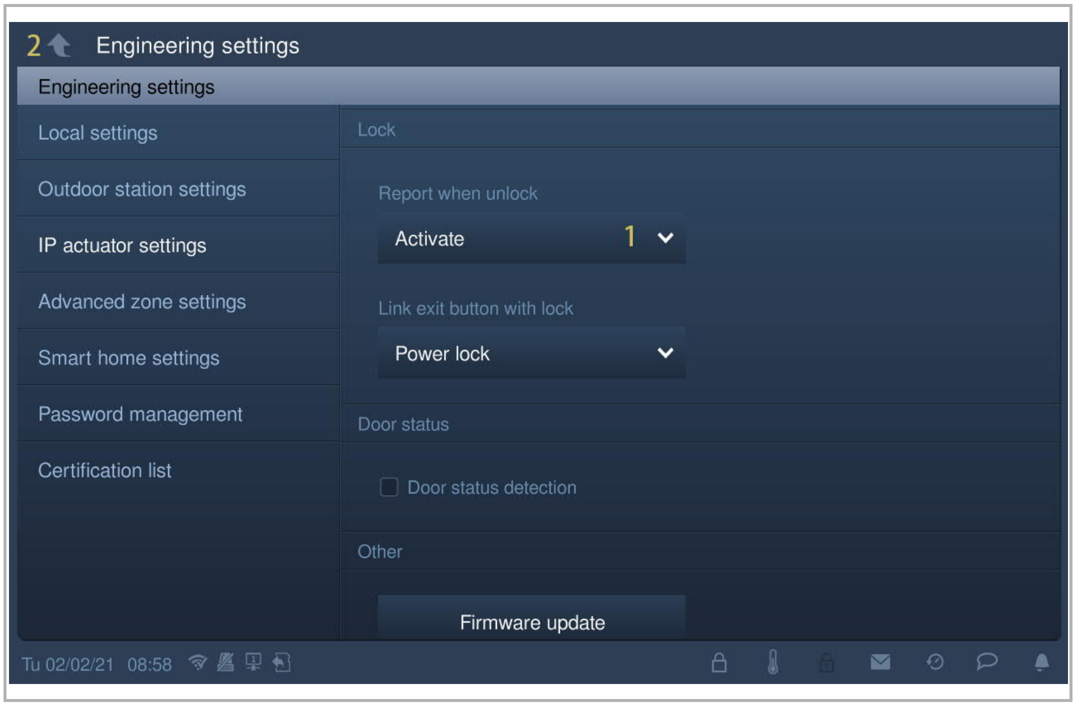
8.10.6 Report when unlock setting

If this function is enabled, each unlock record from the IP actuator will be sent to the management software.

Please follow the steps below:

[1] On the "IP actuator settings" screen, select "Activate" or "Close" from the drop-down list to enable/disable the function.

[2] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.



2 Engineering settings

Engineering settings

Lock

Report when unlock: Activate 1

Link exit button with lock: Power lock

Door status

☐ Door status detection

Other

Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Firmware update
Tu 02/02/21 08:58

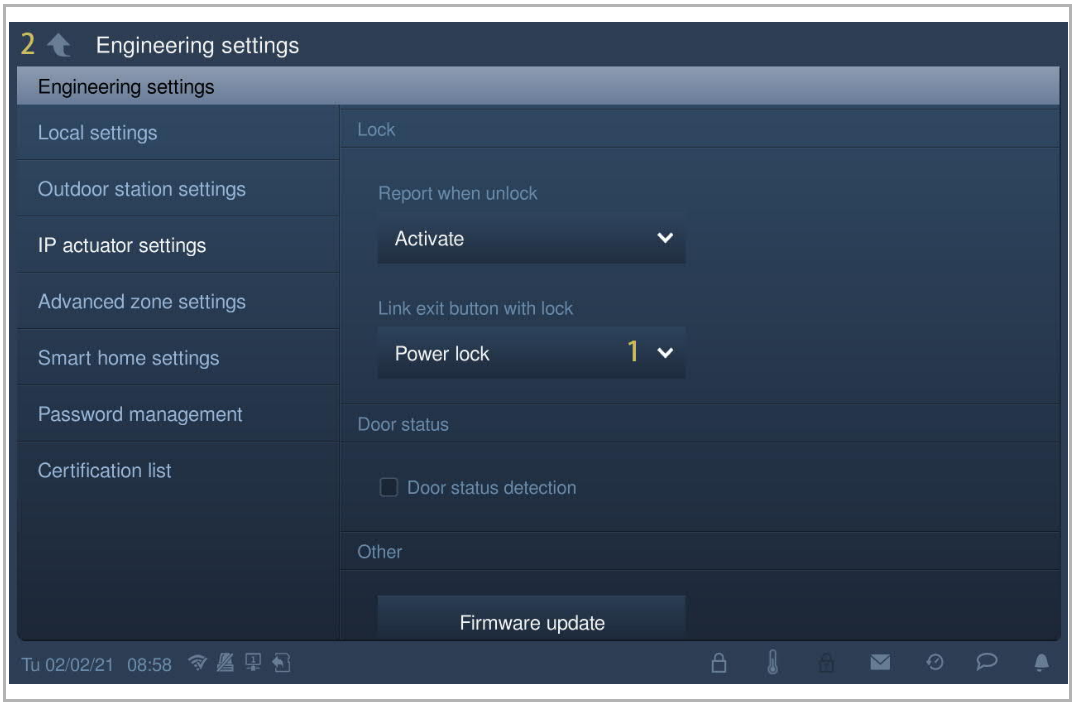
8.10.7 Exit button setting

The exit button can be linked with the designated lock of the IP actuator.

Please follow the steps below:

[1] On the "IP actuator settings" screen, select lock type from the drop-down list. It can be set to "Power lock" or "Relay lock".

[2] Tap " 🡅 " to exit the setting, tap "OK" to save the settings.



Report when unlock: Activate

Link exit button with lock: Power lock

☐ Door status detection

2
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Lock
1
Door status
Other
Firmware update
Tu 02/02/21 08:58

8.10.8 Door status detection setting

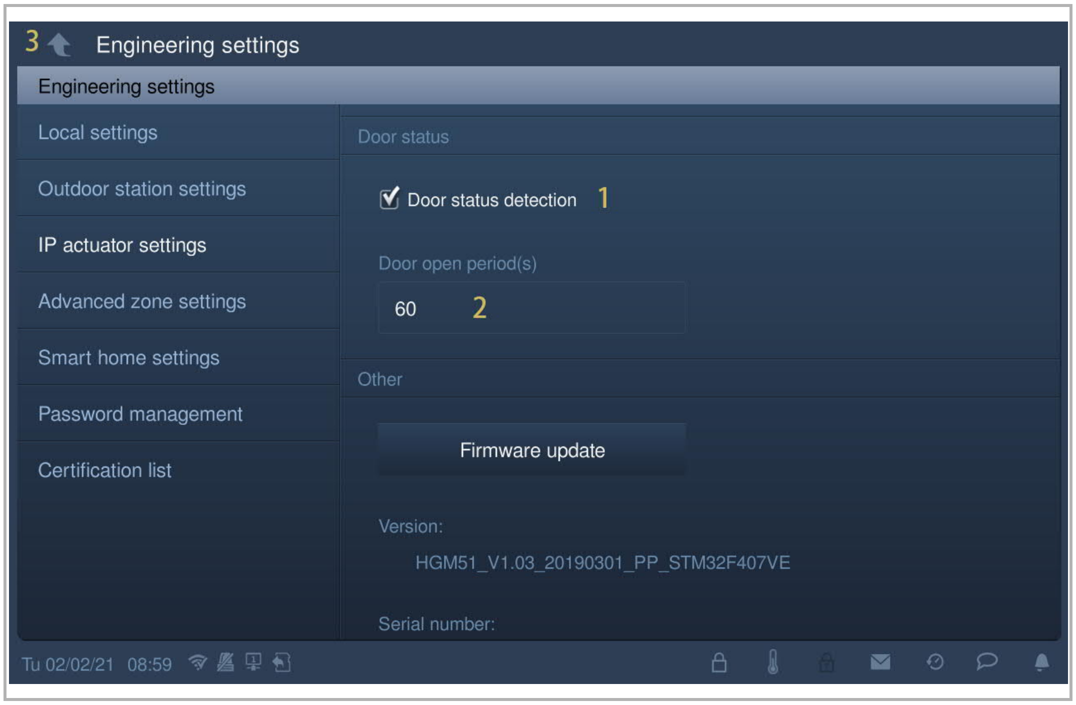
If this function is enabled, when the door is open longer than the setting value, the IP actuator will send an alarm to the management software (a sensor should first be connected to the IP actuator).

Please follow the steps below:

[1] On the "IP actuator settings" screen, tick the check box "Door status detection" to enable the function.

[2] Enter the door open period (1…600 seconds).

[3] Tap " ⇧ " to exit the setting, tap "OK" to save the settings.


3
Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Door status
1
2
Other
Firmware update
Tu 02/02/21 08:59

☑ Door status detection

Door open period(s): 60

Version:
HGM51_V1.03_20190301_PP_STM32F407VE

Serial number:

8.10.9 Updating the firmware

Note

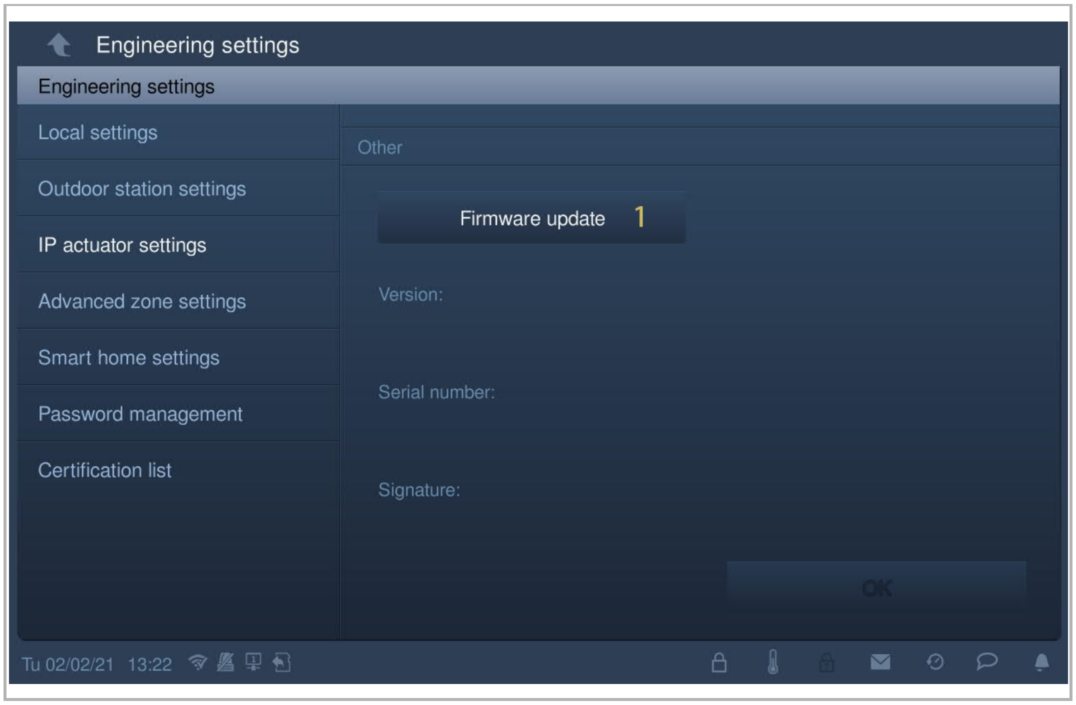
The IP actuator must exit engineering mode before the firmware is upgraded.

If the network IP actuator needs to update the firmware, a gate station (device ID =1) must be used before updating.

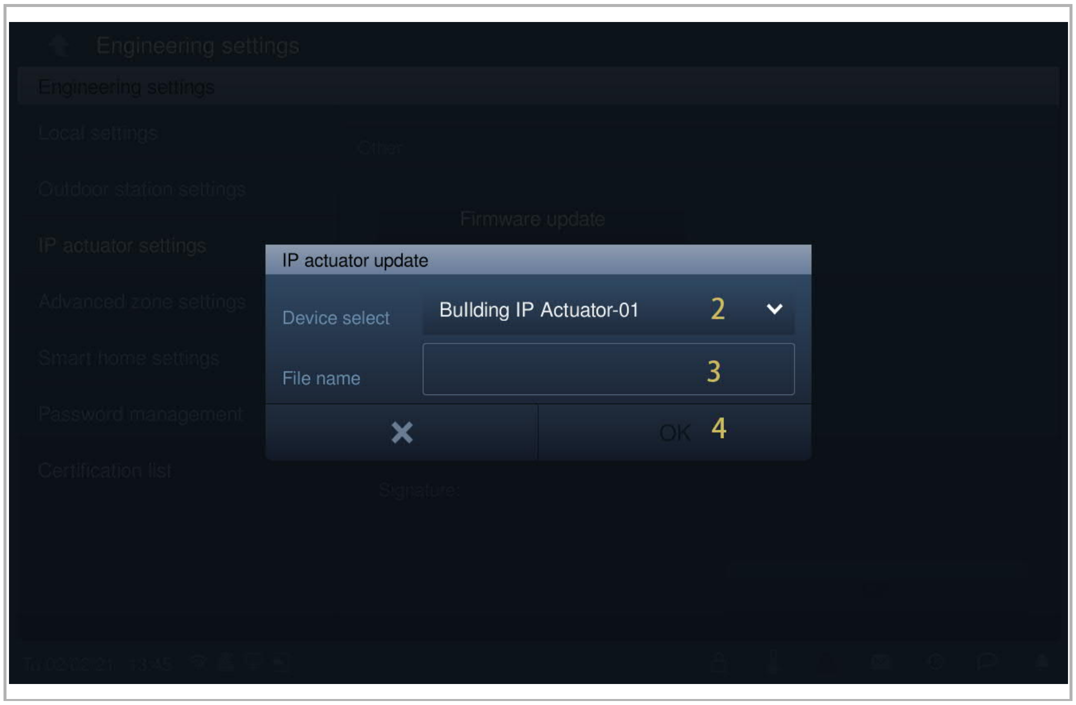
If the building IP actuator needs to update the firmware, a building outdoor station (device ID =1) must be used before updating.

Please follow the steps below:

[1] On the "IP actuator settings" screen, tap "Firmware update".


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Other
Firmware update
1
Version:
Serial number:
Signature:
OK
Tu 02/02/21 13:22

[2] Select the designated IP actuator from the drop-down list.
[3] Select the upgrade file from the SD card.
[4] Tap "OK" to update the firmware.

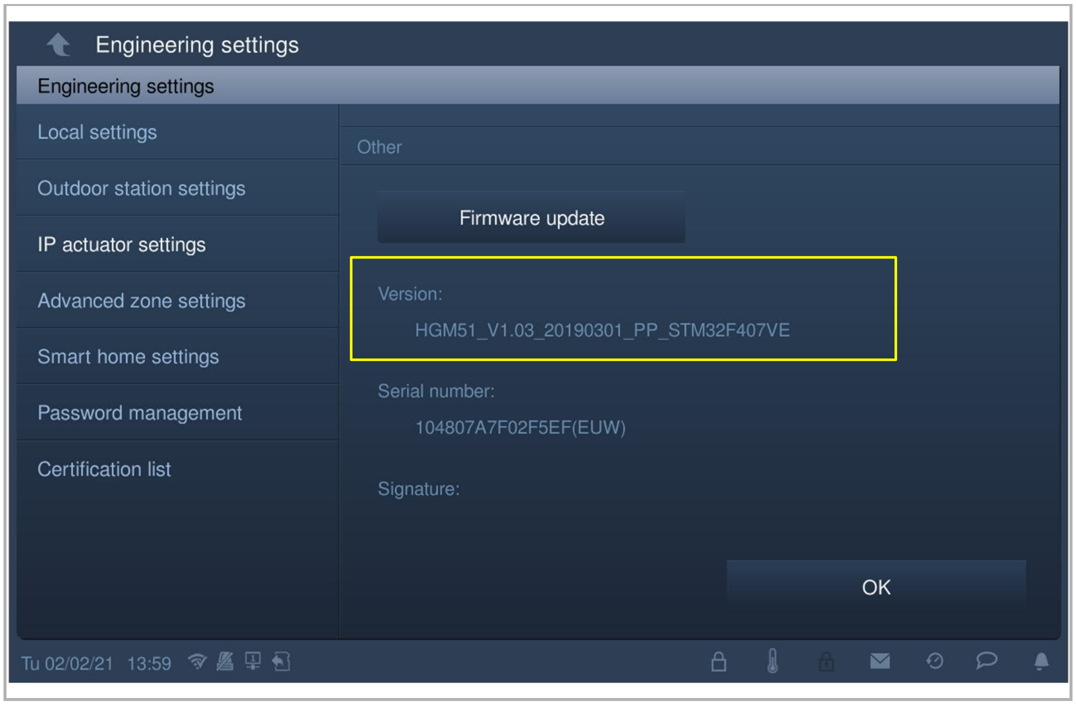

Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Other
Firmware update
Signature:
IP actuator update
2
3
✕
OK
4

Device select: Bullding IP Actuator-01

File name:

8.10.10 Viewing the version

On the "IP actuator settings" screen, view the version information.



Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Other
Firmware update
OK
Tu 02/02/21 13:59

Version:

HGM51_V1.03_20190301_PP_STM32F407VE

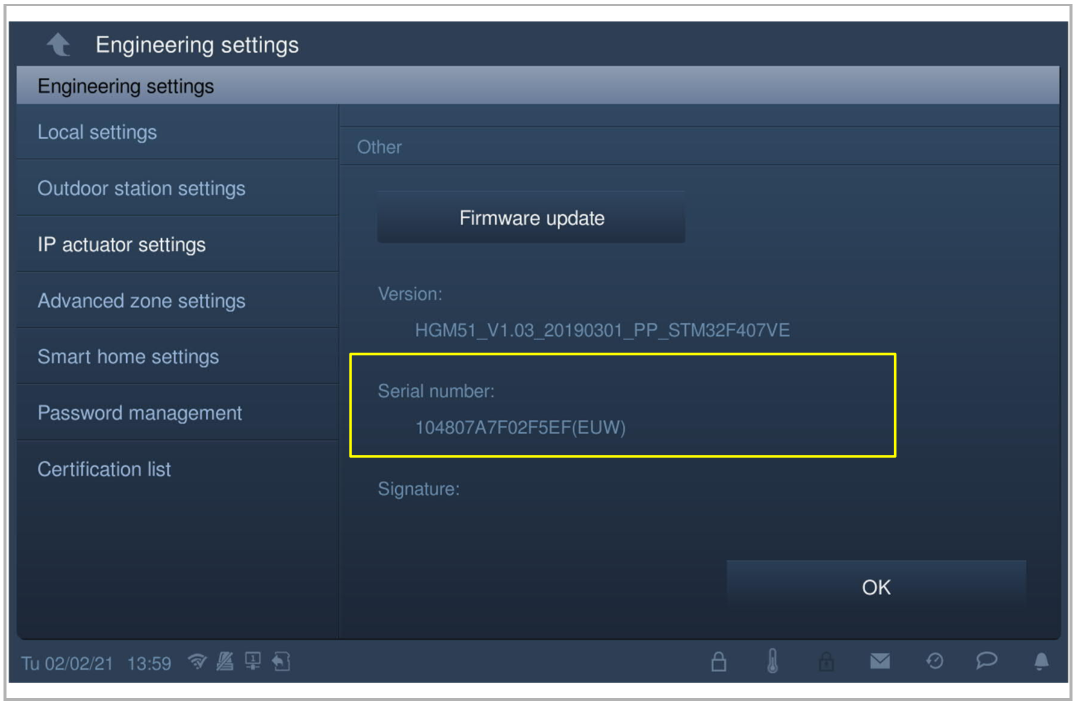
Serial number:

104807A7F02F5EF(EUW)

Signature:

8.10.11 Viewing the serial number

On the "IP actuator settings" screen, view the serial number.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Certification list
Other
Firmware update
OK
Tu 02/02/21 13:59

Version:
HGM51_V1.03_20190301_PP_STM32F407VE

Serial number:
104807A7F02F5EF(EUW)

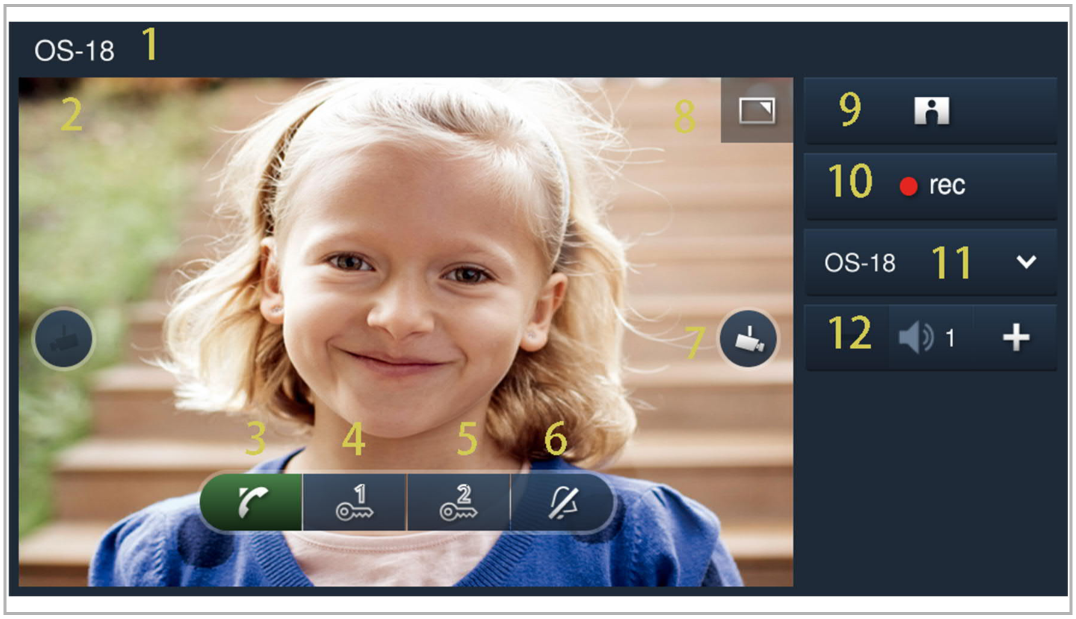
Signature:

9 Operation

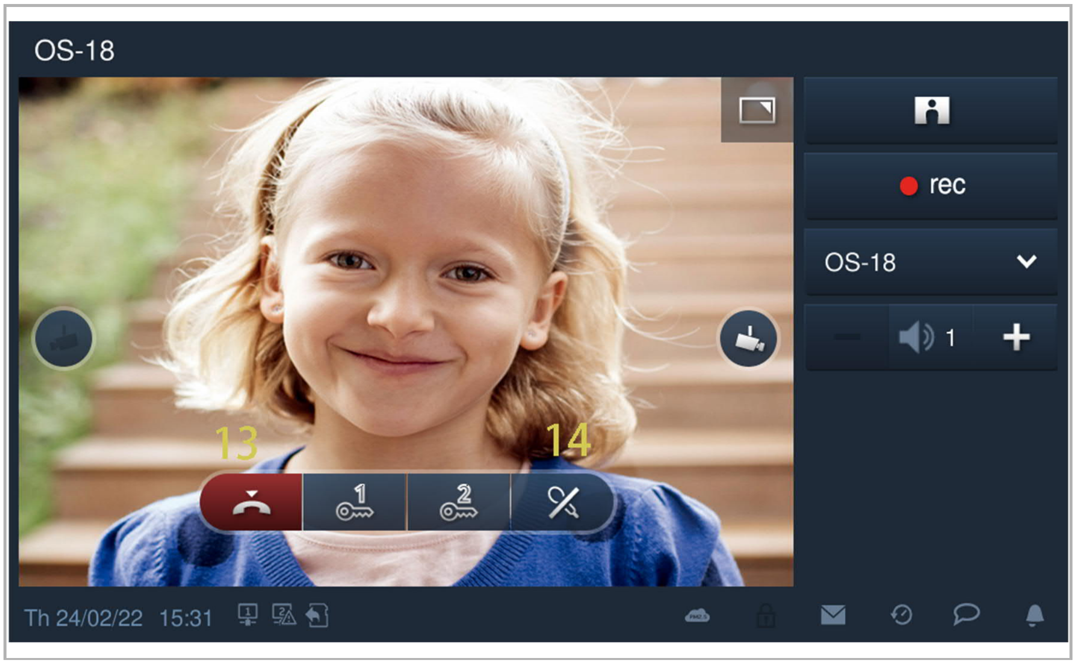
9.1 Incoming call

9.1.1 Call from outdoor stations

The IP touch displays the image as full screen by default. Tap "▣" to switch to normal screen.



No.	Function
1	Caller ID
2	Display the image of the outdoor stations (The countdown will be displayed in the last 9 s).
3	Tap to accept the call.
4	**Release the default lock** Tap to release the default lock on the calling outdoor station.
5	**Program button** Tap to release the subsidiary lock on the calling outdoor station. It can be set to switch on the light.
6	Tap to mute the ringtone on this device.
7	Tap to display the image of the next camera.
8	Tap to switch the image between full screen and normal screen.
9	Tap to take a snapshot manually.
10	Tap to record a video when the SD is inserted.
11	Select the image of the outdoor station or the camera from the drop-down list.
12	Tap "+" or "-" to adjust the volume.

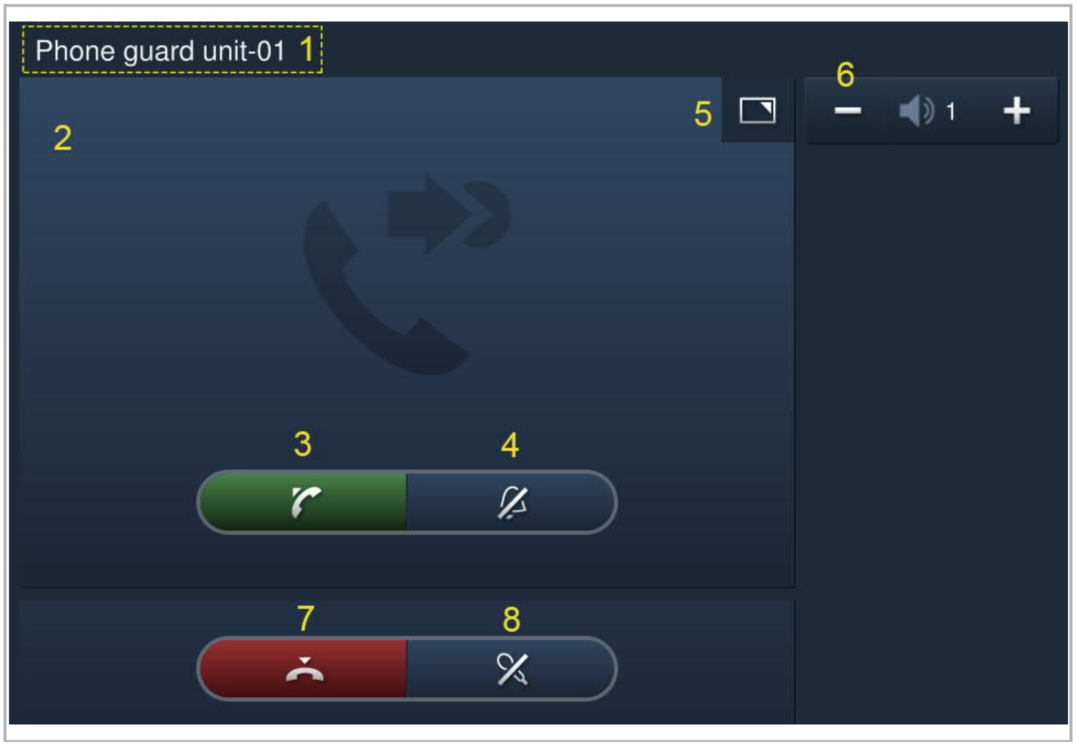

OS-18
rec
OS-18
1
13
14
Th 24/02/22 15:31

No.	Function
13	Tap to end the call.
14	Tap to mute the volume.

9.1.2 Call from guard units or indoor stations

The IP touch displays the image as full screen by default.

Tap " ◪ " to switch to normal screen.

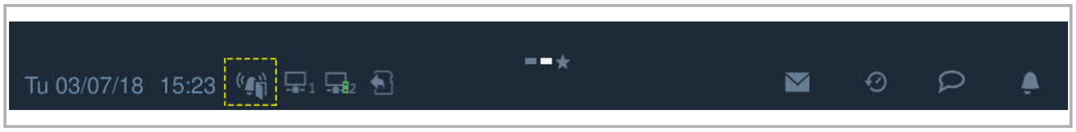


No.	Function
1	Caller ID
2	Display the countdown in the last 9 s.
3	Tap to accept the incoming call.
4	Tap to mute the ringtone on this device.
5	Tap to switch between full screen and normal screen.
6	Tap "+" or "-" to adjust the volume.
7	Tap to end the call.
8	Tap to mute the volume.

9.1.3 Call from doorbell

When the doorbell is pressed, this device will display " 🔔 " for 5 s on the status bar.

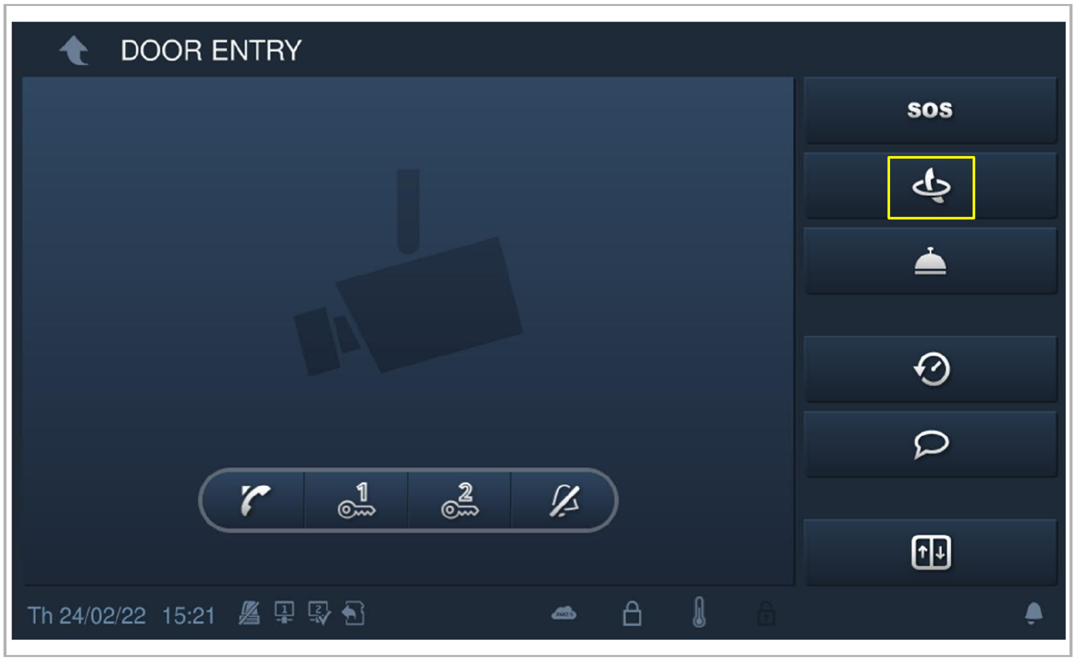
If the doorbell is associated with the camera, the IP touch will display the image from the camera automatically. See the "Home monitor setting" chapter on page xx.



9.2 Intercom

9.2.1 Accessing the "Intercom" screen

In standby status, on the "Door Entry" screen, tap " " to access the corresponding screen.


DOOR ENTRY
SOS
1
2
Th 24/02/22 15:21

9.2.2 Initiating an intercom call

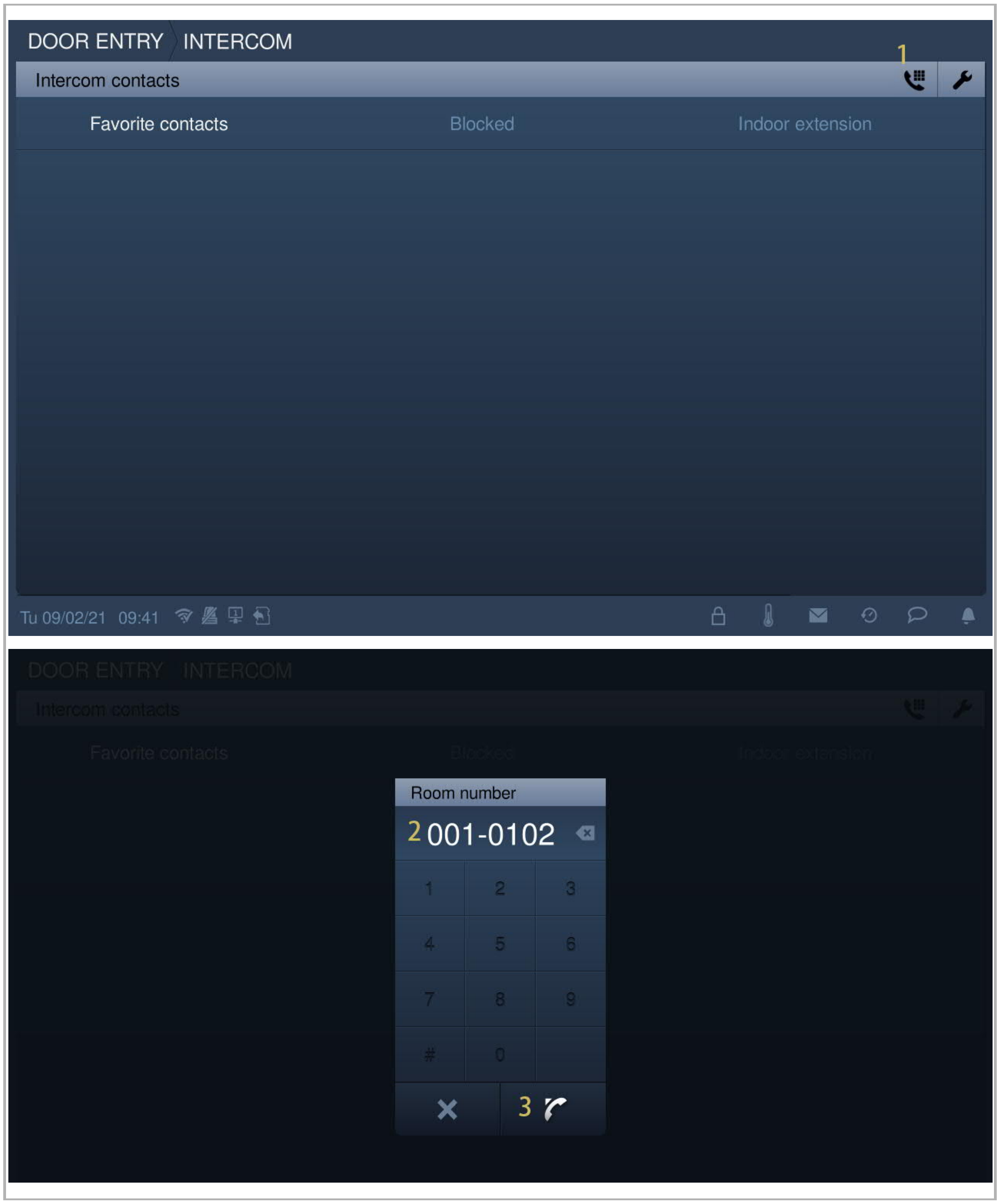
1. Initiating an intercom call between the different apartments via the keypad

Please follow the steps below:

[1] On the "Intercom" screen, tap " ☎ ".

[2] Enter the room number.

[3] Tap " ✆ " to initiate an intercom call.


DOOR ENTRY
INTERCOM
1
Intercom contacts
Favorite contacts
Blocked
Indoor extension
Tu 09/02/21 09:41
Room number
2
001-0102
1
2
3
4
5
6
7
8
9
#
0
3

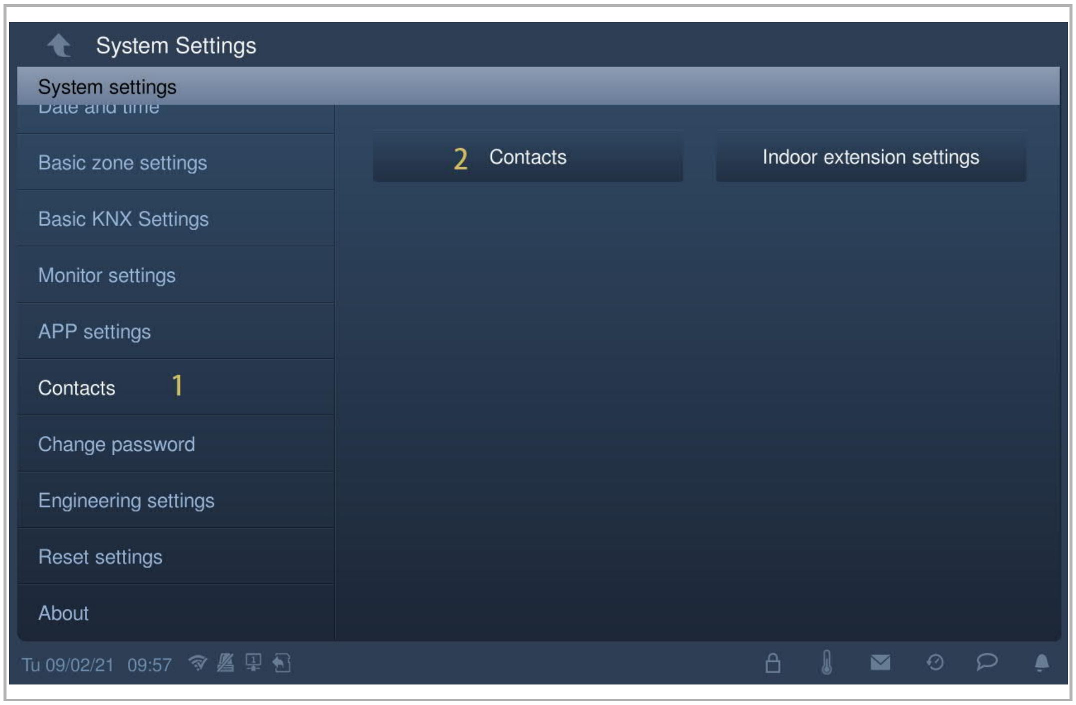
2. Initiating an intercom call between the different apartments via the contact list

Note
At least one contact needs to be added before use.

Please follow the steps below:

[1] On the "System settings" screen, tap "Contacts".

[2] Tap "Contacts".

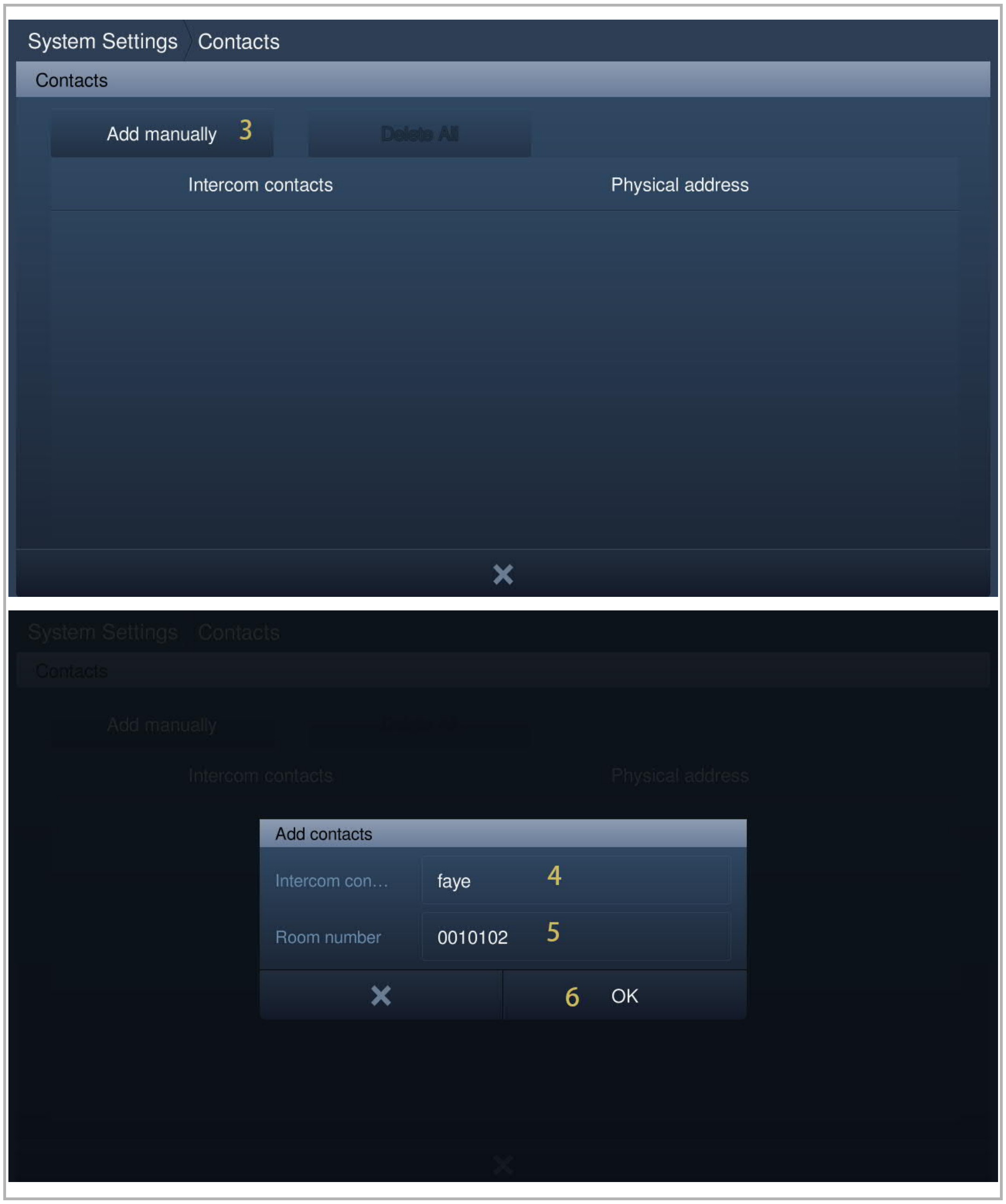

System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
1
Change password
Engineering settings
Reset settings
About
2
Contacts
Indoor extension settings
Tu 09/02/21 09:57

[3] Tap "Add manually".

[4] Enter the contact name.

[5] Enter the room number.

[6] Tap "OK".


System Settings
Contacts
Contacts
Add manually
3
Delete All
Intercom contacts
Physical address
Add contacts
4
5
6
OK

Intercom con… faye

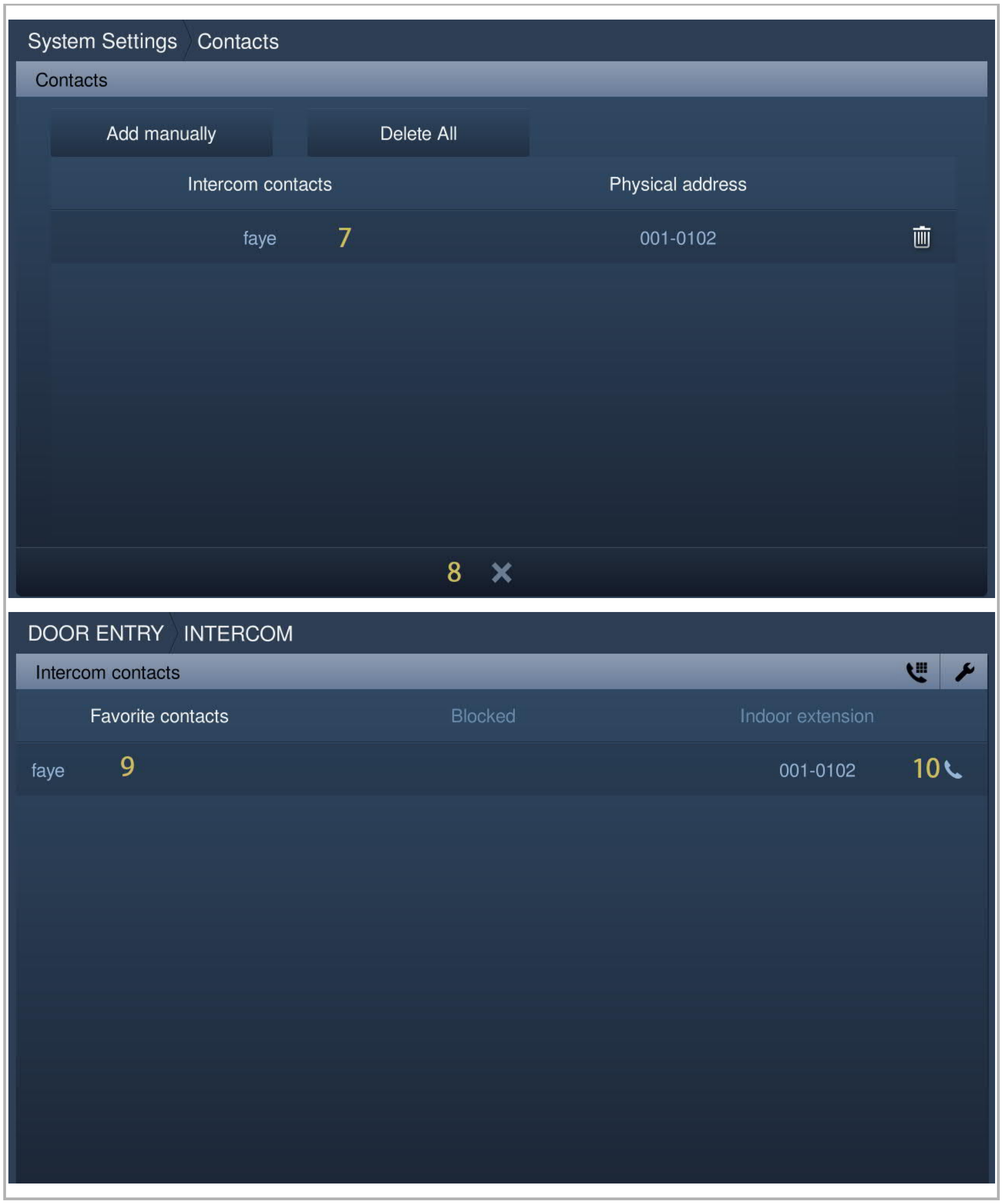
Room number 0010102

[7] The result is displayed on the screen.

[8] Tap "X" to exit the setting.

[9] On the "Intercom" screen, the contact is displayed on the screen.

[10] Tap " ☎ " to initiate an intercom call.


System Settings
Contacts
Contacts
Add manually
Delete All
8
✕
DOOR ENTRY
INTERCOM
Intercom contacts
Blocked
Indoor extension
10

Intercom contacts		Physical address
faye	7	001-0102

Favorite contacts		
faye	9	001-0102

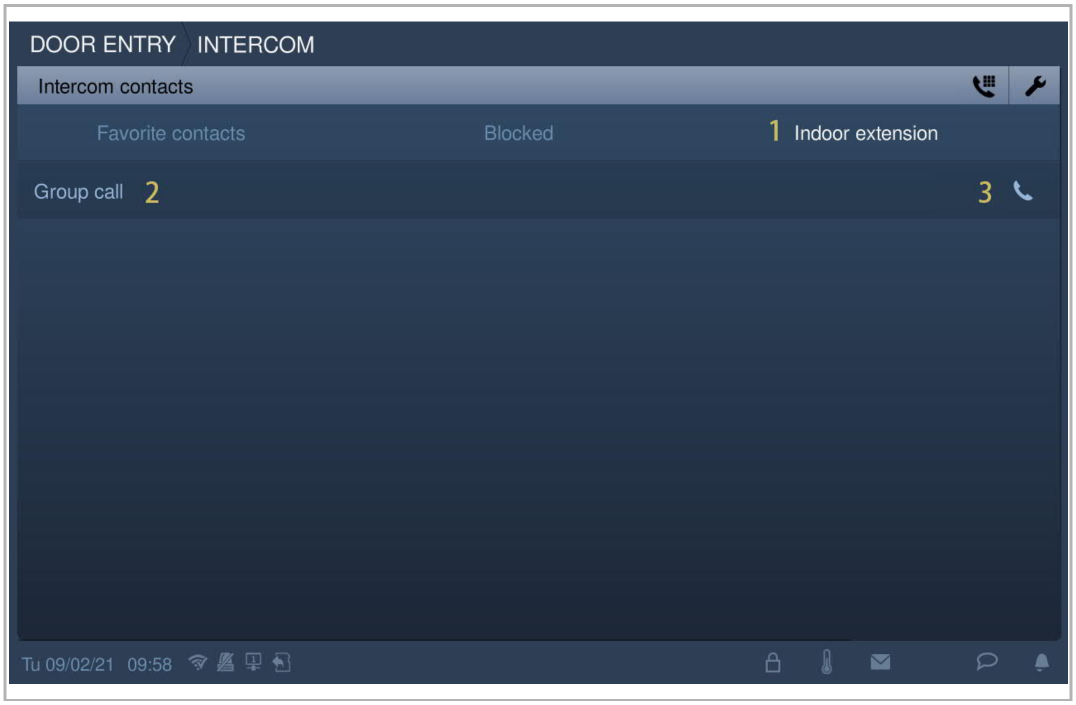
3. Initiating a group call in the same apartment

Please follow the steps below:

[1] On the "Intercom" screen, tap "Indoor extension".

[2] "Group call" is displayed on the screen.

[3] Tap " ☎ " to initiate an intercom call.

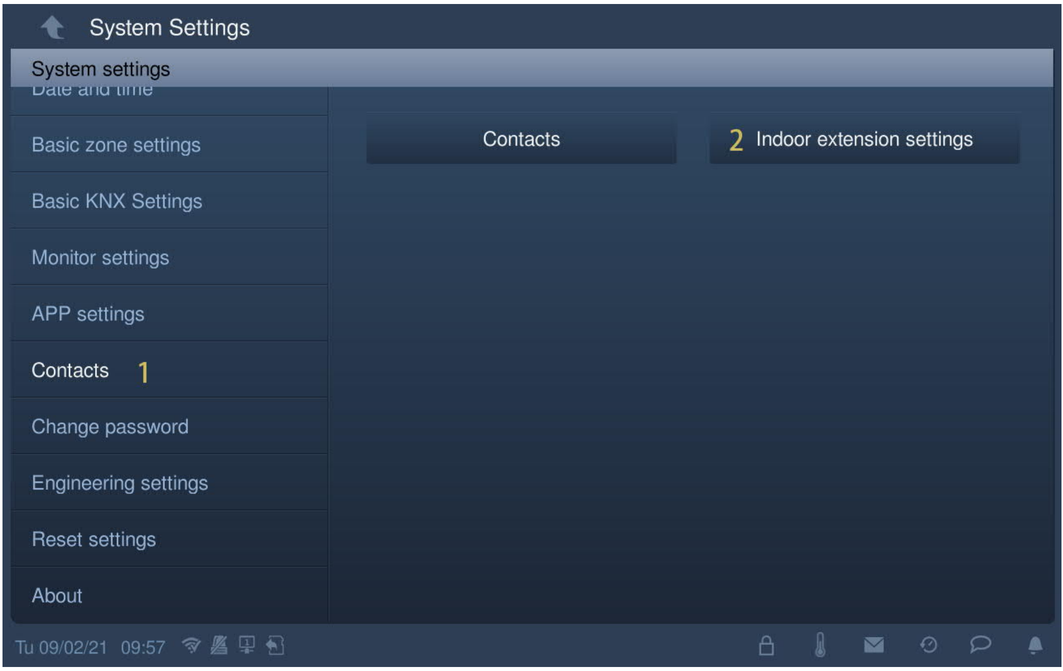

DOOR ENTRY
INTERCOM
Intercom contacts
Favorite contacts
Blocked
1
Indoor extension
Group call
2
3
Tu 09/02/21 09:58

4. Initiating a dedicated room call in the same apartment.

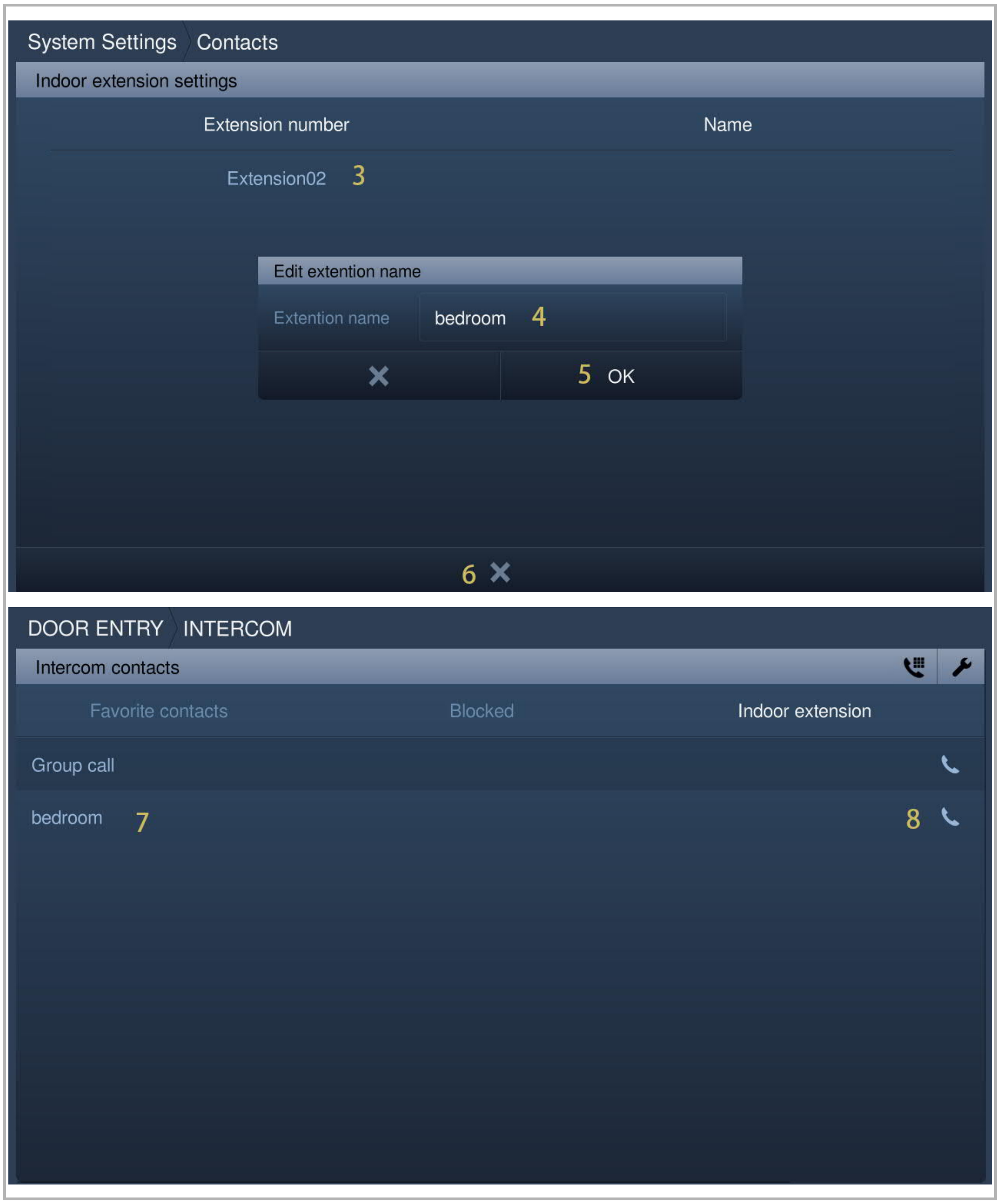
Please follow the steps below:

[1] On the "System settings" screen, tap "Contacts".

[2] Tap "Indoor extension settings".


System Settings
System settings
Date and time
Basic zone settings
Basic KNX Settings
Monitor settings
APP settings
Contacts
1
Change password
Engineering settings
Reset settings
About
Contacts
2
Indoor extension settings
Tu 09/02/21 09:57

[3] Tap the designated extension.
[4] Enter the alias name.
[5] Tap "OK".
[6] Tap "X" to exit the setting.
[7] The alias name is displayed on the screen.
[8] Tap "☎" to initiate an intercom call.


System Settings
Contacts
Indoor extension settings
Extension number
Name
Extension02
3
Edit extention name
4
✕
5
OK
6
✕
DOOR ENTRY
INTERCOM
Intercom contacts
Favorite contacts
Blocked
Indoor extension
Group call
bedroom
7
8

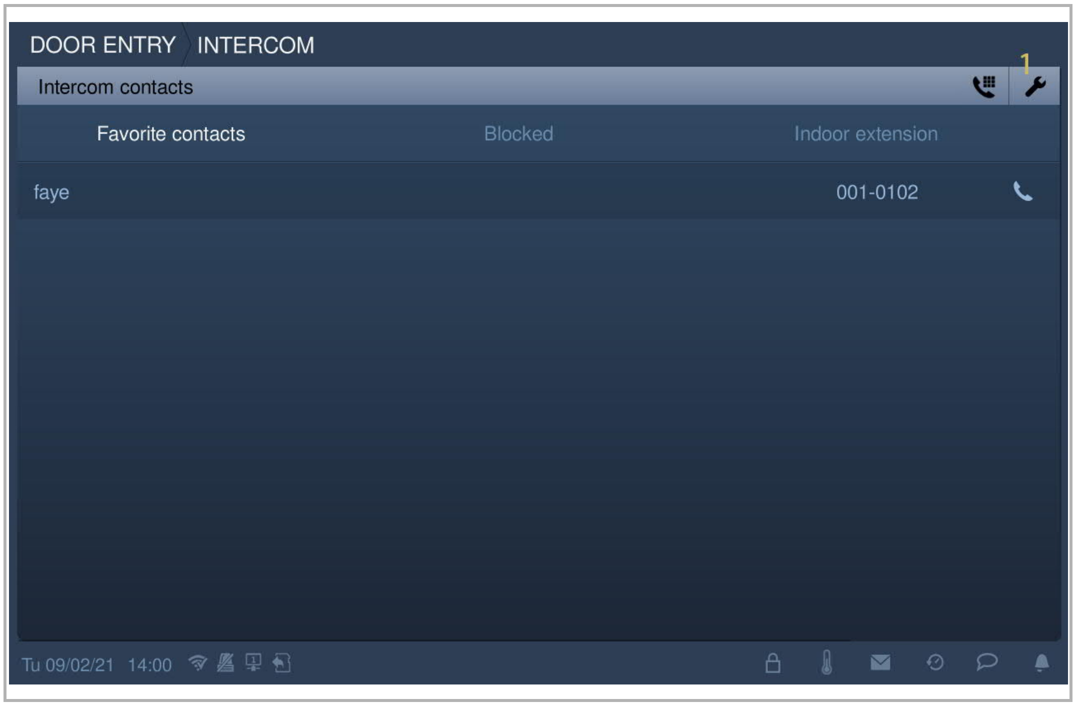
Extention name bedroom

9.2.3 Adding contacts to the blacklist

Blacklist applies to the intercom call among different apartments only. If you don’t want to receive a call from someone who has been added to your contact list, you can use the blacklist.

Please follow the steps below:

[1] On the "Intercom" screen, tap " 🔧 ".


DOOR ENTRY
INTERCOM
1
Intercom contacts
Favorite contacts
Blocked
Indoor extension
faye
001-0102
Tu 09/02/21 14:00

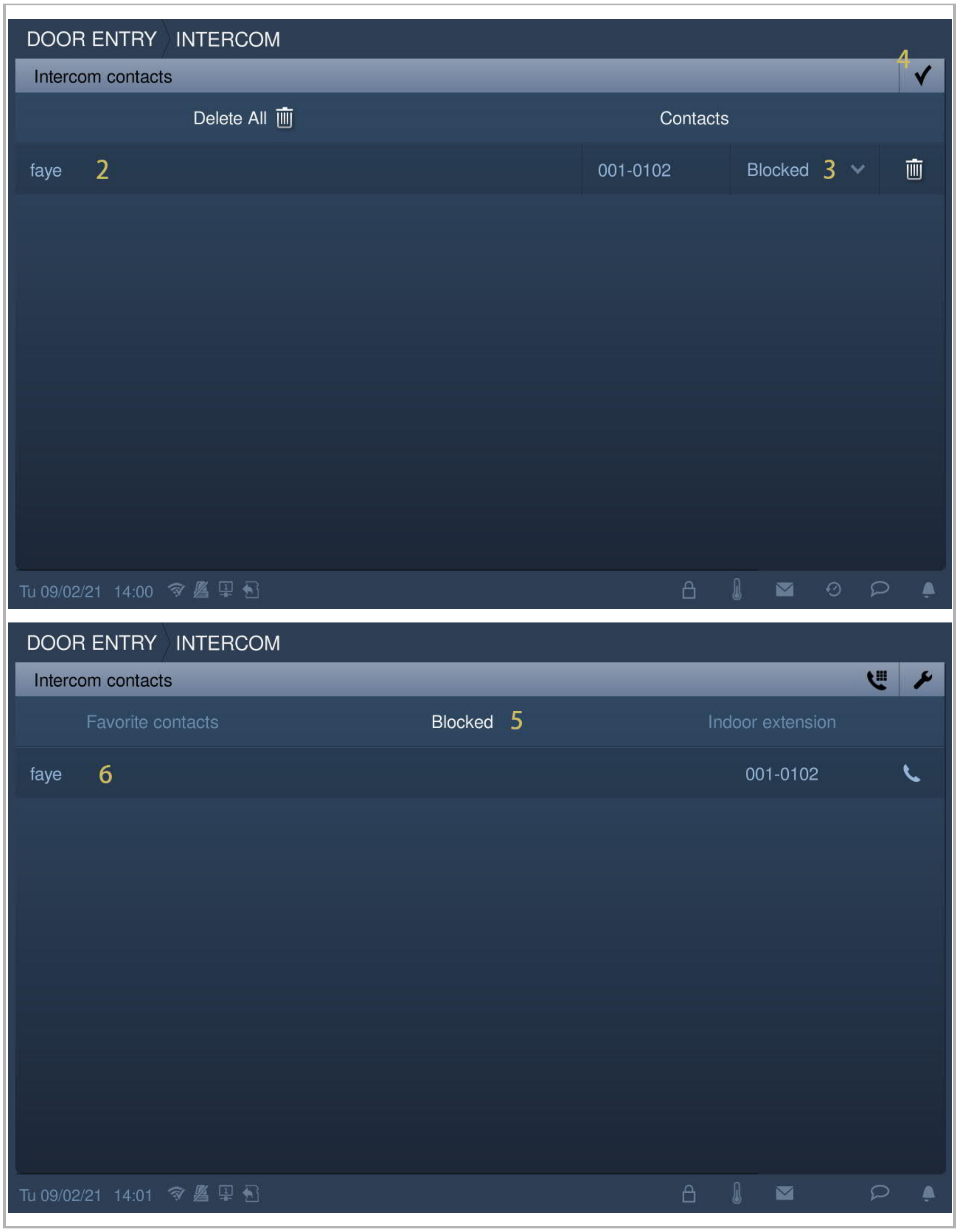
[2] Tap the designated contact.

[3] Select "Blocked" from the drop-down list.

[4] Tap "√" to save.

[5] Tap "Block".

[6] The blocked contact is displayed on the screen.


DOOR ENTRY
INTERCOM
Intercom contacts
4
✓
Delete All
Contacts
faye
2
001-0102
Blocked
3
Tu 09/02/21 14:00
DOOR ENTRY
INTERCOM
Intercom contacts
Favorite contacts
Blocked
5
Indoor extension
faye
6
001-0102
Tu 09/02/21 14:01

9.2.4 Restoring contacts from the blacklist

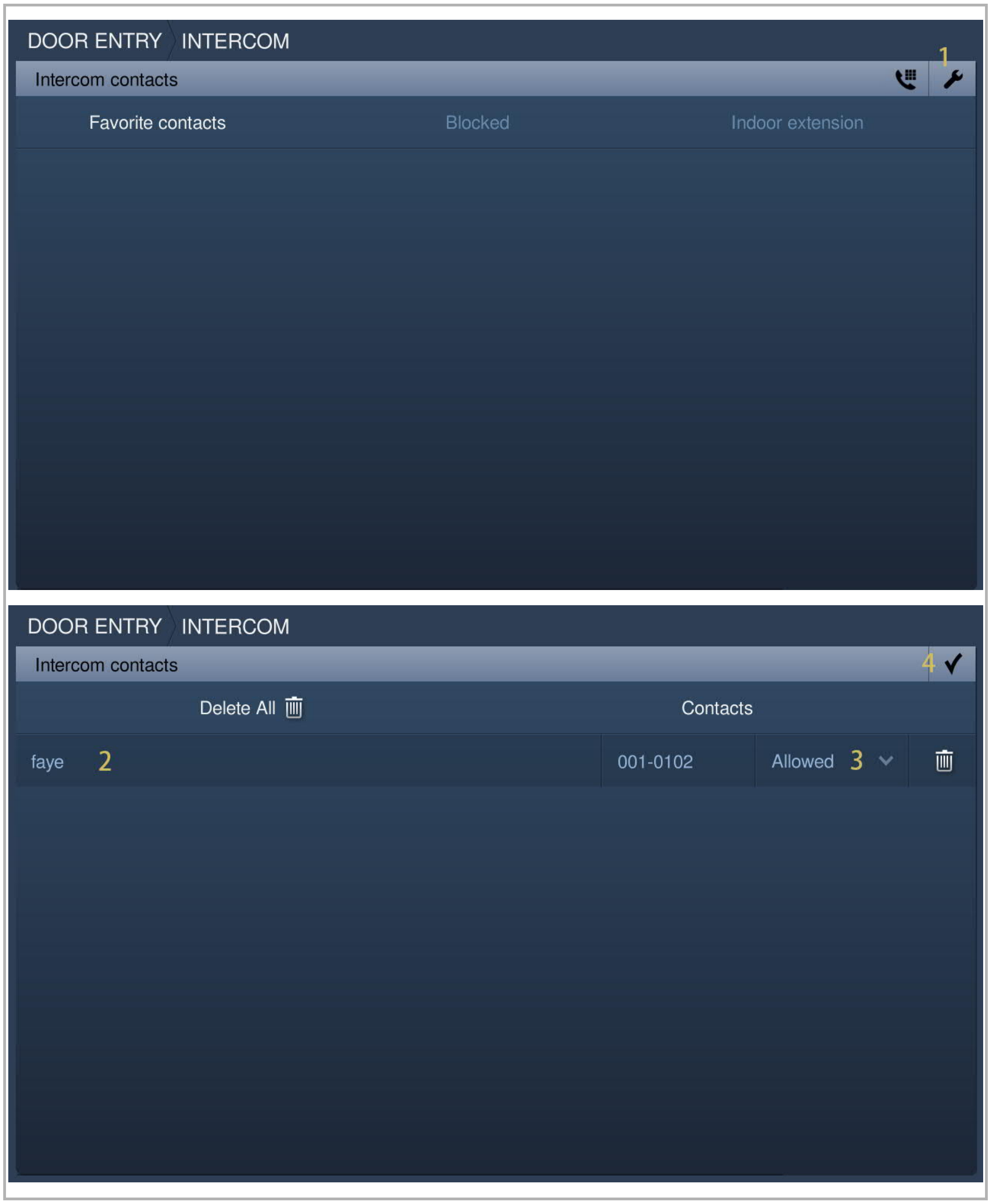
Please follow the steps below:

[1] On the "Intercom" screen, tap " 🔧 ".

[2] Tap the designated contact.

[3] Select "Allowed" from the drop-down list.

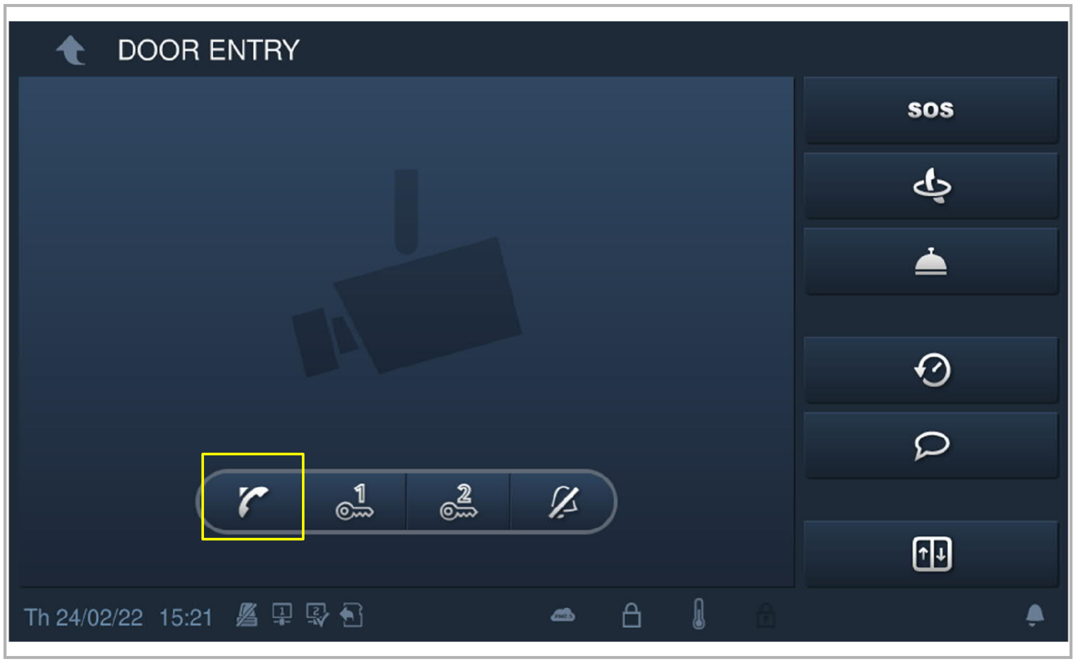
[4] Tap "√" to save.

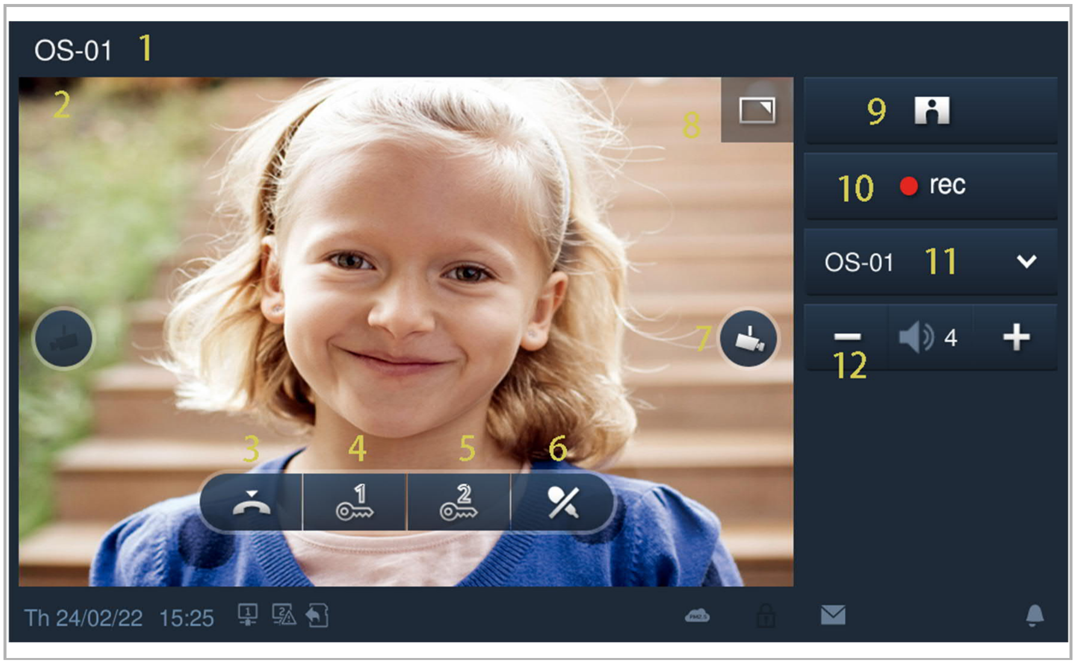

DOOR ENTRY
INTERCOM
1
Intercom contacts
Favorite contacts
Blocked
Indoor extension
DOOR ENTRY
INTERCOM
Intercom contacts
4
Delete All
Contacts
faye
2
001-0102
Allowed
3

9.3 Surveillance

9.3.1 Surveillance from outdoor stations

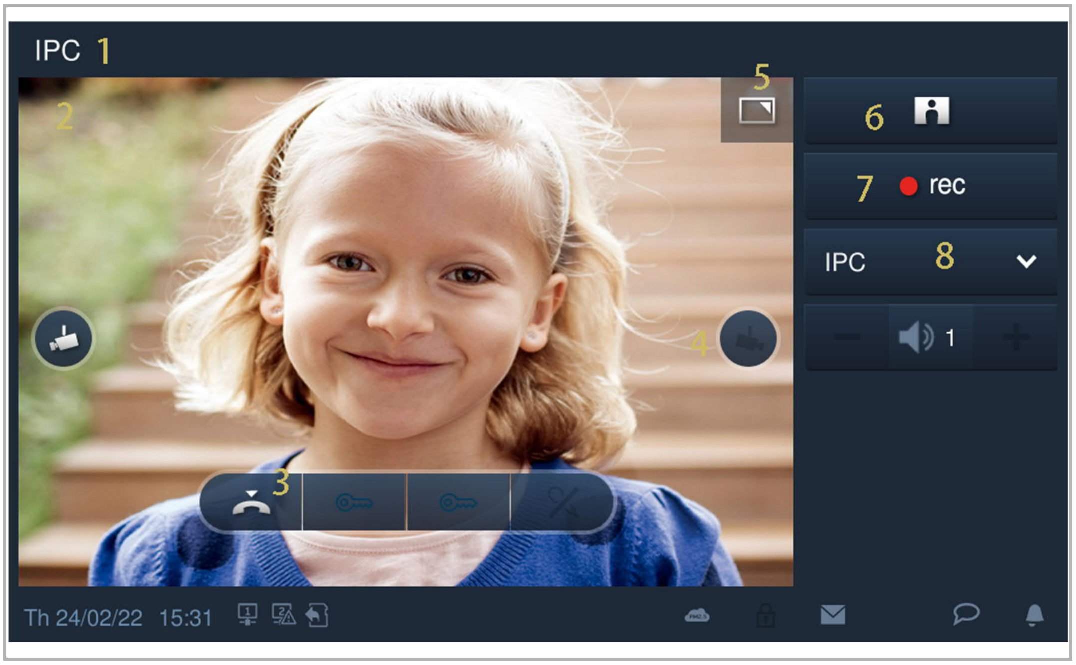
In standby status, on the "Door Entry" screen, tap " ☎ " to access the corresponding screen.


DOOR ENTRY
SOS
1
2
Th 24/02/22 15:21



No.	Function
1	Caller ID
2	Display the image from the outdoor station (the countdown will be displayed in the last 9 s).
3	Tap to end the surveillance.
4	**Release the default lock** Tap to release the default lock of the monitored outdoor station.
5	**Program button** Tap to release the subsidiary lock on the monitored outdoor station by default. It can be set to other function e.g. switch on the light.
6	Tap to mute (default) or unmute the volume during surveillance.
7	Tap to display the image of the next outdoor station or the next camera.
8	Tap to switch between full screen and normal screen.
9	Tap to take a snapshot.
10	Tap to record a video only when an SD is inserted.
11	Select the image of the outdoor station or the camera from the drop-down list.
12	Tap "+" or "-" to adjust the volume.

9.3.2 Surveillance from IP camera



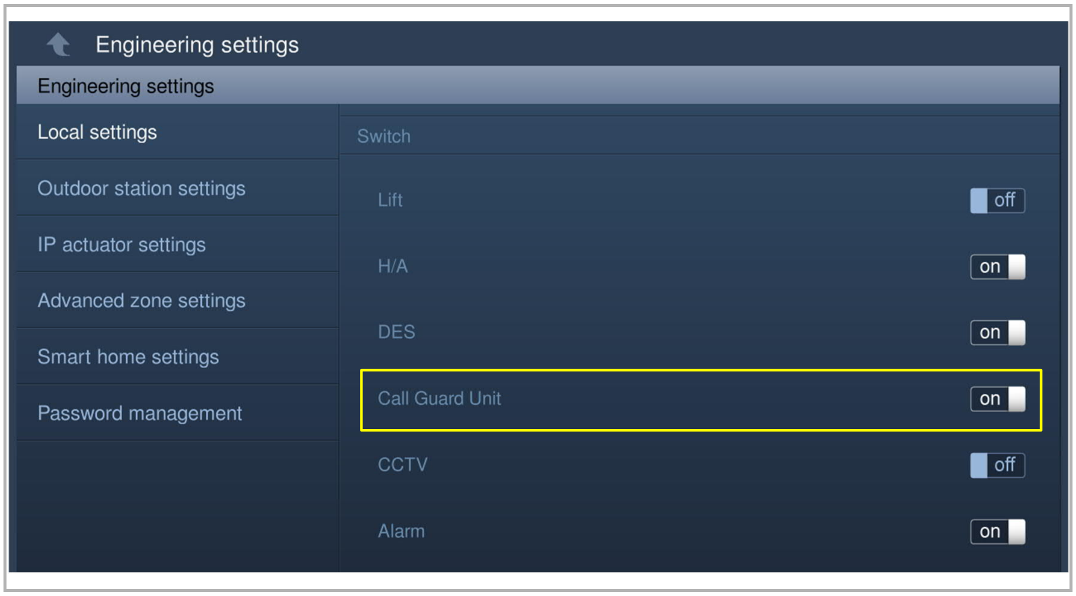
No.	Function
1	Caller ID
2	Display the image from the cameras. (The countdown will be displayed in the last 9 s)
3	Tap to end the surveillance.
4	Tap to display the image of the next outdoor station or the next camera.
5	Tap to switch between full screen and normal screen.
6	Tap to take a snapshot.
7	Tap to record a video only when an SD is inserted.
8	Select the image of the outdoor station or the camera from the drop-down list.

9.4 Call guard unit

9.4.1 Precondition

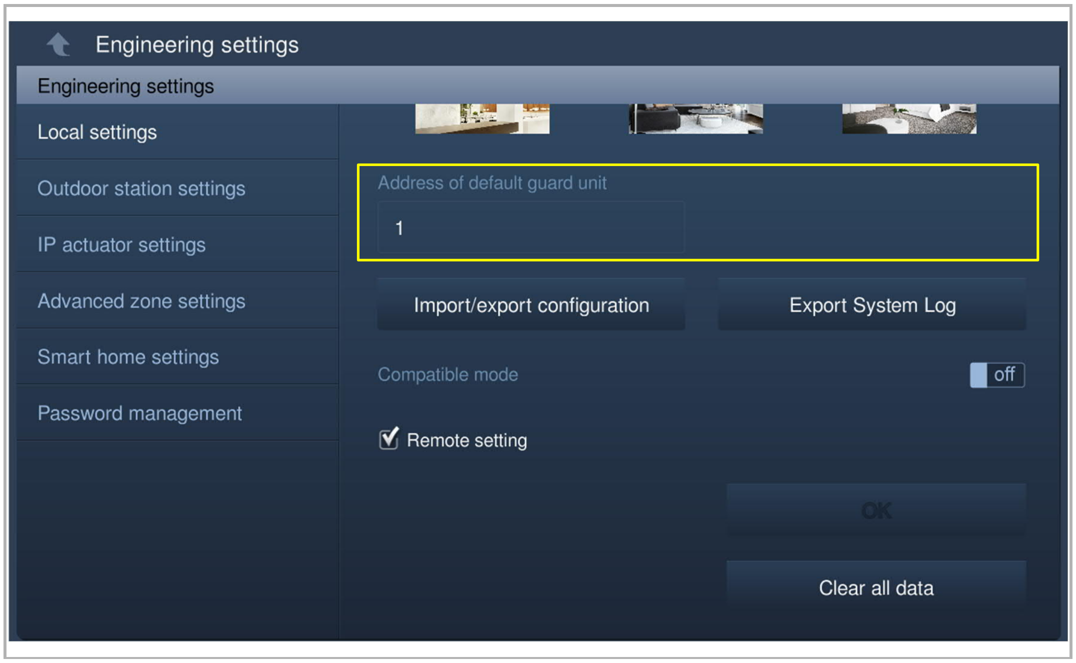
Please ensure the follow settings are carried out before use.

- On the "Engineering settings", "Local settings" screen, the "Call guard unit" function is enabled.


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Switch

Lift off
H/A on
DES on
Call Guard Unit on
CCTV off
Alarm on

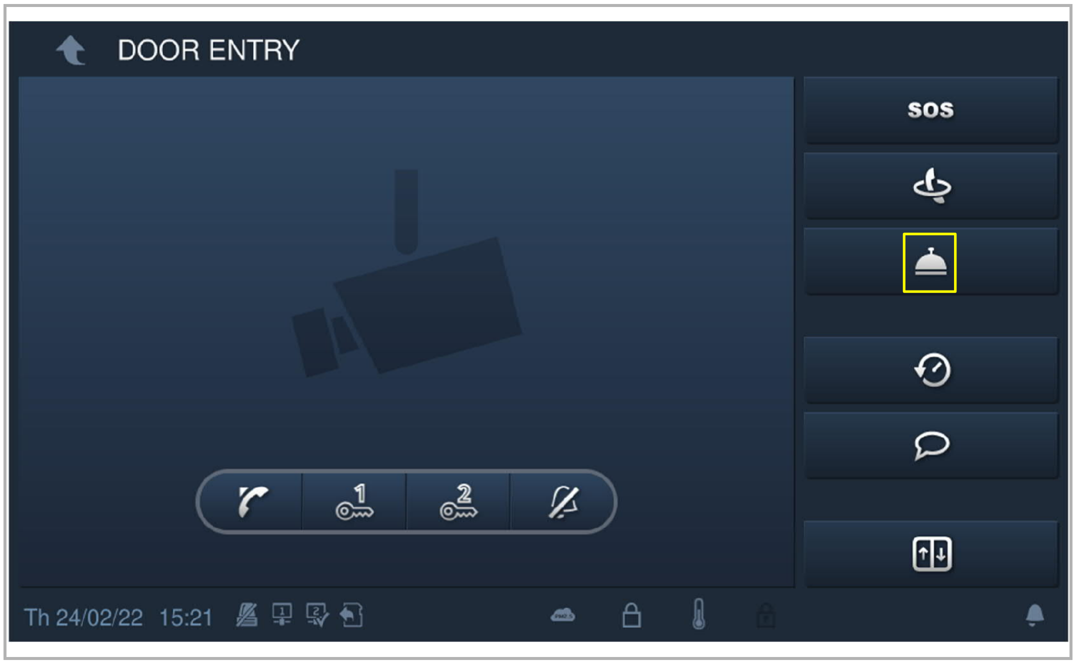
- On the "Engineering settings", "Local settings" screen, the address of default guard unit must be set (the system default is 1).


Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Import/export configuration
Export System Log
OK
Clear all data

Address of default guard unit: 1
Compatible mode off
☑ Remote setting

9.4.2 Initiating a call

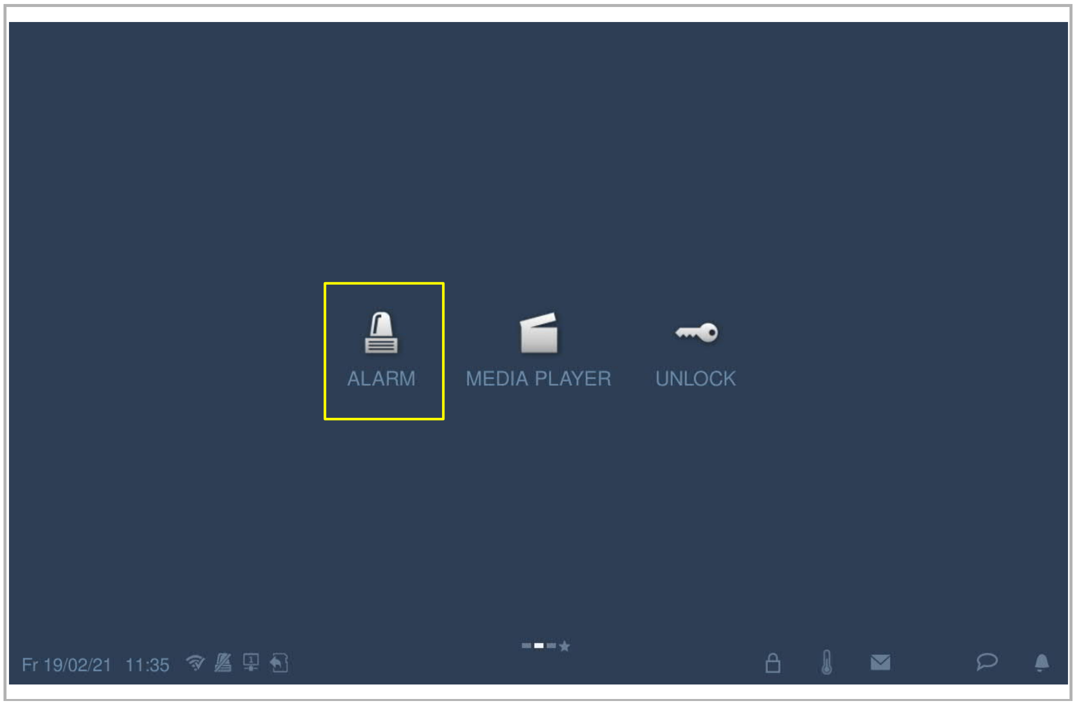
In standby status, on the "Door entry" screen, tap "🛎" to initiate a call.


DOOR ENTRY
SOS
1
2
Th 24/02/22 15:21

9.5 Alarm

9.5.1 Accessing the "Alarm" screen

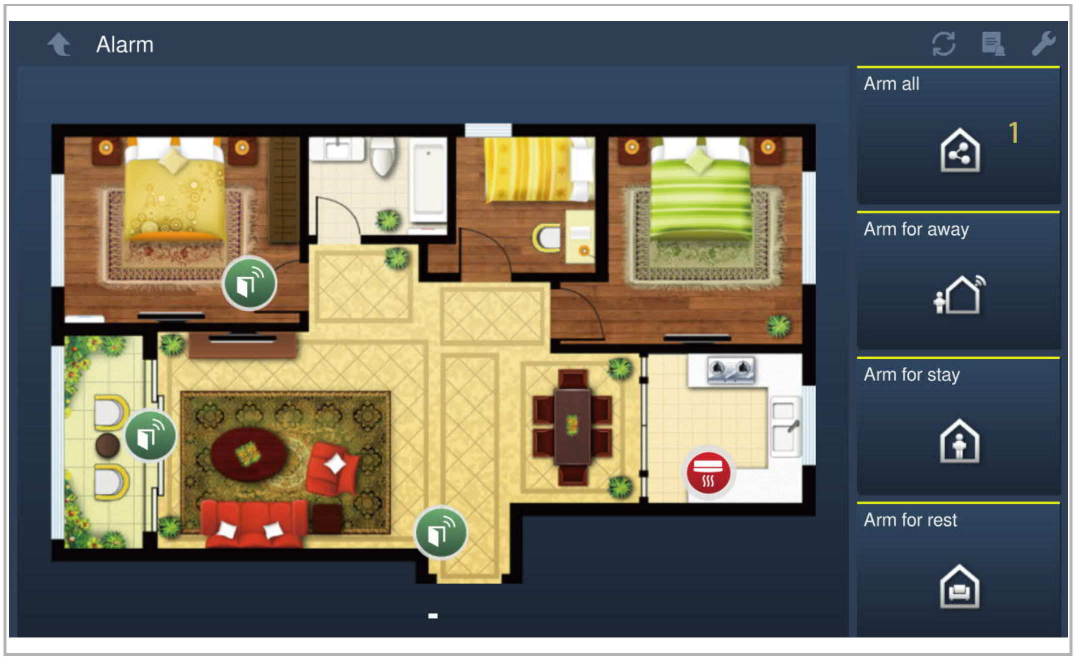
On the extra screen, tap "Alarm" to access the corresponding screen.


ALARM
MEDIA PLAYER
UNLOCK
Fr 19/02/21 11:35

9.5.2 Arming the device manually

Please follow the steps below:

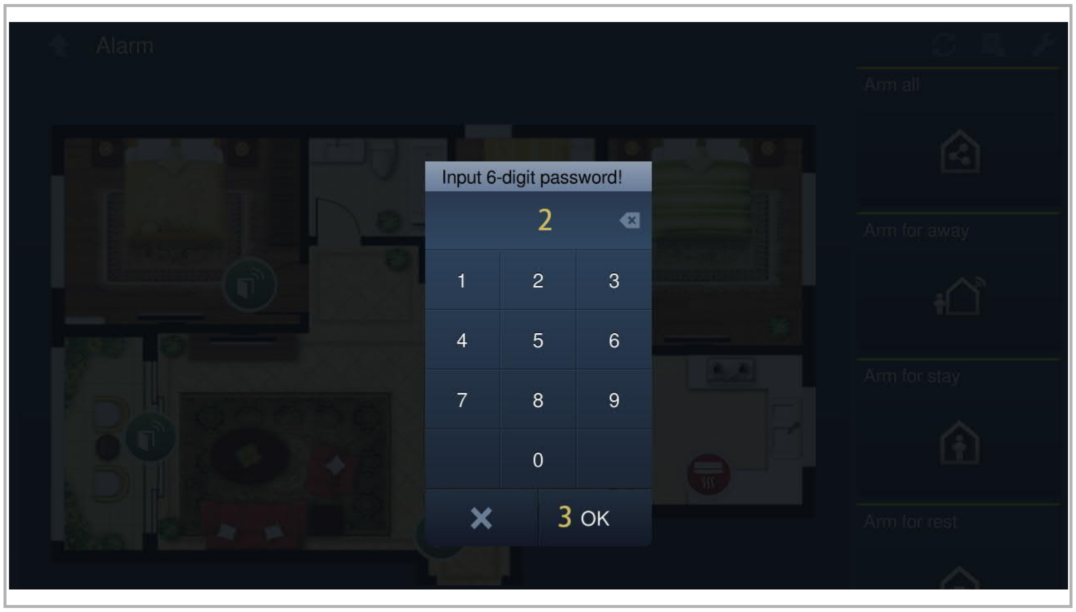
[1] On the "Alarm" screen, tap the designated icon to carry out an arming action (e.g. "Arm all").


Alarm
Arm all
1
Arm for away
Arm for stay
Arm for rest

[2] Enter the password (a user password or a program password can be used).

- If a user password is used to arm the device, only this user password can be used to disarm it.
- If a program password is used to arm the device, both the user password and the program password can be used to disarm it.

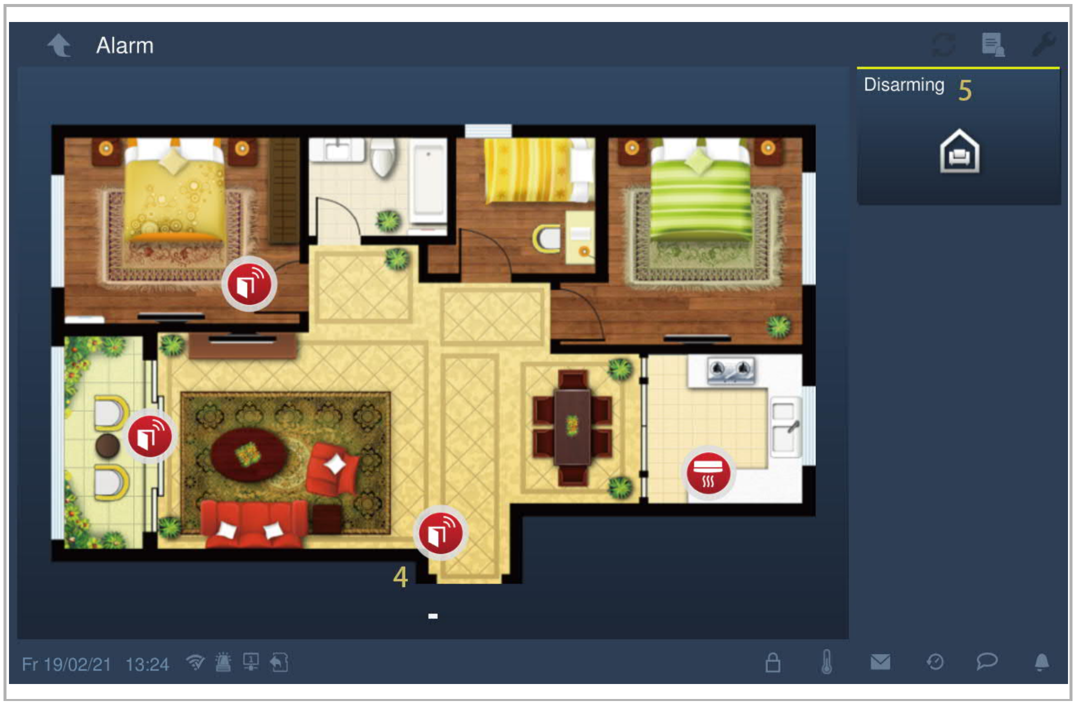
[3] Tap "OK".


Alarm
Arm all
Arm for away
Arm for stay
Arm for rest
Input 6-digit password!
2
1
2
3
4
5
6
7
8
9
0
3
OK

[4] The designated zone icons turn red on the screen.

[5] "Disarming" is displayed on the screen.

[6] When an alarm zone is triggered, the zone icon will turn orange.


Alarm
Disarming
5
4
Fr 19/02/21 13:24

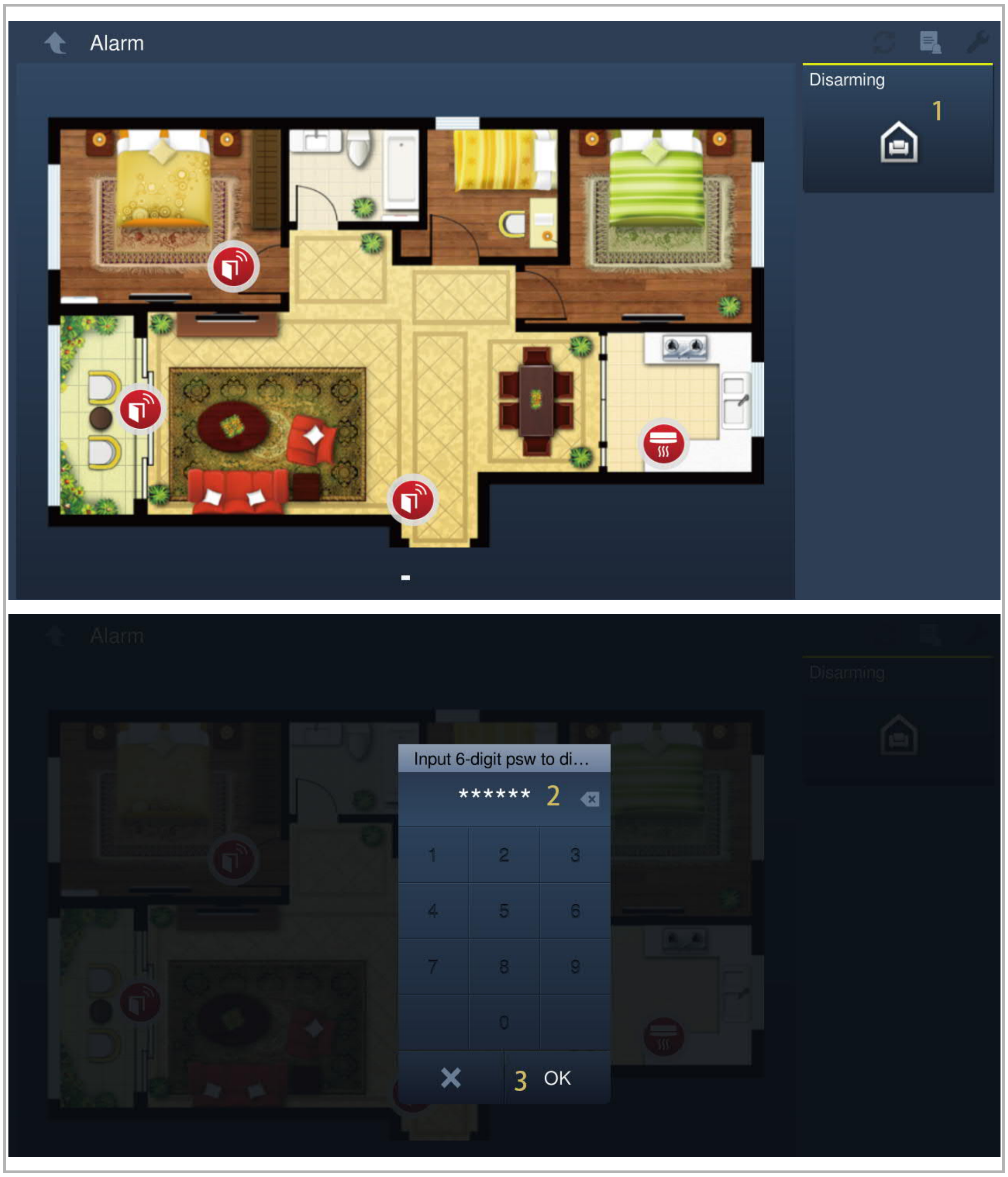
9.5.3 Disarming the device manually

Please follow the steps below:

[1] On the "Alarm" screen, tap "Disarming".

[2] Enter the password.

[3] Tap "OK".


Alarm
Disarming
1
Alarm
Disarming
Input 6-digit psw to di…
******
2
1
2
3
4
5
6
7
8
9
0
3
OK

9.5.4 Arming the device automatically

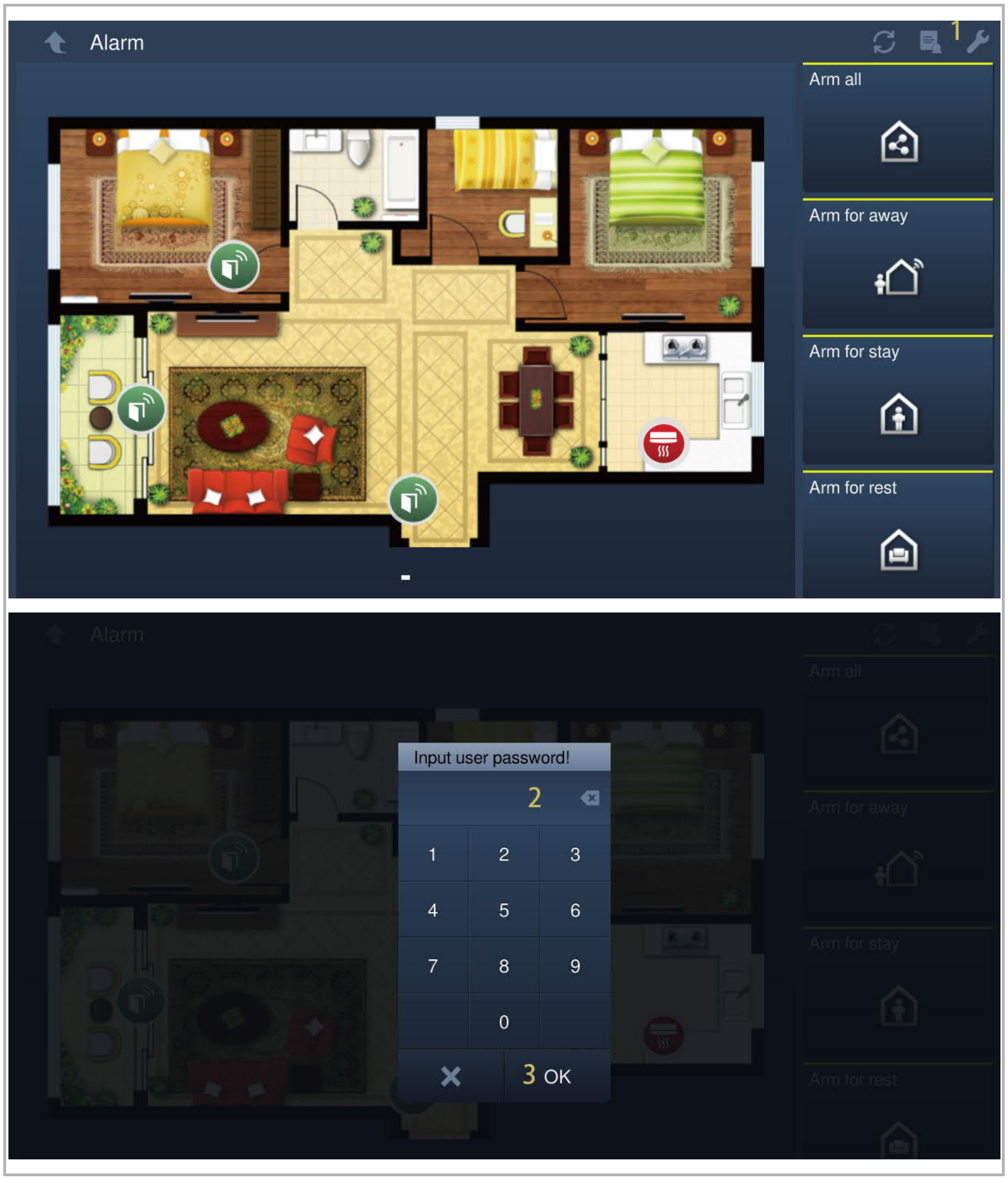
You can use an alarm timer to arm the device automatically.

Please follow the steps below:

[1] On the "Alarm" screen, tap " 🔧 ".

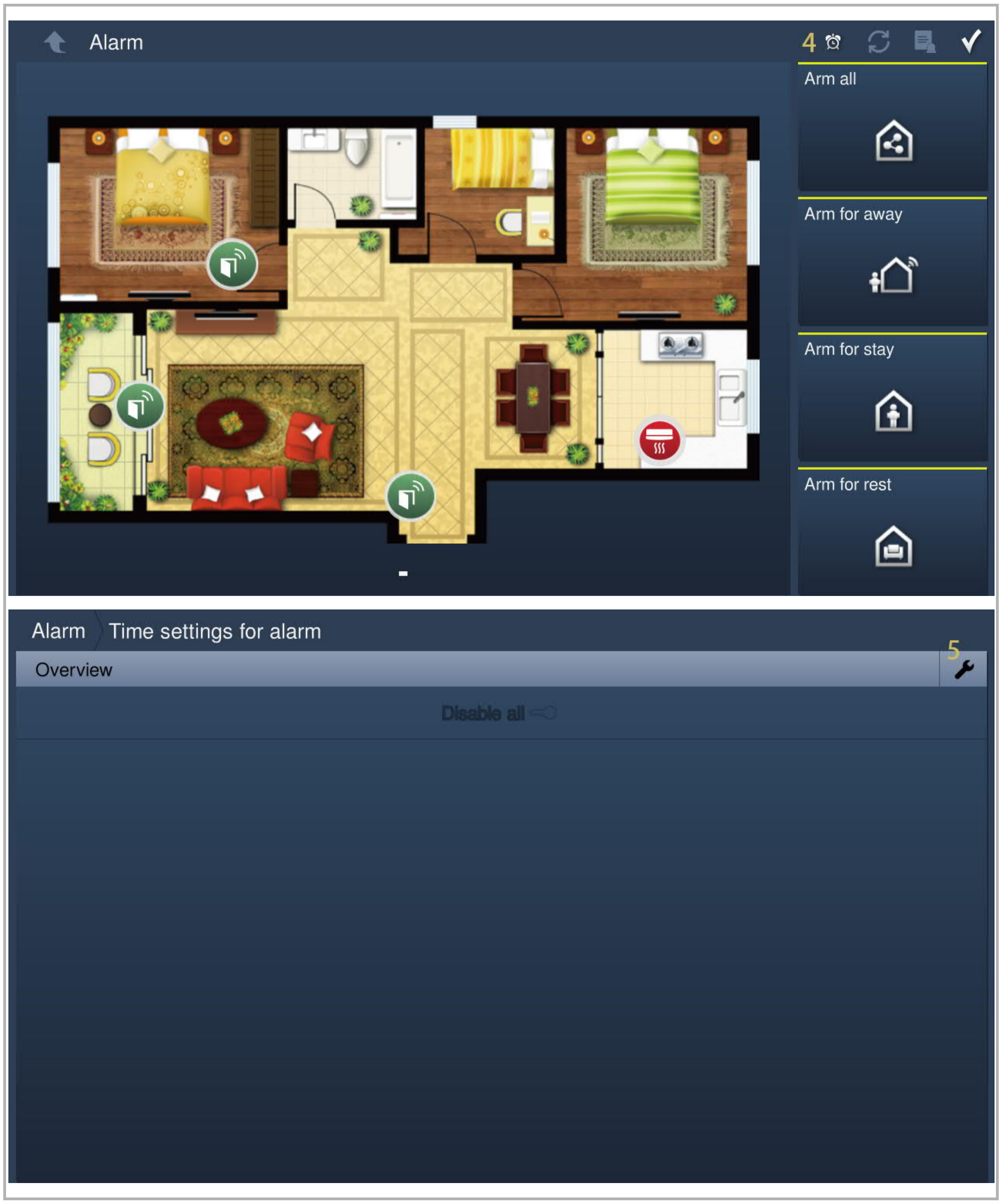
[2] Enter the user password.

[3] Tap "OK".


Alarm
1
Arm all
Arm for away
Arm for stay
Arm for rest
Input user password!
2
1
2
3
4
5
6
7
8
9
0
3
OK

[4] Tap "⏰".

[5] Tap "🔧".


Alarm
4
Arm all
Arm for away
Arm for stay
Arm for rest
Alarm
Time settings for alarm
5
Overview
Disable all

[6] Tap "Add timer".

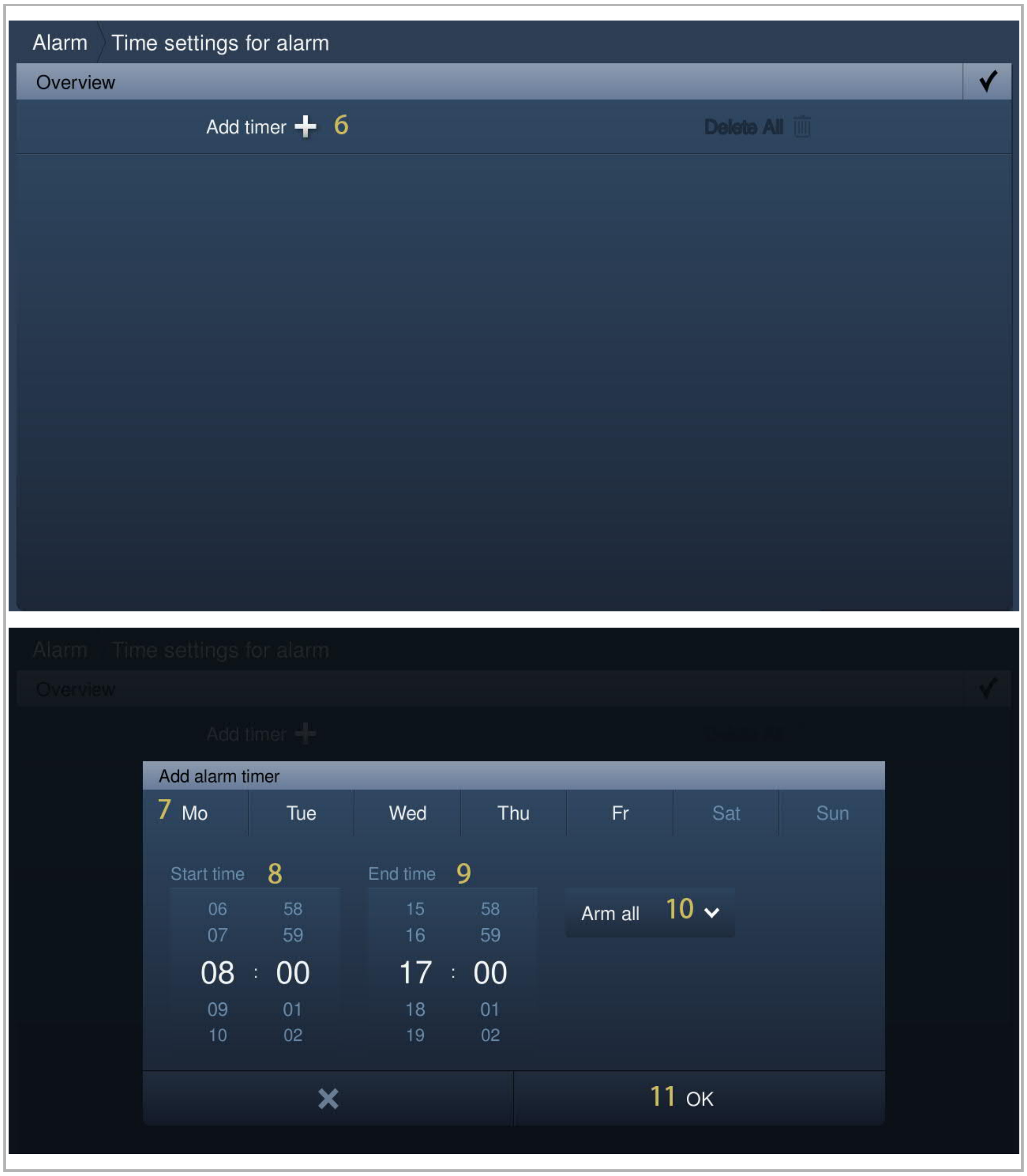
[7] Tap to select the working days.

[8] Tap to set the start time.

[9] Tap to set the end time.

[10] Select the arming type from the drop-down list. It can be set to "Arm all", "Arm for stay", "Arm for away" or "Arm for rest".

[11] Tap "OK".


Alarm
Time settings for alarm
Overview
Add timer
6
Delete All
Add alarm timer
7
Mo
Tue
Wed
Thu
Fr
Sat
Sun
8
9
10
11
OK

Start time 08 : 00

End time 17 : 00

Arm all

Note
A maximum of 10 items is supported.

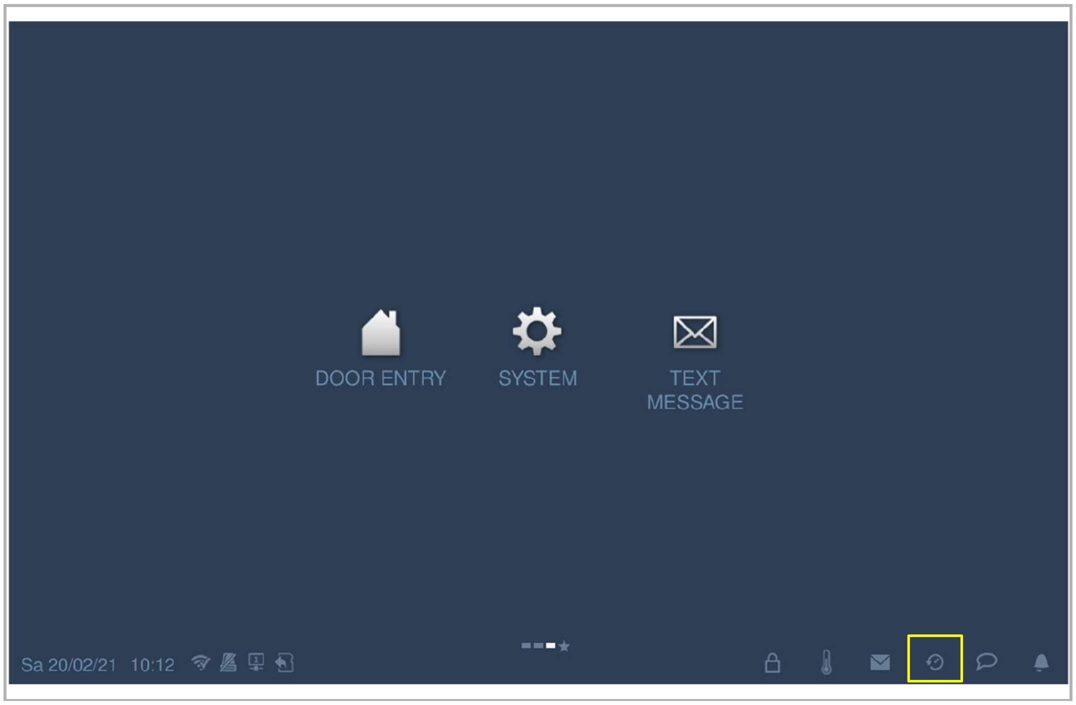
[12] With this timer setting, the indoor station will arm automatically and "🚨" will be displayed on the status bar.

9.6 History

9.6.1 Viewing call records

Accessing the "History" screen

In standby status, tap " 🕒 " on the status bar to access the corresponding screen.


DOOR ENTRY
SYSTEM
TEXT
MESSAGE
Sa 20/02/21 10:12

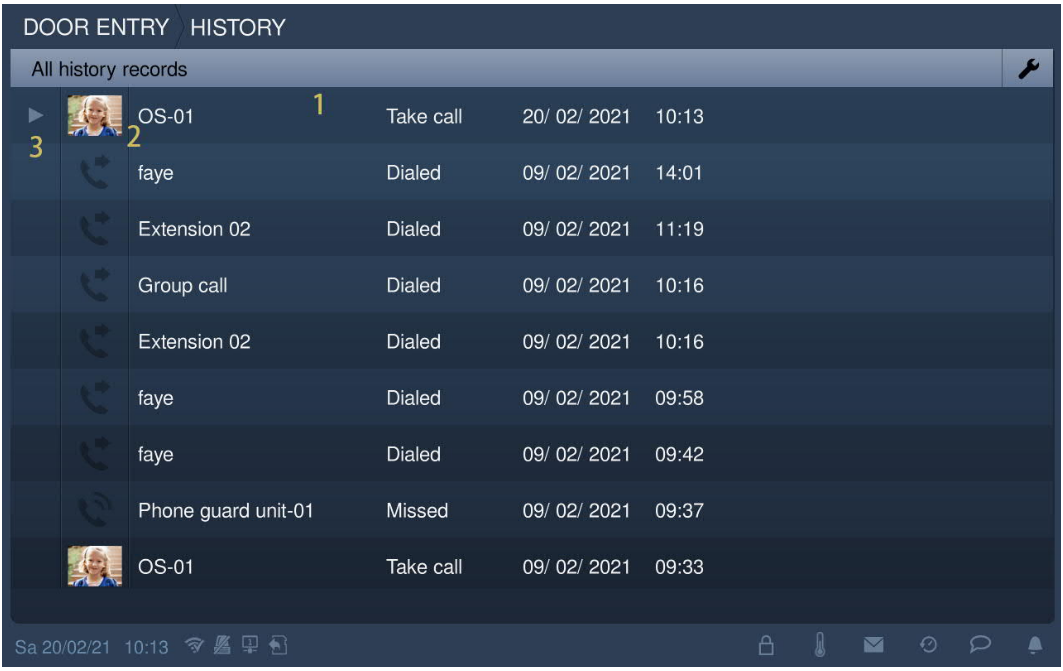
Viewing the call records

[1] On the "History" screen, all the call records are displayed on the screen.

Note
A maximum of 30 call records can be stored. Highlighting indicates unread status.

[2] Tap the picture to see details on the pop-up window. A maximum of 3 pictures are supported for each record, you can tap "<" or ">" to view the pictures.

[3] Tap " ▶ " to play the audio or video record on the pop-up window when an SD card is inserted.



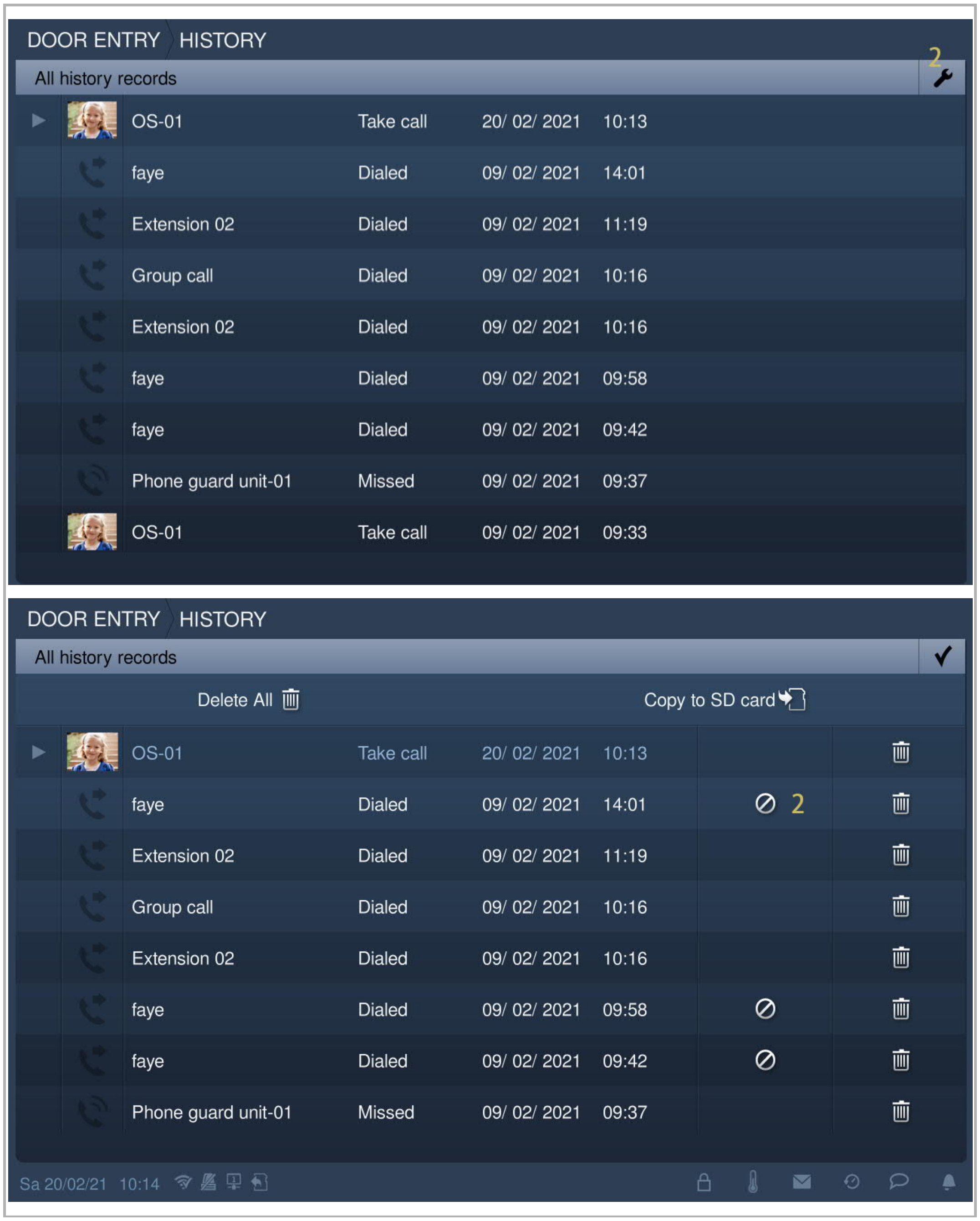
OS-01	Take call	20/ 02/ 2021	10:13
faye	Dialed	09/ 02/ 2021	14:01
Extension 02	Dialed	09/ 02/ 2021	11:19
Group call	Dialed	09/ 02/ 2021	10:16
Extension 02	Dialed	09/ 02/ 2021	10:16
faye	Dialed	09/ 02/ 2021	09:58
faye	Dialed	09/ 02/ 2021	09:42
Phone guard unit-01	Missed	09/ 02/ 2021	09:37
OS-01	Take call	09/ 02/ 2021	09:33

9.6.2 Adding a contact to the blacklist list

Please follow the steps below:

[1] On the "History" screen, tap " 🔧 ".

[2] Tap " ⊘ " to add the contact to the blacklist quickly.


DOOR ENTRY
HISTORY
All history records
2

▶	OS-01	Take call	20/ 02/ 2021	10:13
	faye	Dialed	09/ 02/ 2021	14:01
	Extension 02	Dialed	09/ 02/ 2021	11:19
	Group call	Dialed	09/ 02/ 2021	10:16
	Extension 02	Dialed	09/ 02/ 2021	10:16
	faye	Dialed	09/ 02/ 2021	09:58
	faye	Dialed	09/ 02/ 2021	09:42
	Phone guard unit-01	Missed	09/ 02/ 2021	09:37
	OS-01	Take call	09/ 02/ 2021	09:33

DOOR ENTRY
HISTORY
All history records
✓
Delete All
Copy to SD card

▶	OS-01	Take call	20/ 02/ 2021	10:13		🗑
	faye	Dialed	09/ 02/ 2021	14:01	⊘ 2	🗑
	Extension 02	Dialed	09/ 02/ 2021	11:19		🗑
	Group call	Dialed	09/ 02/ 2021	10:16		🗑
	Extension 02	Dialed	09/ 02/ 2021	10:16		🗑
	faye	Dialed	09/ 02/ 2021	09:58	⊘	🗑
	faye	Dialed	09/ 02/ 2021	09:42	⊘	🗑
	Phone guard unit-01	Missed	09/ 02/ 2021	09:37		🗑

Sa 20/02/21 10:14

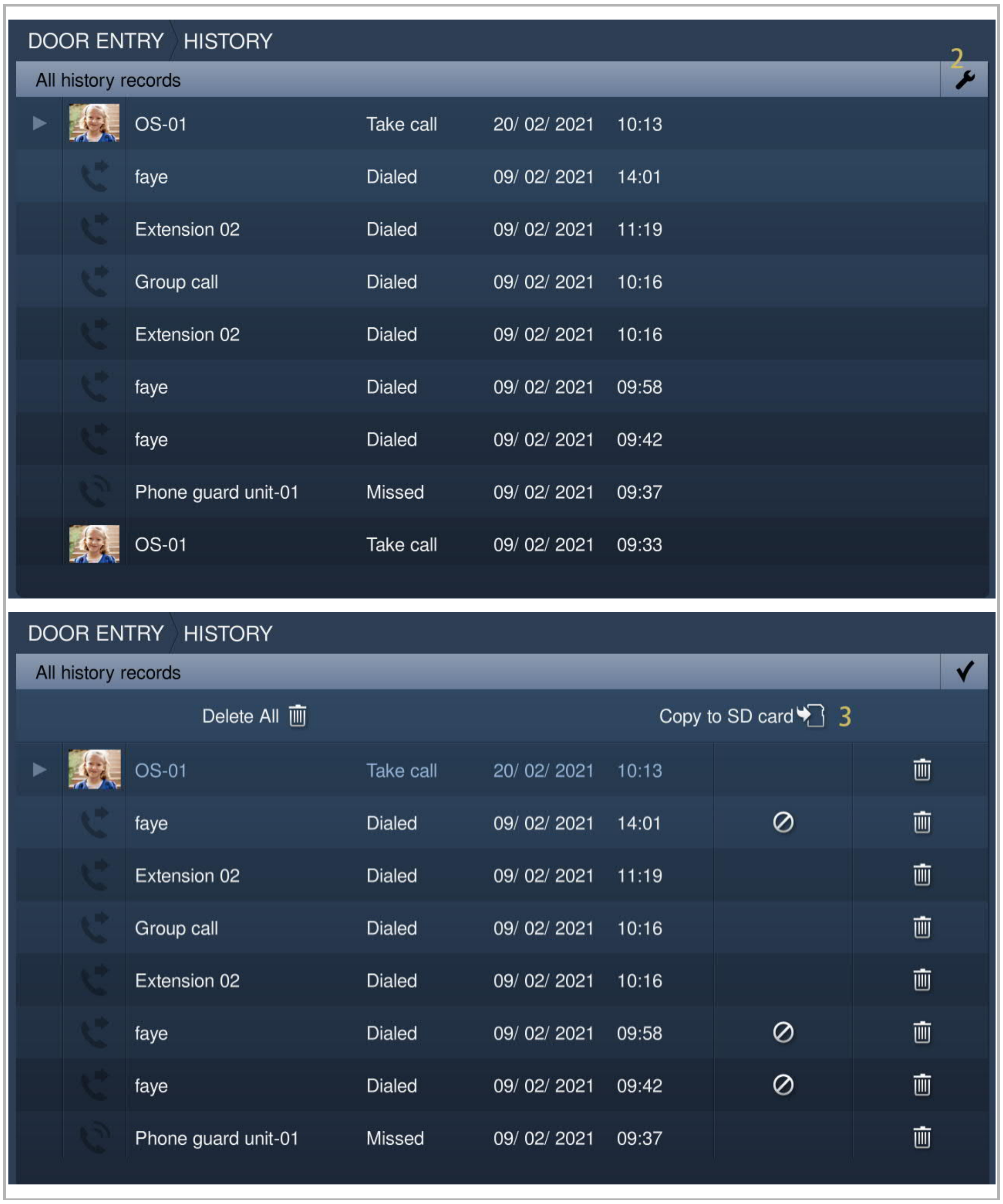
9.6.3 Copying snapshot to an SD card

Please follow the steps below:

[1] Insert an SD card to the IP touch.

[2] On the "History" screen, tap " 🔧 ".

[3] Tap "Copy to SD card".


DOOR ENTRY
HISTORY
All history records
2
DOOR ENTRY
HISTORY
All history records
Delete All
Copy to SD card
3

OS-01	Take call	20/ 02/ 2021	10:13
faye	Dialed	09/ 02/ 2021	14:01
Extension 02	Dialed	09/ 02/ 2021	11:19
Group call	Dialed	09/ 02/ 2021	10:16
Extension 02	Dialed	09/ 02/ 2021	10:16
faye	Dialed	09/ 02/ 2021	09:58
faye	Dialed	09/ 02/ 2021	09:42
Phone guard unit-01	Missed	09/ 02/ 2021	09:37
OS-01	Take call	09/ 02/ 2021	09:33

OS-01	Take call	20/ 02/ 2021	10:13		🗑
faye	Dialed	09/ 02/ 2021	14:01	⊘	🗑
Extension 02	Dialed	09/ 02/ 2021	11:19		🗑
Group call	Dialed	09/ 02/ 2021	10:16		🗑
Extension 02	Dialed	09/ 02/ 2021	10:16		🗑
faye	Dialed	09/ 02/ 2021	09:58	⊘	🗑
faye	Dialed	09/ 02/ 2021	09:42	⊘	🗑
Phone guard unit-01	Missed	09/ 02/ 2021	09:37		🗑

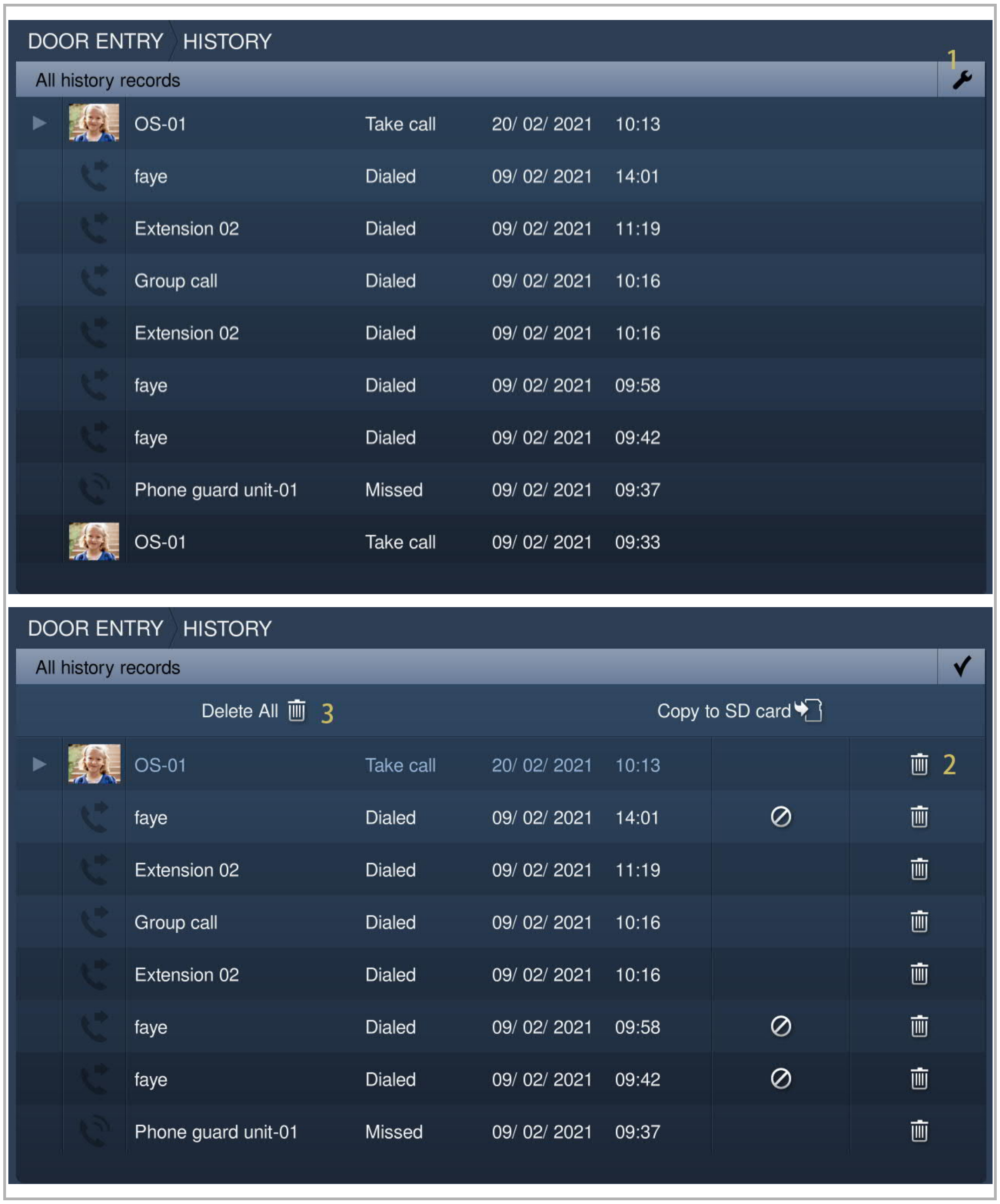
9.6.4 Removing call records

Please follow the steps below:

[1] On the "History" screen, tap " 🔧 ".

[2] Tap " 🗑 " to remove one call record.

[3] Tap "Delete all" to remove entire history records (optional).



DOOR ENTRY HISTORY

All history records

	Name	Type	Date	Time
▶	OS-01	Take call	20/ 02/ 2021	10:13
	faye	Dialed	09/ 02/ 2021	14:01
	Extension 02	Dialed	09/ 02/ 2021	11:19
	Group call	Dialed	09/ 02/ 2021	10:16
	Extension 02	Dialed	09/ 02/ 2021	10:16
	faye	Dialed	09/ 02/ 2021	09:58
	faye	Dialed	09/ 02/ 2021	09:42
	Phone guard unit-01	Missed	09/ 02/ 2021	09:37
	OS-01	Take call	09/ 02/ 2021	09:33

DOOR ENTRY HISTORY

All history records

Delete All 🗑 3 Copy to SD card

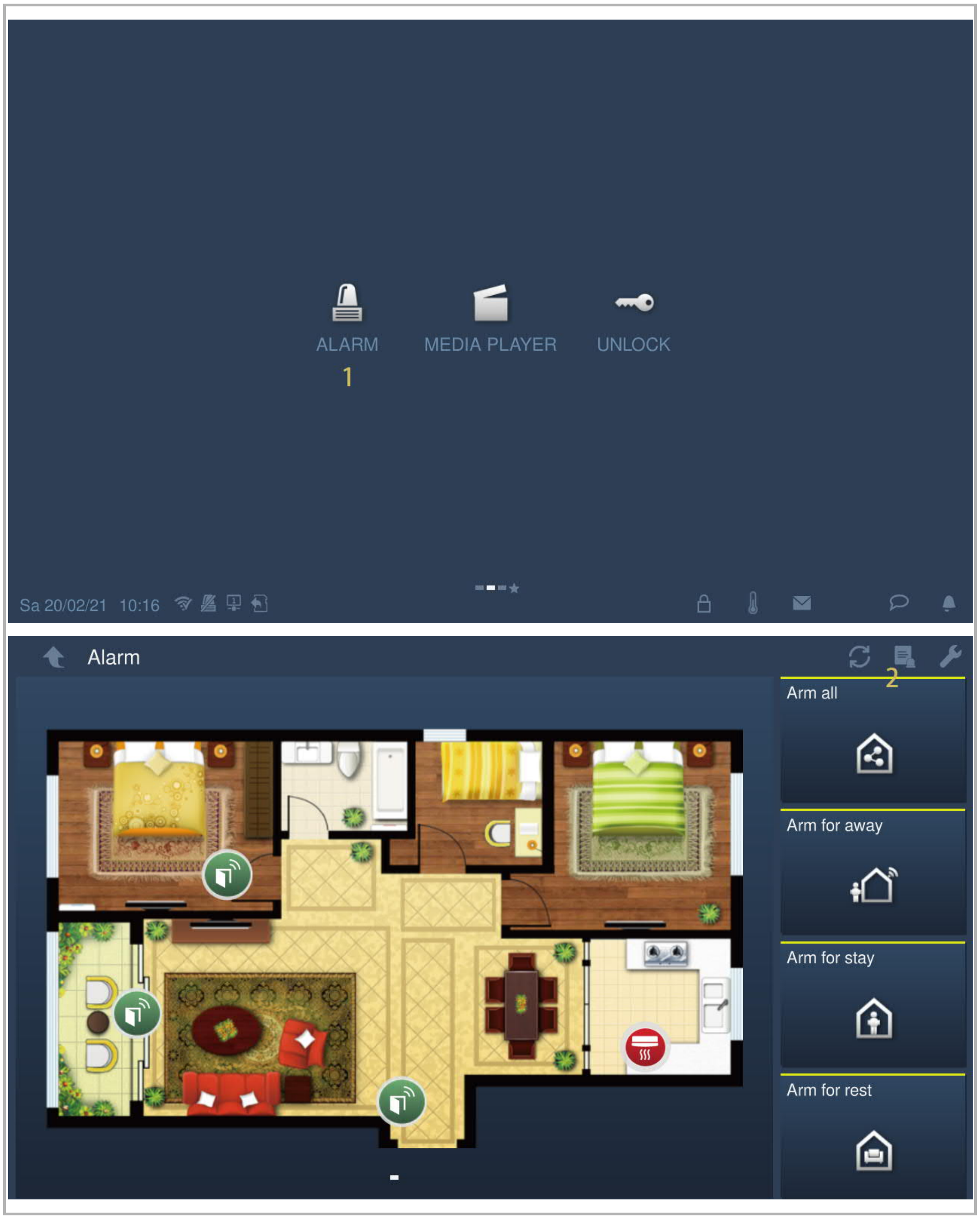
	Name	Type	Date	Time		
▶	OS-01	Take call	20/ 02/ 2021	10:13		🗑 2
	faye	Dialed	09/ 02/ 2021	14:01	⊘	🗑
	Extension 02	Dialed	09/ 02/ 2021	11:19		🗑
	Group call	Dialed	09/ 02/ 2021	10:16		🗑
	Extension 02	Dialed	09/ 02/ 2021	10:16		🗑
	faye	Dialed	09/ 02/ 2021	09:58	⊘	🗑
	faye	Dialed	09/ 02/ 2021	09:42	⊘	🗑
	Phone guard unit-01	Missed	09/ 02/ 2021	09:37		🗑

9.6.5 Viewing alarm records

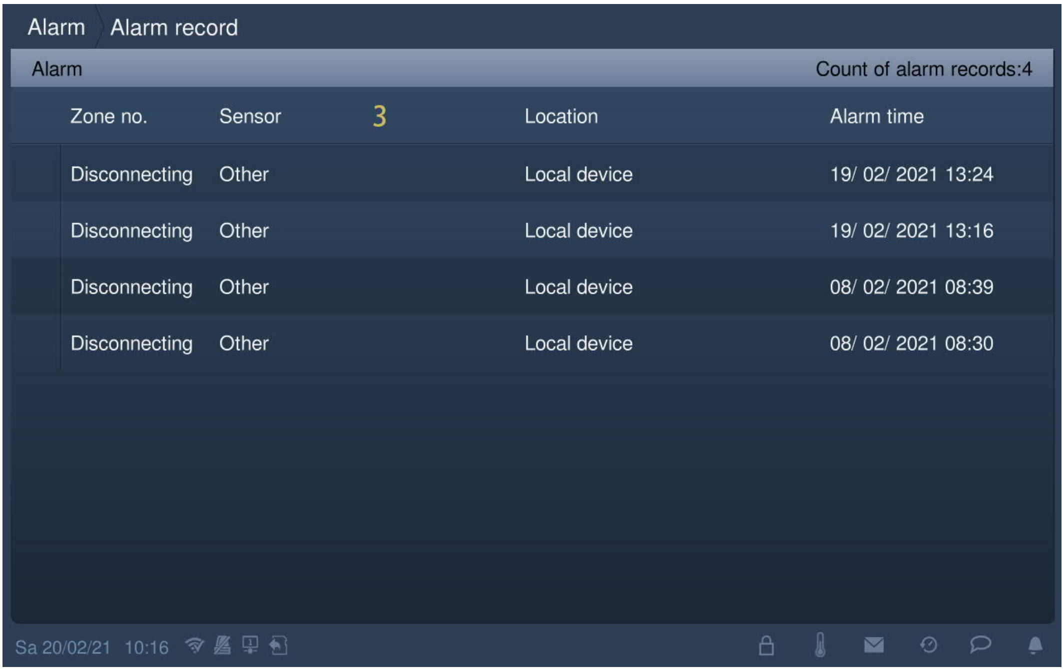
Please follow the steps below:

[1] On the extra screen, tap "Alarm".

[2] Tap " ".


ALARM
MEDIA PLAYER
UNLOCK
1
Sa 20/02/21 10:16
Alarm
2
Arm all
Arm for away
Arm for stay
Arm for rest

[3] The alarm records are displayed on the screen, tap "▶" to play the alarm video if possible.



Alarm — Count of alarm records:4

Zone no.	Sensor	Location	Alarm time
Disconnecting	Other	Local device	19/ 02/ 2021 13:24
Disconnecting	Other	Local device	19/ 02/ 2021 13:16
Disconnecting	Other	Local device	08/ 02/ 2021 08:39
Disconnecting	Other	Local device	08/ 02/ 2021 08:30

9.7 Voice message

9.7.1 Creating a voice message

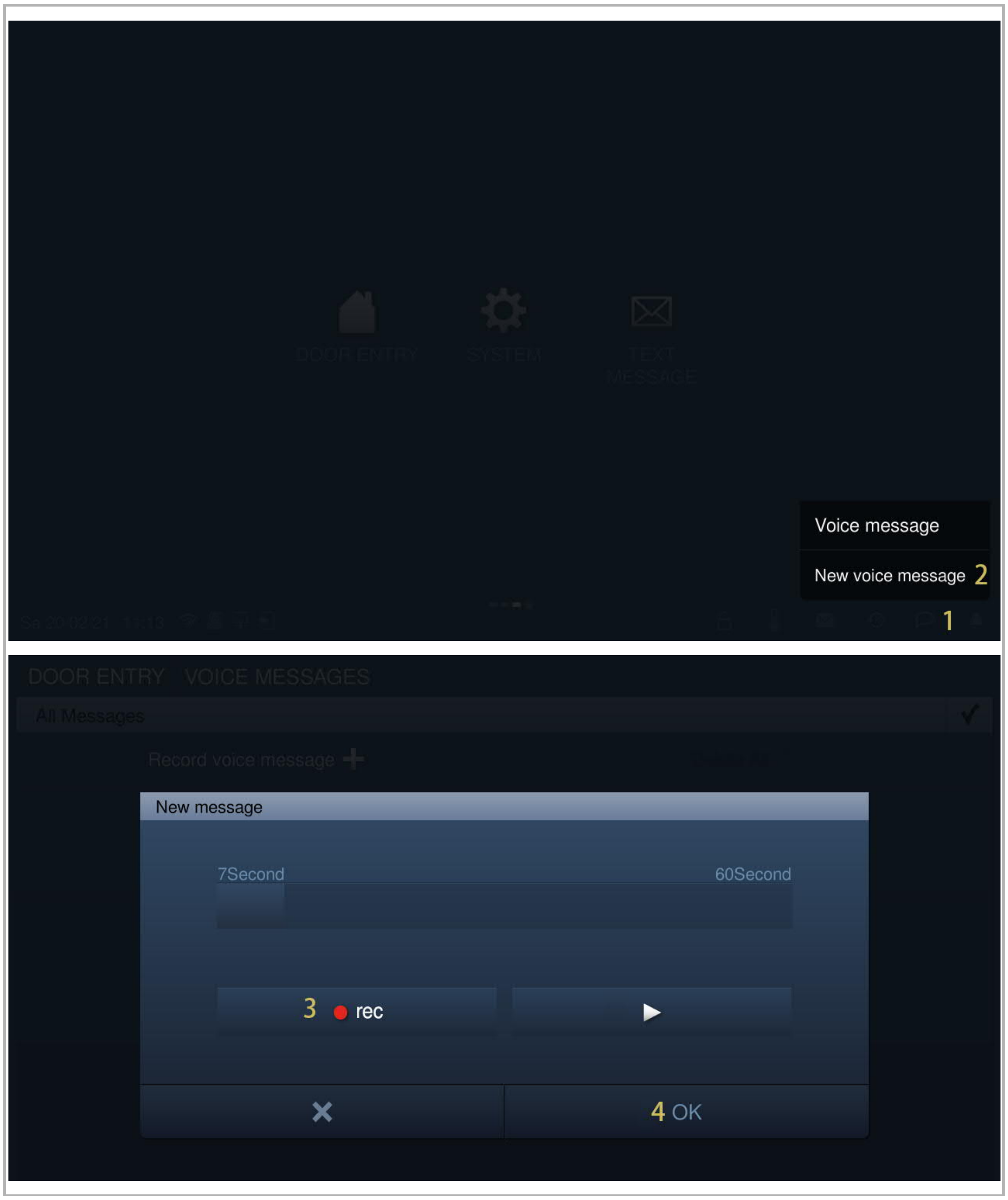
Please follow the steps below:

[1] In standby status, tap " 🗨 " on the status bar.

[2] Tap "New voice message".

[3] Tap " ● " to start the recording. Tap " ■ " to start the recording. Tap " ▶ " to play the recording.

[4] Tap "OK" to save. A maximum of 30 voice messages can be stored.

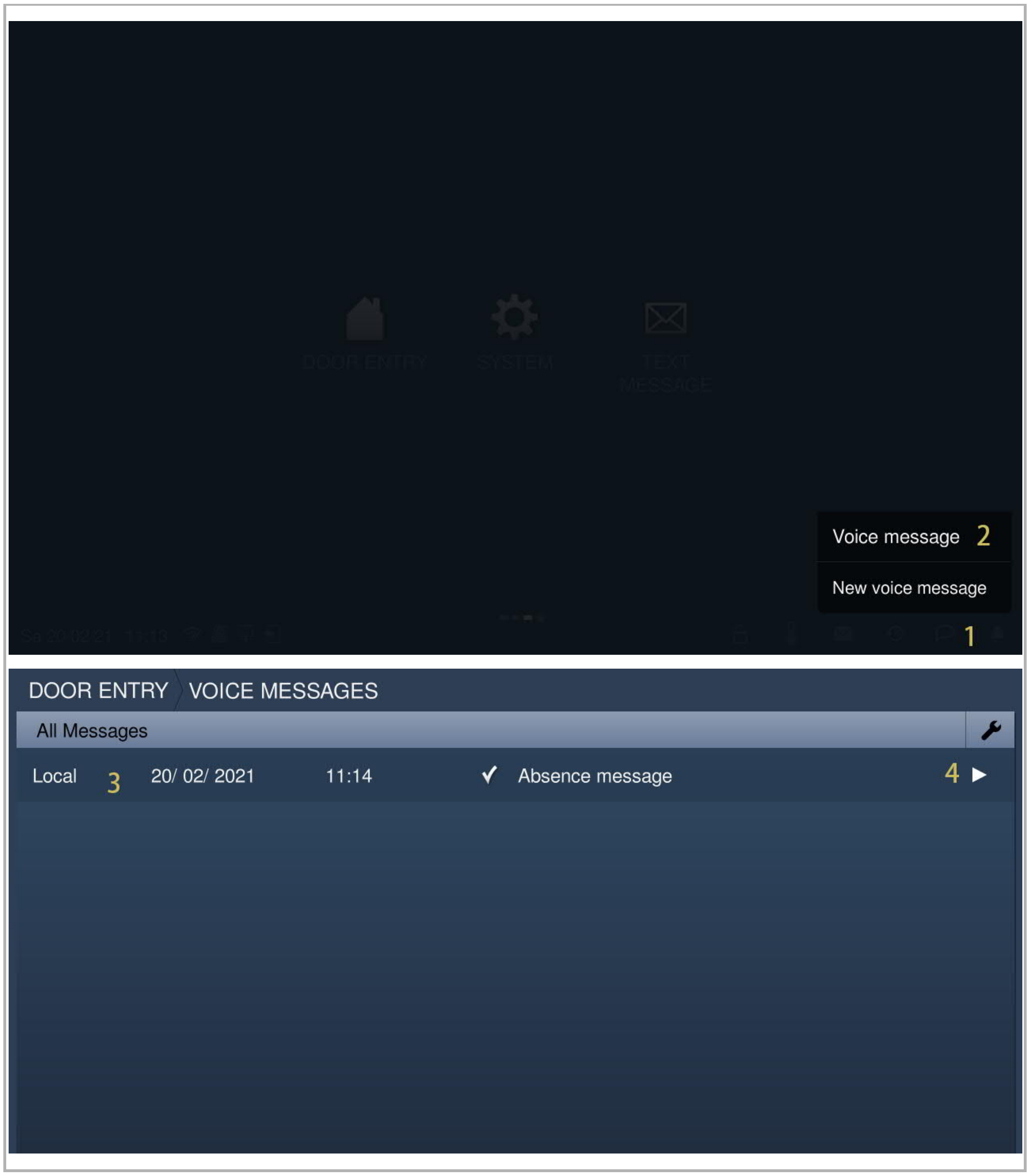

DOOR ENTRY
SYSTEM
TEXT MESSAGE
Voice message
New voice message 2
1
DOOR ENTRY VOICE MESSAGES
All Messages
Record voice message +
New message
7Second
60Second
3 ● rec
▶
✕
4 OK

9.7.2 Reading a voice message

This IP touch will flash " 💬 " on the status bar if there is an unread message.

Please follow the steps below:

[1] In standby mode, tap " 💬 " on the status bar.
[2] Tap "Voice message".
[3] The voice messages are displayed on the screen.
[4] Tap " ▶ " to play the designated voice message.


DOOR ENTRY
SYSTEM
TEXT MESSAGE
Voice message
2
New voice message
1
DOOR ENTRY
VOICE MESSAGES
All Messages
3
4

Local 20/ 02/ 2021 11:14 ✓ Absence message ▶

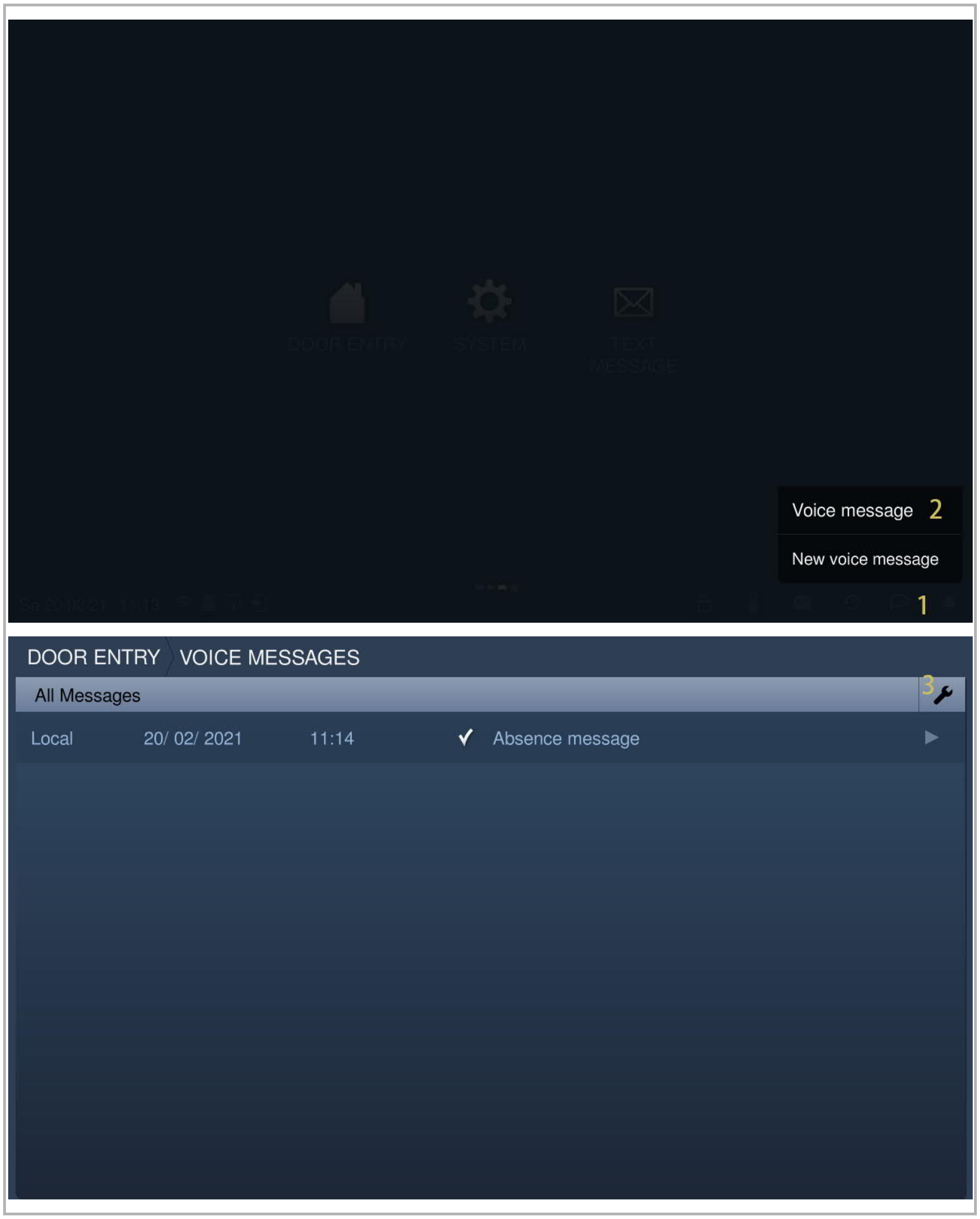
9.7.3 Removing voice messages

Please follow the steps below:

[1] In standby mode, tap " 🗨 " on the status bar.

[2] Tap "Voice message".

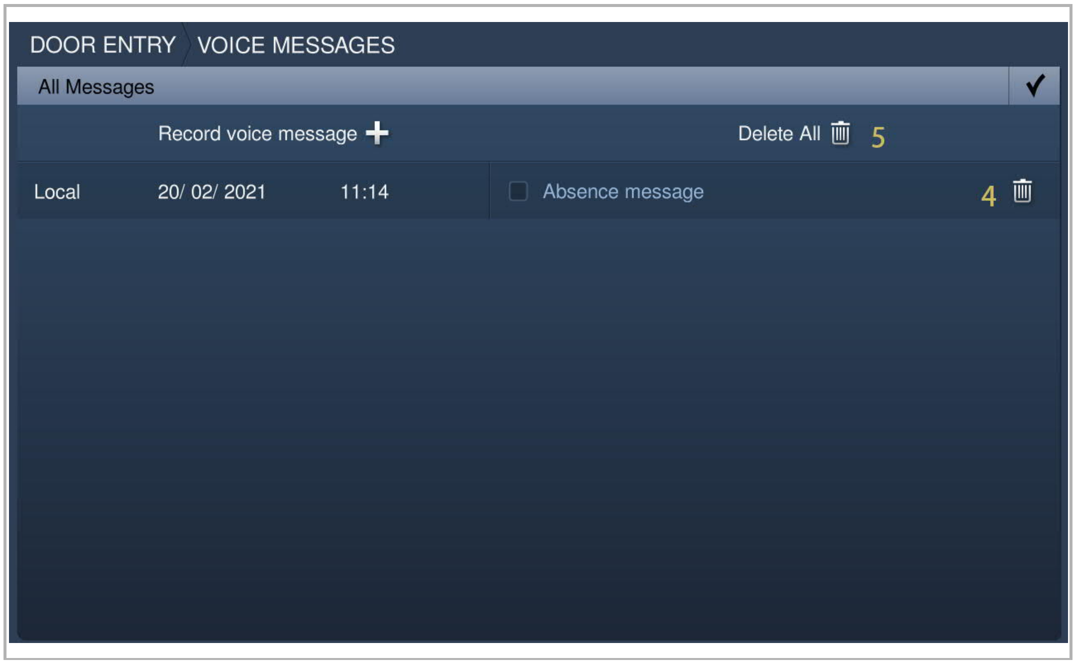
[3] Tap " 🔧 ".


DOOR ENTRY
SYSTEM
TEXT MESSAGE
Voice message
2
New voice message
1
DOOR ENTRY
VOICE MESSAGES
All Messages
3

Local 20/ 02/ 2021 11:14 ✓ Absence message

[4] Tap " 🗑 " to remove one voice message.

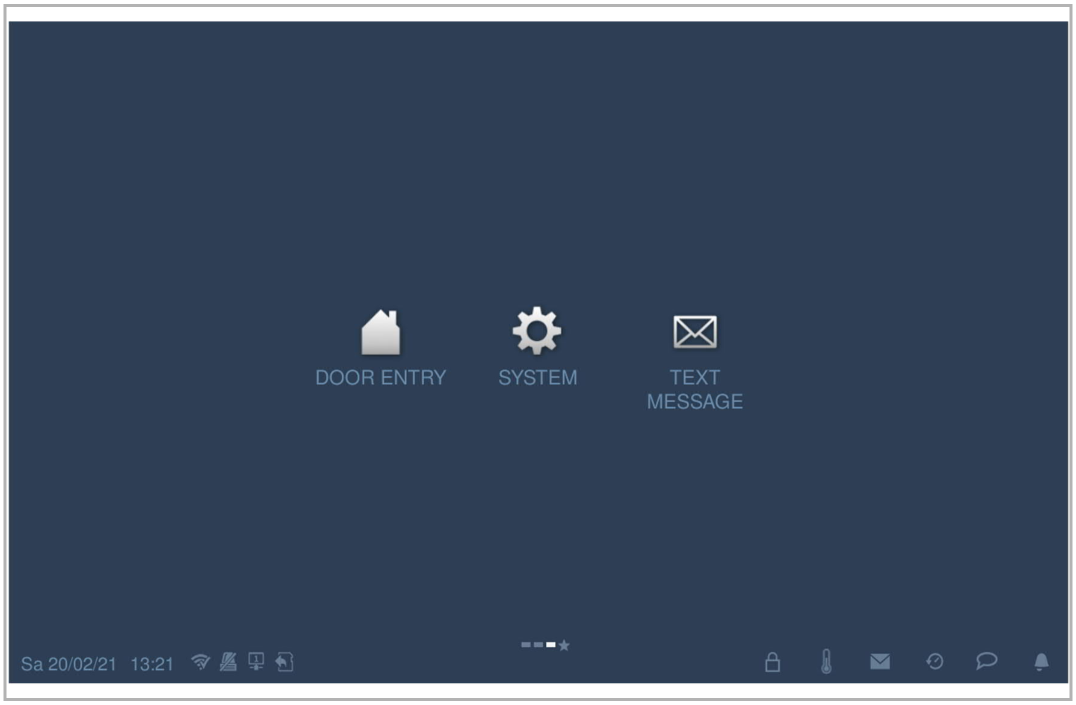
[5] Tap "Delete all" to remove all voice messages (optional).


DOOR ENTRY
VOICE MESSAGES
All Messages
✓
Record voice message +
Delete All 🗑
5
Local
20/ 02/ 2021
11:14
☐ Absence message
4
🗑

9.8 Text message

9.8.1 Accessing the "Text message" screen

On the extra screen, tap "Text message" to access the corresponding screen.


DOOR ENTRY
SYSTEM
TEXT MESSAGE
Sa 20/02/21 13:21

9.8.2 Sending a text message

The IP touch can send text messages to the management software.

Please follow the steps below:

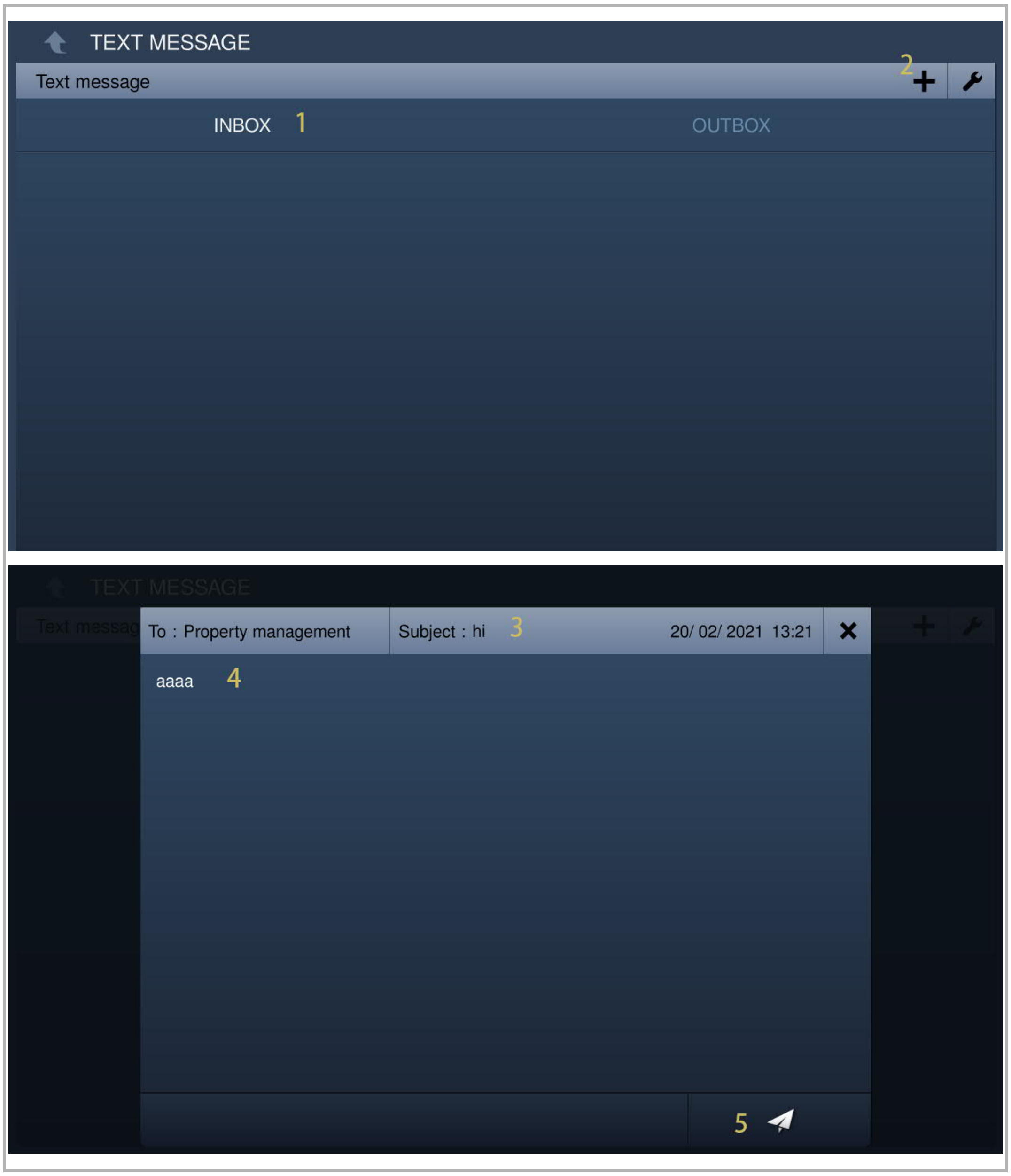
[1] On the "Text message" screen, tap " Inbox".

[2] Tap " + ".

[3] Enter the subject.

[4] Enter the content.

[5] Tap " ✈ " to send this message to the management software.



To : Property management

Subject : hi

20/ 02/ 2021 13:21

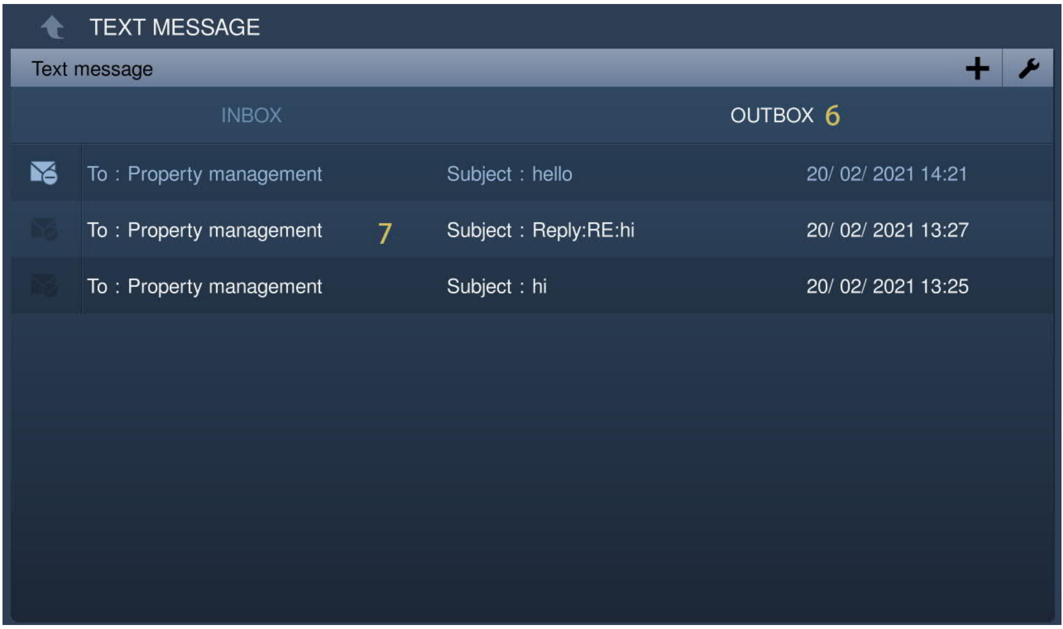
aaaa

TEXT MESSAGE
Text message
2
INBOX
1
OUTBOX
TEXT MESSAGE
Text message
3
4
5

[6] Tap "Outbox".

[7] The sent text message is displayed on the screen. " ✉ " means an undelivered message.

[8] If the message is marked as " ✉ ", tap the message, followed by " ➤ " to send this message again.



✉	To : Property management	Subject : hello	20/ 02/ 2021 14:21
✉	To : Property management	Subject : Reply:RE:hi	20/ 02/ 2021 13:27
✉	To : Property management	Subject : hi	20/ 02/ 2021 13:25

9.8.3 Replying to a text message

Note

In standby status, this IP touch will flash "✉" on the status bar if there is an unread text message from the management software.

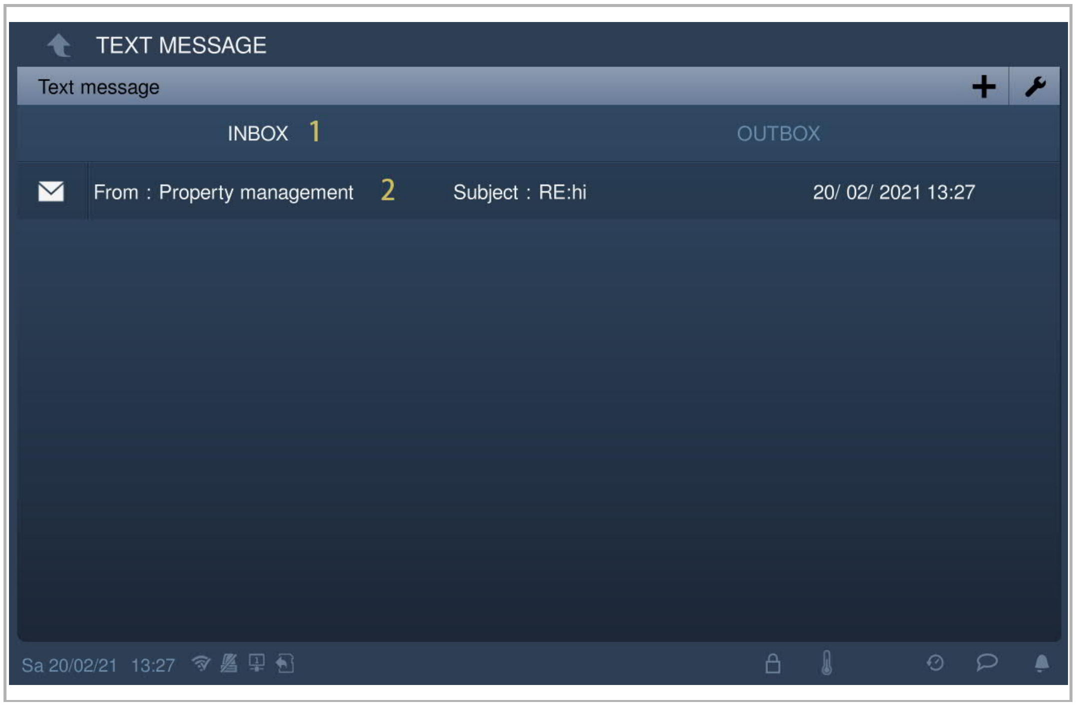
Please follow the steps below:

[1] On the "Text message" screen, tap "Inbox".

[2] Tap the designated message.

Note

A maximum of 30 text messages can be supported. Highlighting indicates unread status.

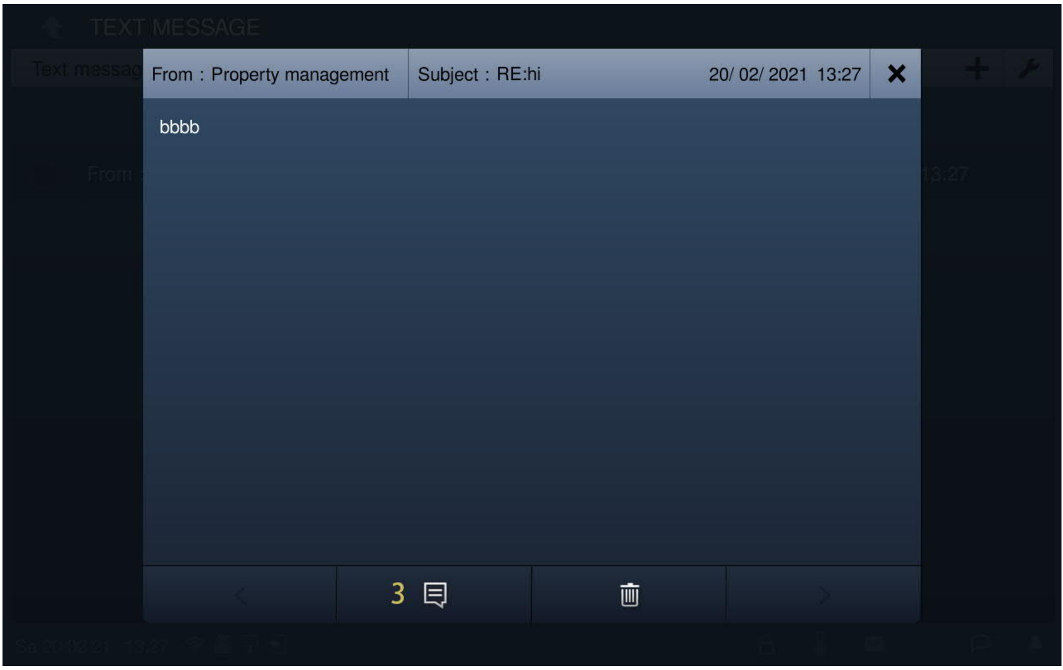

TEXT MESSAGE
Text message
INBOX
1
OUTBOX
2
Sa 20/02/21 13:27

From : Property management Subject : RE:hi 20/ 02/ 2021 13:27

[3] Tap " 🗨 ".

[4] Enter the content.

[5] Tap " ✈ " to reply this message to the management software.



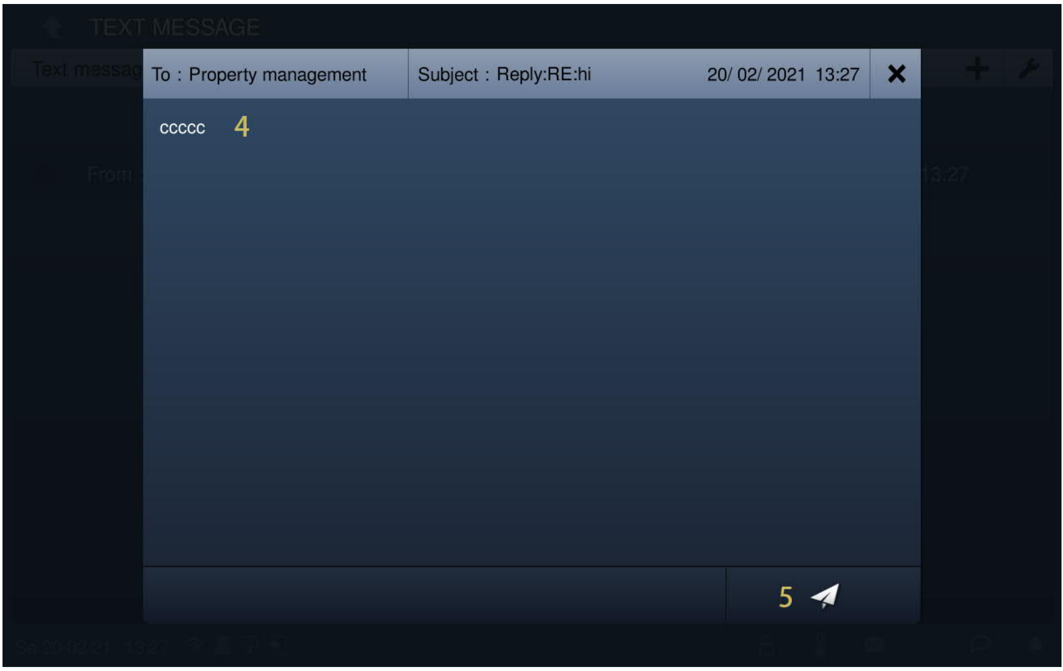
From : Property management

Subject : RE:hi

20/ 02/ 2021 13:27

bbbb

TEXT MESSAGE
Text messag
From
✕
3



To : Property management

Subject : Reply:RE:hi

20/ 02/ 2021 13:27

ccccc

TEXT MESSAGE
Text messag
From
✕
4
5

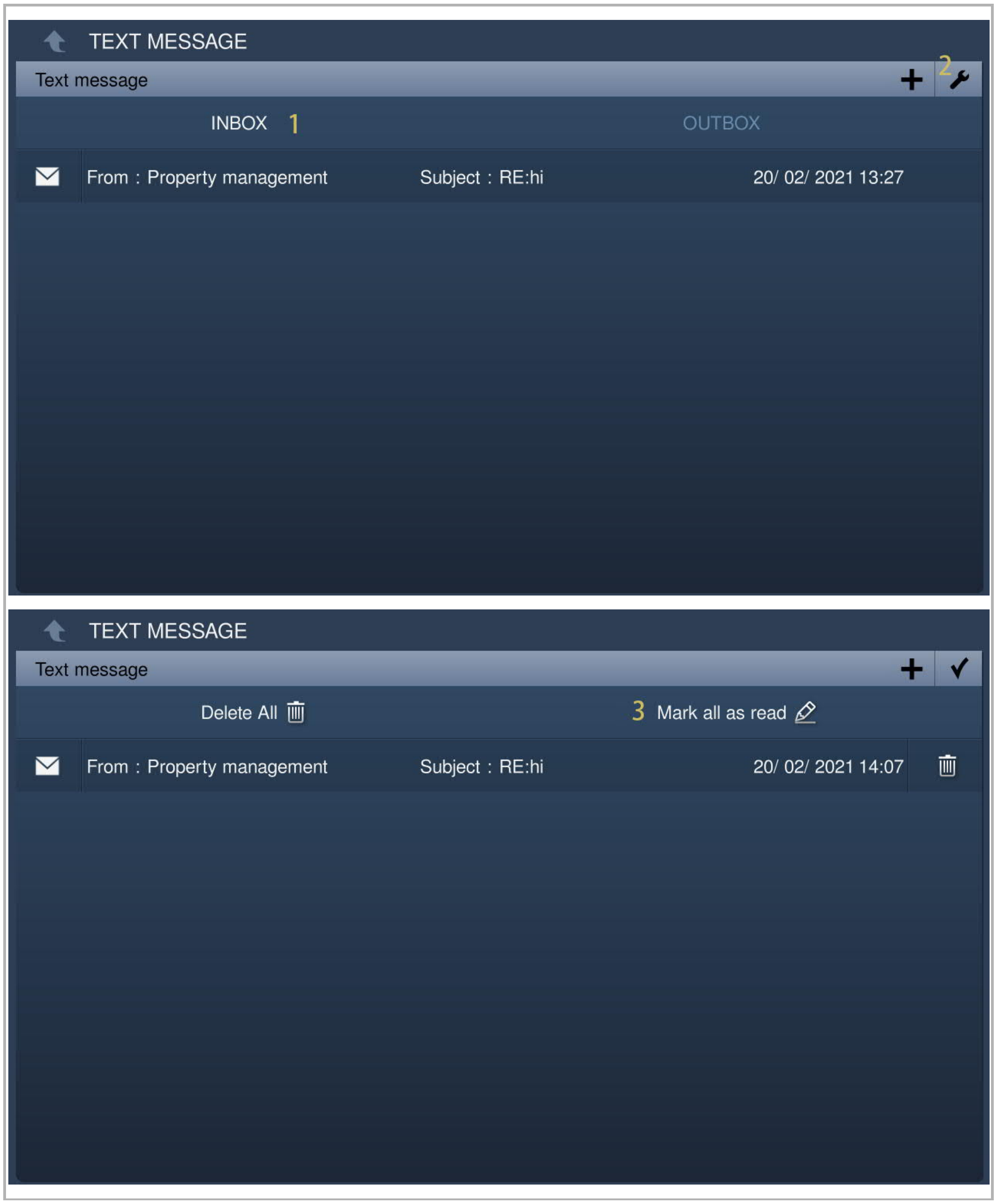
9.8.4 Marking all text messages as read

Please follow the steps below:

[1] On the "Text message" screen, tap "Inbox".

[2] Tap " 🔧 ".

[3] Tap "Mark all as read".


TEXT MESSAGE
Text message
+
2
INBOX
1
OUTBOX
TEXT MESSAGE
Text message
+
✓
Delete All
3
Mark all as read

From : Property management Subject : RE:hi 20/ 02/ 2021 13:27

From : Property management Subject : RE:hi 20/ 02/ 2021 14:07

9.8.5 Removing text messages

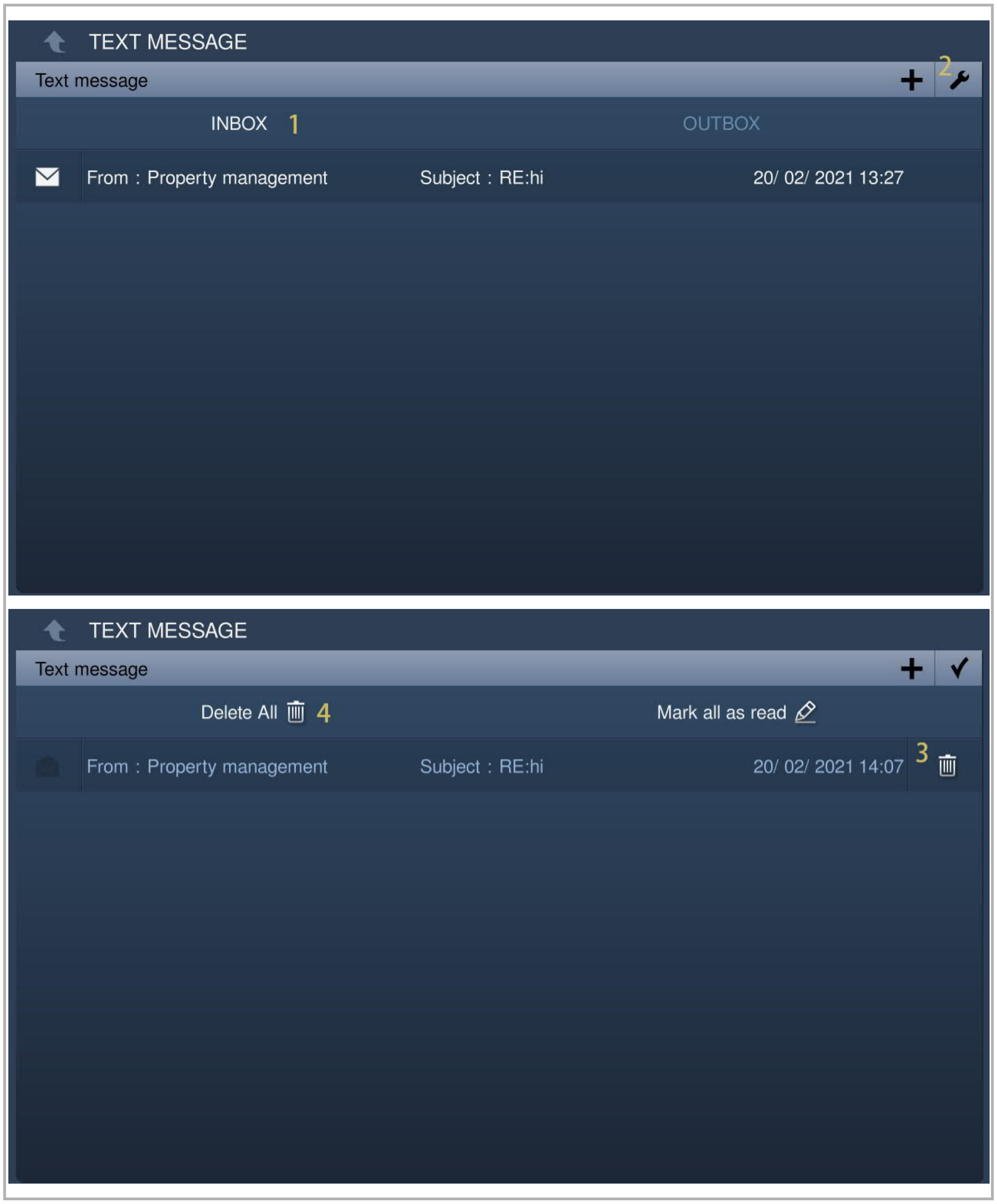
Please follow the steps below:

[1] On the "Text message" screen, tap "Inbox".

[2] Tap " 🔧 ".

[3] Tap " 🗑 " to remove one text message.

[4] Tap "Delete all" to remove all text messages (optional).


TEXT MESSAGE
Text message
+
2
INBOX
1
OUTBOX
TEXT MESSAGE
Text message
+
✓
Delete All
4
Mark all as read
3

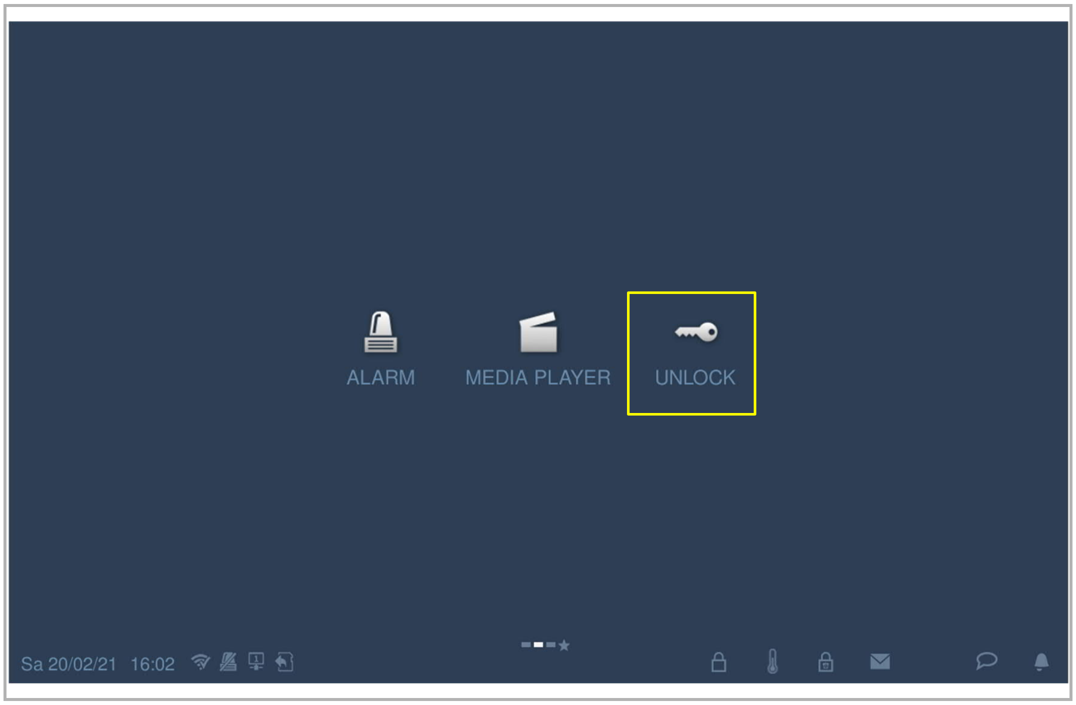
From : Property management Subject : RE:hi 20/ 02/ 2021 13:27

From : Property management Subject : RE:hi 20/ 02/ 2021 14:07

9.9 Standby unlock

9.9.1 Accessing the "Standby unlock" screen

On the extra screen, tap "Unlock" to access the corresponding screen.

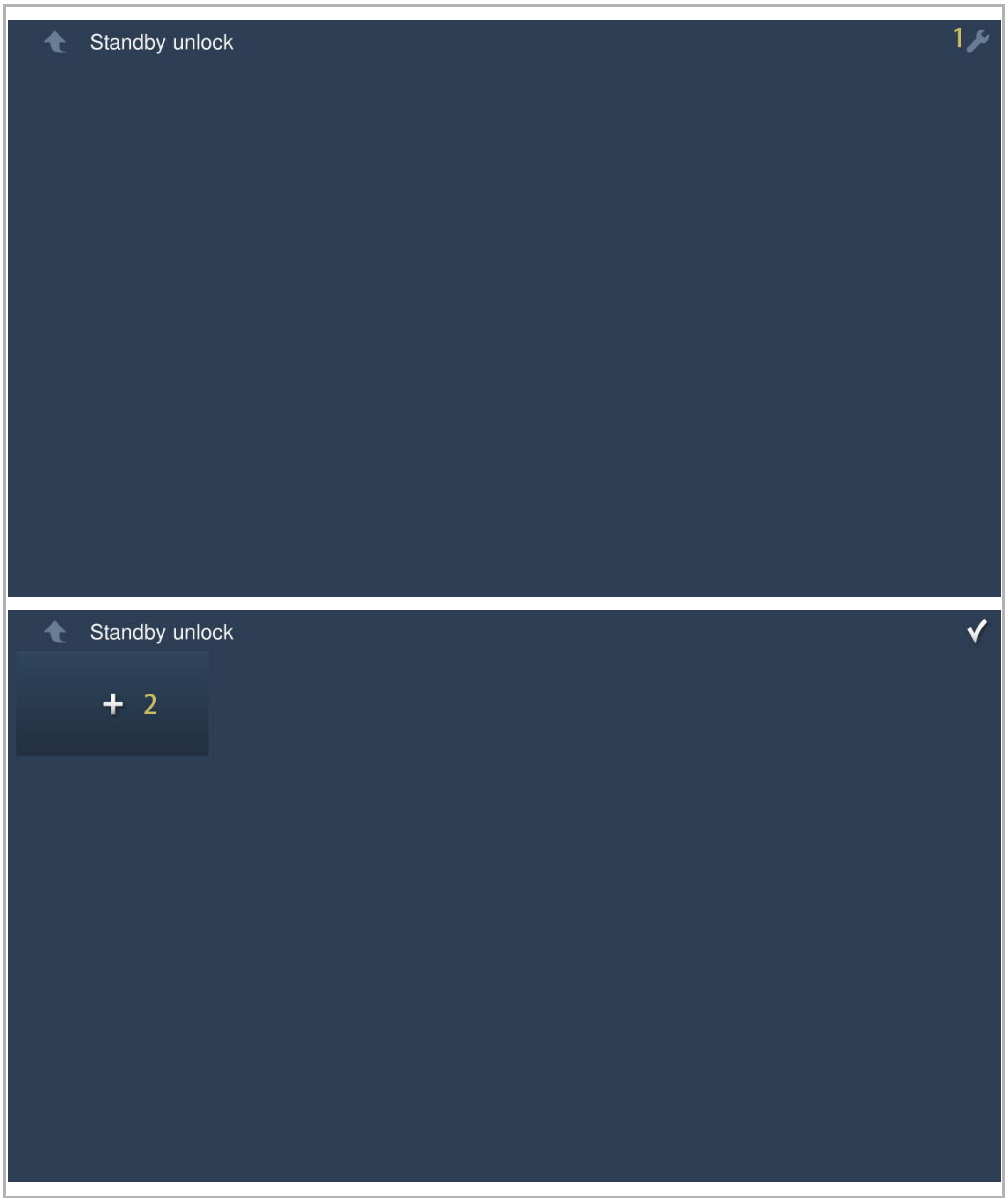

ALARM
MEDIA PLAYER
UNLOCK
Sa 20/02/21 16:02

9.9.2 Adding a lock

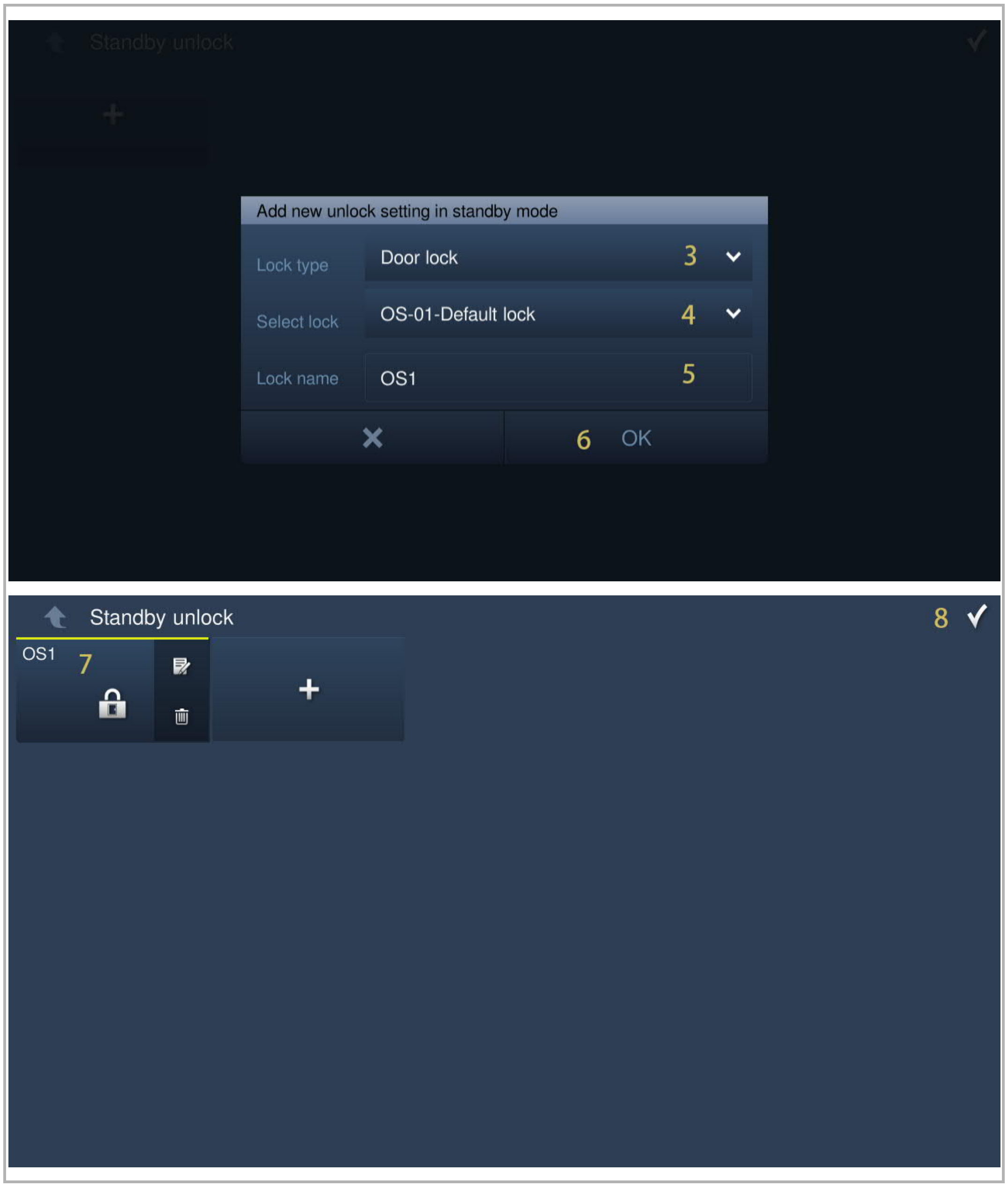
Please follow the steps below:

[1] On the "Standby unlock" screen, tap " 🔧 ".

[2] Tap "+".


Standby unlock
1
Standby unlock
✓
+
2

[3] Select lock type from the drop-down list. It can be set to "Door lock" or "Actuator lock".
[4] Select the lock from the drop-down list.
[5] Enter the alias name of the lock.
[6] Tap "OK".
[7] The result is displayed on the screen. (🔒 = Door lock, 🔒 = Actuator lock)
[8] Tap " ✓ " to exit the setting.



Add new unlock setting in standby mode

Lock type: Door lock

Select lock: OS-01-Default lock

Lock name: OS1

Standby unlock

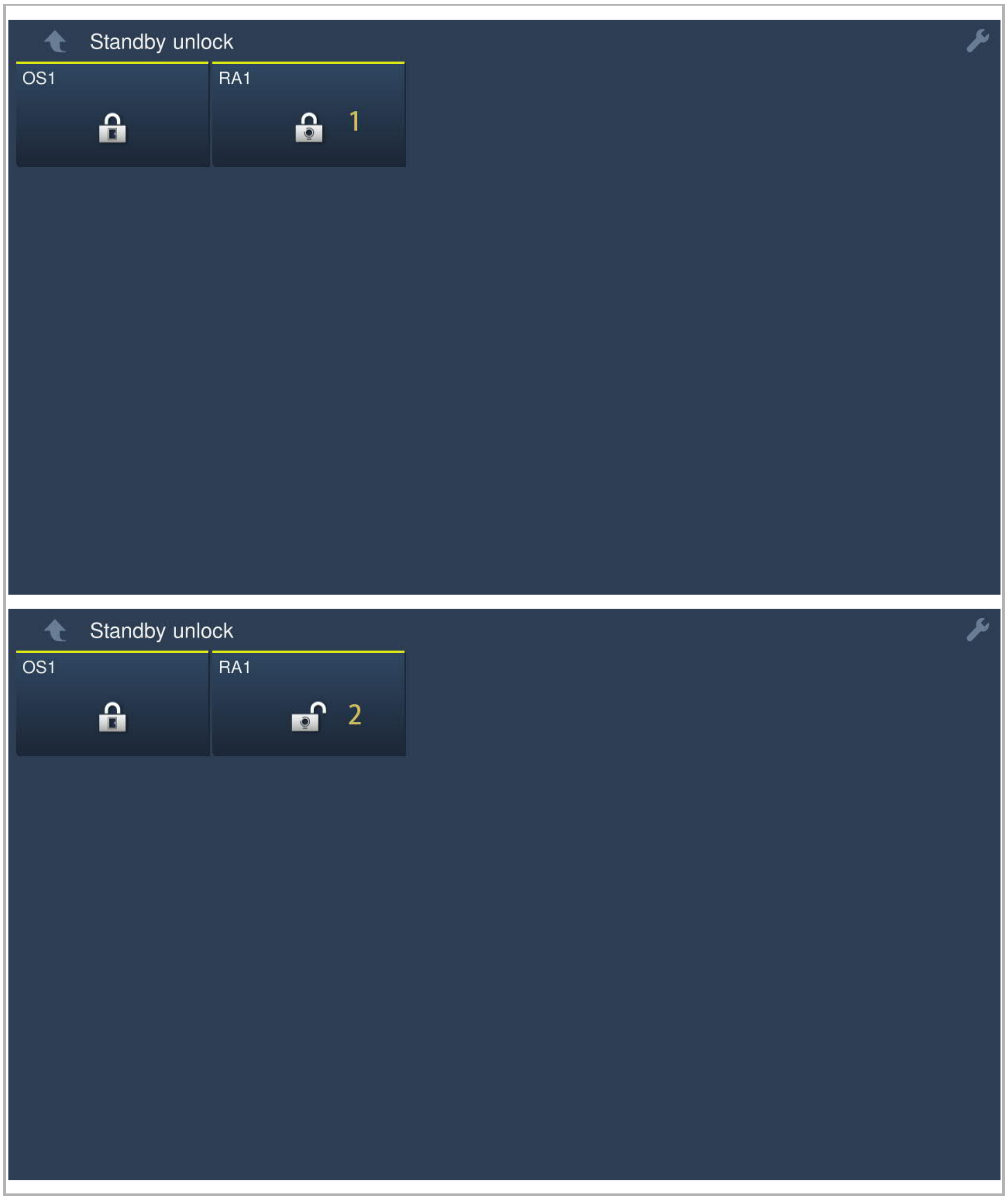
OS1

9.9.3 Releasing a lock

Please follow the steps below:

[1] On the "Standby unlock" screen, tap the designated lock icon.

[2] The designated lock is released.

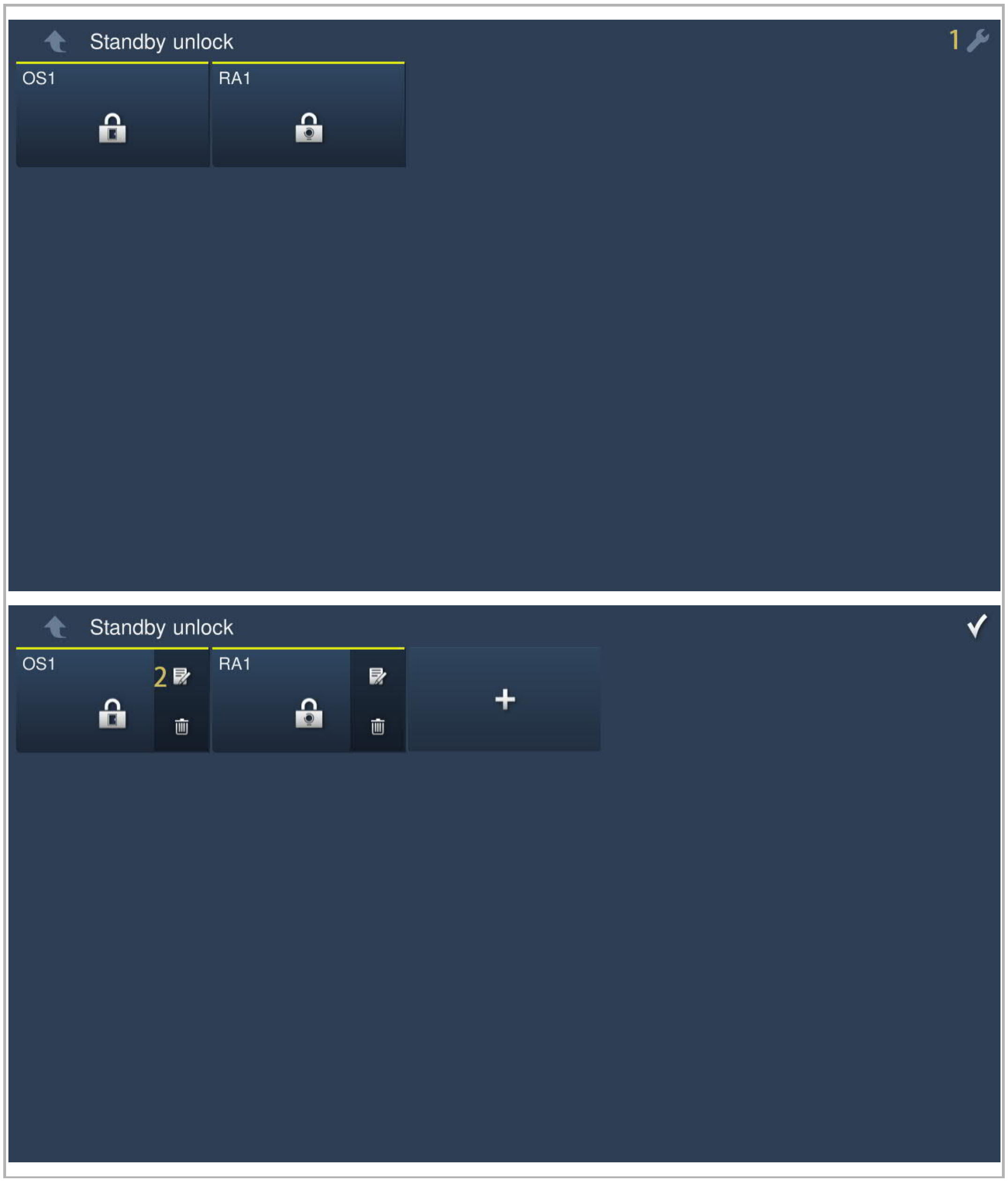

Standby unlock
OS1
RA1
1
Standby unlock
OS1
RA1
2

9.9.4 Editing a lock

Please follow the steps below:

[1] On the "Standby unlock" screen, tap " 🔧 ".

[2] Tap " 📝 " to edit the lock information.

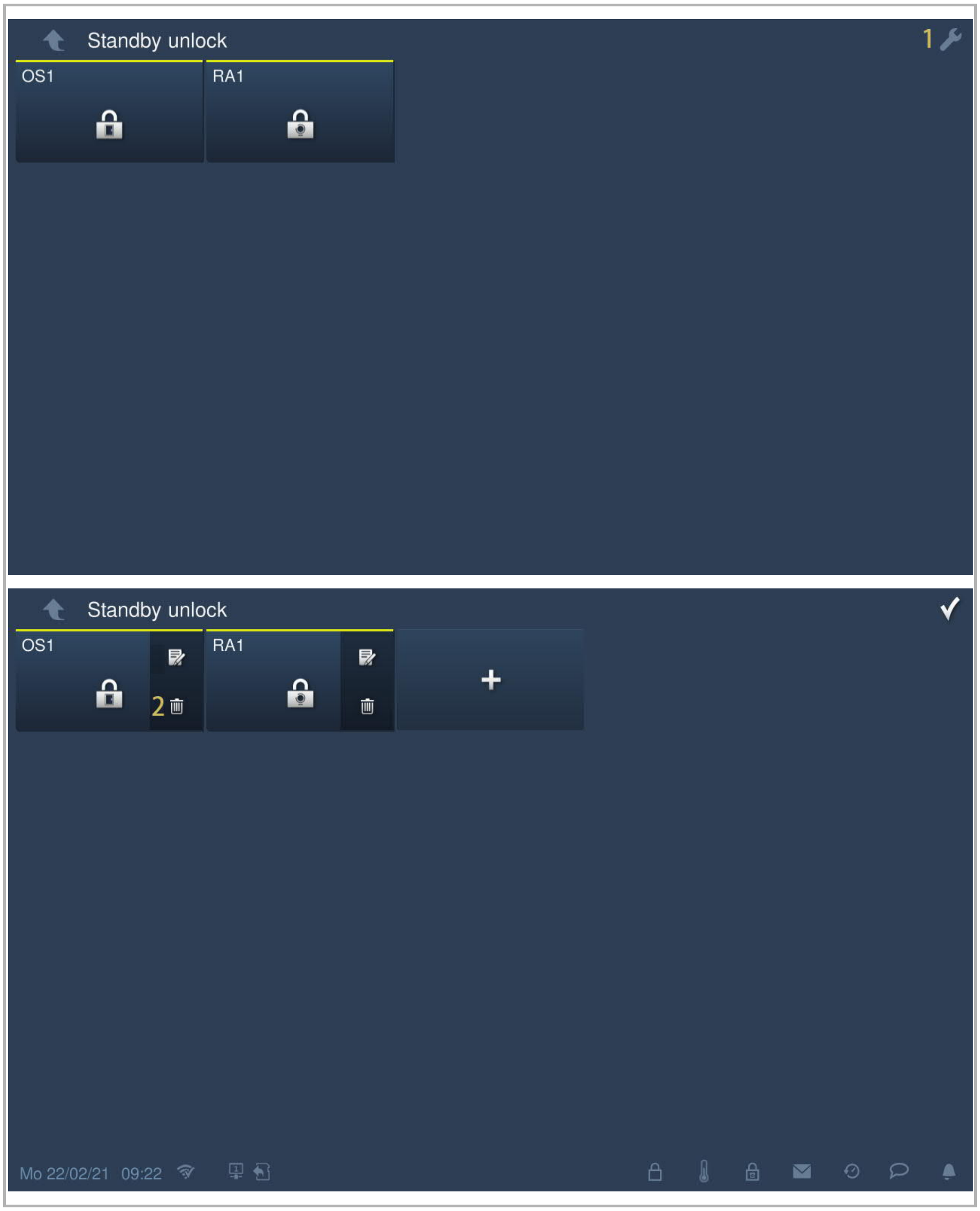

Standby unlock
1
OS1
RA1
Standby unlock
OS1
2
RA1
+

9.9.5 Removing a lock

Please follow the steps below:

[1] On the "Standby unlock" screen, tap " 🔧 ".

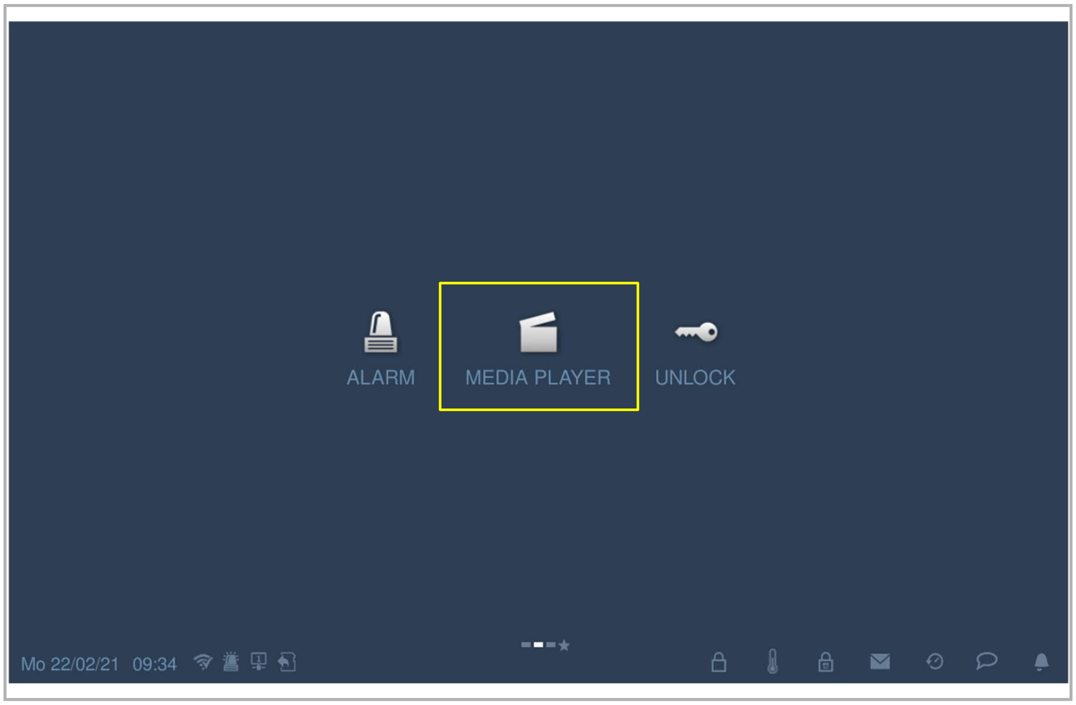
[2] Tap " 🗑 " to remove the lock.


Standby unlock
1
OS1
RA1
Standby unlock
OS1
2
RA1
+
Mo 22/02/21 09:22

9.10 Media player

9.10.1 Accessing the "Media player" screen

On the extra screen, tap "Media player" to access the corresponding screen.


ALARM
MEDIA PLAYER
UNLOCK
Mo 22/02/21 09:34

9.10.2 Playing audios or videos

Note

Please insert an SD card into the IP touch before use.

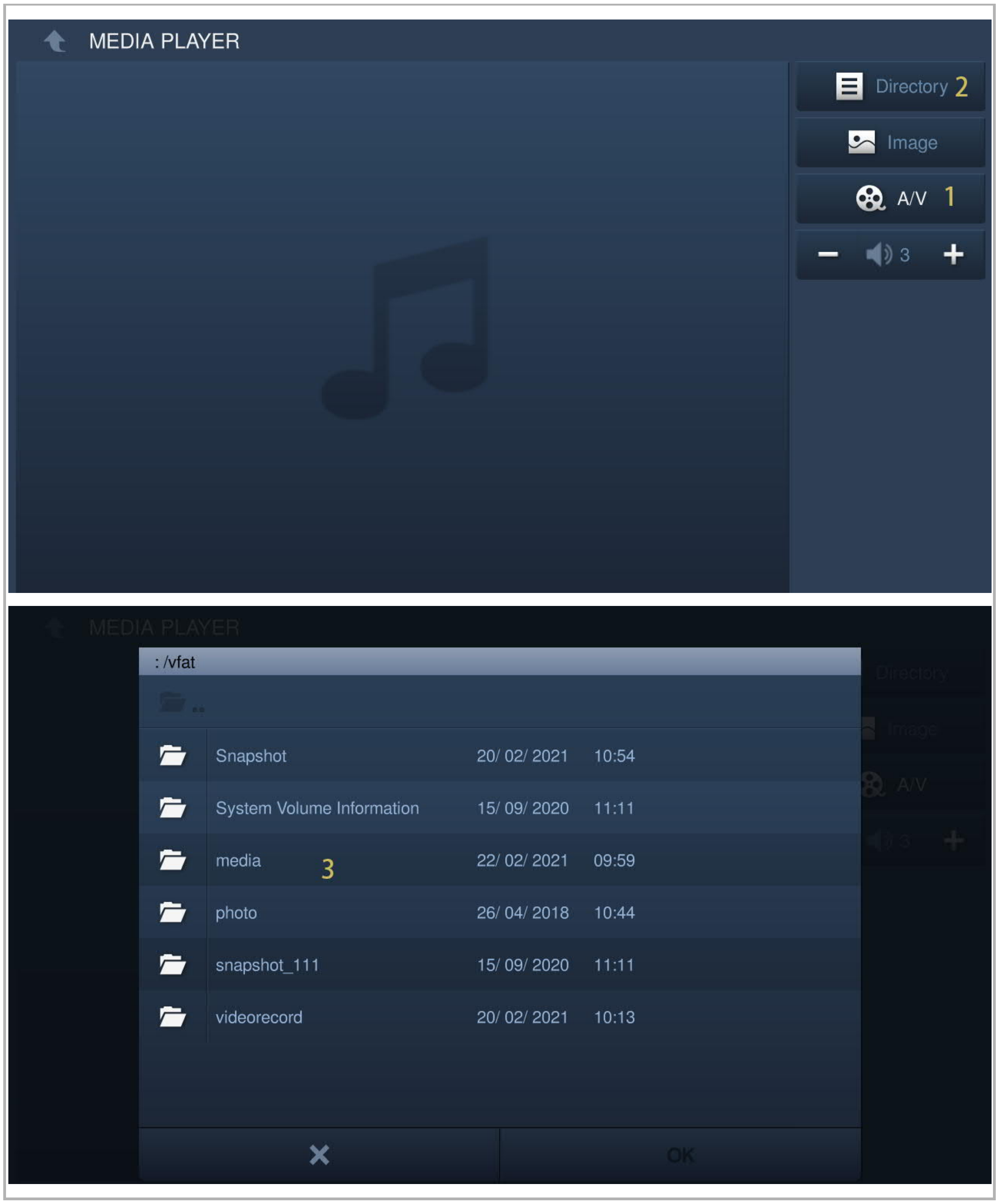
It is recommended to create a folder called "Media" in the root directory of the SD card before use.

Please follow the steps below:

[1] On the "Media player" screen, tap "A/V".

[2] Tap "Directory".

[3] Tap to select the designated folder.


MEDIA PLAYER
Directory 2
Image
A/V 1
3
MEDIA PLAYER
: /vfat
..
3
OK

Snapshot	20/ 02/ 2021	10:54
System Volume Information	15/ 09/ 2020	11:11
media	22/ 02/ 2021	09:59
photo	26/ 04/ 2018	10:44
snapshot_111	15/ 09/ 2020	11:11
videorecord	20/ 02/ 2021	10:13

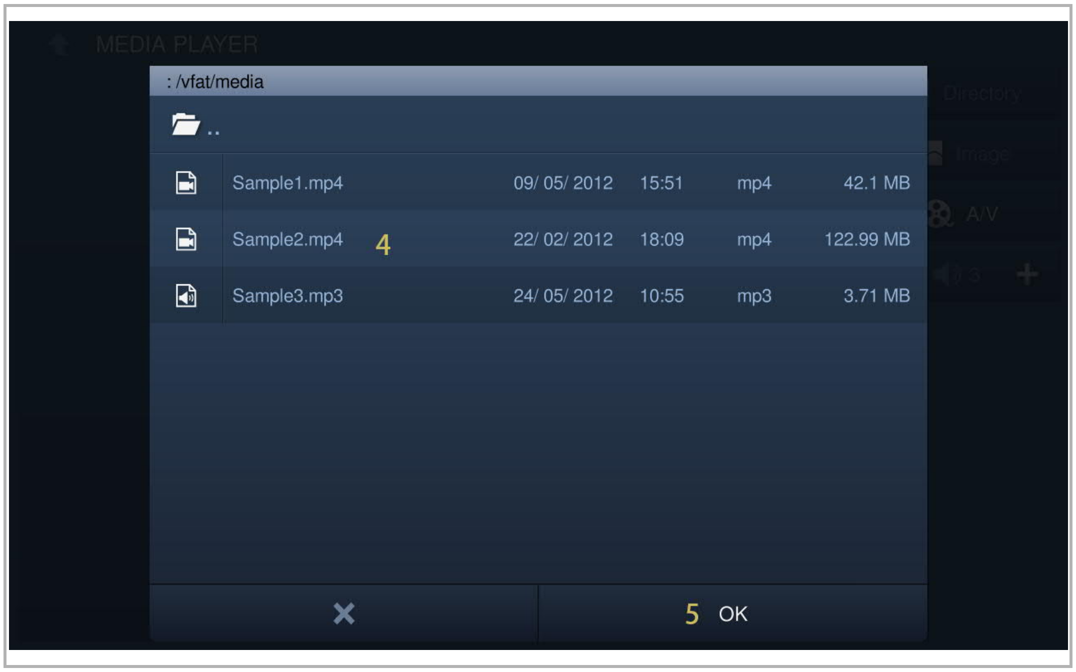
[4] Tap to select the designated audio or video.

[5] Tap "OK".

Note

Media format supported: .mp3, .wav, .mp4, .avi.

The maximum video solution is 1920 x 1080.



: /vfat/media

..

Sample1.mp4	09/ 05/ 2012	15:51	mp4	42.1 MB
Sample2.mp4	22/ 02/ 2012	18:09	mp4	122.99 MB
Sample3.mp3	24/ 05/ 2012	10:55	mp3	3.71 MB

MEDIA PLAYER
Directory
Image
A/V
4
×
5
OK

9.10.3 Playing photos

Note

Please insert an SD card into the IP touch before use.

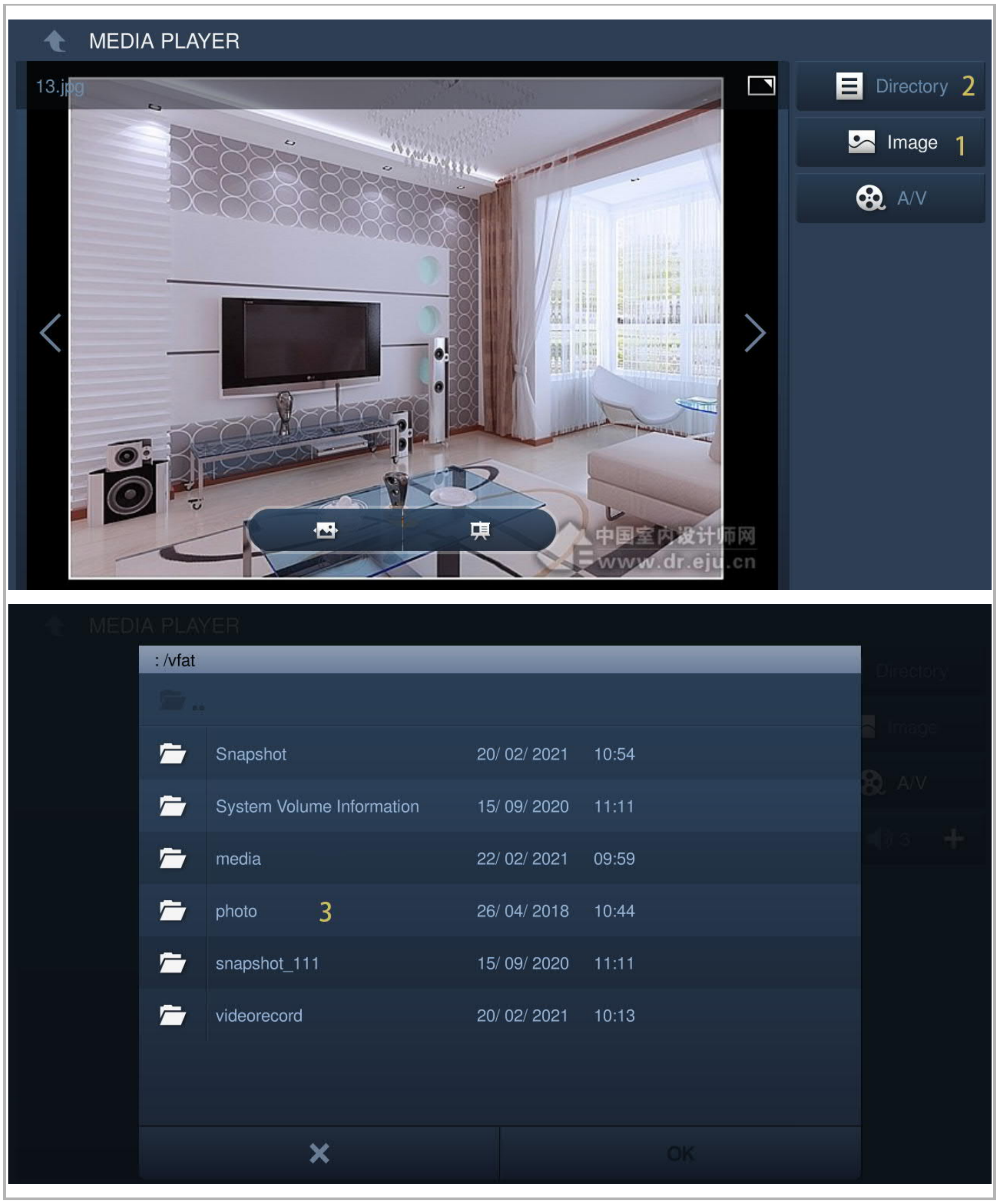
It is recommended to create a folder called "Photo" in the root directory of the SD card before use.

Please follow the steps below:

[1] On the "Media player" screen, tap "Image".

[2] Tap "Directory".

[3] Tap to select the designated folder.


MEDIA PLAYER
13.jpg
Directory 2
Image 1
A/V
中国室内设计师网
www.dr.eju.cn
MEDIA PLAYER
Directory
Image
A/V
OK

: /vfat

..		
Snapshot	20/ 02/ 2021	10:54
System Volume Information	15/ 09/ 2020	11:11
media	22/ 02/ 2021	09:59
photo 3	26/ 04/ 2018	10:44
snapshot_111	15/ 09/ 2020	11:11
videorecord	20/ 02/ 2021	10:13

[4] Tap to select the designated picture.

[5] Tap "OK".

[6] Tap " 🖼 " to play the pictures as a slideshow (full screen by default).

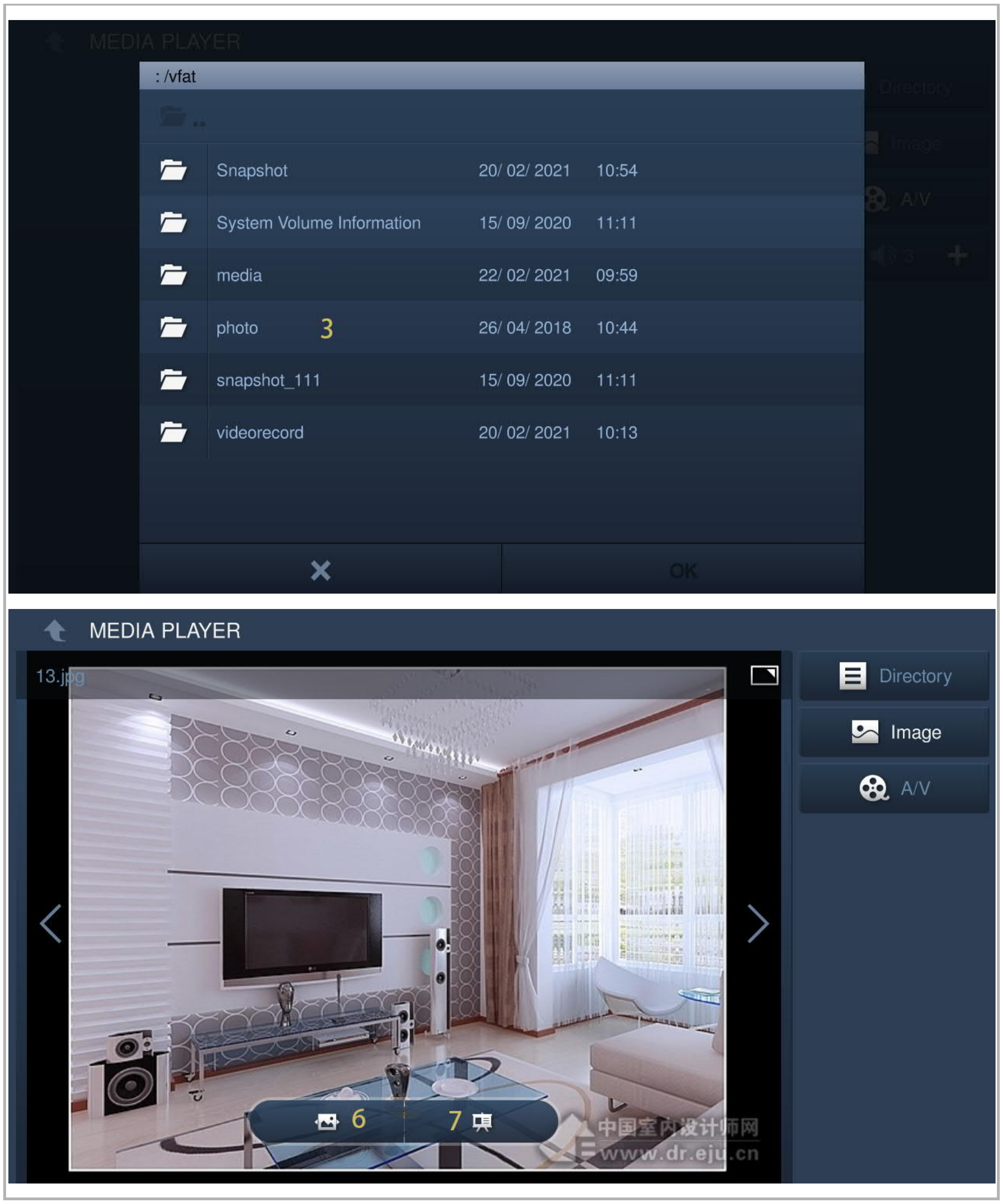
[7] Tap " 📽 " to set the transition when displaying multiple photos.

Note

Photo formats supported: .jpg, .png

The maximum photo solution is 2048 x 1920.

The maximum photo size is 3 M.



: /vfat

..		
Snapshot	20/ 02/ 2021	10:54
System Volume Information	15/ 09/ 2020	11:11
media	22/ 02/ 2021	09:59
photo	26/ 04/ 2018	10:44
snapshot_111	15/ 09/ 2020	11:11
videorecord	20/ 02/ 2021	10:13

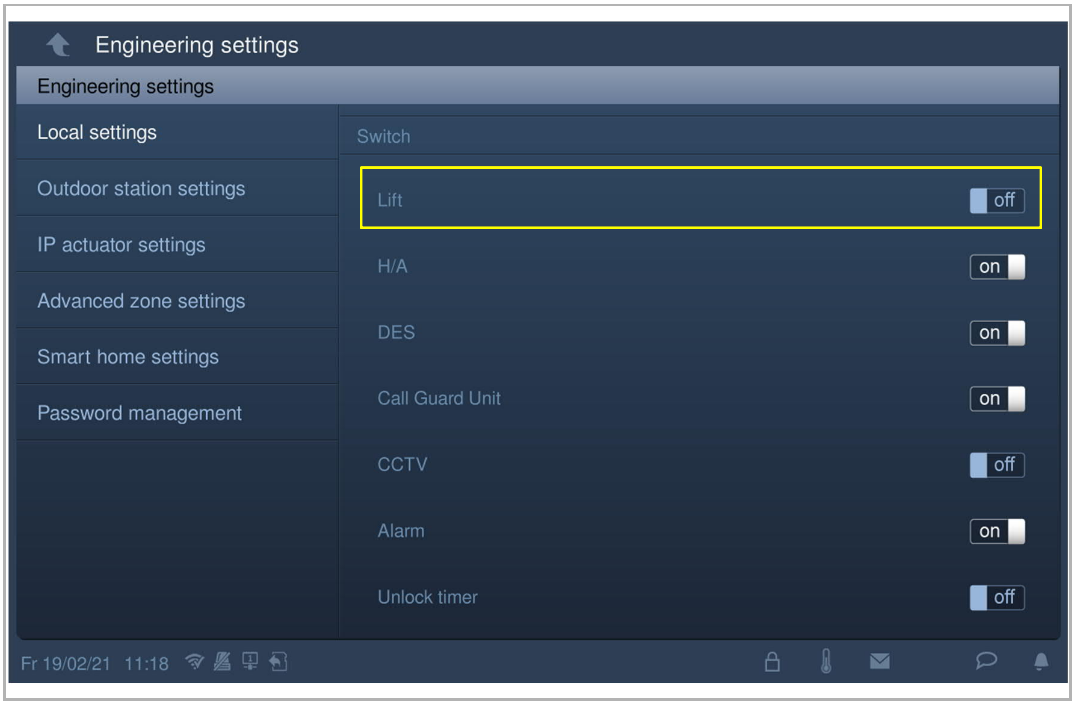
MEDIA PLAYER
3
OK
Directory
Image
A/V
13.jpg
6
7
中国室内设计师网
www.dr.eju.cn

9.11 Call the lift

9.11.1 Precondition

Please ensure the follow settings are carried out before use.

- On the "Engineering settings", "Local settings" screen, the "Lift" function is enabled.



Engineering settings
Engineering settings
Local settings
Outdoor station settings
IP actuator settings
Advanced zone settings
Smart home settings
Password management
Switch
Fr 19/02/21 11:18

Lift off

H/A on

DES on

Call Guard Unit on

CCTV off

Alarm on

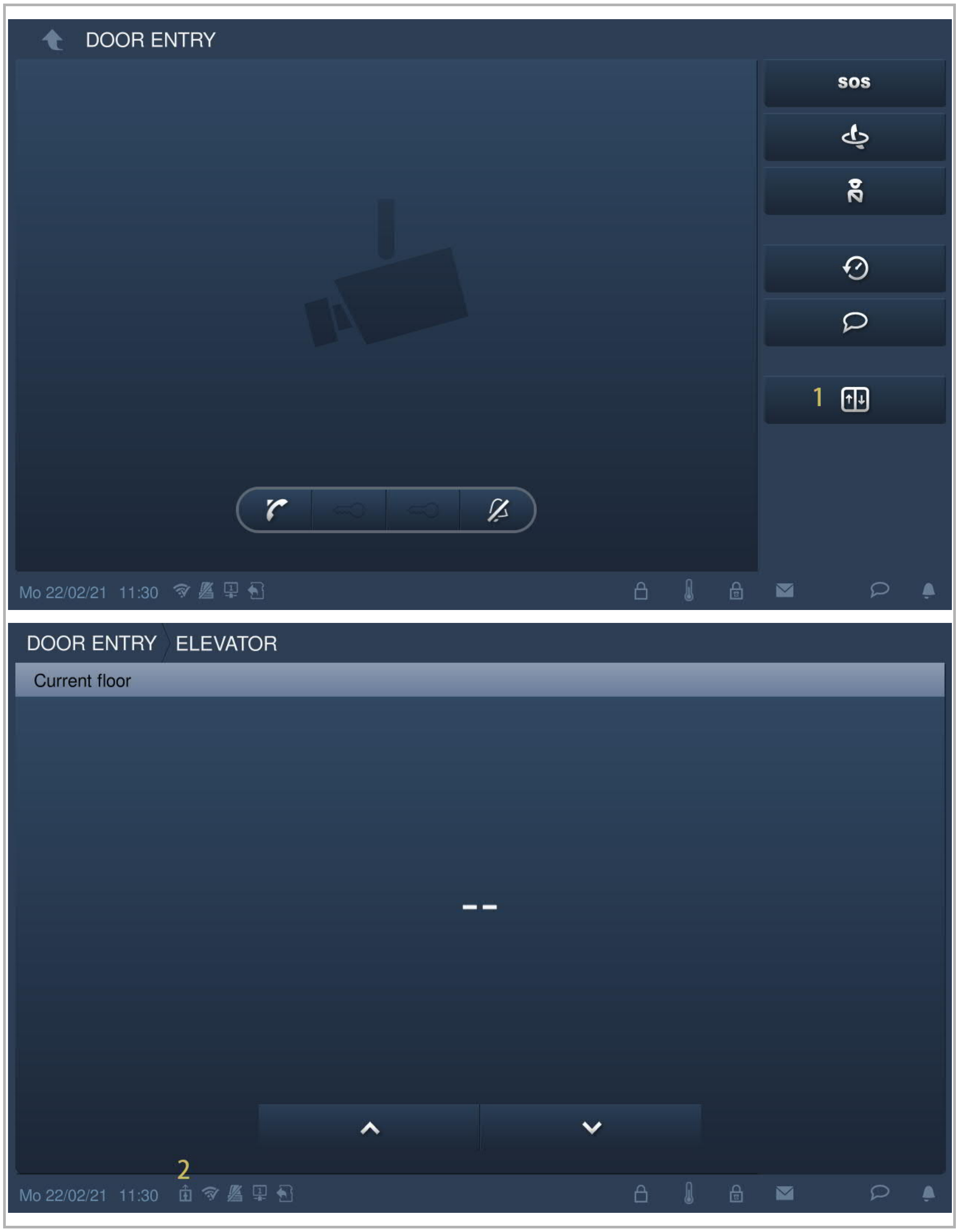
Unlock timer off

9.11.2 Call the lift

Please follow the steps below:

[1] On the "Door Entry" screen, tap " ⇅ " to call the lift to the current floor.

[2] " 🛗 " will be displayed on the status bar if successful.


DOOR ENTRY
SOS
1
Mo 22/02/21 11:30
DOOR ENTRY
ELEVATOR
Current floor
--
2
Mo 22/02/21 11:30

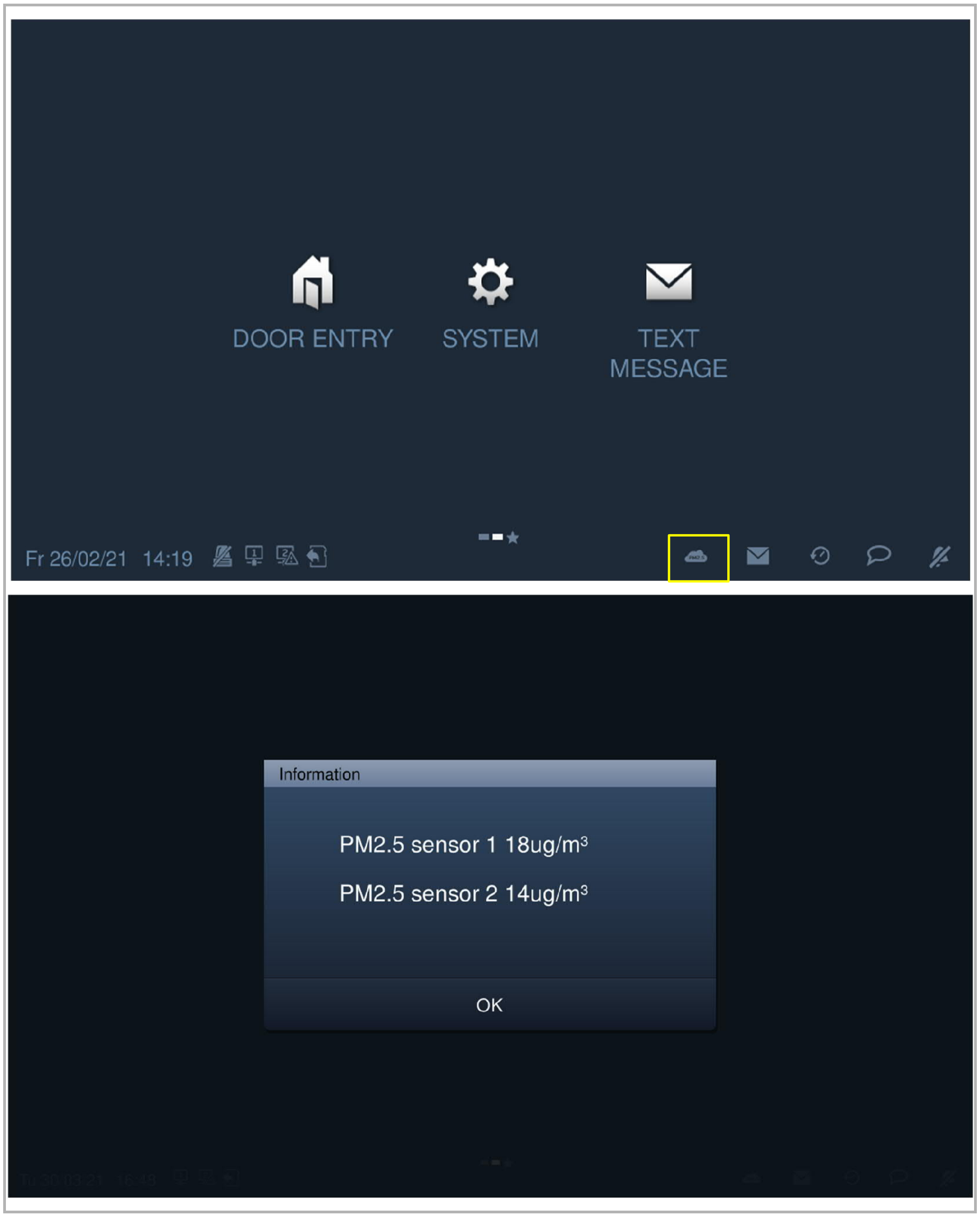
9.12 PM 2.5 value

This function applies to IP touch (LAN+LAN) only.

It is permitted to connect 2 pcs PM2.5 sensors to the 485 connectors on the IP touch.

Please contact a local engineer for more details if you need this application.

In standby status, tap " PM2.5 " on the status bar to display the PM2.5 values.


DOOR ENTRY
SYSTEM
TEXT MESSAGE
Fr 26/02/21 14:19
OK

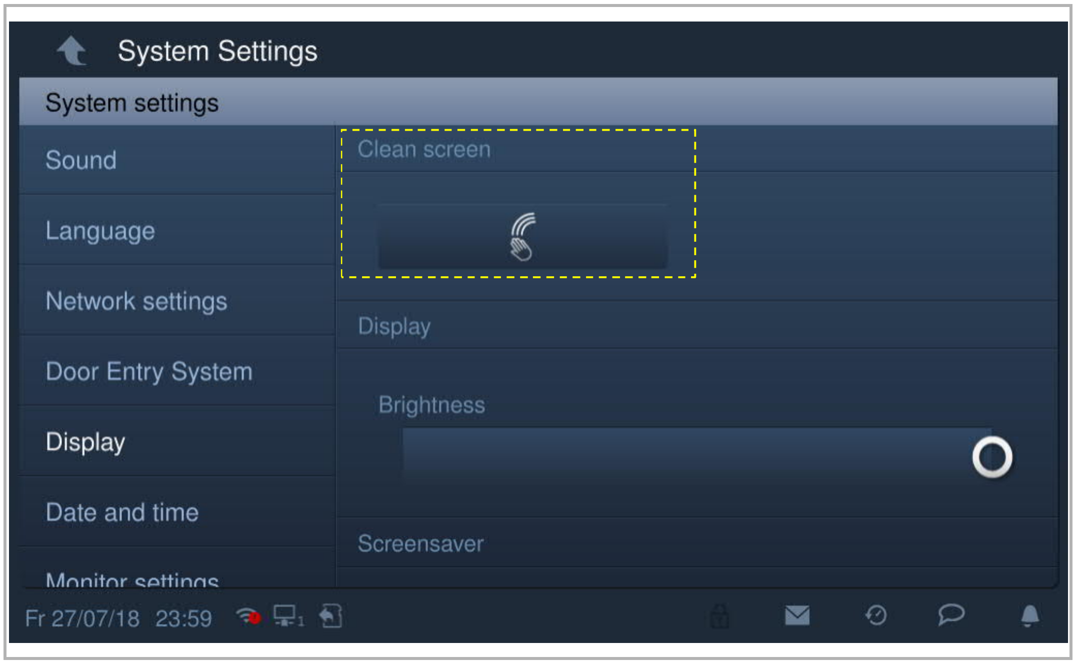
Information

PM2.5 sensor 1 18ug/m^3

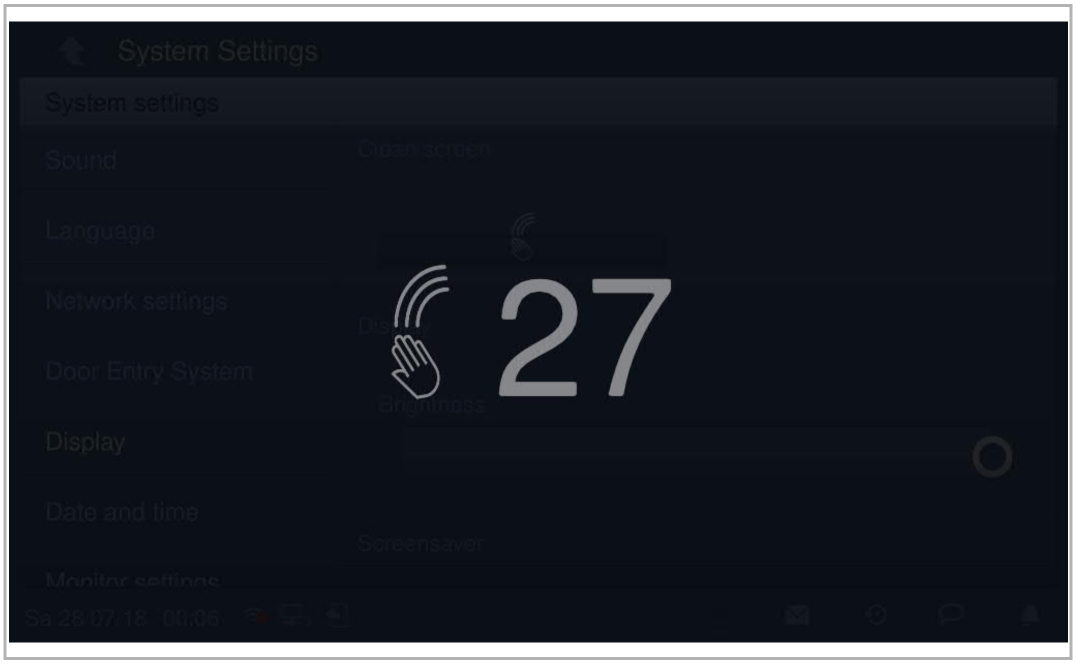
PM2.5 sensor 2 14ug/m^3

9.13 Clean screen

On the "System settings" screen, "Display" screen , tap " 🖐 ".


System Settings
System settings
Sound
Language
Network settings
Door Entry System
Display
Date and time
Monitor settings
Clean screen
Display
Brightness
Screensaver
Fr 27/07/18 23:59

The countdown (1…30) is displayed on the screen. Any operations on the screen will be invalid. This device will exit "Clean screen" mode if an incoming call is received.



10 Cyber security

10.1 Disclaimer

This product is designed to be connected and to communicate information and data via a network interface, which should be connected to a secure network. It is the customer's sole responsibility to provide and continuously ensure a secure connection between the product and customer's network or any other network (as the case may be) and to establish and maintain appropriate measures (such as but not limited to the installation of firewalls, application of authentication measures, encryption of data, installation of antivirus programs, etc.) to protect the H8236 product, the network, its system and interfaces against any kind of security breaches, unauthorized access, interference, intrusion, leakage and/or theft of data or information. ABB Ltd and its affiliates are not liable for damages and/or losses related to such security breaches, unauthorized access, interference, intrusion, leakage and/or theft of data or information.

Although ABB provides functionality testing on the products and updates that we release, you should institute your own testing program for any product updates or other major system updates (to include but not limited to code changes, configuration file changes, third party software updates or patches, hardware change out, etc.) to ensure that the security measures that you have implemented have not been compromised and system functionality in your environment is as expected.

10.2 Performance and service

Network performance

Type	Value
Ethernet	36 Mbps (53,568 packets/s)
ARP	17 Mbps (25,296 packets/s)
ICMP	14 Mbps (20,832 packets/s)
IP	22 Mbps (32,736 packets/sec)

Port and service

Port	Service	Purpose
5060	UDP	To be used by sip client.
5061	TCP	To be used by sip server
5070	TCP	To be used by sip server
50602	UDP	To be used by sip server
7777	TCP/UDP	To be used for device management
7006	TCP	To be used for connectivity detection when this feature is enabled
8001	TCP	To be used for calling the history report
8887	TCP	To be used for firmware updating
10777	TLS	Secure channel for device management
11778	TLS	Secure channel for connectivity detection when this feature is enabled
12779	TLS	Secure channel for calling the history report

10.3 Deployment guideline

Please do not install it within a public place and ensure that physical access to the devices is granted only to trusted personal.

All devices need to work in security mode by default and all devices on one system shall be signed by a public CA at the commissioning stage; in normal situations, the management software functions as the CA.

Its suggested compatible mode is only to be used when the device needs to communicate with previous generation products. In this mode, data transmission between devices are not encrypted, it may lead to data leaks and has the risk of being attacked.

If the user decides to remove the device from the system, the user shall reset the device to the factory settings to remove all the configuration data and sensitive data on the device. This will prevent sensitive data leaks.

It is recommended to apply "MAC filter" and "Rate limiter" in the switch to prevent DOS attack.

10.4 Upgrading

The device supports firmware updating via SD card. In this mode, a signature file will be used to verify the authentication and integrity of firmware.

If Internet services are available, the device will connect to the MyBuildings sever to obtain new firmware automatically, but this needs to be confirmed by end user each time. A signature file will be used to verify the authentication and integrity of the firmware.

10.5 Backup/restore

Some device configurations can be exported to SD card for backup purposes, and on later use, re-imported to restore the configuration.

When connected to a management device, the user can back up and restore configurations on the management device side; this feature is enabled or disabled via a local setting option.

10.6 Malware prevention solution

The device H8236 is not susceptible to malware, because custom code cannot be executed on the system. The only way to update the software is via firmware upgrades. Only firmware signed by ABB can be accepted.

10.7 Password rule

The user needs to change the engineering password when entering the engineering settings for the first time. This engineering password must not use continuously increasing or decreasing numbers (e.g. 12345678, 98765432). Three consecutive identical numbers are similarly not allowed (e.g. 123444, 666888).

Your passwords must not be known by other persons to guarantee security.

11 Notice

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Approvals and Compliances

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