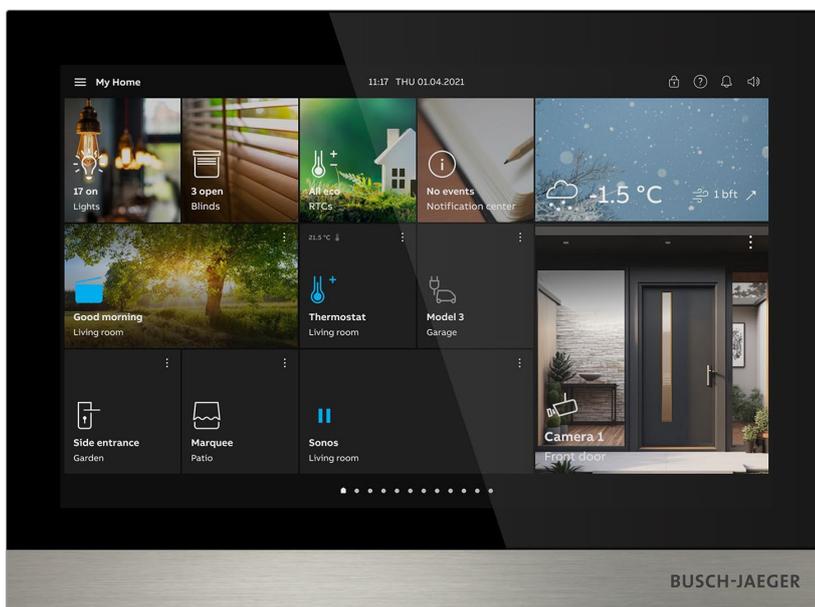


Product manual

Busch-Welcome® IP

H8236-. IP touch 7

H8237-. IP touch 10



1	Notes on the instruction manual	6
2	Safety	7
2.1	Used symbols	7
2.2	Target group / Qualifications of personnel	8
2.3	Safety instructions	9
3	Intended use	10
4	Environment	12
4.1	Busch-Jaeger devices	12
5	Product description	13
5.1	Device type	13
5.2	Control elements	14
5.3	Terminal description	15
6	Technical data	17
7	Mounting/Installation	19
7.1	Requirement for the electrician	19
7.2	Product dimensions	20
7.3	Installation height	20
7.4	Surface-mounted installation	21
7.5	Flush-mounted installation	24
7.6	Cavity wall installation	25
7.7	Desktop installation	26
7.8	Dismantling	27
7.9	Replacing the end strip	27
8	Commissioning	28
8.1	Operating modes	28
8.1.1	Door Entry System only	28
8.1.2	KNX only mode	29
8.1.3	free@home only mode	30
8.1.4	Door Entry System with KNX	31
8.1.5	Door Entry System with free@home	32
8.2	Setup wizard - Door Entry System only	33
8.2.1	Configuration without SmartAP	33
8.2.2	Configuration via SmartAP	43
8.2.3	Configuration via SmartAP & APP	48
8.2.4	Creating a building structure on APP	55
8.2.5	Scanning the QR code on the panel	59
8.2.6	Importing a building structure via App	61
8.3	System settings	65
8.3.1	Accessing the "Settings" screen	65
8.3.2	Display settings	66
8.3.3	Sound settings	75

8.3.4	Network settings.....	78
8.3.5	MyBuildings settings.....	84
8.3.6	Paring the panel with APP.....	86
8.3.7	Time and date settings.....	89
8.3.8	Changing advanced setting password.....	90
8.3.9	Resetting advanced setting password.....	92
8.3.10	Configuring unlock password.....	93
8.3.11	Language setting.....	96
8.3.12	Automatic snapshot setting.....	97
8.3.13	Missed call setting.....	98
8.3.14	Call forwarding settings.....	99
8.3.15	Linking call setting.....	103
8.3.16	Call forwarding settings.....	105
8.3.17	Resetting user settings.....	109
8.3.18	Configuring Outdoor Station cameras.....	111
8.3.19	Configuring private cameras.....	114
8.3.20	Configuring public cameras.....	120
8.3.21	Configuring intercom list.....	125
8.3.22	Configuring program buttons.....	128
8.3.23	Software update.....	133
8.3.24	Rebooting the panel.....	139
8.3.25	About.....	140
8.4	Advanced settings.....	146
8.4.1	Accessing the "Advanced settings" screen.....	146
8.4.2	Configuring the physical address.....	147
8.4.3	Configuring the IP address.....	148
8.4.4	Configuring the trusted devices.....	149
8.4.5	Configuring the "Manual snapshot" function.....	158
8.4.6	Configuring the "Manual video recording" function.....	159
8.4.7	Configuring the "Auto unlock" function.....	160
8.4.8	Configuring the "Delete call history" function.....	163
8.4.9	Configuring the address of default Guard Unit.....	165
8.4.10	Restoring to factory default.....	166
8.5	Configuring the Outdoor Station.....	167
8.6	Configuring the IP Actuator.....	168
9	Operation.....	169
9.1	Dashboard.....	169
9.1.1	Dashboard overview.....	169
9.1.2	Accessing the editing status.....	170
9.1.3	Creating a control for the camera.....	171
9.1.4	Creating a control for the intercom.....	174
9.1.5	Creating a control for the light.....	177
9.1.6	Creating a control for the door lock.....	180
9.1.7	Creating a control for the elevator.....	183
9.1.8	Editing the control.....	186
9.2	Incoming call.....	187
9.2.1	Call from Outdoor Stations.....	187
9.2.2	Call from Guard Units or Indoor Stations.....	189
9.2.3	Call from doorbell.....	191
9.3	Intercom.....	192

9.4	Call Guard Unit	193
9.5	Surveillance.....	194
9.5.1	Accessing video surveillance.....	194
9.5.2	Surveillance from outdoor stations.....	195
9.5.3	Surveillance from IP camera	196
9.6	Releasing the lock	197
9.7	Turn on a light.....	198
9.8	Call the elevator.....	199
9.9	Configuring the voice	201
9.9.1	Adjusting the voice volume.....	201
9.9.2	Configuring the "Mute" function	202
9.10	Sending an alarm request	203
9.11	History.....	204
9.12	Clean screen	206
10	Home automation	207
10.1	KNX settings.....	207
10.1.1	Precondition	207
10.1.2	Setup Wizard - KNX only	208
10.1.3	Setup Wizard - Door Entry System with KNX	213
10.1.4	Viewing the information.....	215
10.1.5	Configuring the system code	217
10.1.6	Configuring the pin codes.....	219
10.1.7	Configuring program buttons.....	221
10.1.8	Configuring the advanced settings.....	226
10.1.9	Configuring the home automation devices.....	227
10.1.10	Viewing the home automation devices.....	230
10.1.11	Configuring the KNX timers.....	231
10.1.12	Notification	239
10.1.13	Commissioning the home automation devices via ETS tool.....	241
10.2	free@home settings.....	242
10.2.1	Precondition	242
10.2.2	Setup Wizard - free@home only.....	243
10.2.3	Setup Wizard - Door Entry System with free@home.....	249
10.2.4	Viewing the information.....	251
10.2.5	Configuring program buttons.....	253
10.2.6	Configuring the advanced settings.....	257
10.2.7	Viewing the home automation devices.....	259
10.2.8	Alarm record	261
10.2.9	Commissioning the home automation devices via SysAP	263
11	Cyber security	264
11.1	Disclaimer	264
11.2	Performance and service	265
11.3	Deployment guideline.....	266
11.4	Upgrading.....	266
11.5	Backup/restore	266
11.6	Malware prevention solution.....	266

11.7 Password rule.....	266
12 Notice	267

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. Busch-Jaeger 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!

2.1 Used symbols

The following symbols point to dangers involved in the use of the device and provide practical instructions.



Danger

This symbol indicates a dangerous situation due to electric current. If such a sign is ignored, it can lead to serious injuries or even death.



Warning

This symbol in connection with the signal word "Warning" indicates a dangerous situation which could lead to immediate death or to serious injury.



Attention

This symbol indicates a possibly damaging situation for the product. Non-observance can lead to damage or destruction of the product.



Note

This symbol indicates information or references to additional useful topics. This is not a signal word for a dangerous situation.

2.2 Target group / Qualifications of personnel

Installation, commissioning and maintenance of the device must only be carried out by trained and properly qualified electrical installers.

The electrical installers must have read and understood the manual and follow the instructions provided.

The electrical installers must adhere to the valid national regulations in their country governing the installation, functional test, repair and maintenance of electrical products.

The electrical installers must be familiar with and correctly apply the "Five safety regulations" (DIN VDE 0105, EN 50110):

1. Disconnect from power;
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.

2.3 Safety instructions



Warning

Electric voltage! Risk of death and fire due to electrical voltage of 230 V. 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.

- Work on the 230 V supply system may only be performed by authorised and qualified electricians.
- Disconnect the mains power supply before installation / disassembly.
- Never use the device with damaged connecting cables.
- Do not open covers firmly bolted to the housing of the device.
- Use the device only in a technically faultless state.
- Do not make changes to or perform repairs on the device, on its components or its accessories.
- Keep the device away from water and wet surroundings.



Attention - damage to property

Risk of damaging the device due to external factors.

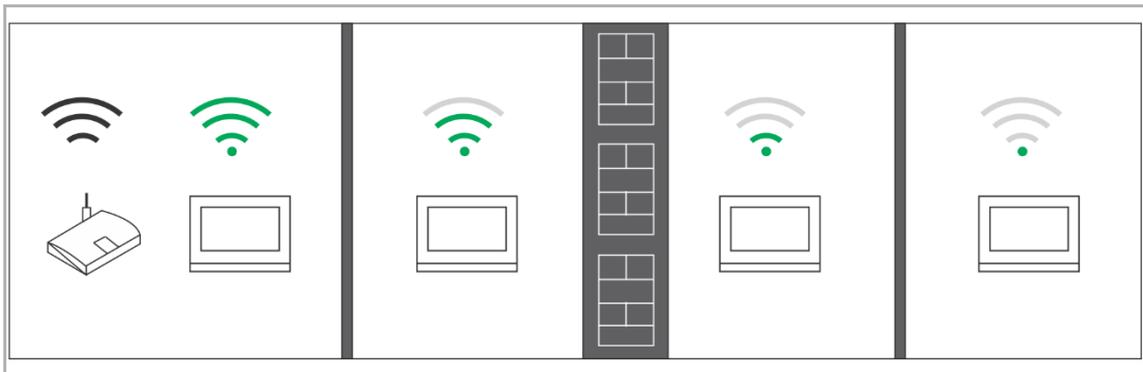
Moisture and contamination can damage or destroy the device.

- Protect the device against humidity, dirt and damage during transport, storage and operation.

3 Intended use

This device is a central control panel of the Busch-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 perform when recording or playing images.
- Busch-Jaeger is not responsible for the performance of an SDHC card.

IP-Camera



Note

The indoor station supports IP-Camera 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 Busch-Jaeger devices

All packaging materials and devices from Busch-Jaeger 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.

Busch-Jaeger 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)

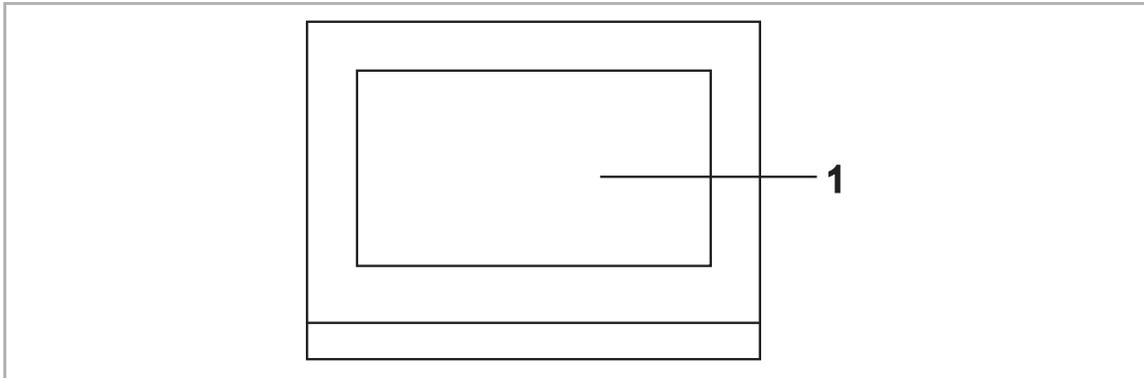
5 Product description

5.1 Device type

Article number	Order number	Product name	Color	Size (DxHxW) Unit: mm
H8236-4W-03	2TMA130050W0066	IP Touch 7, DES+KNX+f@h+APP, LAN+WiFi, T-loop	White	199 x 150 x 17
H8236-4B-03	2TMA130050B0066	IP Touch 7, DES+KNX+f@h+APP, LAN+WiFi, T-loop	Black	199 x 150 x 17
H8236-5W-03	2TMA130050W0068	IP Touch 7, DES+KNX+f@h+APP, LAN+LAN, T-loop	White	199 x 150 x 31
H8236-5B-03	2TMA130050B0068	IP Touch 7, DES+KNX+f@h+APP, LAN+LAN, T-loop	Black	199 x 150 x 31
H8237-4W-03	2TMA130050W0058	IP touch 10",DES+KNX+f@h+APP, LAN+WiFi,T-loop	White	251 x 185 x 17
H8237-4B-03	2TMA130050B0058	IP touch 10",DES+KNX+f@h+APP, LAN+WiFi,T-loop	Black	251 x 185 x 17
H8237-5W-03	2TMA130050W0060	IP touch 10",DES+KNX+f@h+APP, LAN+LAN,T-loop	White	251 x 185 x 31
H8237-5B-03	2TMA130050B0060	IP touch 10",DES+KNX+f@h+APP, LAN+LAN,T-loop	Black	251 x 185 x 31

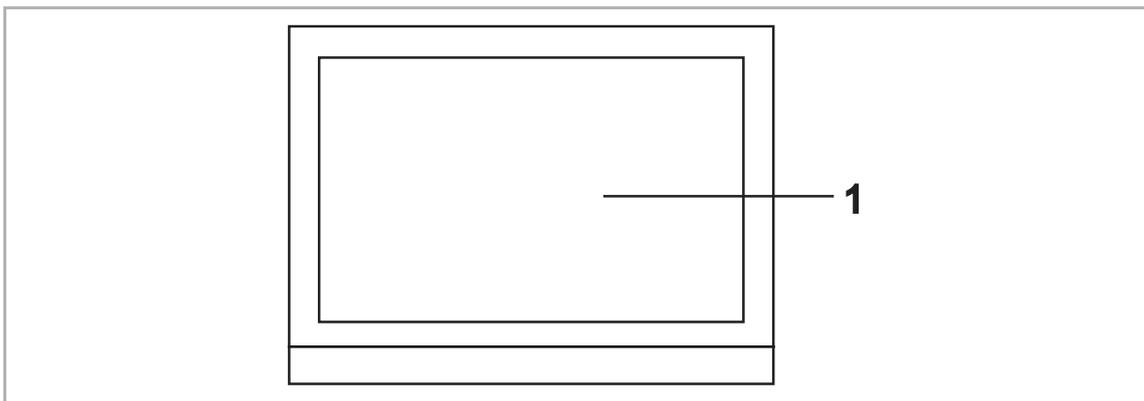
5.2 Control elements

IP touch 7



No.	Function
1	Touch screen

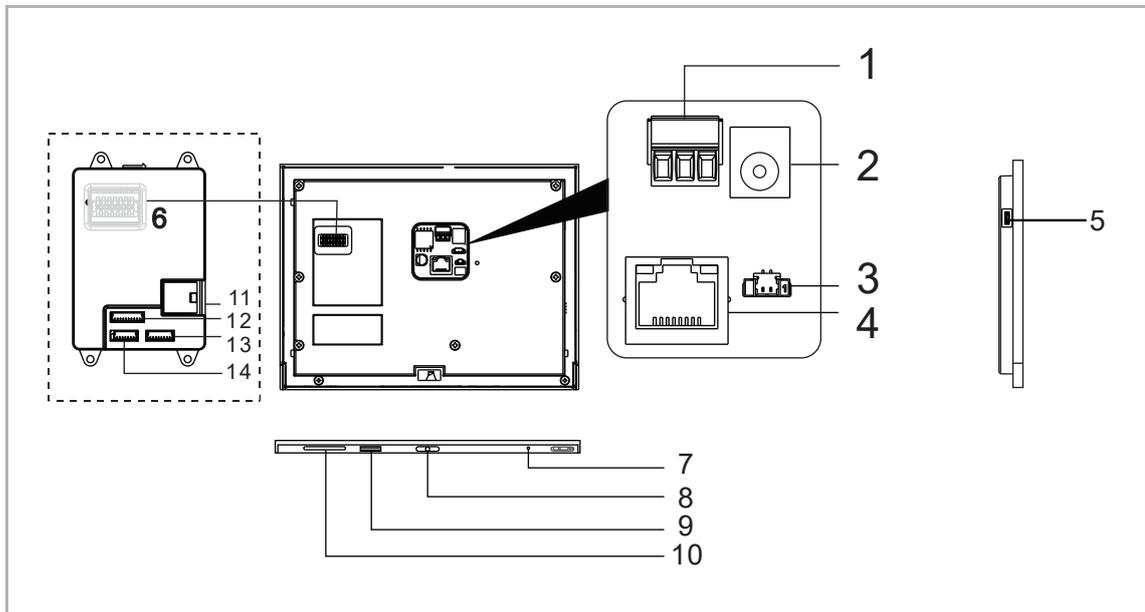
IP touch 10



No.	Function
1	Touch screen

5.3 Terminal description

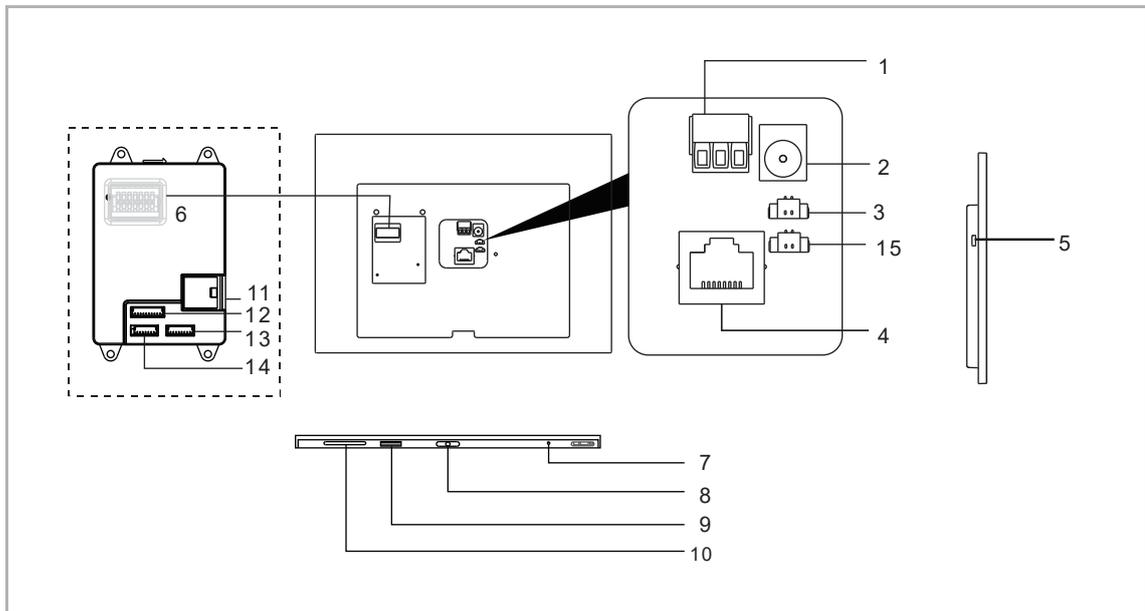
IP touch 7



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	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)

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 $\overline{=}$
Operating voltage range	20-27 V $\overline{=}$
¹ Rating current	27 V $\overline{=}$, 250 mA 24 V $\overline{=}$, 280 mA
² Rating current	27 V $\overline{=}$, 390 mA 24 V $\overline{=}$, 440 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 $\overline{=}$, 200 mA
² Relay output	30 V $\overline{=}$, 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)

IP touch 10

Designation	Value
Rating voltage	24 V \Rightarrow
Operating voltage range	20-27 V \Rightarrow
¹ Rating current	27 V \Rightarrow , 390 mA 24 V \Rightarrow , 440 mA
² Rating current	27 V \Rightarrow , 520 mA 24 V \Rightarrow , 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 \Rightarrow , 200 mA (12 V output is not available when PoE powered)
² Relay output	30 V \Rightarrow , 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!

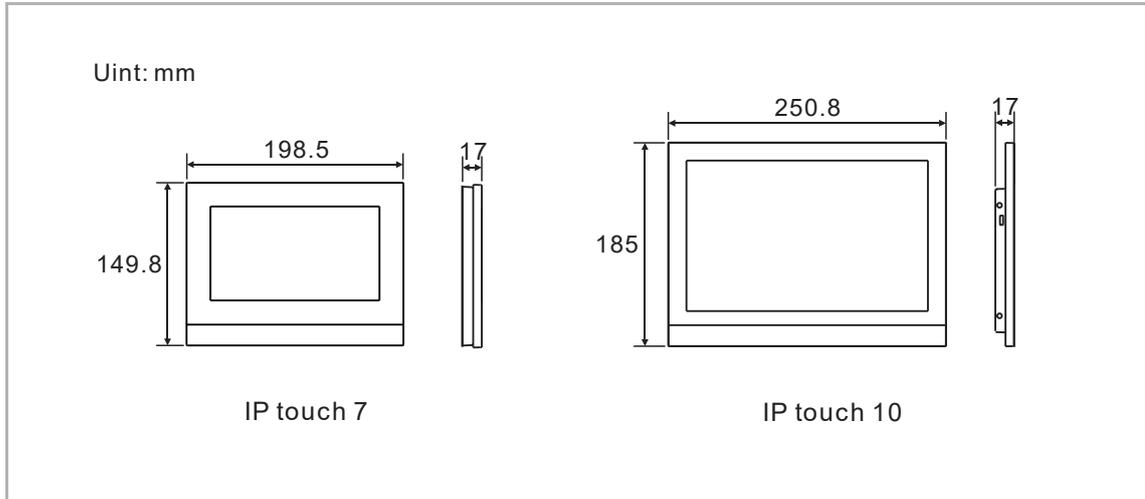
Install the device only if you have the necessary electrical engineering knowledge and experience.

- 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.

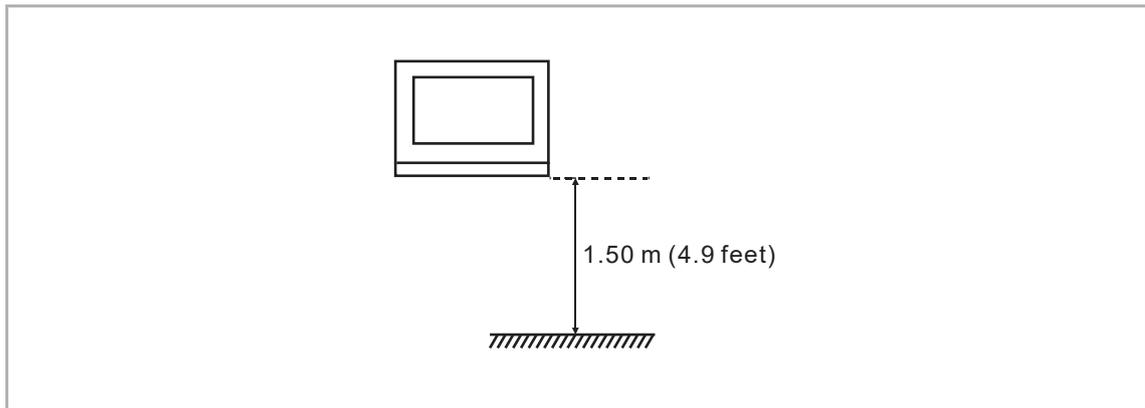
The minimum necessary expert knowledge and requirements for the installation are as follows:

- 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



7.3 Installation height

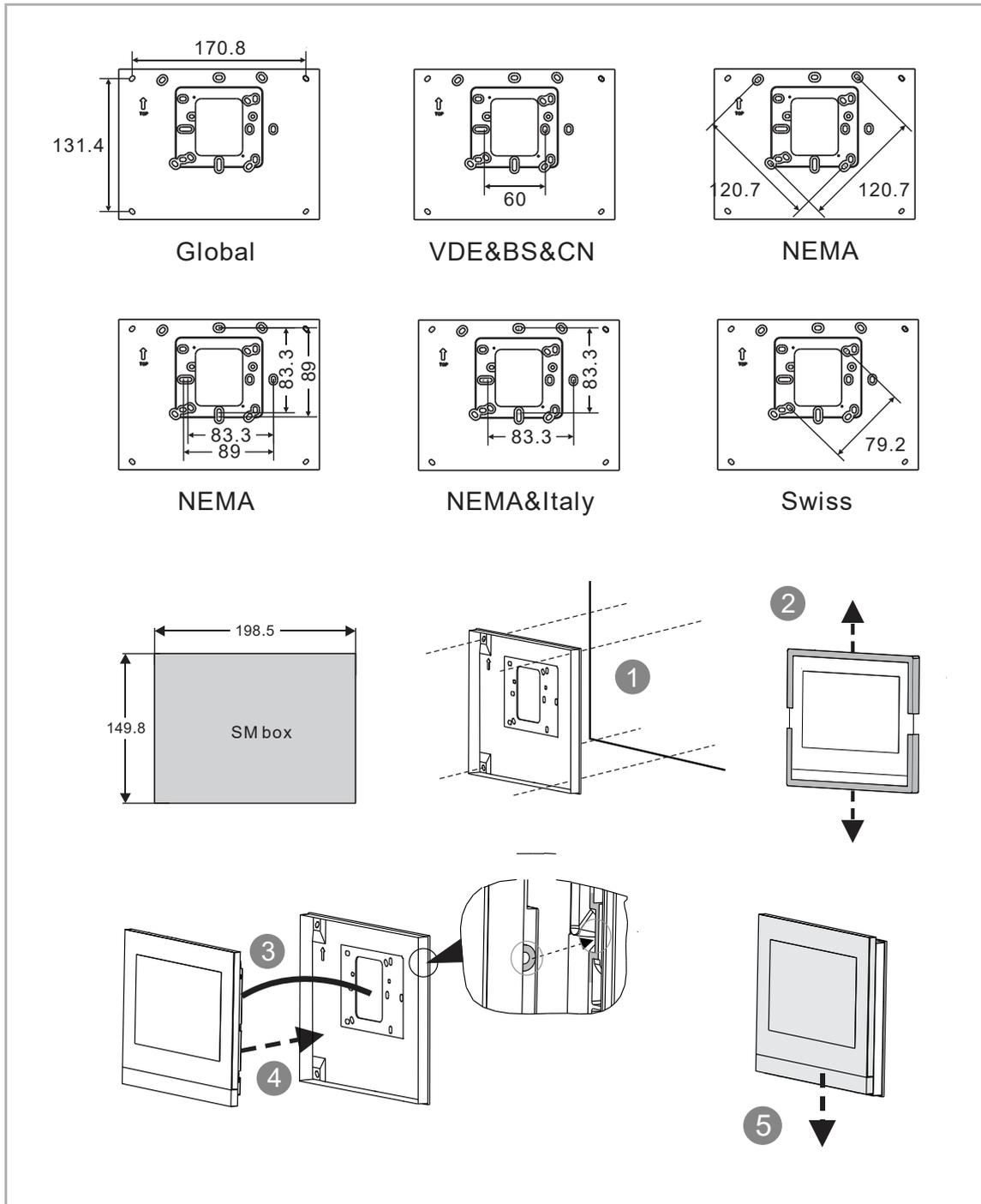


7.4 Surface-mounted installation

IP touch 7

This installation method is not suitable for IP touch 7 (LAN+LAN).

(unit: mm)

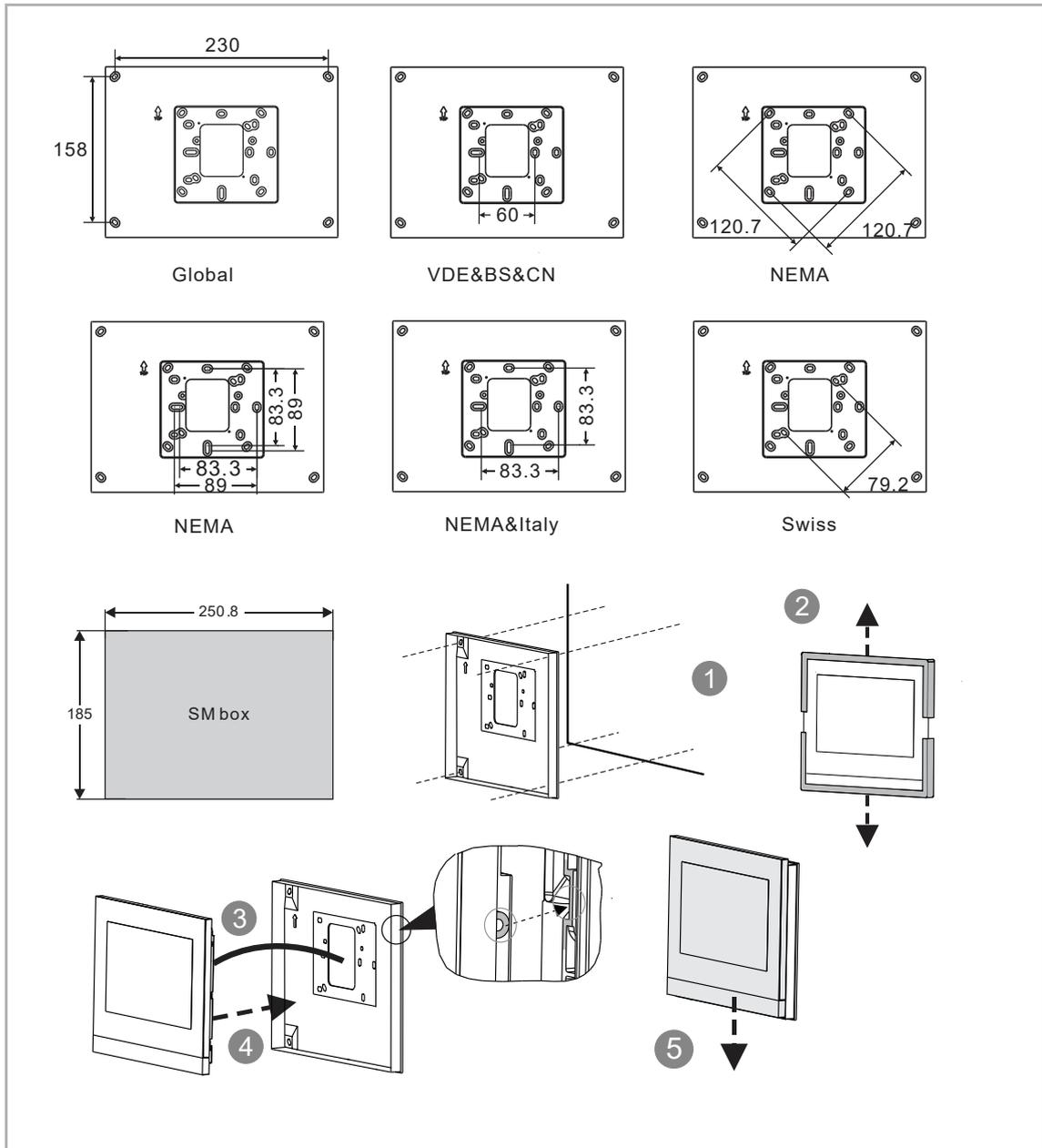


IP touch 10

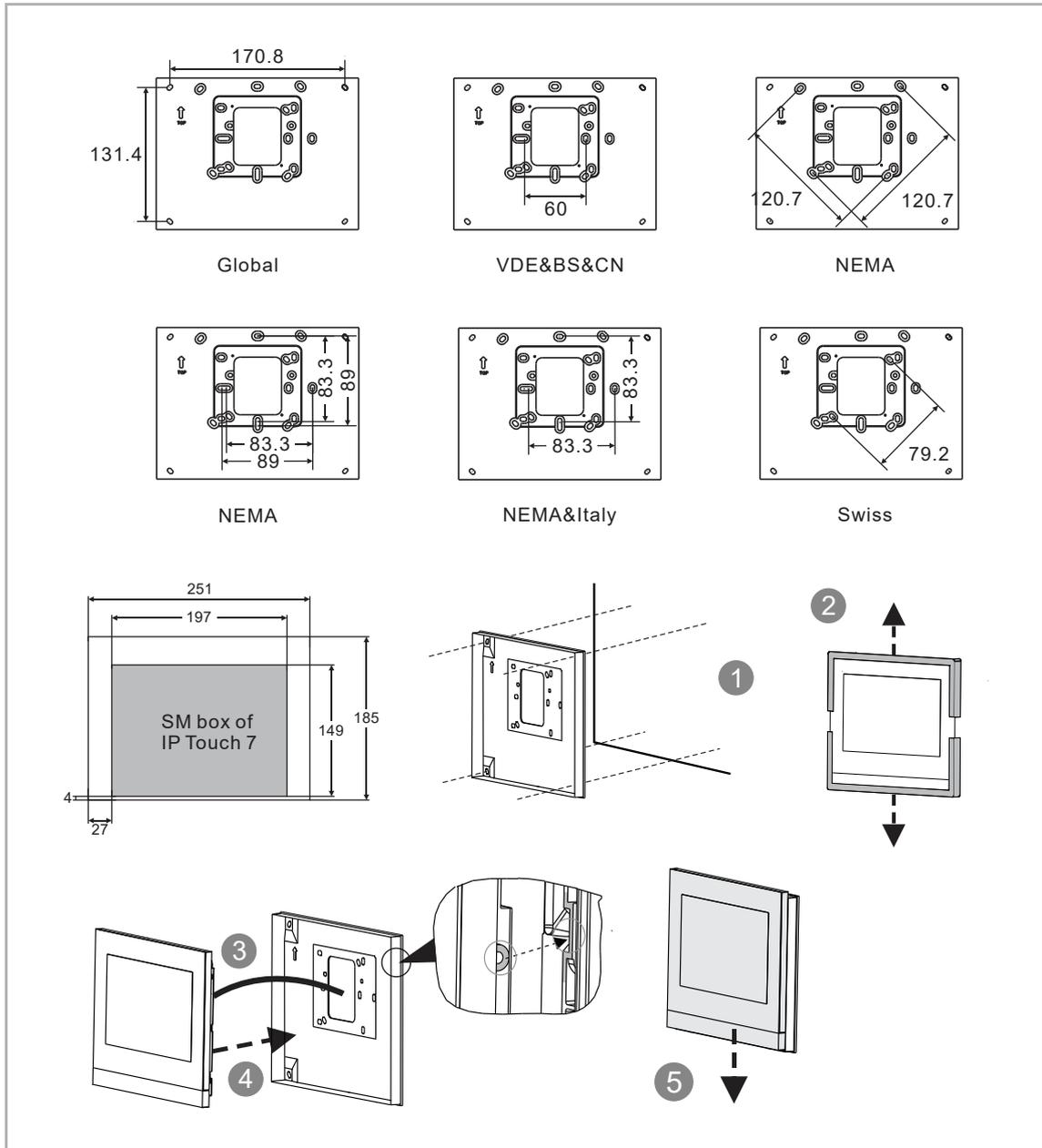
This installation method is not suitable for IP touch 10 (LAN+LAN).

IP Touch 10 can be used with the surface-mounted box of IP Touch 10.

(unit: mm)



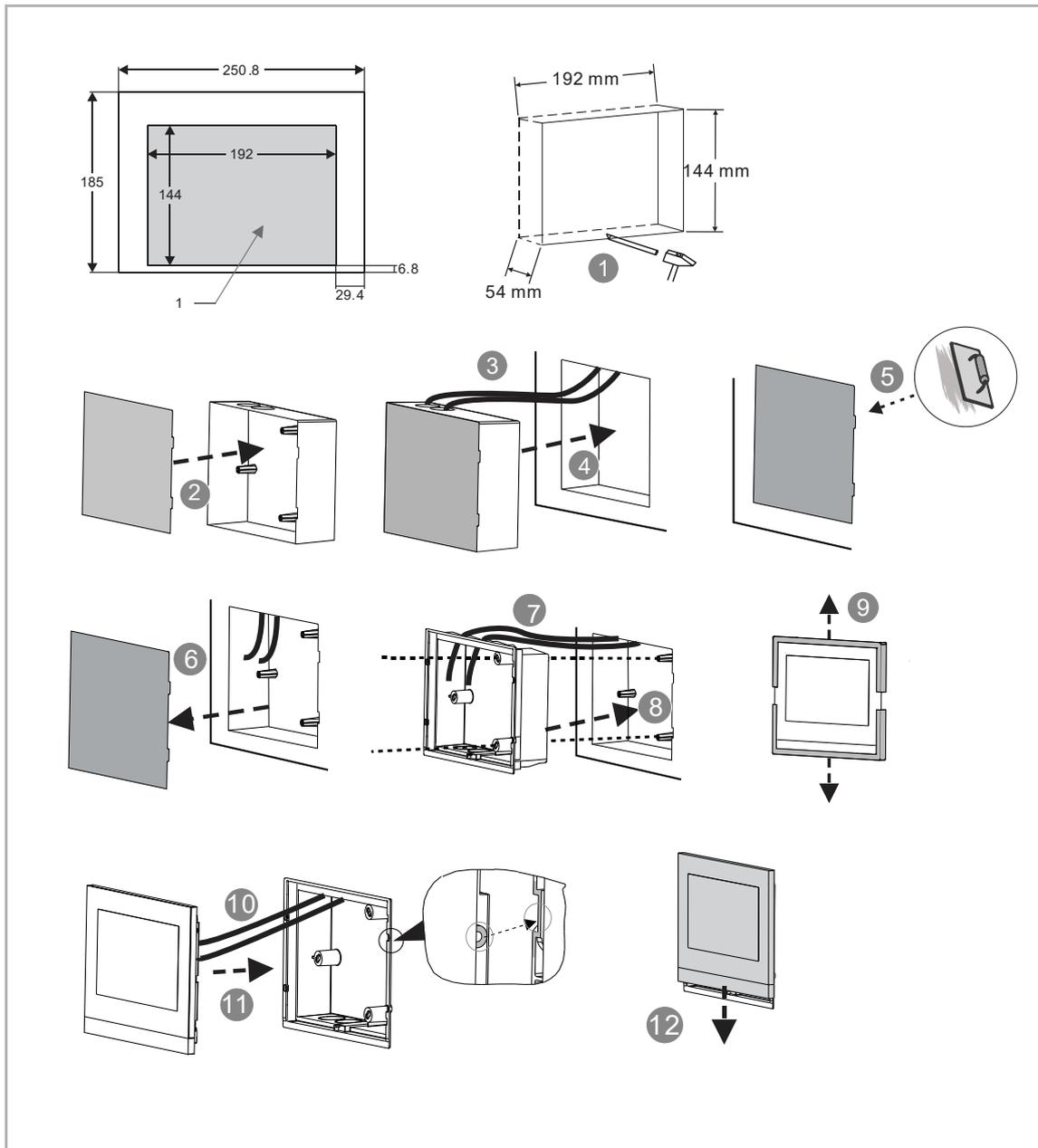
IP Touch 10 can also be used with the surface-mounted box of IP Touch 7.



7.5 Flush-mounted installation

With pre-installation box

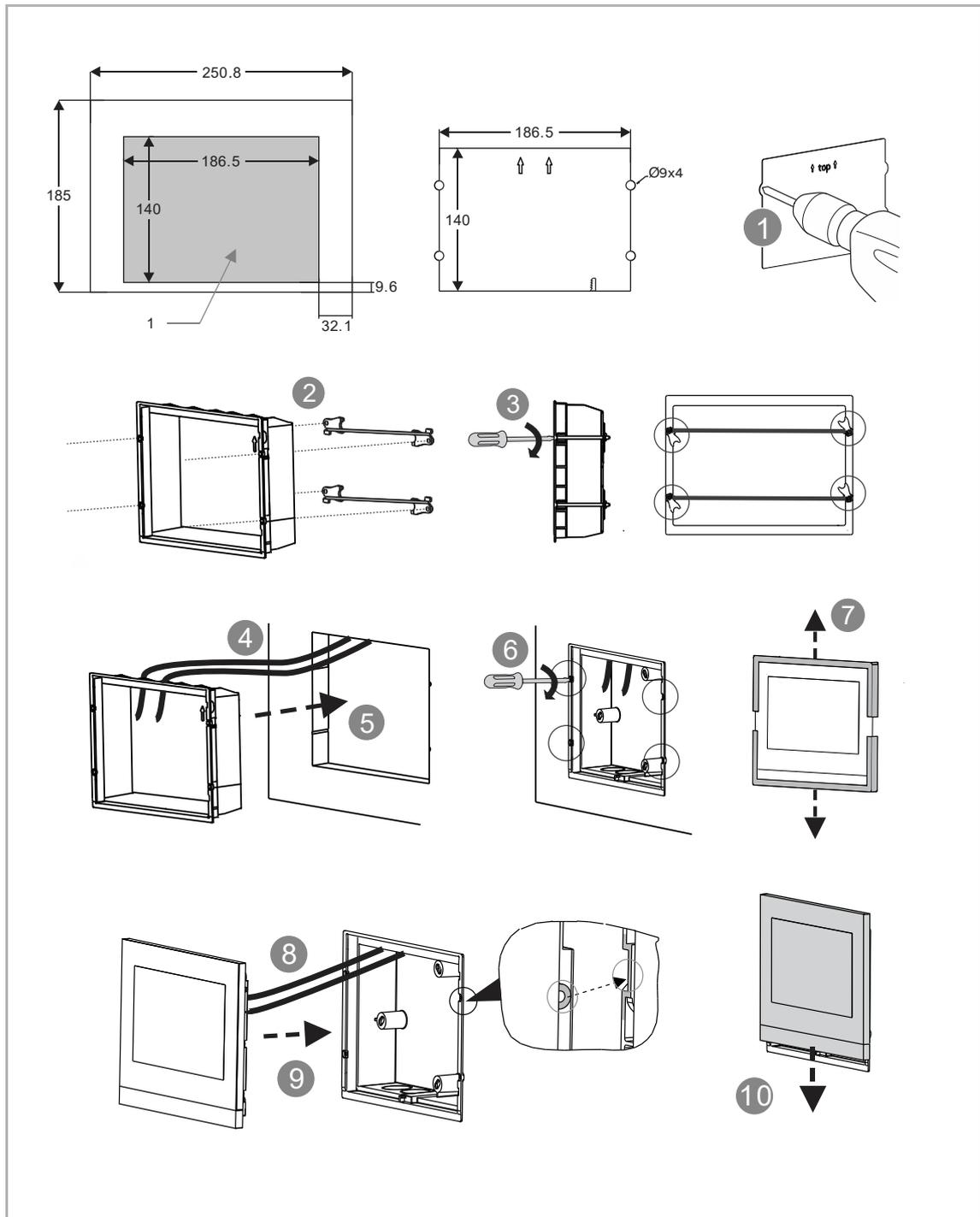
(unit: mm)



1 Hole size of the pre-installation box

7.6 Cavity wall installation

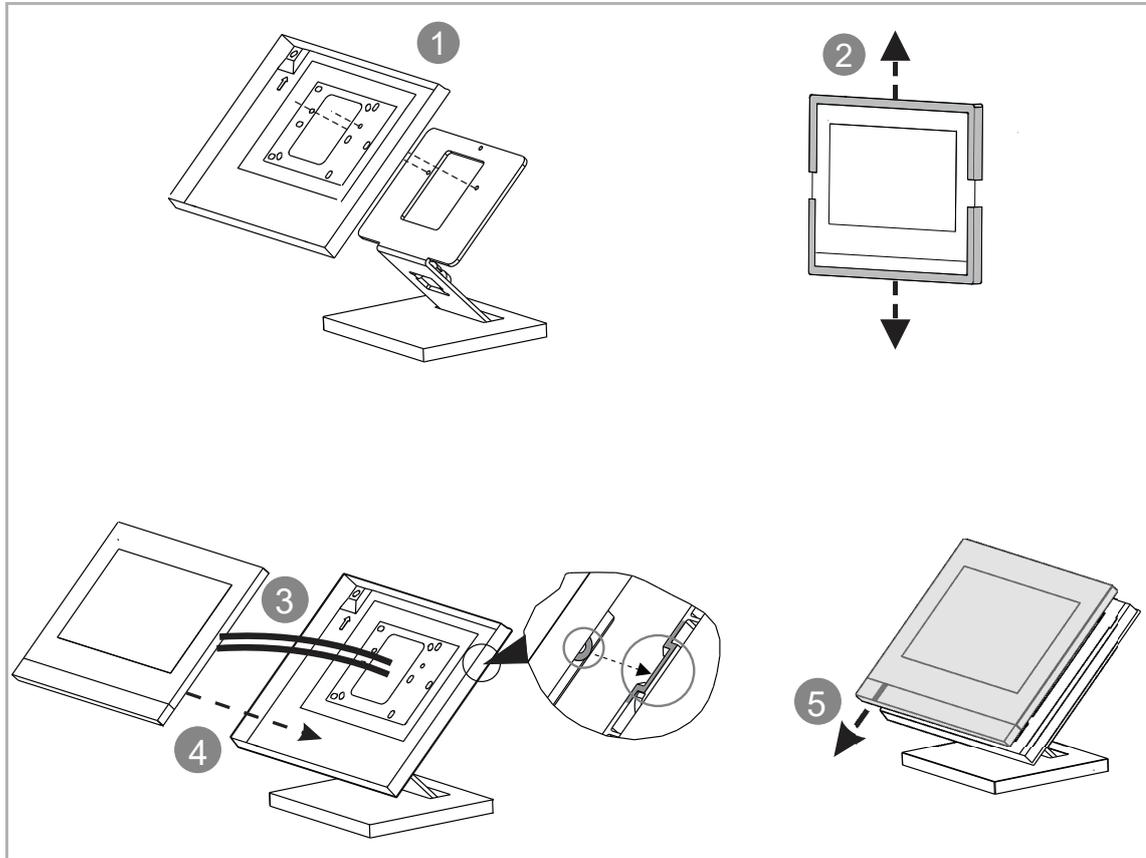
(unit: mm)



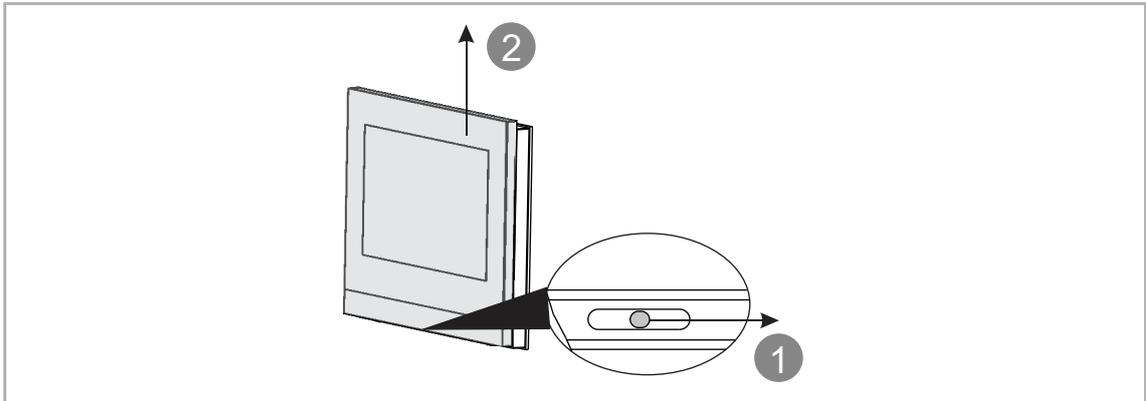
1 Hole size of flush-mounted box

7.7 Desktop installation

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

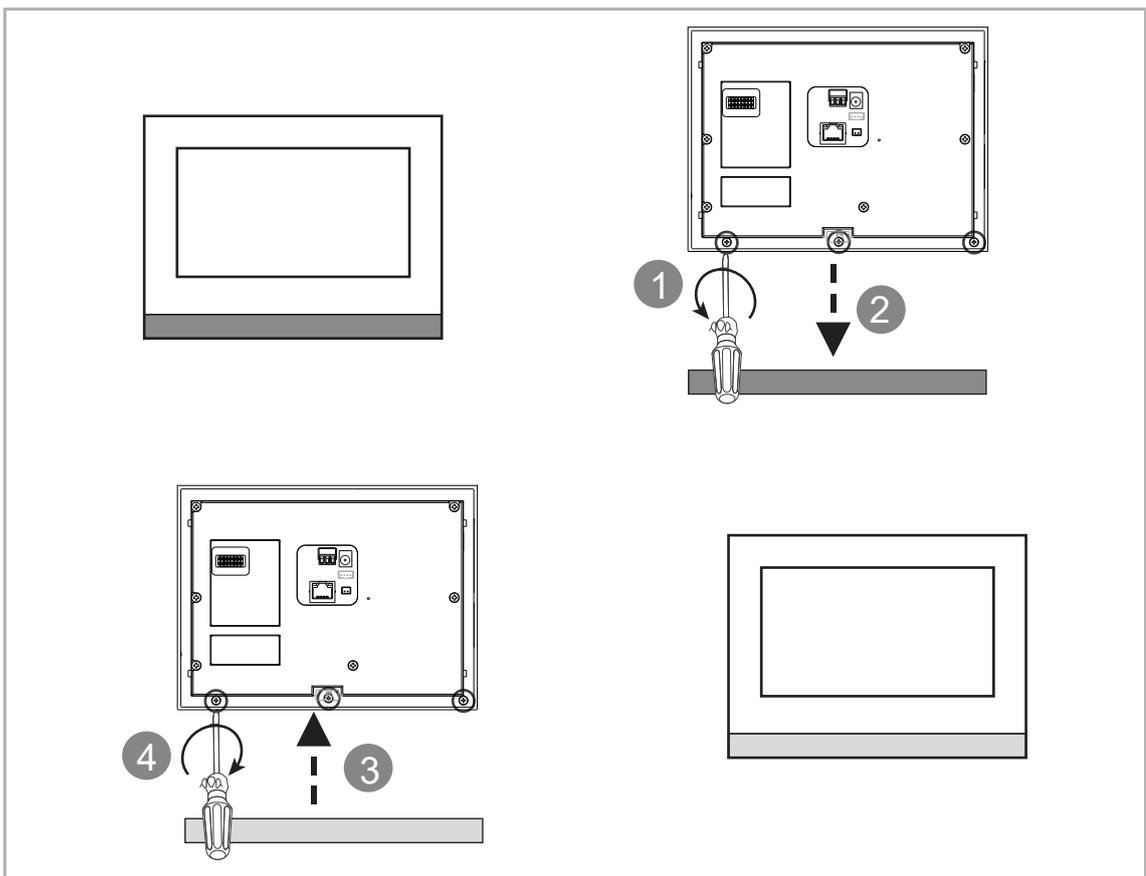


7.8 Dismantling



7.9 Replacing the end strip

4 screws need to be removed.



8 Commissioning

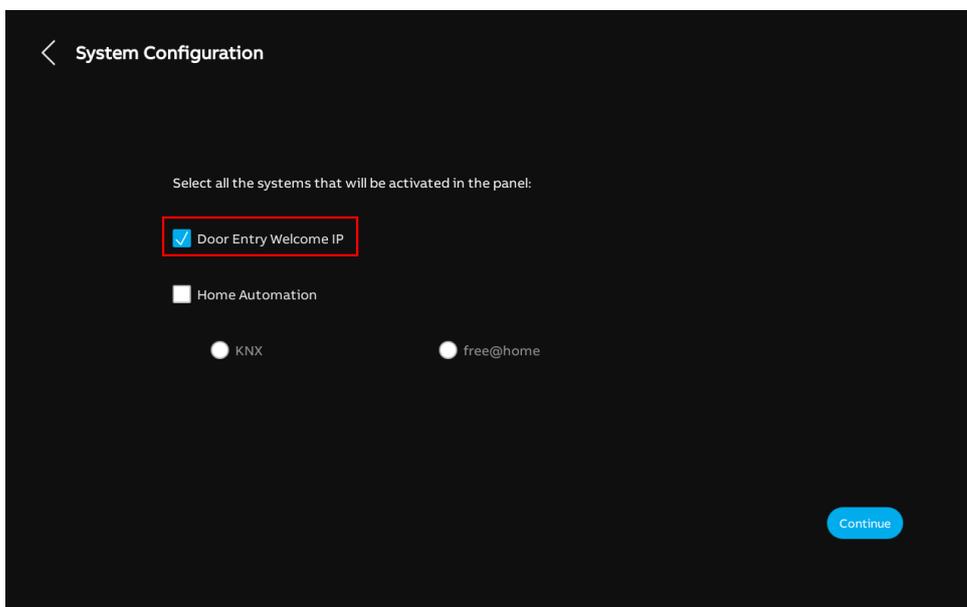
8.1 Operating modes

8.1.1 Door Entry System only

This mode applies to the Door Entry System alone.

On the "System Configuration" screen during the "Wizard Setup",

- Enable the "Door Entry Welcome IP" check box.
- Disable the "Home Automation" check box.
- For more details, see chapter 8.2 "Setup wizard - Door Entry System only" on page 33.

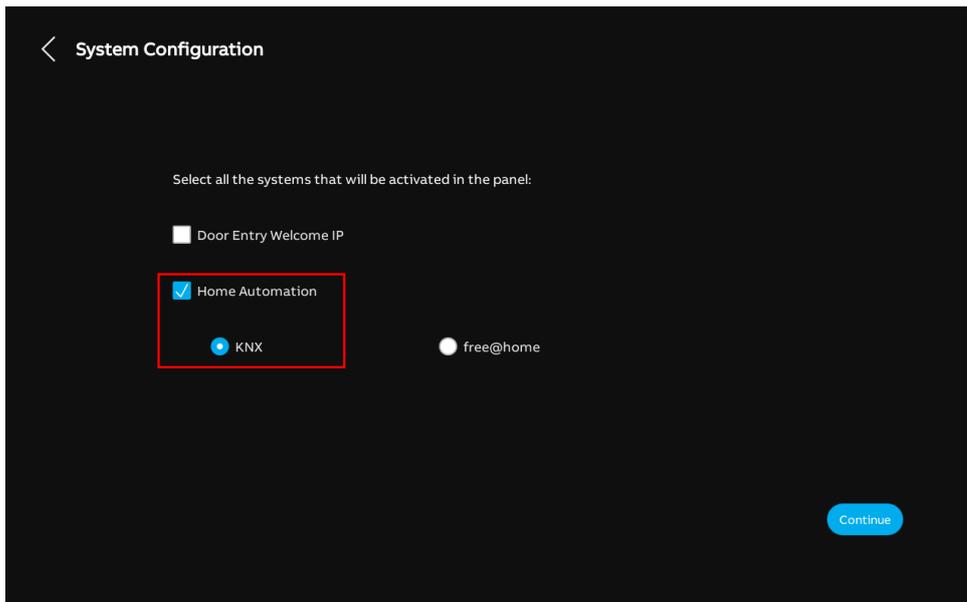


8.1.2 KNX only mode

This mode applies to the KNX system alone.

On the "System Configuration" screen during the "Wizard Setup",

- Disable the "Door Entry Welcome IP" check box.
- Enable the "Home Automation" check box.
- Enable the "KNX" single choice.
- For more details, see chapter 10.1.2 "Setup Wizard - KNX only" on page 208.

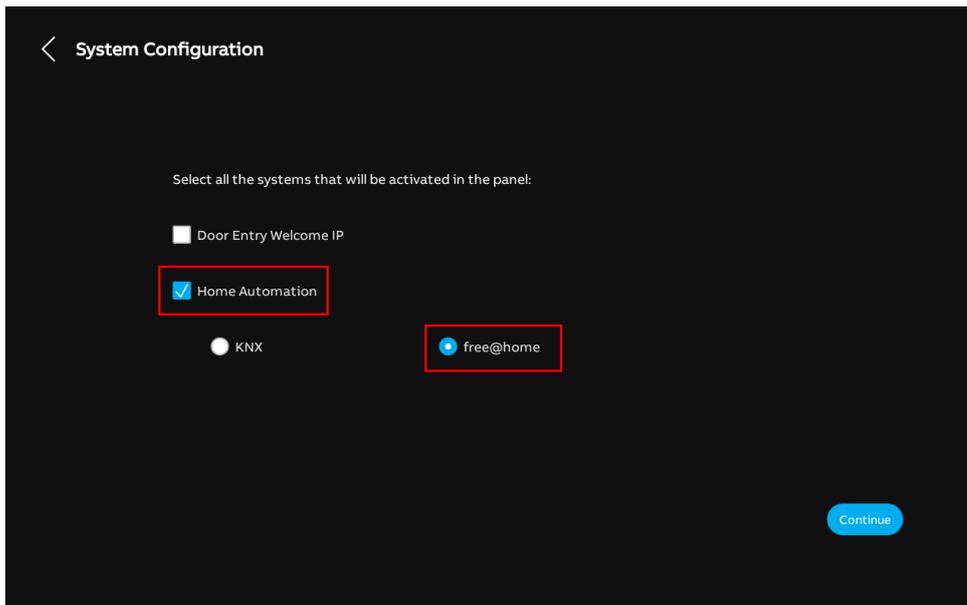


8.1.3 free@home only mode

This mode applies to the free@home system alone.

On the "System Configuration" screen during the "Wizard Setup",

- Disable the "Door Entry Welcome IP" check box.
- Enable the "Home Automation" check box.
- Enable the "free@home" single choice.
- For more details, see chapter 10.2.2 "Setup Wizard - free@home only" on page 243.

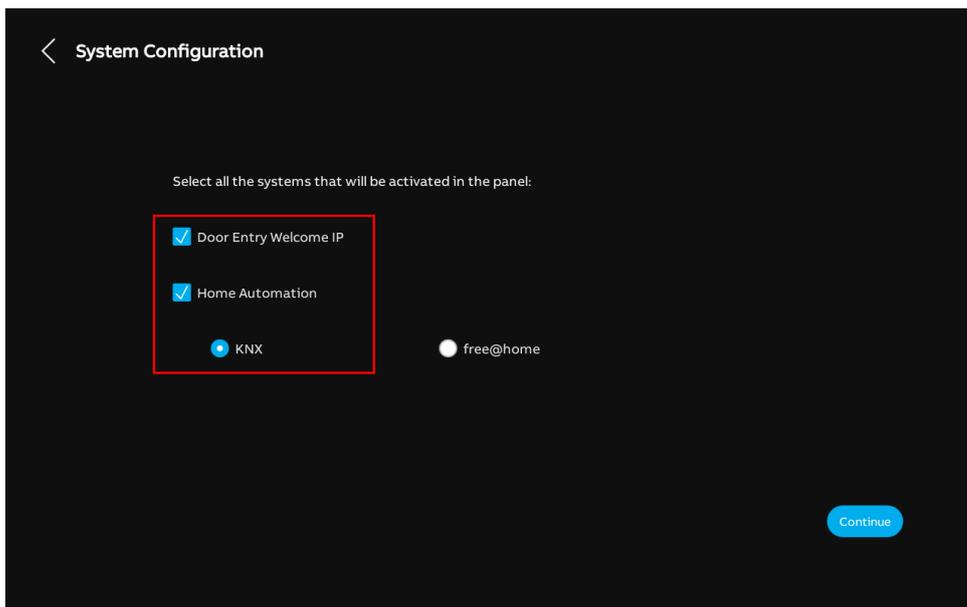


8.1.4 Door Entry System with KNX

This mode applies to the Door Entry System & the free@home system.

On the "System Configuration" screen during the "Wizard Setup",

- Enable the "Door Entry Welcome IP" check box.
- Enable the "Home Automation" check box.
- Enable the "KNX" single choice.
- For more details, see chapter 10.1.3 "Setup Wizard - Door Entry System with KNX" on page 213.

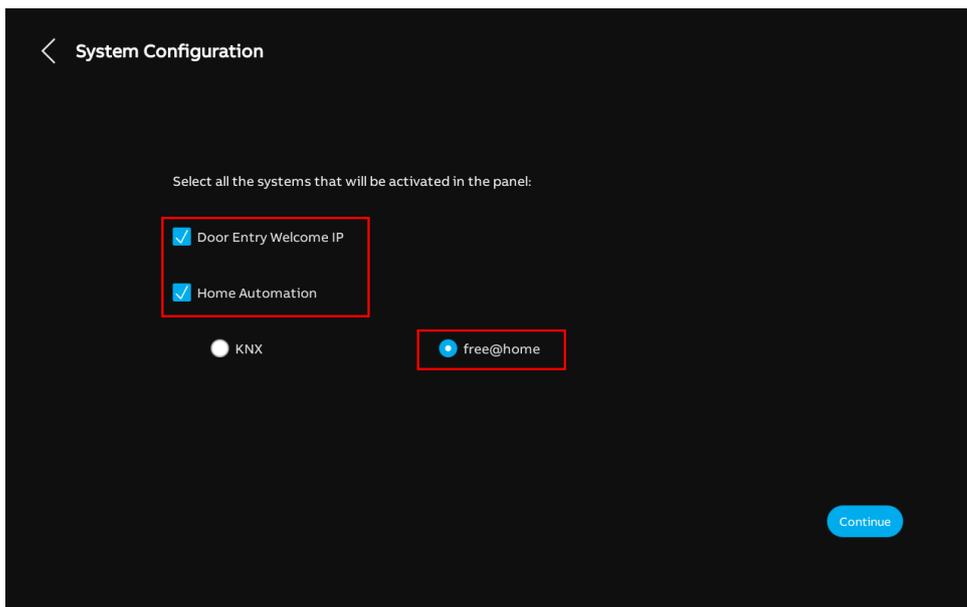


8.1.5 Door Entry System with free@home

This mode applies to the Door Entry System & the free@home system.

On the "System Configuration" screen during the "Wizard Setup",

- Enable the "Door Entry Welcome IP" check box.
- Enable the "Home Automation" check box.
- Enable the "free@home" single choice.
- For more details, see chapter 10.2.3 "Setup Wizard - Door Entry System with free@home" on page 249.

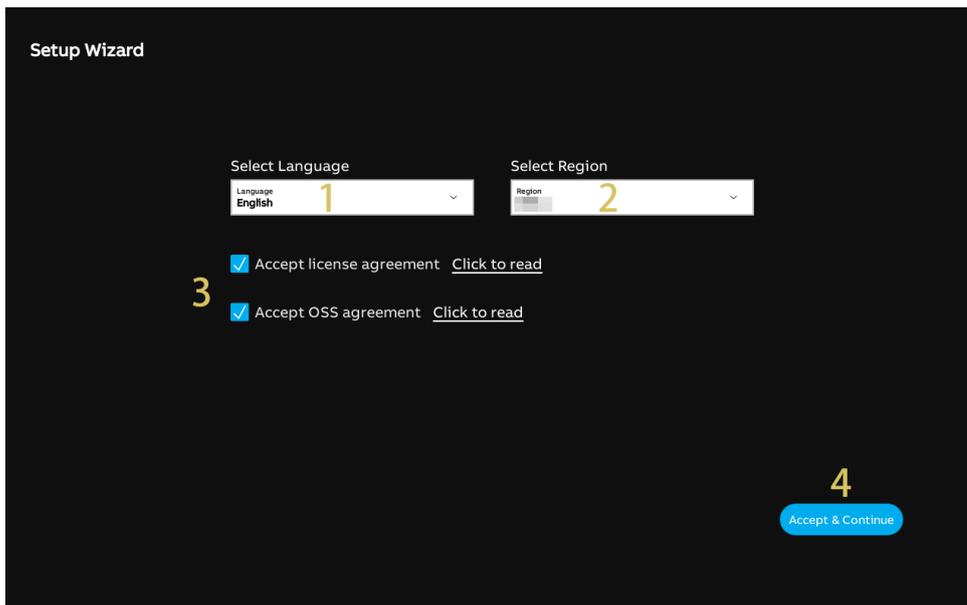


8.2 Setup wizard - Door Entry System only

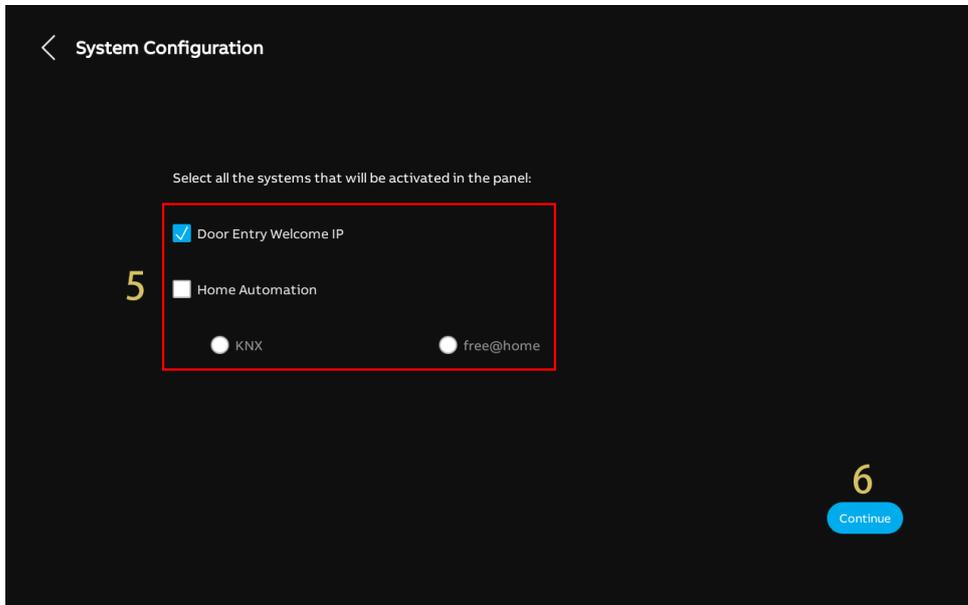
8.2.1 Configuration without SmartAP

Please follow the steps below:

- [1] On the "Setup wizard" screen, select the language from the drop-down list.
- [2] Select the region from the drop-down list.
- [3] Tick the check box to accept the licences. Or tap "Click to read" to view the details of the licence.
- [4] Tap "Accept & Continue" to access the next screen.

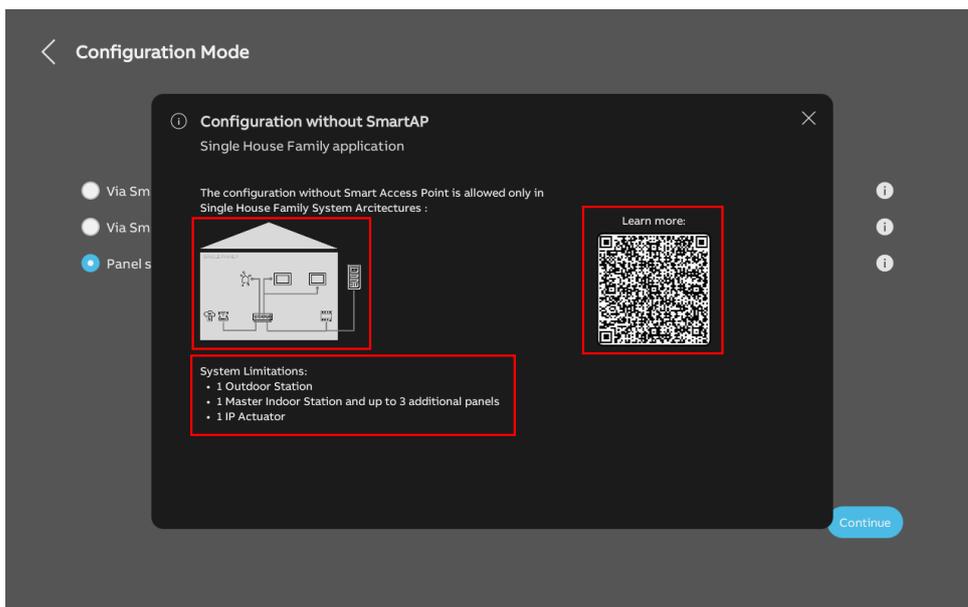
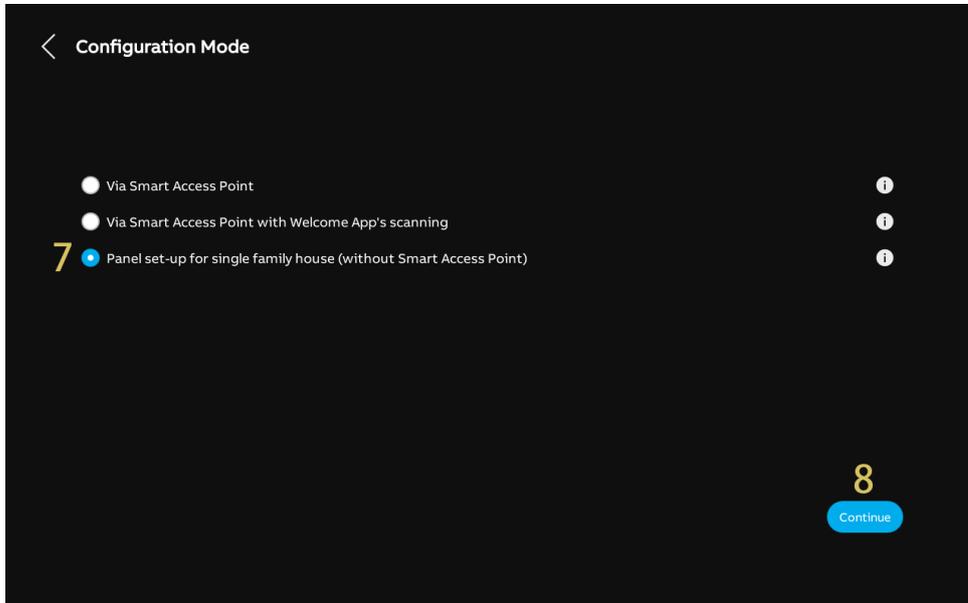


- [5] On the "Configuration Mode" screen, select the system mode.
- For more details, see chapter 8.1 "Operating modes" on page 28.
- [6] Tap "Continue".

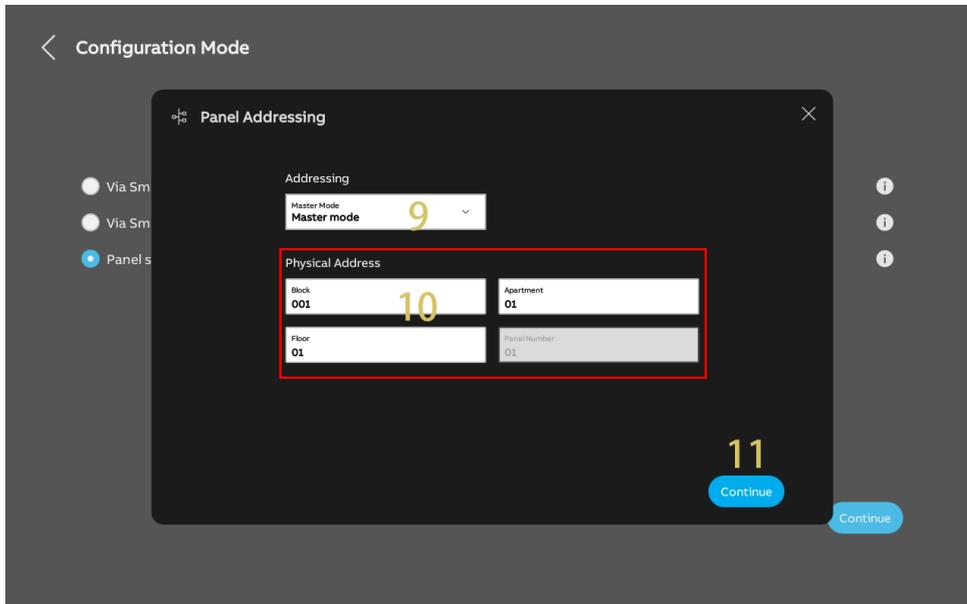


[7] On the "Configuration Mode" screen, select "Panel set-up for single family house", tap "  " to see the system topology, system recommended capacity, and you can download the product manual by scanning the QR code on the right.

[8] Tap "Continue".



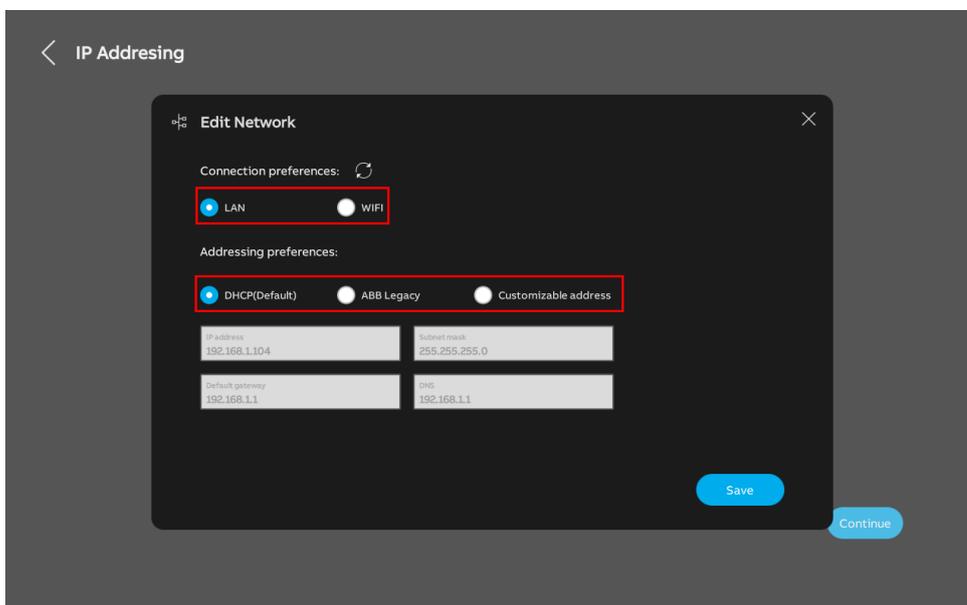
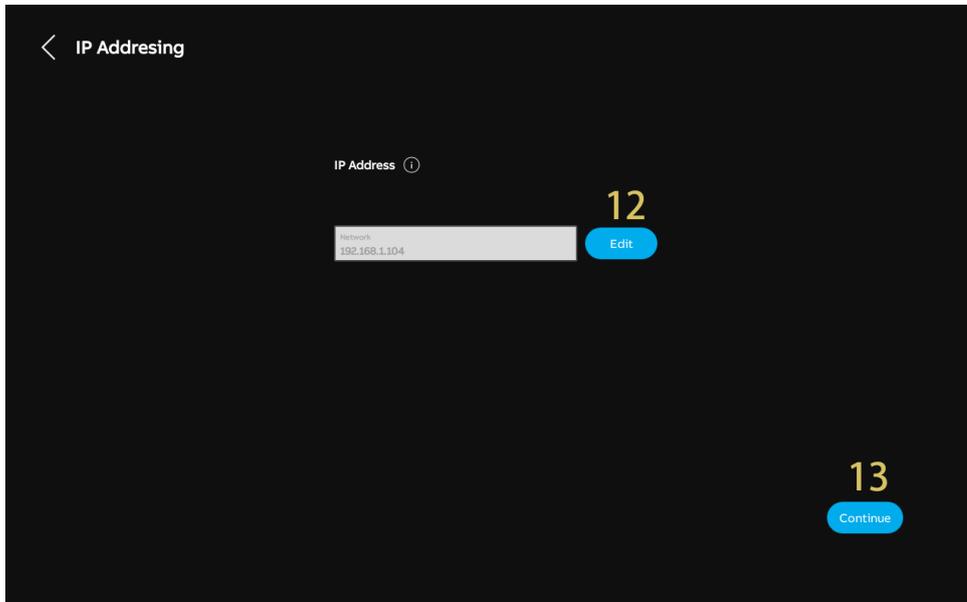
- [9] On the "Panel Addressing" screen, select "Master mode". Only one Indoor Station can be set to "Master mode" in the same apartment.
- [10] Enter the block number, the floor number and the apartment number. The "Panel number" is preset as "01" and cannot be modified while the "Master mode" is selected.
- [11] Tap "Continue".



[12] On the "IP Addressing" screen, tap "Edit" to access the corresponding screen.

- Select the connection type, it can be set to "LAN" or "WiFi".
- Select the address type, it can be set to "DHCP", "Customizable address" or "ABB Legacy". If "ABB Legacy" is selected, IP address will be "10.0.x.x".
- Please tap "Save" if the settings have been changed.

[13] Tap "Continue".



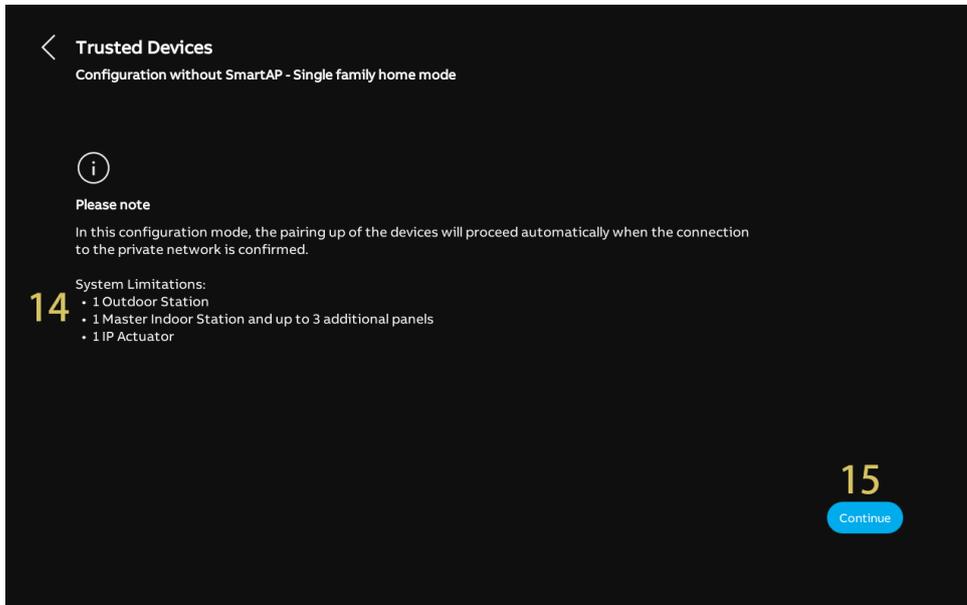
[14] On the "Trusted Devices" screen, check the system recommended capacity again.

[15] Tap "Continue".

[16] Check the system topology.

[17] Tap "Continue" to start searching the devices in the single-family house.

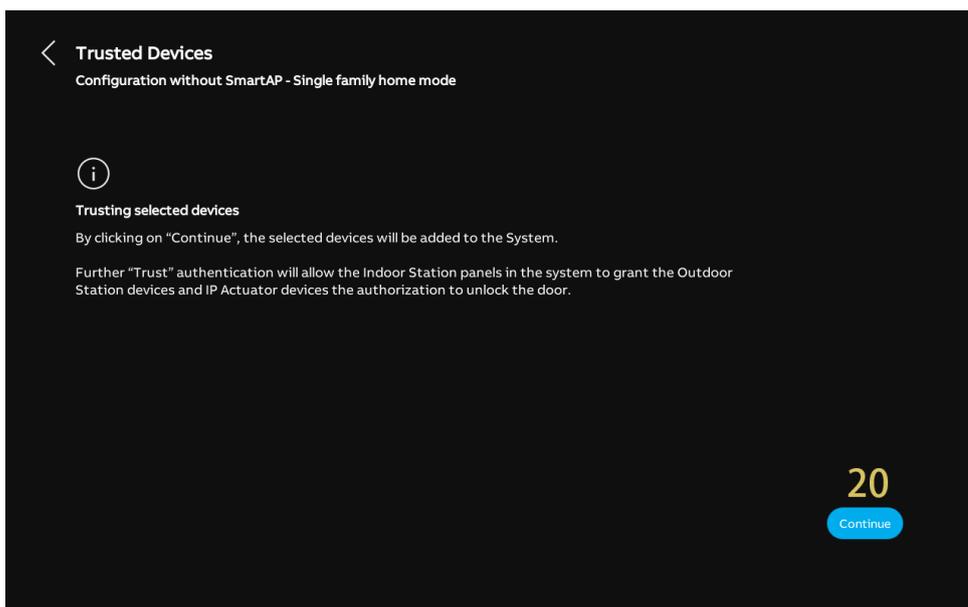
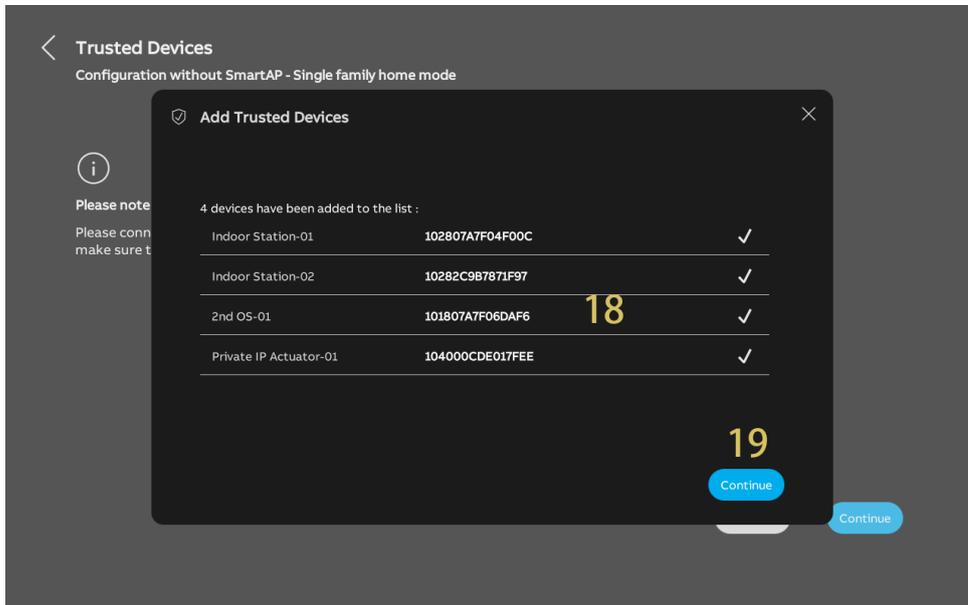
- On the "Trusted Devices" screen, you can also tap "Do it later" to skip this setting if your devices are not ready.



[18]All the related devices are displayed on the list.

[19]Tap "Continue".

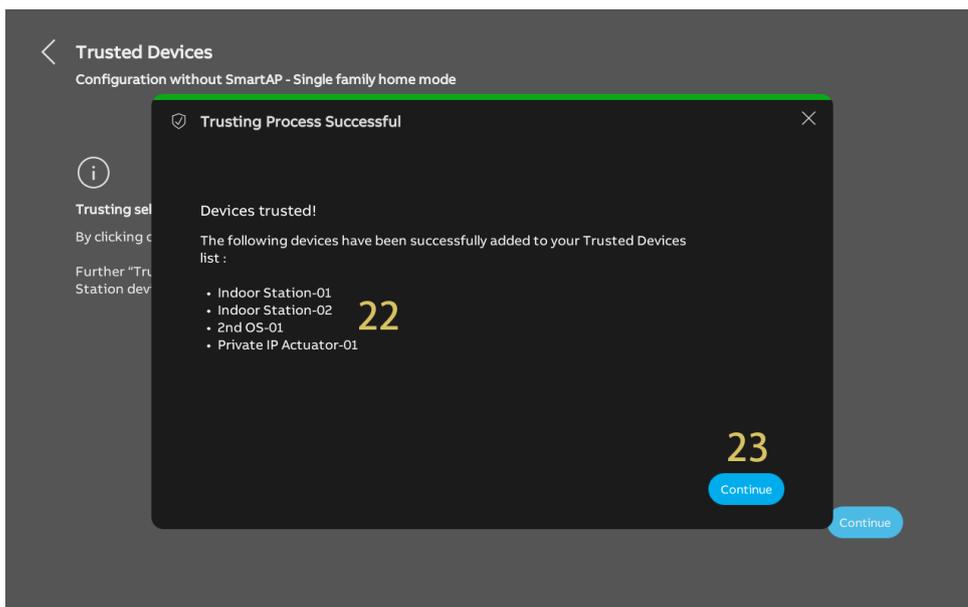
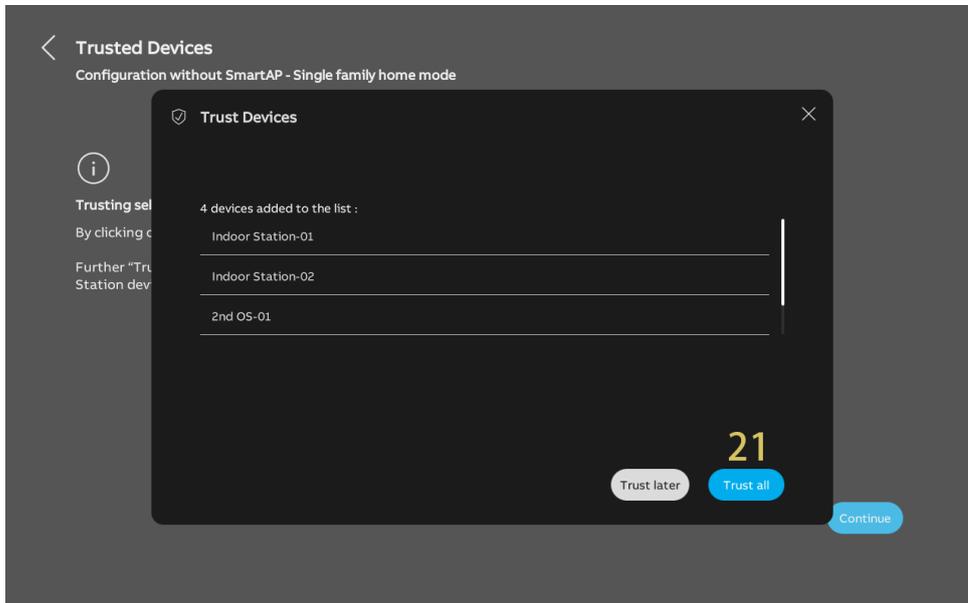
[20]Tap "Continue".



[21] Tap "Trust all".

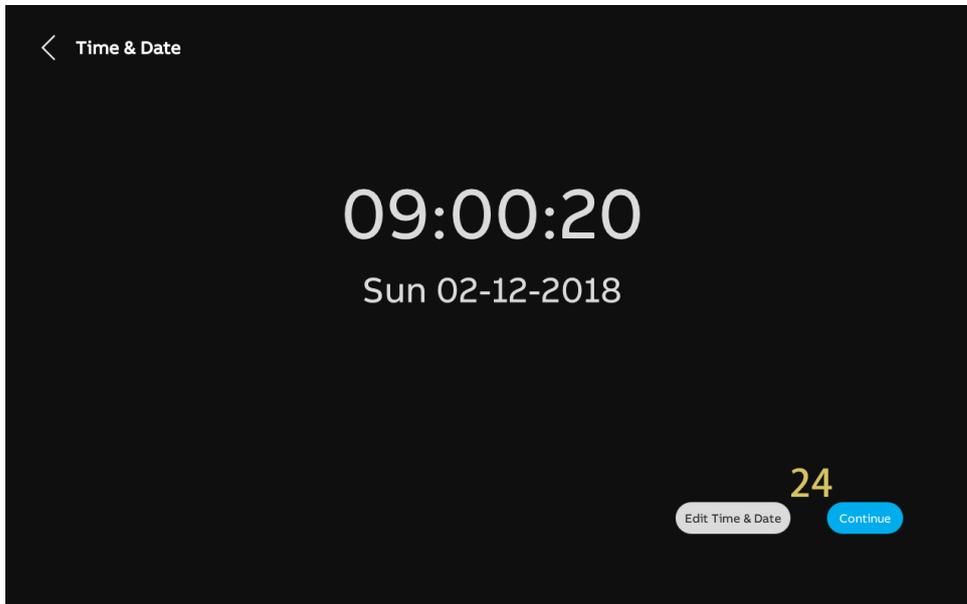
[22] All the related devices will be displayed on the screen.

[23] Tap "Continue".



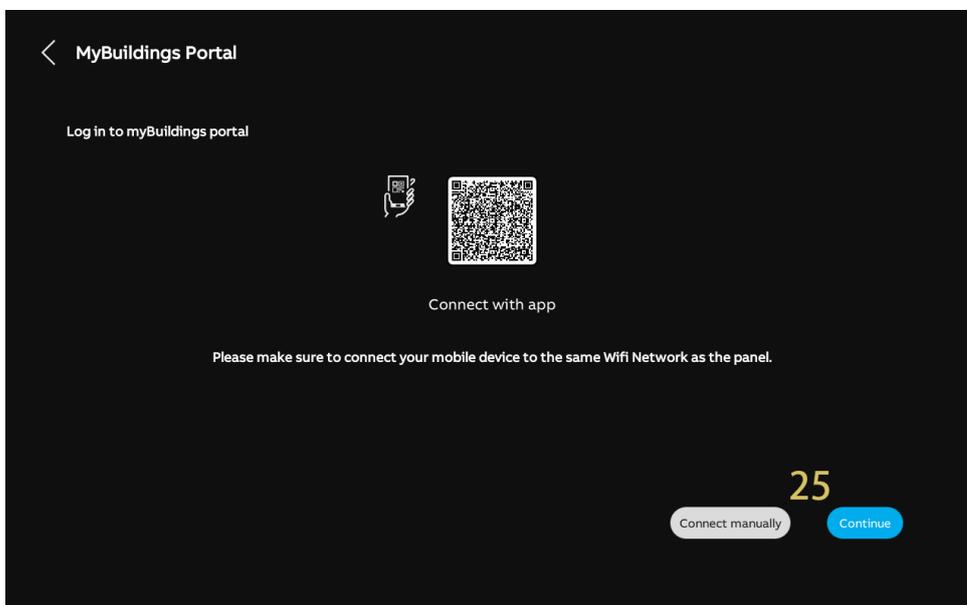
[24] On the "Time & date" screen, you can carry out this setting at this time or tap "Continue" to skip this setting for the moment.

- For more details, see chapter 8.3.7 "Time and date settings" on page 89.



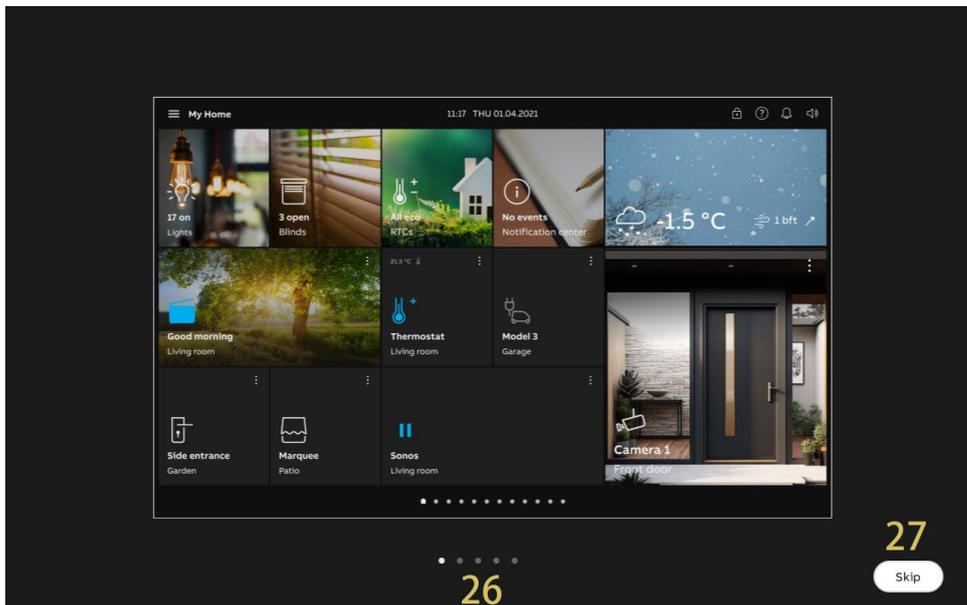
[25] On the "MyBuildings portal" screen, you can carry out this setting at this time or tap "Continue" to skip this setting first if App is not ready.

- For more details, see chapter 8.3.5 "MyBuildings settings" on page 84.



[26] There are 5 screens to guide you how to use the panel.

[27] Tap "Skip" if you are already familiar with the panel.



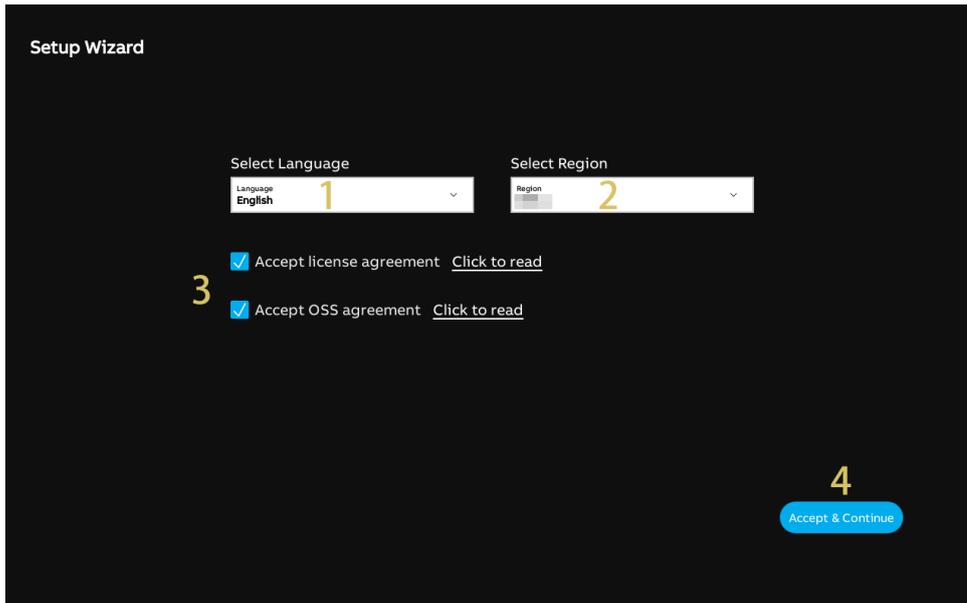
Note

After configuring the Master IS, the 2nd OS and the IPA will both complete their configuration. However, the Subsidiary IS still needs some steps to complete its configuration. Please see the "Single House Configuration without the SmartAP" chapter of the system manual for more details.

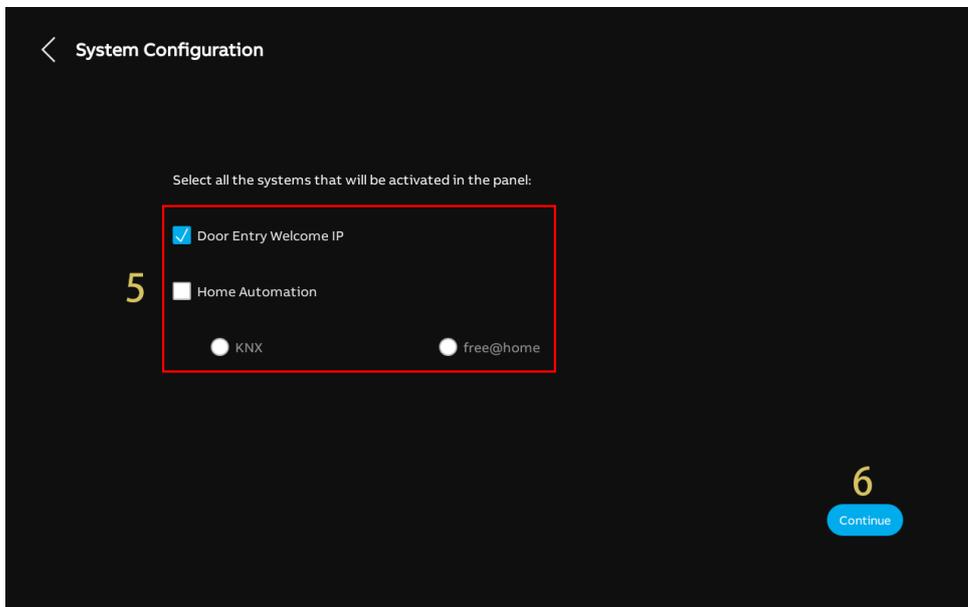
8.2.2 Configuration via SmartAP

Please follow the steps below:

- [1] On the "Setup wizard" screen, select the language from the drop-down list.
- [2] Select the region from the drop-down list.
- [3] Tick the check box to accept the licences. Or tap "Click to read" to view the details of the licence.
- [4] Tap "Accept & Continue" to access the next screen.



- [5] On the "Configuration Mode" screen, select the system mode.
- For more details, see chapter 8.1 "Operating modes" on page 28.
- [6] Tap "Continue".



[7] Select "Via Smart Access Point", tap " i " to see more details.

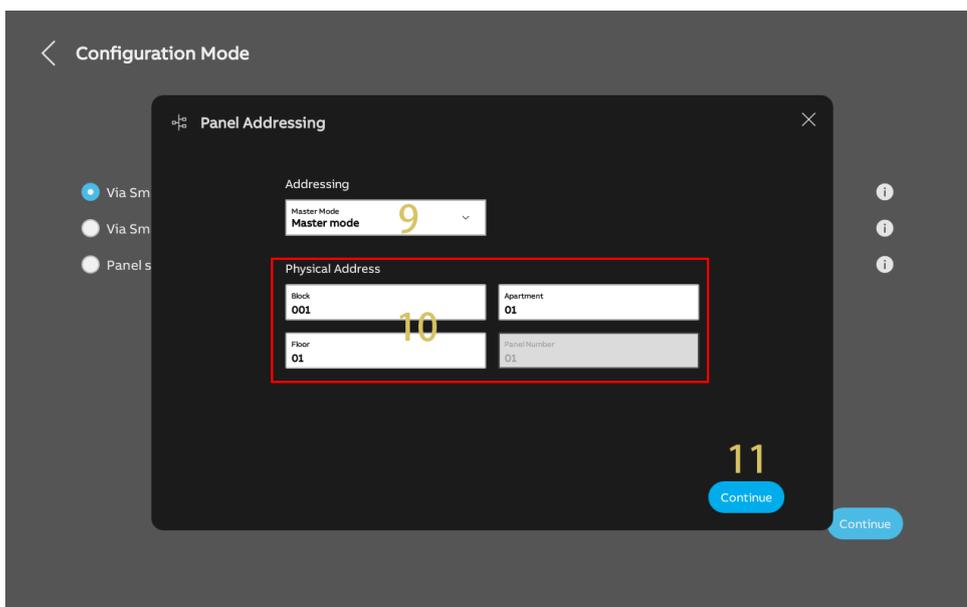
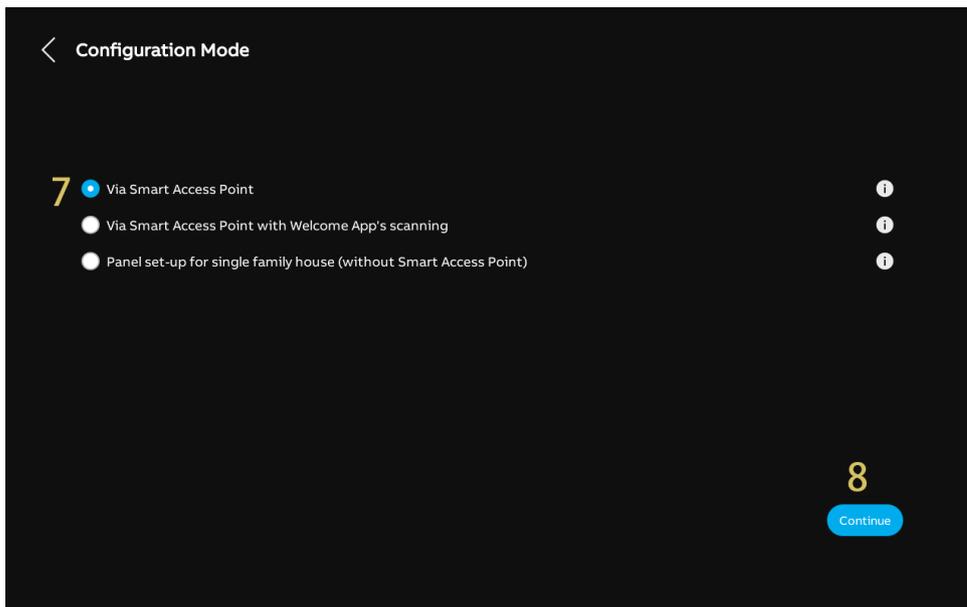
[8] Tap "Continue".

[9] On the "Panel Addressing" screen, select the mode for the panel. It can be set to "Master mode" or "Subsidiary mode". Only one panel can be set to "Master mode" in the same apartment.

[10] Enter the physical address, e.g. the block number, floor number and apartment number.

- If the panel is set to "Subsidiary mode", you still need to enter the device number.
- If "Configuration via Welcome APP's scanning process" is enabled, the physical address of this panel will be set via the APP.

[11] Tap "Continue".

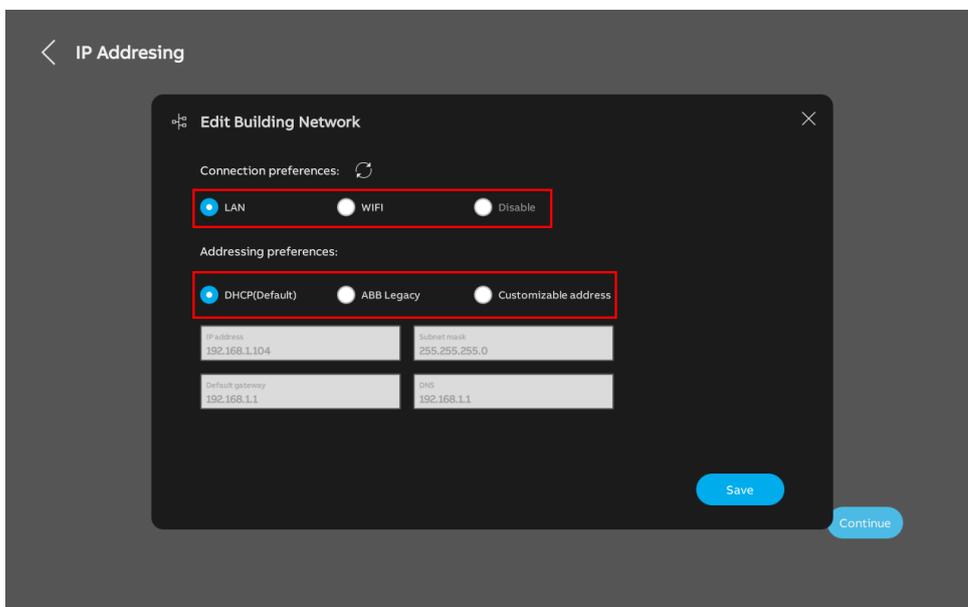
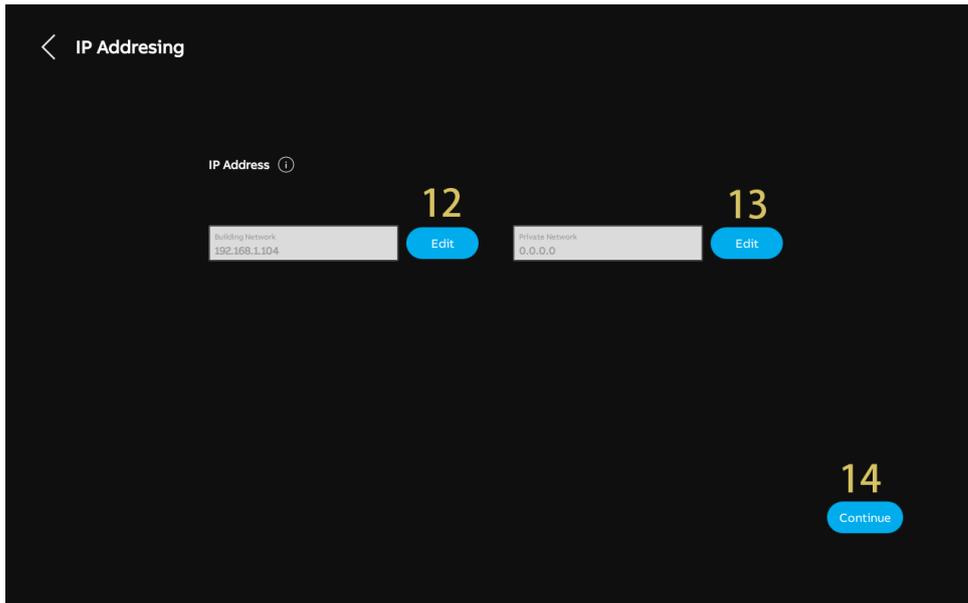


[12] On the "IP Addressing" screen, go to "Building network" section, tap "Edit" to access the corresponding screen.

- Select the connection type, it can be set to "LAN" or "WiFi".
- Select the address type, it can set to "DHCP", "ABB Legacy" or "ABB Legacy". If "ABB Legacy" is selected, IP address will be "10.0.x.x".
- Please tap "Save" if the settings have been changed.

[13] Go to "Private network" section, tap "Edit" and carry out the similar operation as "Building network".

[14] Tap "Continue".

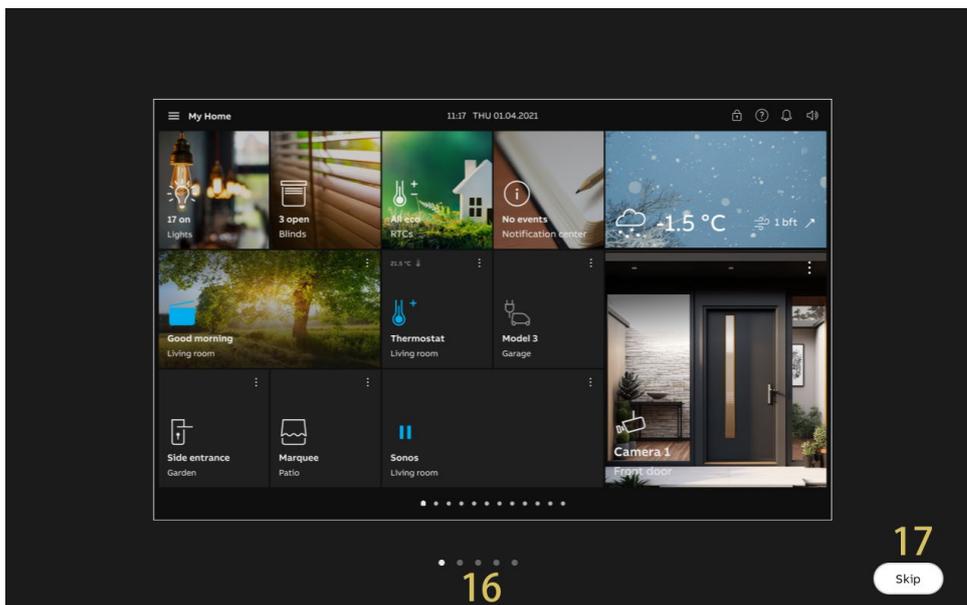
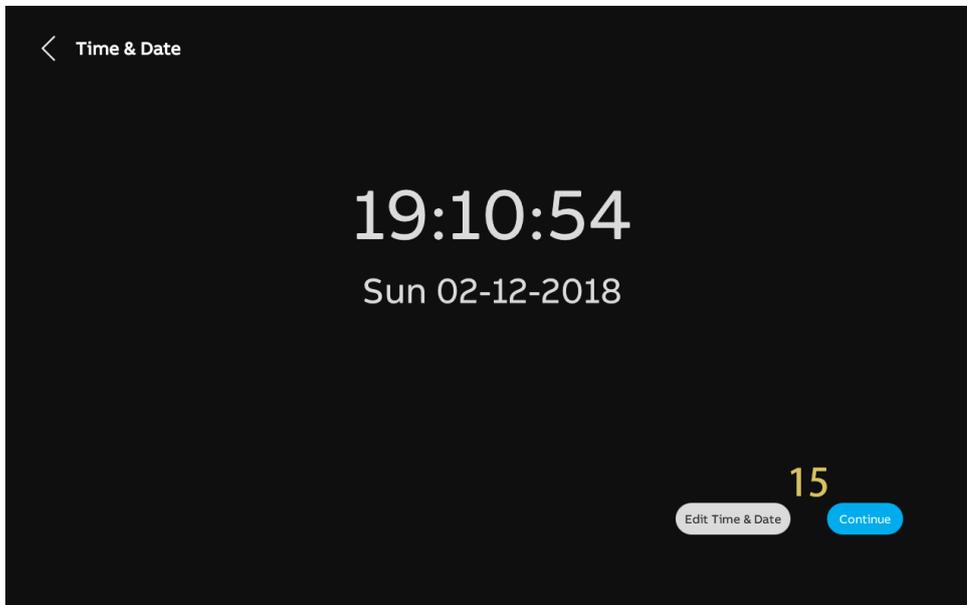


[15] On the "Time & date" screen, you can carry out this setting at this time or tap "Continue" to skip this setting for the moment.

- For more details, see chapter 8.3.7 "Time and date settings" on page 89.

[16] There are 5 screens to guide you on how to use the panel.

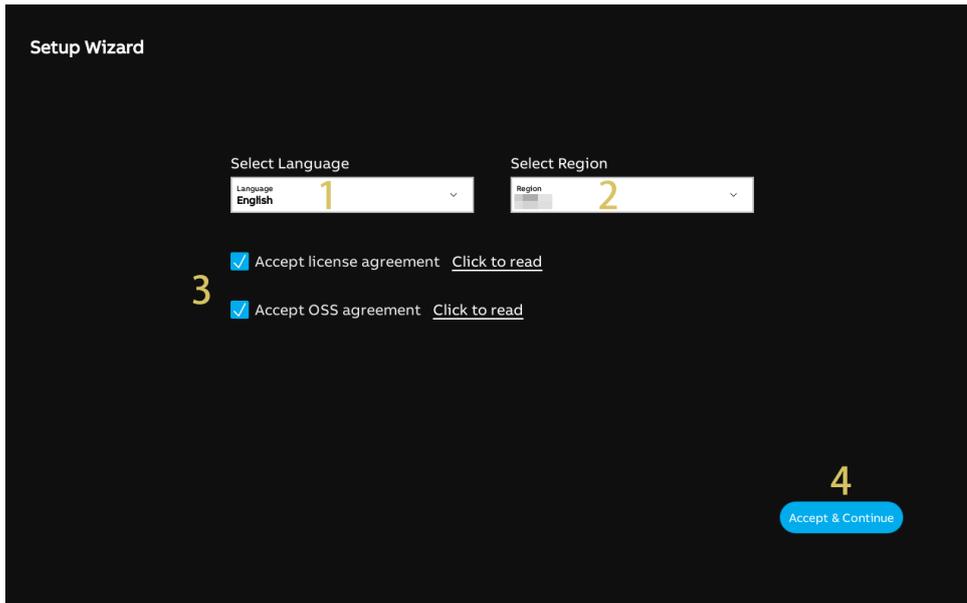
[17] Tap "Skip" if you are already familiar with the panel.



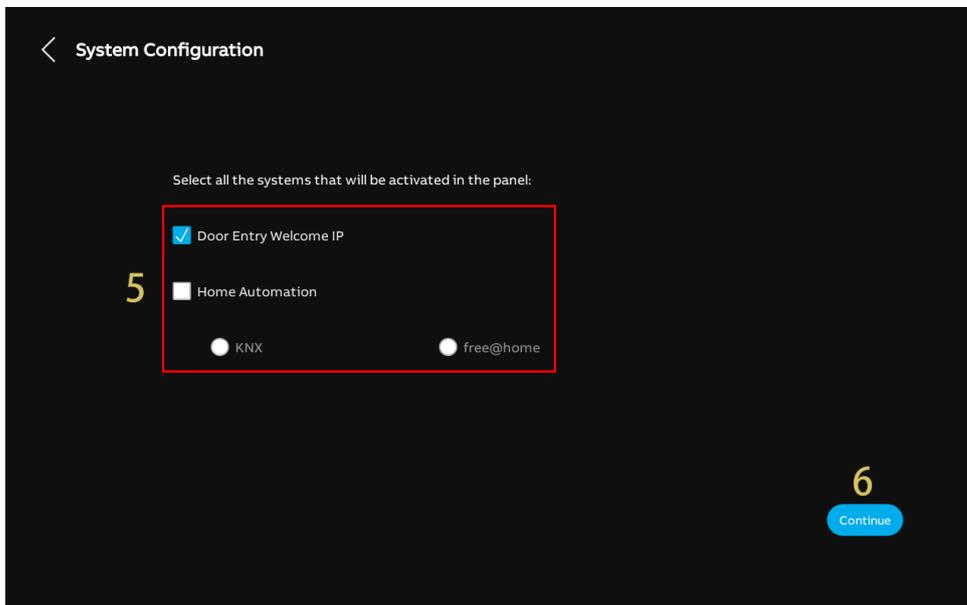
8.2.3 Configuration via SmartAP & APP

Please follow the steps below:

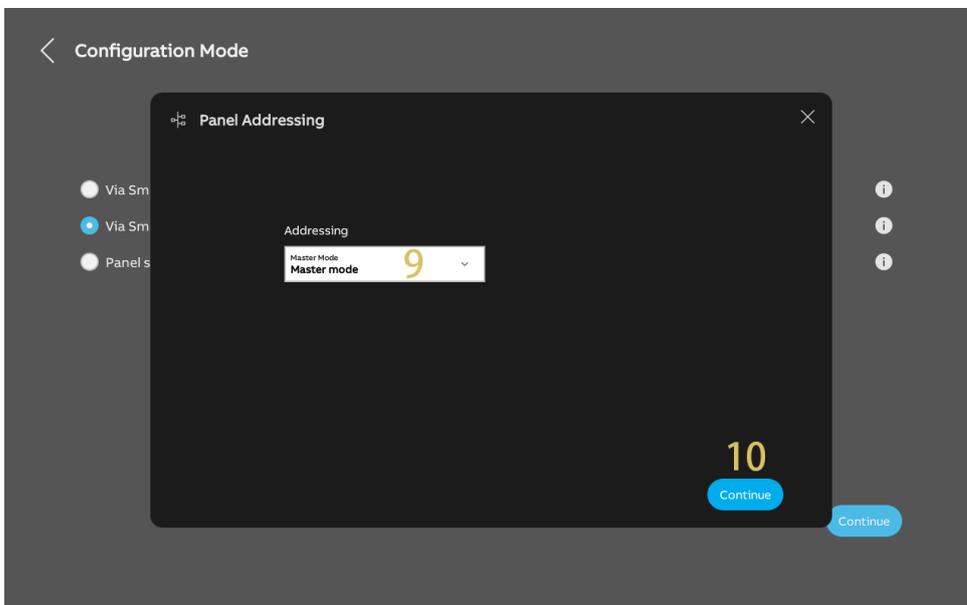
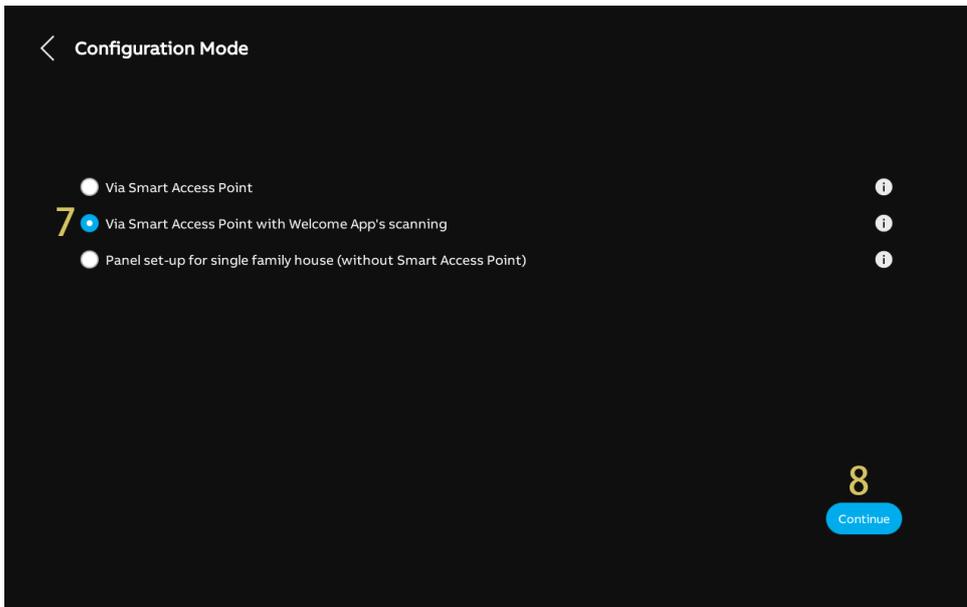
- [1] On the "Setup wizard" screen, select the language from the drop-down list.
- [2] Select the region from the drop-down list.
- [3] Tick the check box to accept the licences. Or tap "Click to read" to view the details of the licence.
- [4] Tap "Accept & Continue" to access the next screen.



- [5] On the "Configuration Mode" screen, select the system mode.
- For more details, see chapter 8.1 "Operating modes" on page 28.
- [6] Tap "Continue".



- [7] Select "Via Smart Access Point with Welcome APP's scanning", tap " i " to see more details.
- [8] Tap "Continue".
- [9] On the "Panel Addressing" screen, select the mode for the panel. It can be set to "Master mode" or "Subsidiary mode". Only one panel can be set to "Master mode" in the same apartment.
- [10] Tap "Continue".

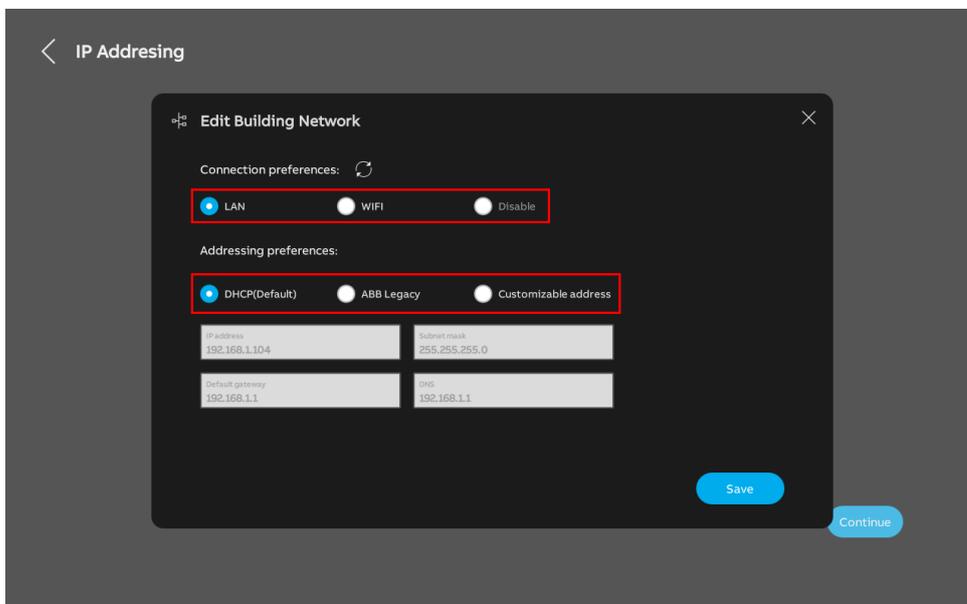
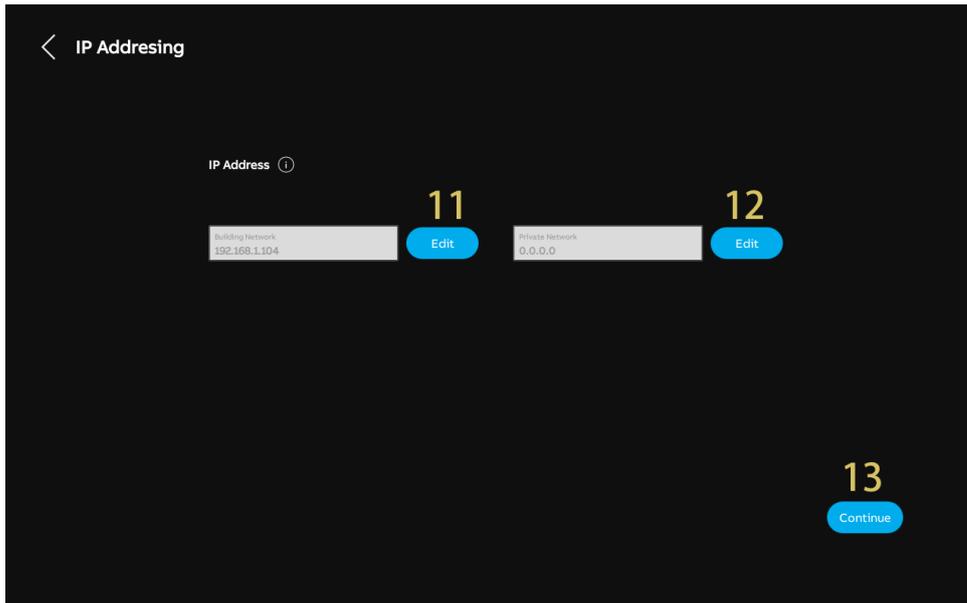


[11] On the "IP Addressing" screen, go to "Building network" section, tap "Edit" to access the corresponding screen.

- Select the connection type, it can be set to "LAN" or "WiFi".
- Select the address type, it can be set to "DHCP", "ABB Legacy" or "ABB Customizable address". If "ABB Legacy" is selected, IP address will be "10.0.x.x".
- Please tap "Save" if the settings have been changed.

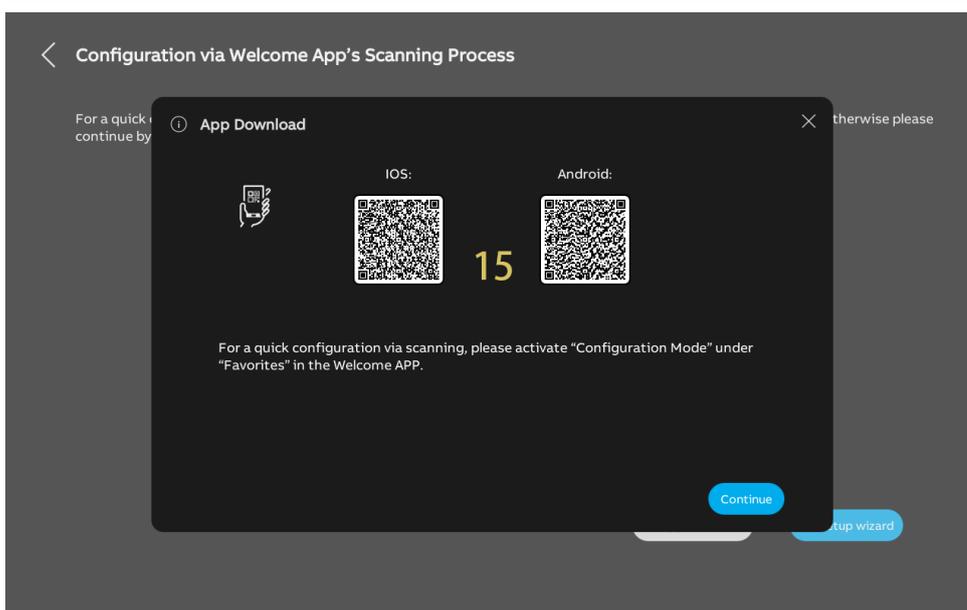
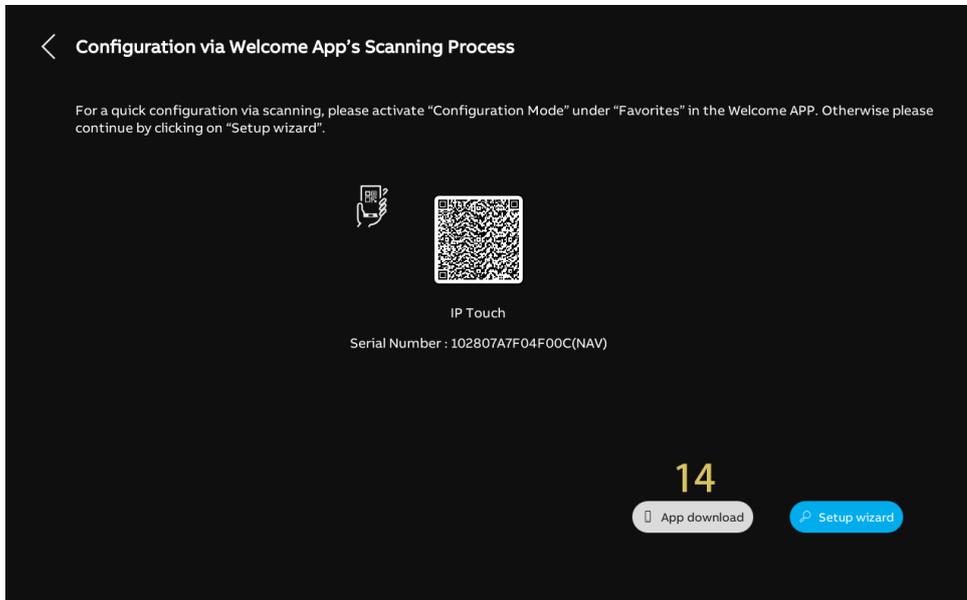
[12] Go to "Private network" section, tap "Edit" and carry out the equivalent operation as for "Building network".

[13] Tap "Continue".



[14] On the "Configuration via Welcome APP's Scanning Process" screen, tap "APP download" if you have not yet downloaded the APP.

[15] Scan the designated QR code by using your mobile to download the APP, then tap "Continue".



[16] Create a building structure on the APP.

- For more details, see chapter 8.2.4 “Creating a building structure on APP” on page 55.

[17] Use the APP to scan the QR code on the designated panels.

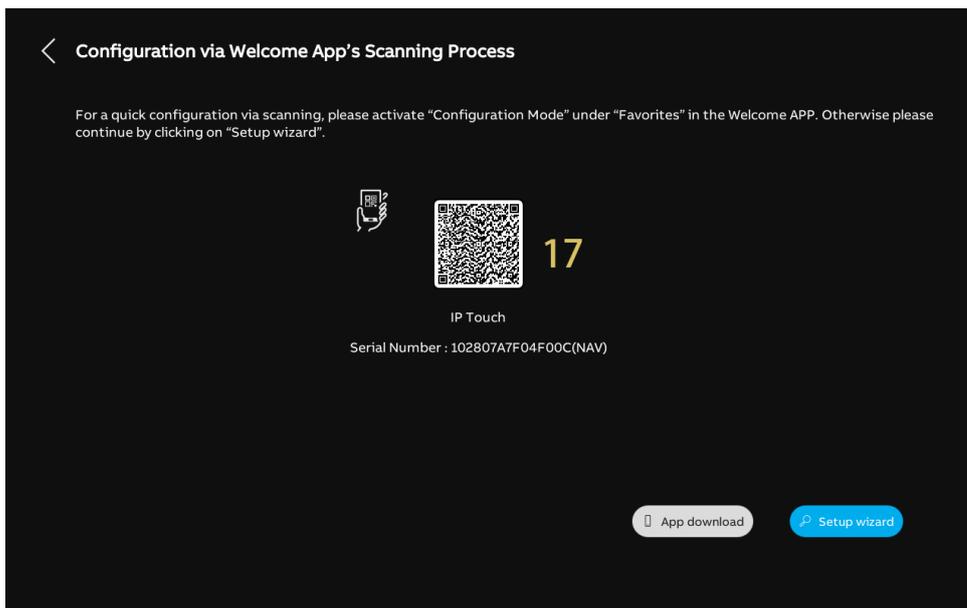
- For more details, see chapter 8.2.5 “Scanning the QR code on the panel” on page 59.

[18] Import the building structure from APP to SmartAP.

For more details, see chapter 8.2.6 “Importing a building structure via App” on page 61.

Regarding steps 16 - 18, when a step has been completed, please move to the next step.

After importing the building structure, SmartAP will set the physical address for the designated panels and assign the signatures at the same time.

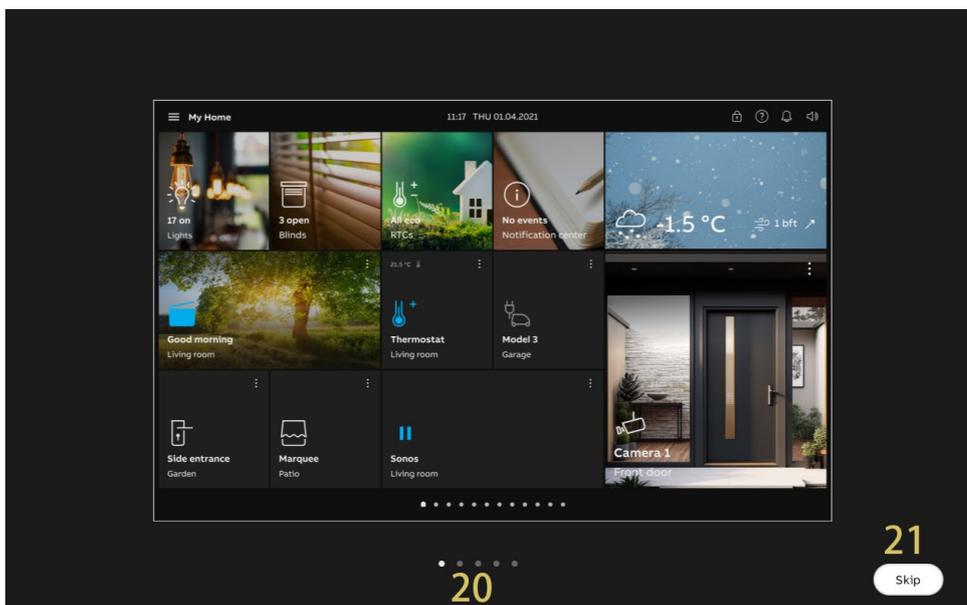
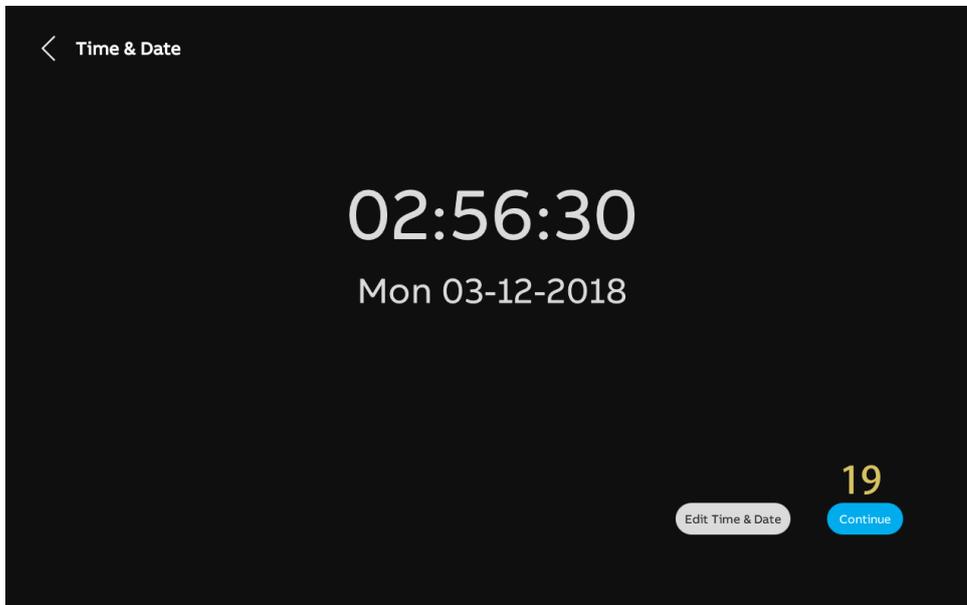


[19] On the "Time & date" screen, you can carry out this setting at this time or tap "Continue" to skip this setting for the moment.

- For more details, see chapter 8.3.7 "Time and date settings" on page 89.

[20] There are 5 screens to guide you on how to use the panel.

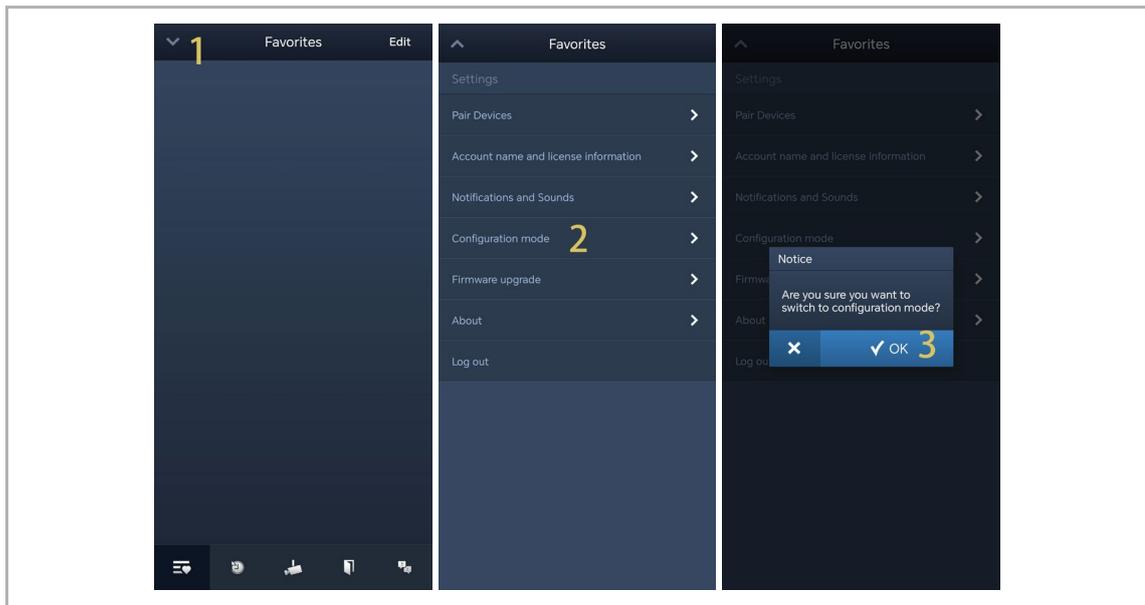
[21] Tap "Skip" if you are already familiar with the panel.



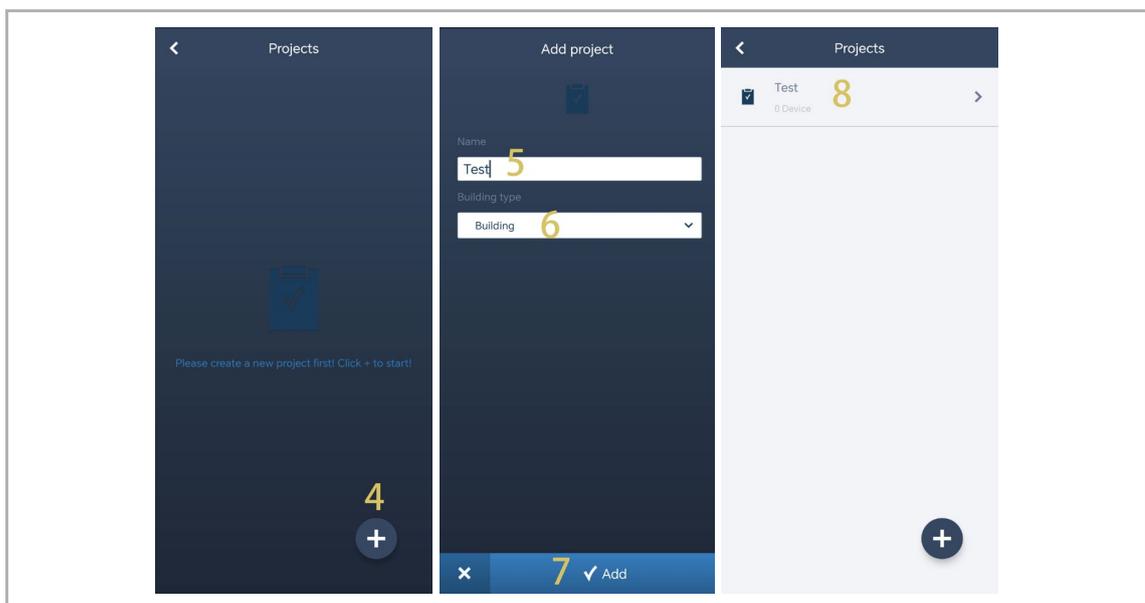
8.2.4 Creating a building structure on APP

Please follow the steps below:

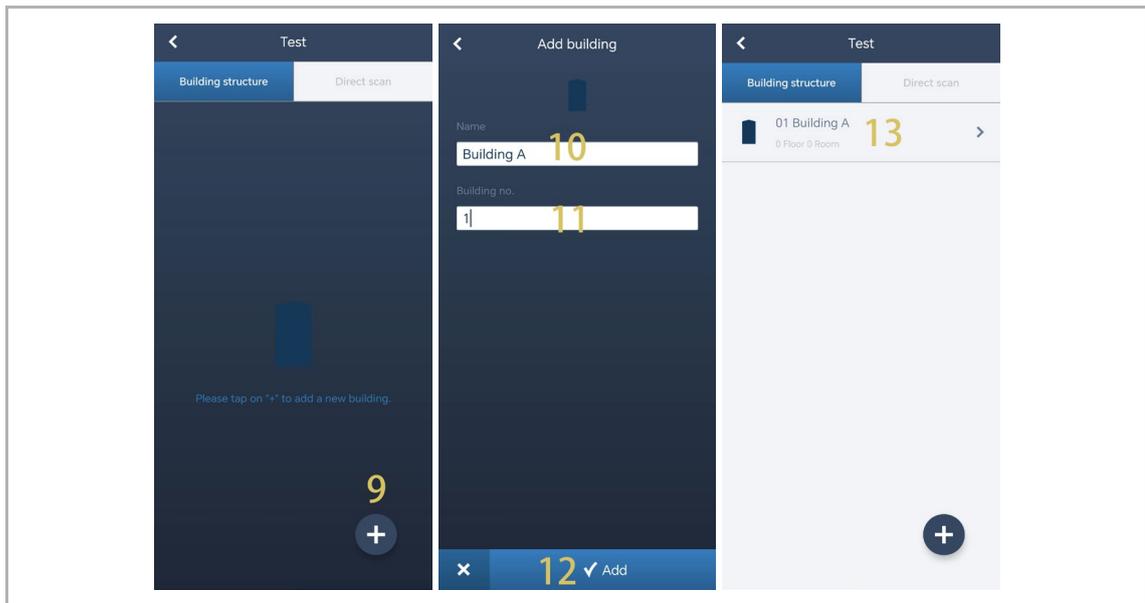
- [1] On the home screen of the APP, tap “”.
- [2] Tap “Configuration mode”.
- [3] Tap “OK” to access configuration mode.



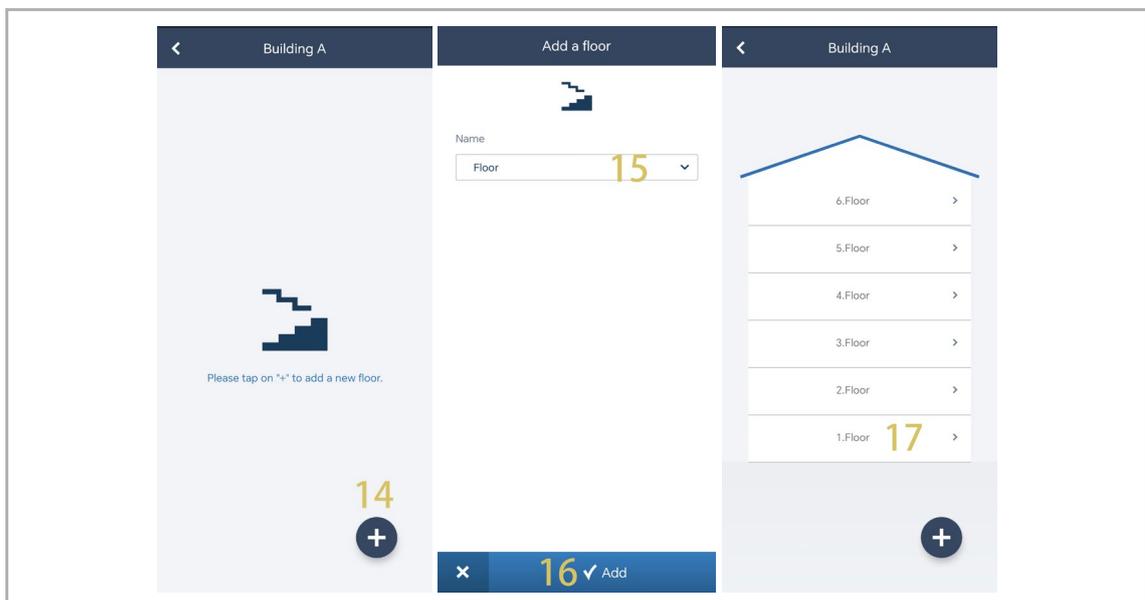
- [4] On the “Projects” screen, tap “”.
- [5] On the “Add project” screen, enter the project name.
- [6] Select the building type according to the system topology. It must be set to “Building”.
- [7] Tap “Add” to create a new project.
- [8] Tap the designated project.



- [9] On the designated project screen, tap “+”.
- [10] On the “Add building” screen, enter the building name.
- [11] Enter the building number.
- [12] Tap “Add” to create a new building.
- Repeat step 9~12 to create multiple buildings.
- [13] Tap the designated building.



- [14] On the designated building screen, tap “+”.
- [15] On the “Add a floor” screen, select the floor name from the drop-down list. It can be set to “Floor” or “Ground floor”.
- [16] Tap “Add” to create a new floor.
- Repeat step 15~16 to create multiple floors for the designated building.
- [17] Tap the designated floor.



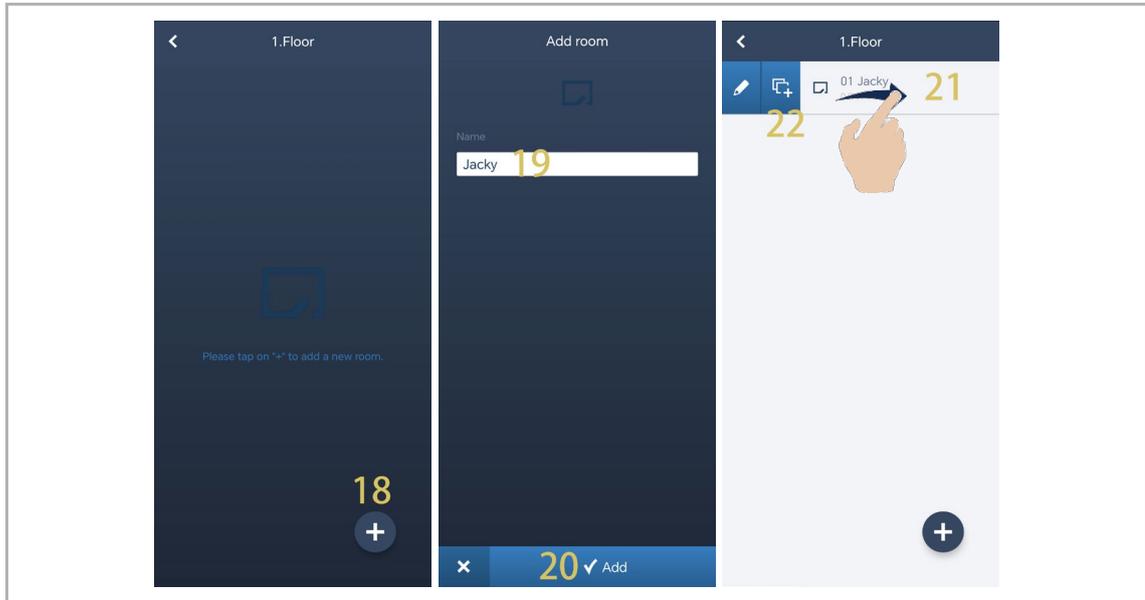
[18] On the designated floor screen, tap “+” to add a room.

[19] Enter the alias name for the designated room.

[20] Tap “Add” to create a new room.

[21] On the designated floor screen, swipe a room name to the right.

[22] Tap “+” to create multiple rooms as a batch.



[23] Enter the duplicate number.

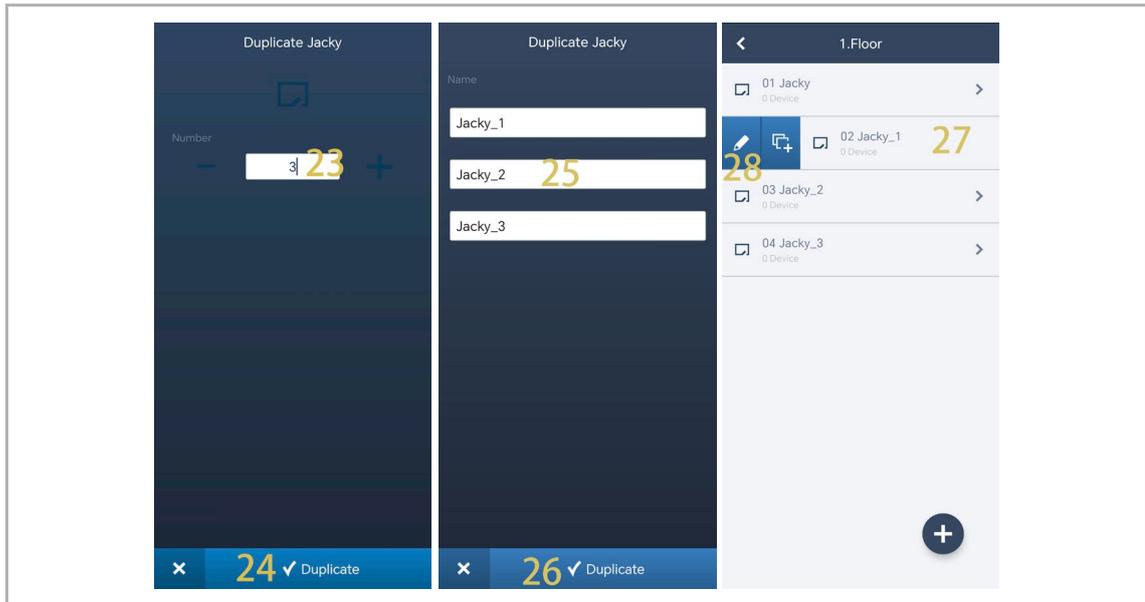
[24] Tap “Duplicate”.

[25] Enter the alias name for each room now or do it later.

[26] Tap “Duplicate”.

[27] On the designated floor screen, swipe the designated room name to the right.

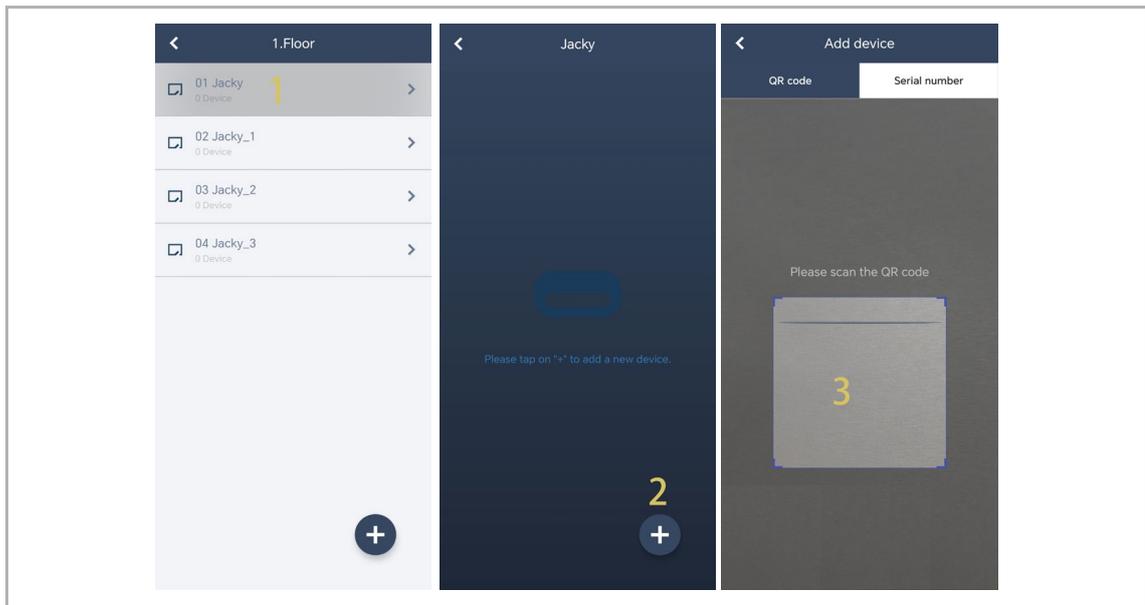
[28] Tap “” to set the alias name for the designated room.



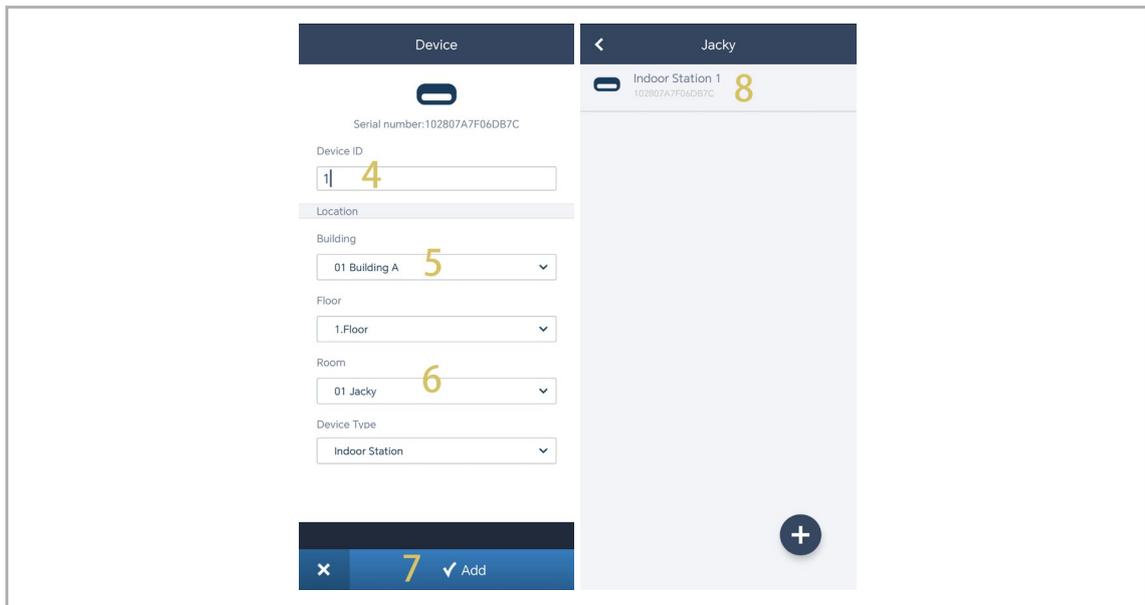
8.2.5 Scanning the QR code on the panel

Please follow the steps below:

- [1] On the designated floor screen, tap the designated room.
- [2] On the designated room screen, tap “+”.
- [3] On the “Add device” screen, scan the QR code displayed on the panel.



- [4] On the “Device” screen, serial number of the device will be displayed.
 - [5] Check the location.
 - [6] Check the device type.
 - [7] Tap “Add” to add a new device.
 - [8] The result is displayed on the screen if success.
- Repeat step 1~7 to add multiple devices.

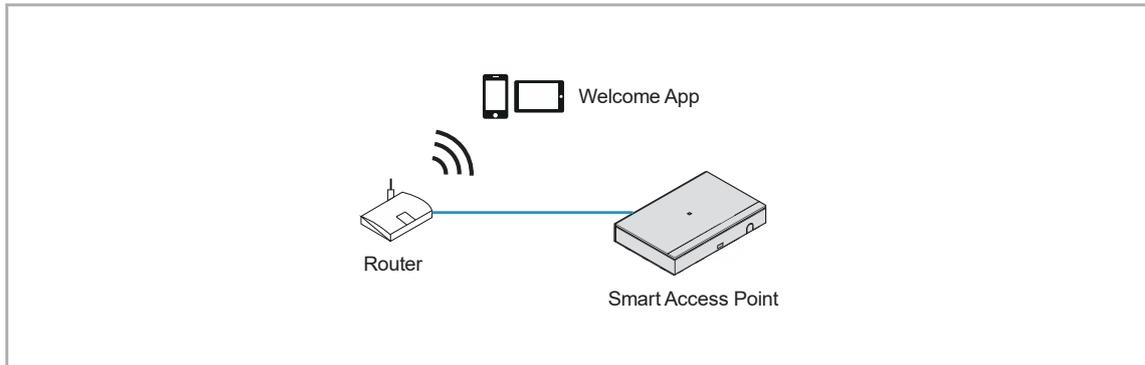


8.2.6 Importing a building structure via App

- SmartAP can import the building created in the App.
- You can import one building once or several buildings as a batch.

Preconditions

- The APP must be on the same network as SmartAP.
- The building structure has been created in the App.



Importing rule

The building structure will be overwritten according to the rules below:

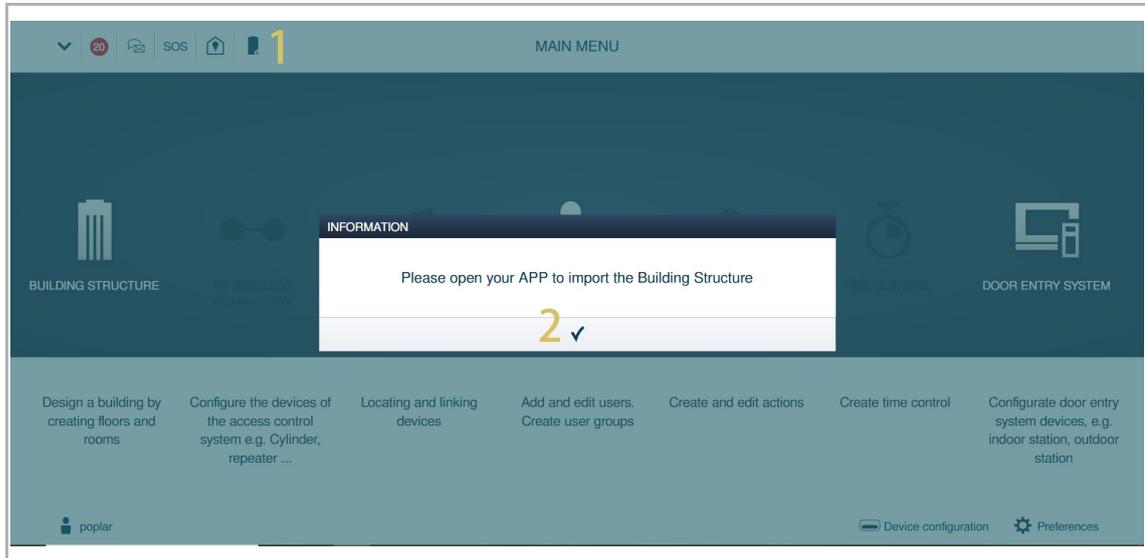
- A, B, C, D, E, F means the building number.
- B and B+ is the same building number.
- + means the building structure has been changed.

App	SmartAP before	SmartAP after
B+	A, B, C	A, B+, C
B+, C+	A, B, C	A, B+, C+
D, E, F	A, B, C	A, B, C, D, E, F

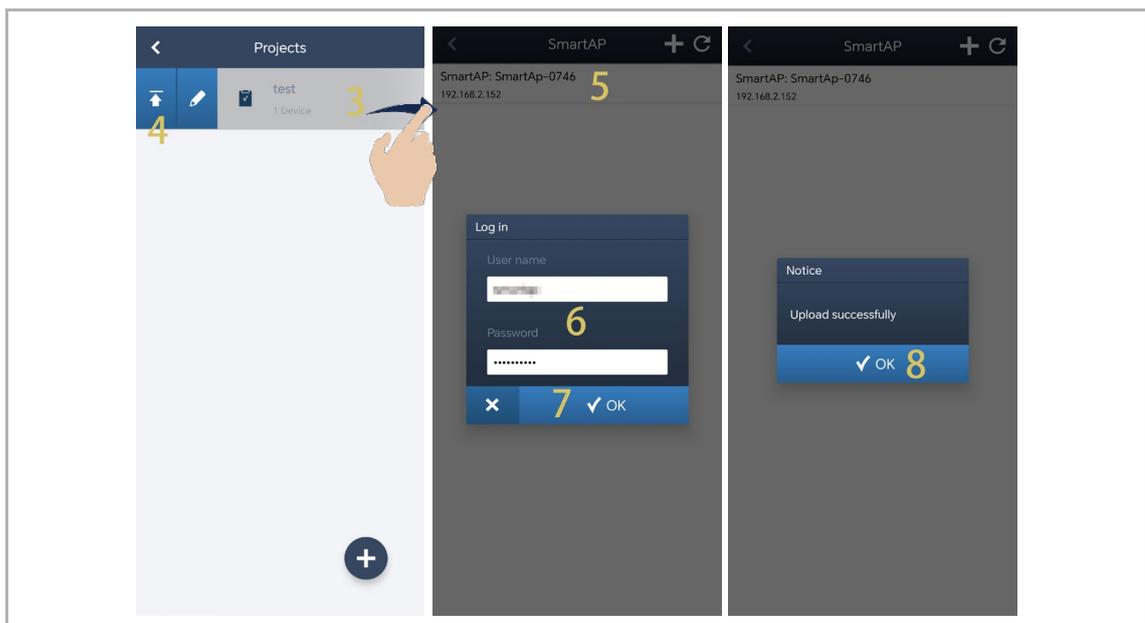
Importing process

Please follow the steps below:

- [1] On the home screen of the SmartAP, click "  ".
- [2] A pop-up window will appear, please keep the window open and do not click " ✓ ".



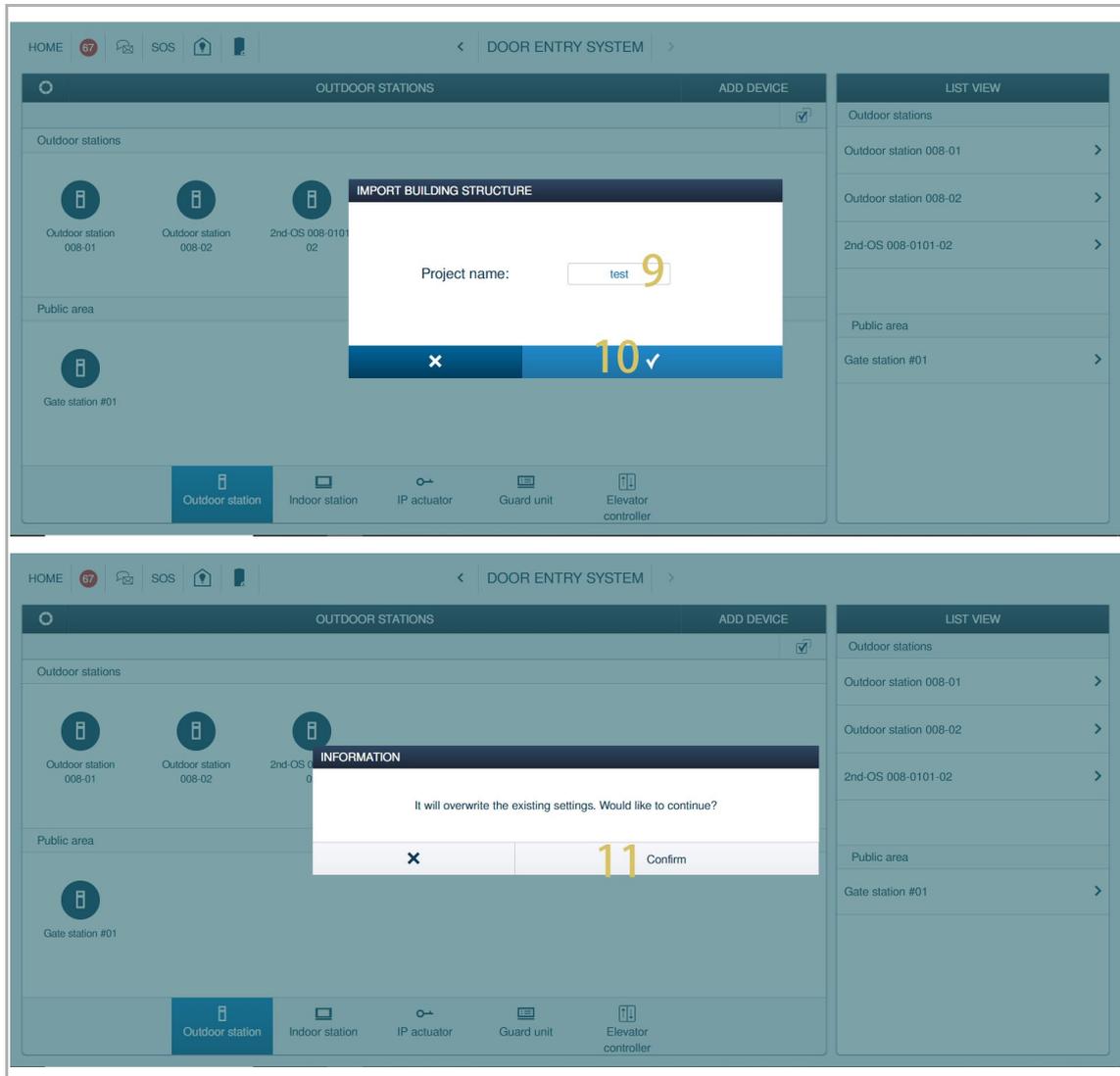
- [3] On the "Projects" screen of the APP, swipe the designated project name to the right.
- [4] Tap "  ".
- [5] Tap the designated SmartAP in the list.
- [6] Enter the account and the password of the designated SmartAP.
- [7] Tap "OK".
- [8] "Upload successfully" will be displayed if successful. Tap "OK".



[9] On the configuration screen of SmartAP, the project name will be displayed on the screen.

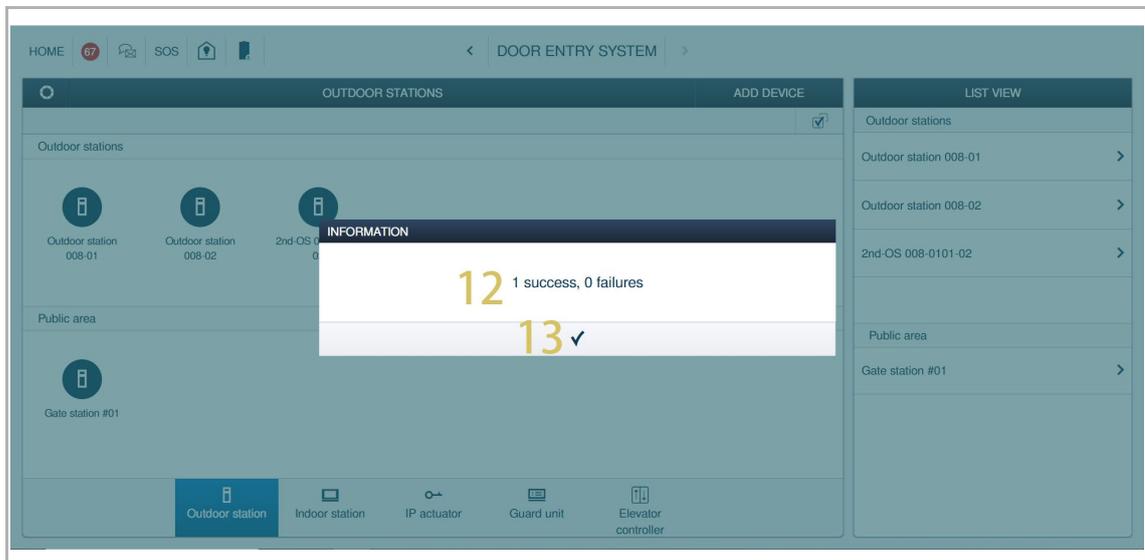
[10] Click "✓".

[11] Click "Confirm".



[12]The import result will be displayed.

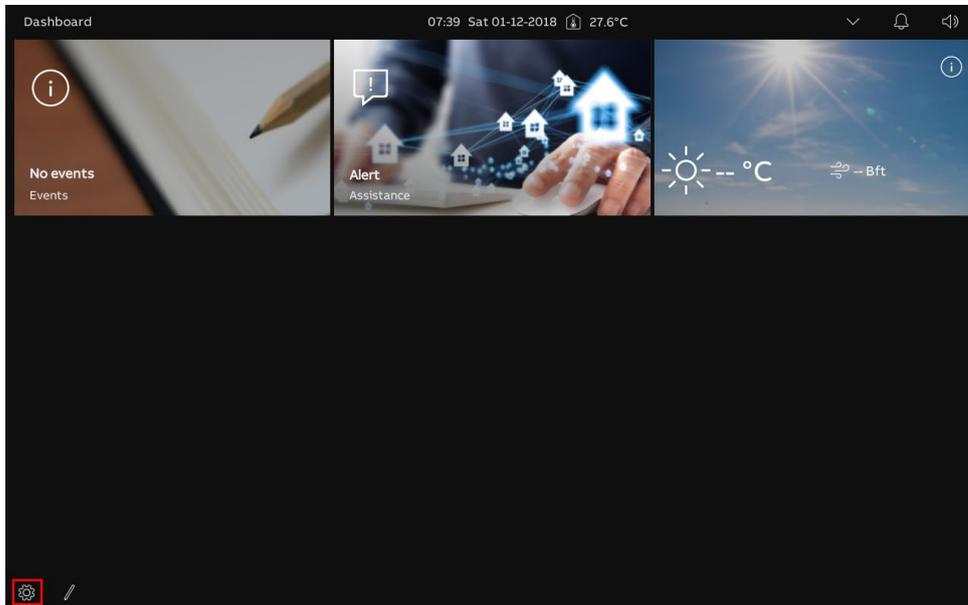
[13]Click " ✓ " to complete the import process.



8.3 System settings

8.3.1 Accessing the "Settings" screen

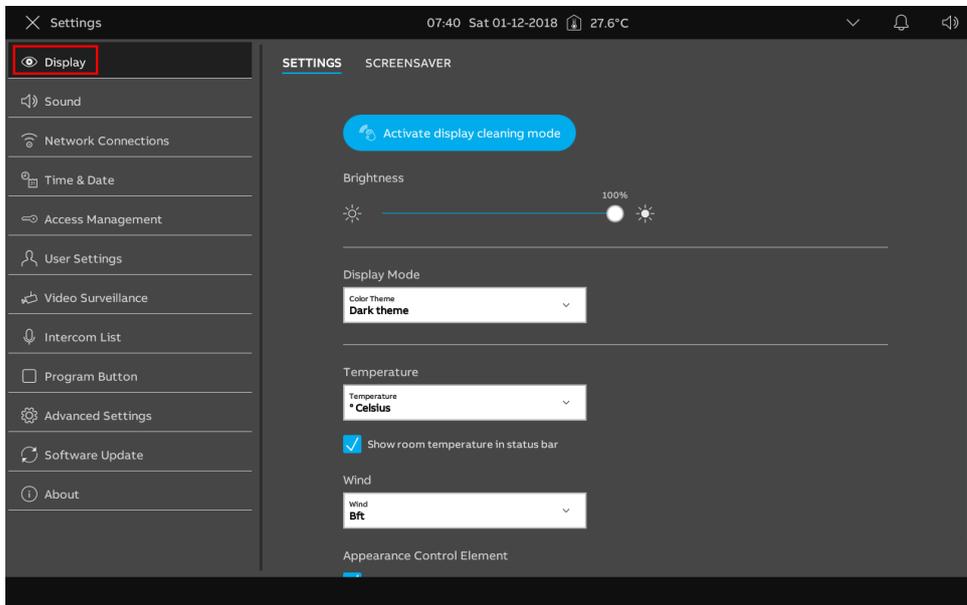
On the dashboard, tap "⚙️" to access the "Settings" screen.



8.3.2 Display settings

Accessing the "Display" screen

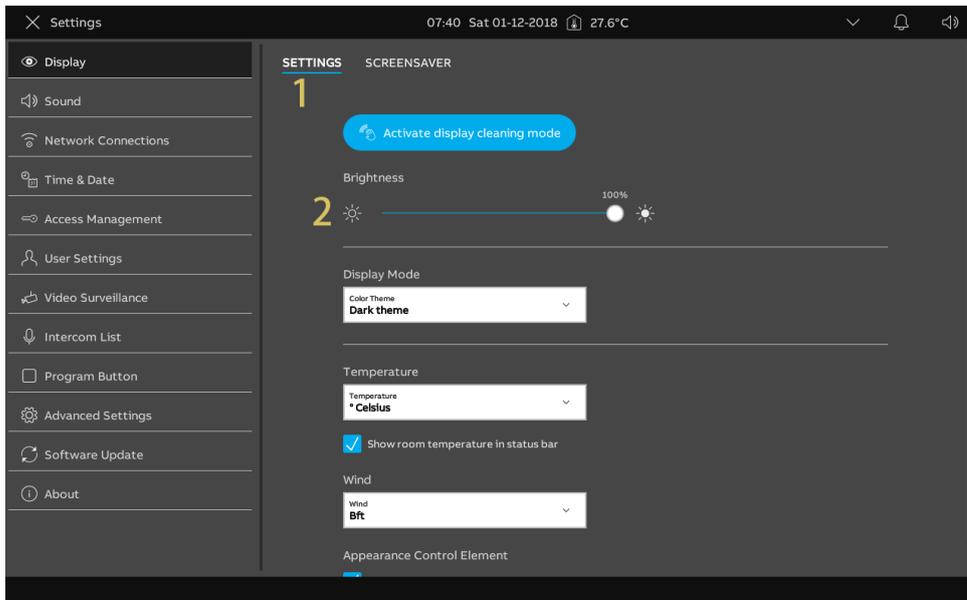
On the "Settings" screen, tap "Display" to access the corresponding screen.



Adjusting the brightness

Please follow the steps below:

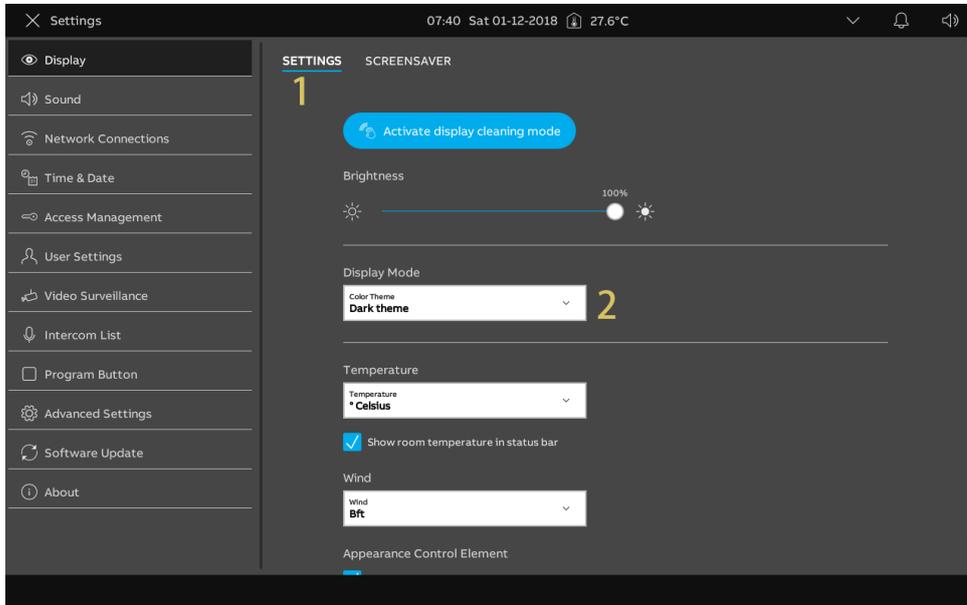
- [1] On the "Display" screen, tap "Settings".
- [2] Go to the "Brightness" section, drag the scroll bar to adjust the brightness.



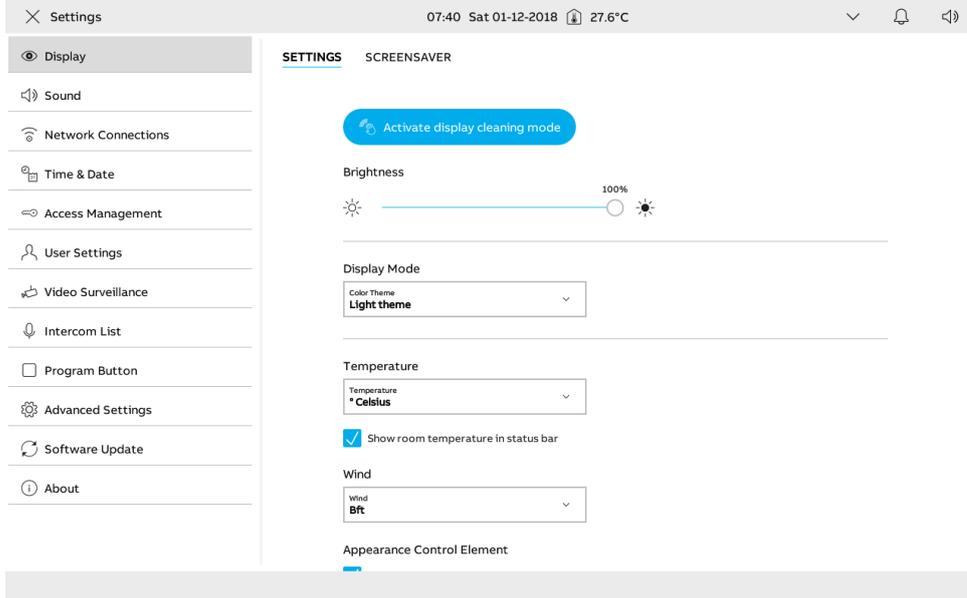
Configuring the "Display mode"

Please follow the steps below:

- [1] On the "Display" screen, tap "Settings".
- [2] In the "Display mode" section, select the display mode from the drop-down list. It can be set to "Dark theme" (default) or "Light theme".



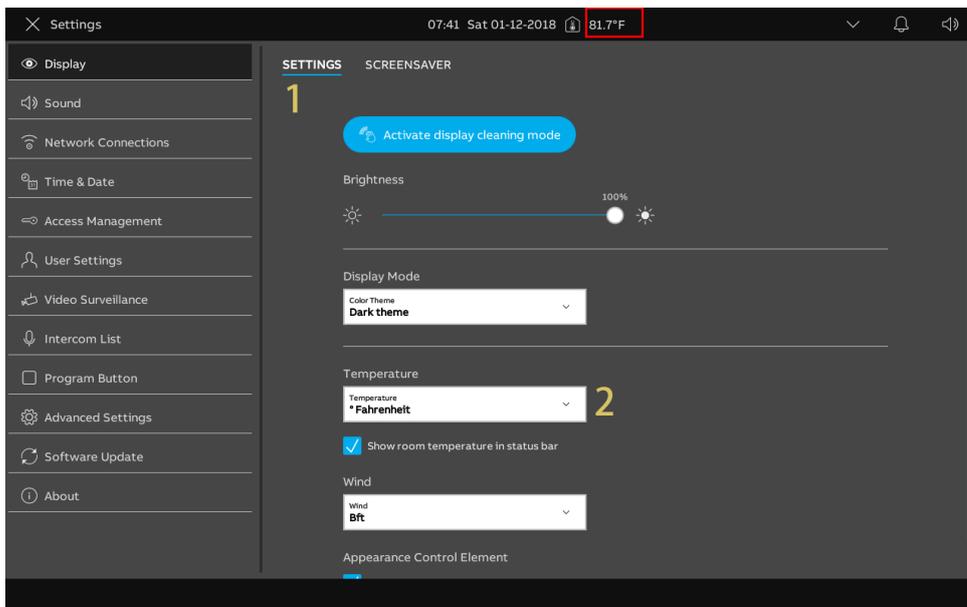
If the display mode is set to "Light theme", the UI will be displayed as follows:



Configuring the unit of temperature

Please follow the steps below:

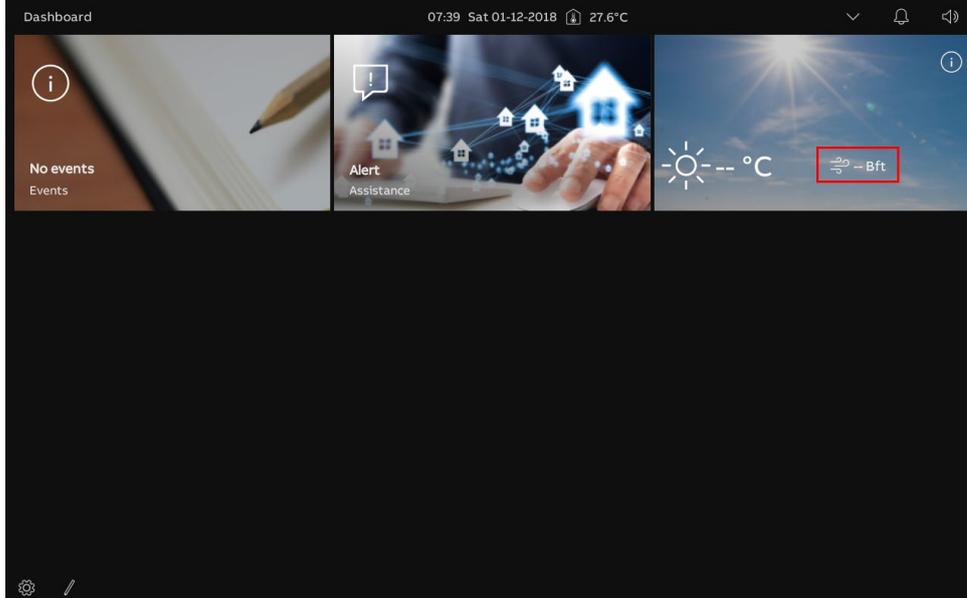
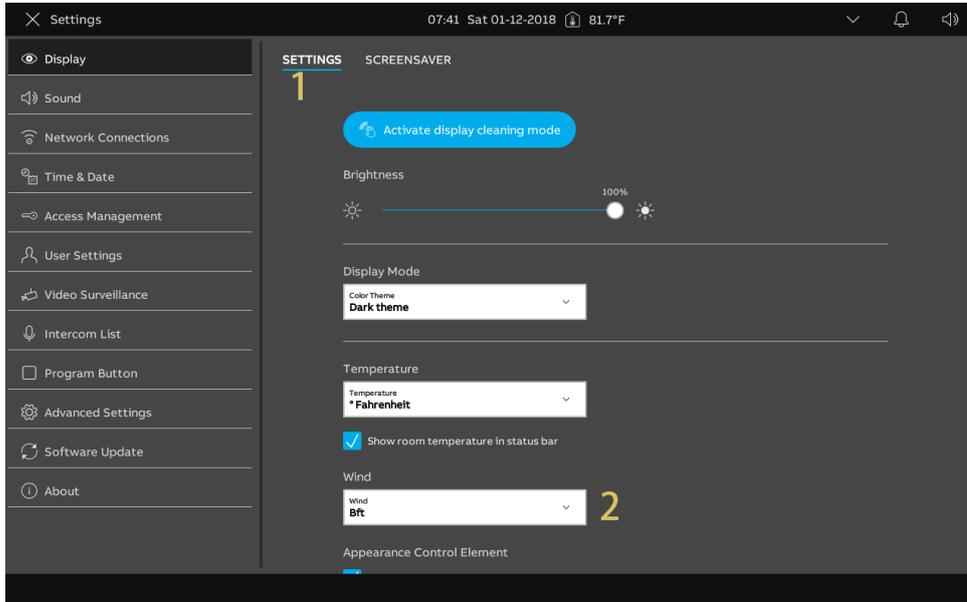
- [1] On the "Display" screen, tap "Settings".
 - [2] Go to the "Temperature" section, select the unit from the drop-down list. It can be set to "Celsius" (default) or "Fahrenheit".
- On the status bar, the value of room temperature will be displayed in the status bar if the "Show room temperature in status bar" function is enabled.



Configuring the unit of wind

Please follow the steps below:

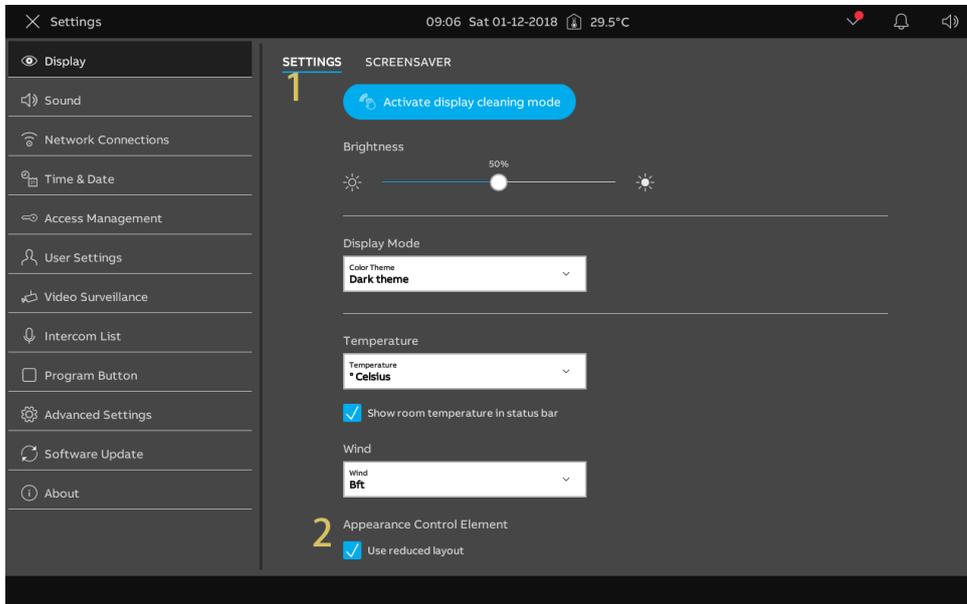
- [1] On the "Display" screen, tap "Settings".
 - [2] Go to the "Wind" section, select the unit from the drop-down list. It can be set to "Bft" (default), "m/s", "km/h", "mph" or "kn".
- On the Dashboard, the unit of wind will be displayed on the screen.



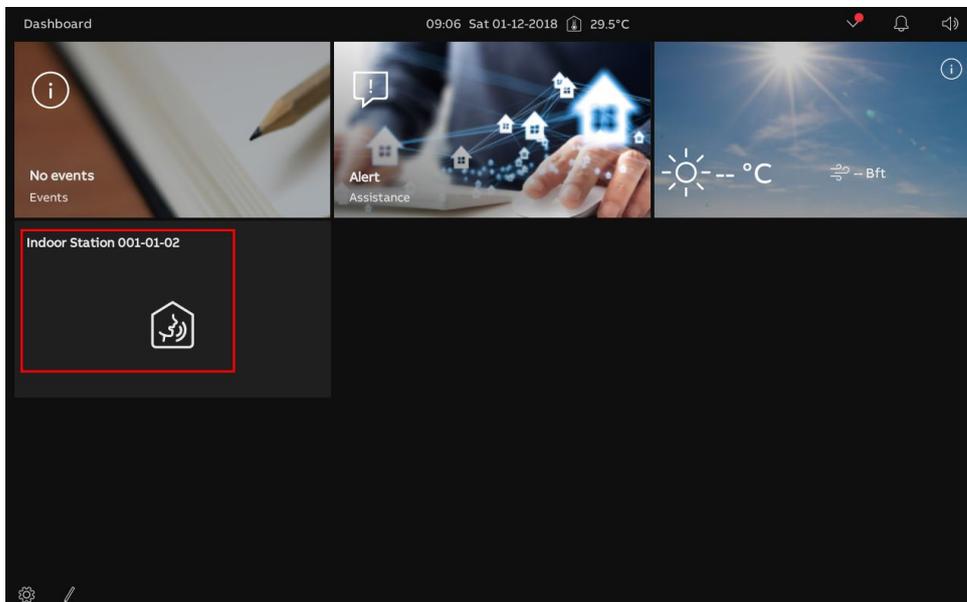
Adjusting the control element

Please follow the steps below:

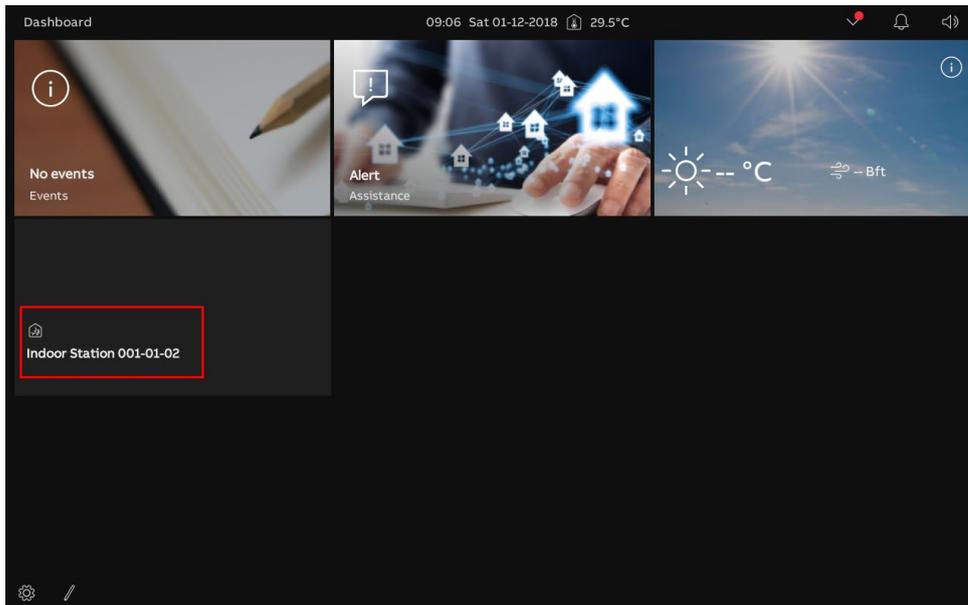
- [1] On the "Display" screen, tap "Settings".
- [2] Go to the "Appearance Control Element" section, tick/untick to enable/disable the function.



- If the function is enabled, the control will be displayed on the dashboard as follow:



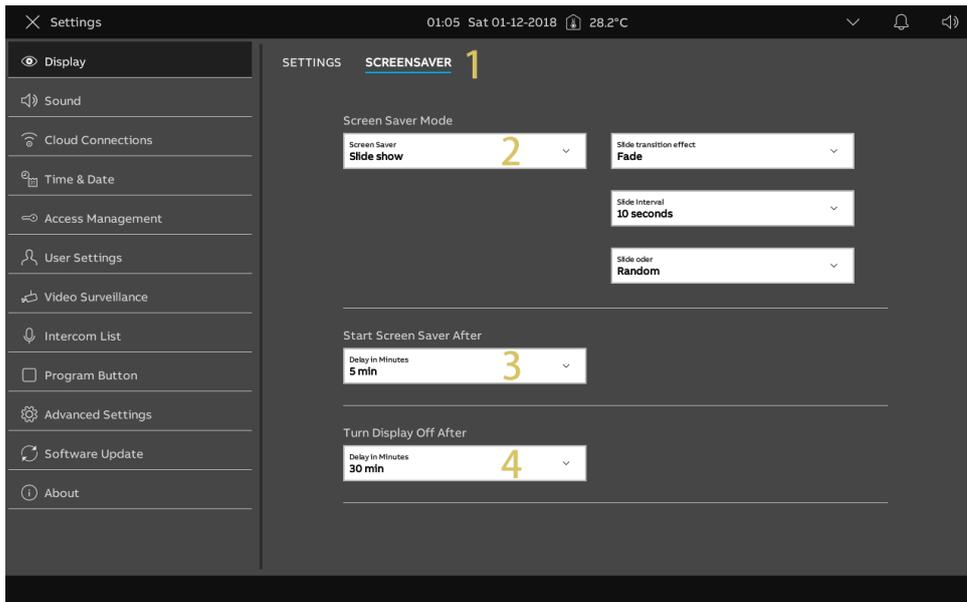
- If the function is disabled, the control will be displayed on the dashboard as follow:



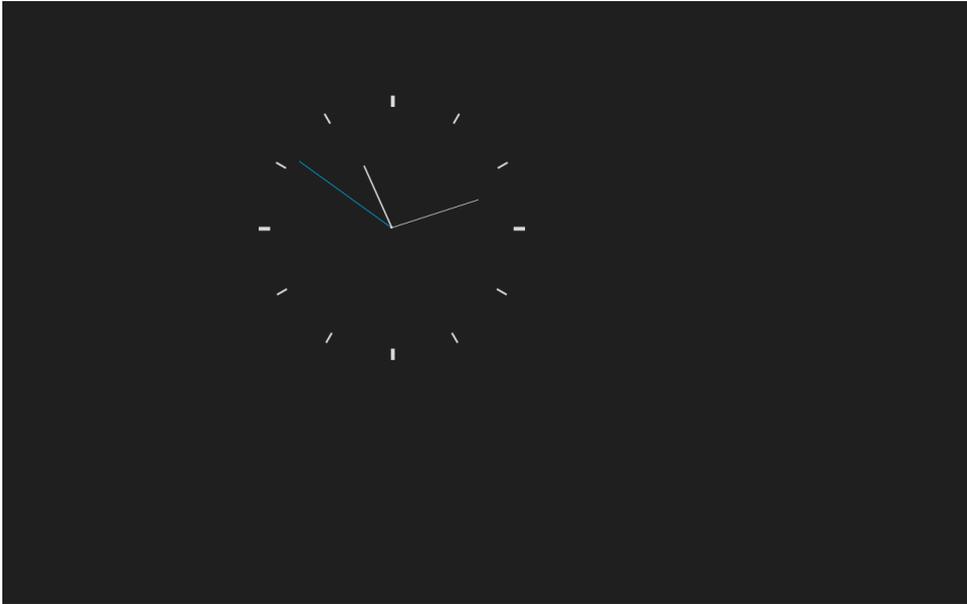
Configuring the screensaver

Please follow the steps below:

- [1] On the "Display" screen, tap "Screensaver".
- [2] Go to the "Screen saver mode" section, select the screen saver mode from the drop-down list. It can be set to "Clock" (default) "Slide show", "Images from card" or "Weather online".
- [3] Go to the "Start screen saver after" section, set the start time (default: 10 minutes). The screensaver will start if no operation is carried out within the set time.
- [4] Go to the "Turn display off after" section, set the screen off time (default: 2 minutes). The screen of the panel will be turned off if no operation is carried out within the set time.



- If "Clock" is selected, there will be a clock displaying the current time at a random location on the screen.



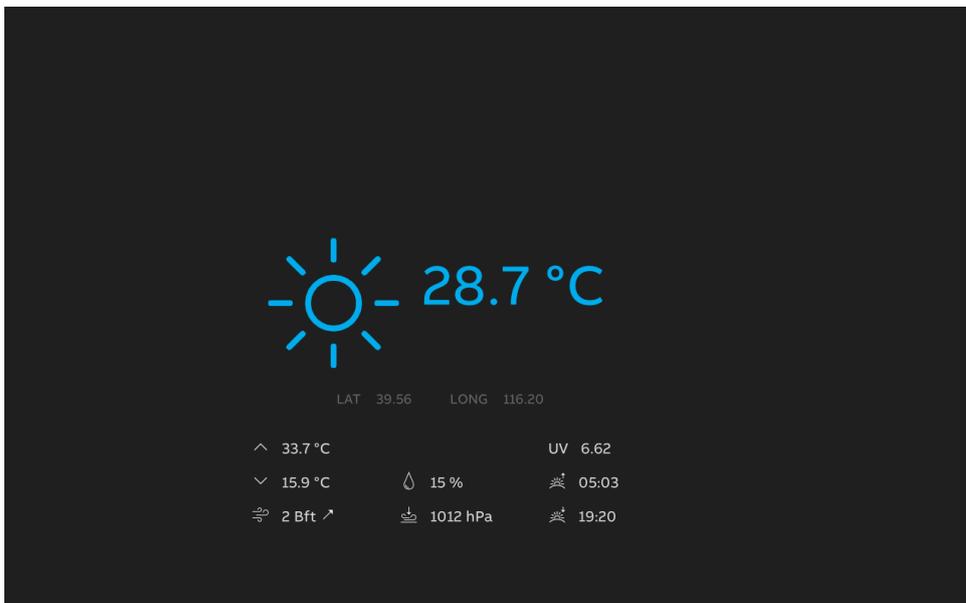
- If "Slide show" is selected, there will be 3 built-in images playing in a loop according to the "Slide interval" setting (default: 10 seconds).
 - "Slide translation effect" can be set to "Fade" or "Push from right".
 - "Slide interval" can be set to "5 seconds", "10 seconds", "15 seconds", "30 seconds", "60 seconds" or "120 seconds".
 - "Slide order" can be set to "Random" or "Order".



- If "Image from card" is selected, there will be the images on the SD card playing in a loop according to the "Slide interval" setting (default: 10 seconds).
 - "Slide translation effect" can be set to "Fade" or "Push from right".
 - "Slide interval" can be set to "5 seconds", "10 seconds", "15 seconds", "30 seconds", "60 seconds" or "120 seconds".
 - "Slide order" can be set to "Random" or "Order".



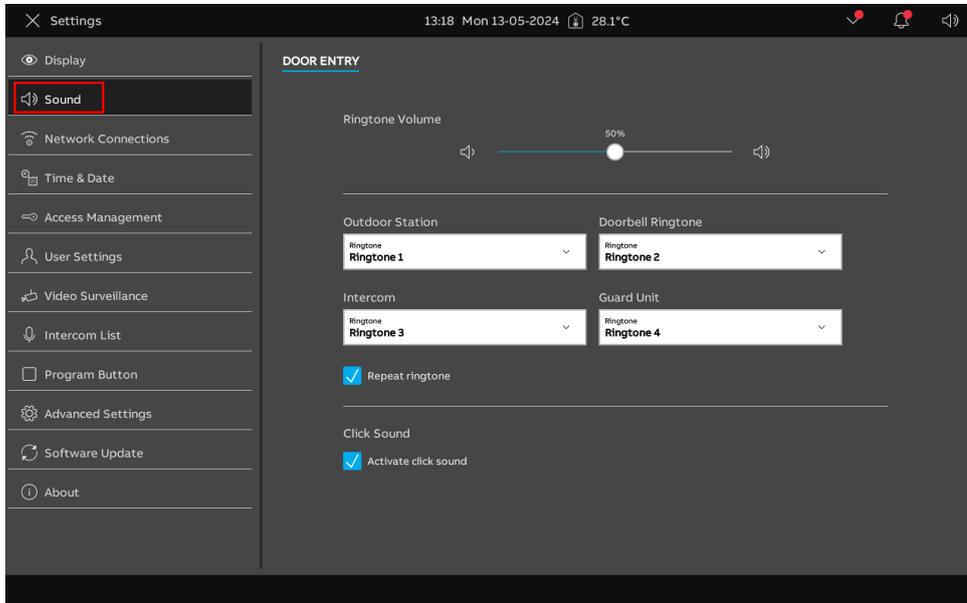
- If "Weather online" is selected, weather information will be displayed at a random location on the screen. This option is available only when the weather data can be displayed normally.



8.3.3 Sound settings

Accessing the "Sound" screen

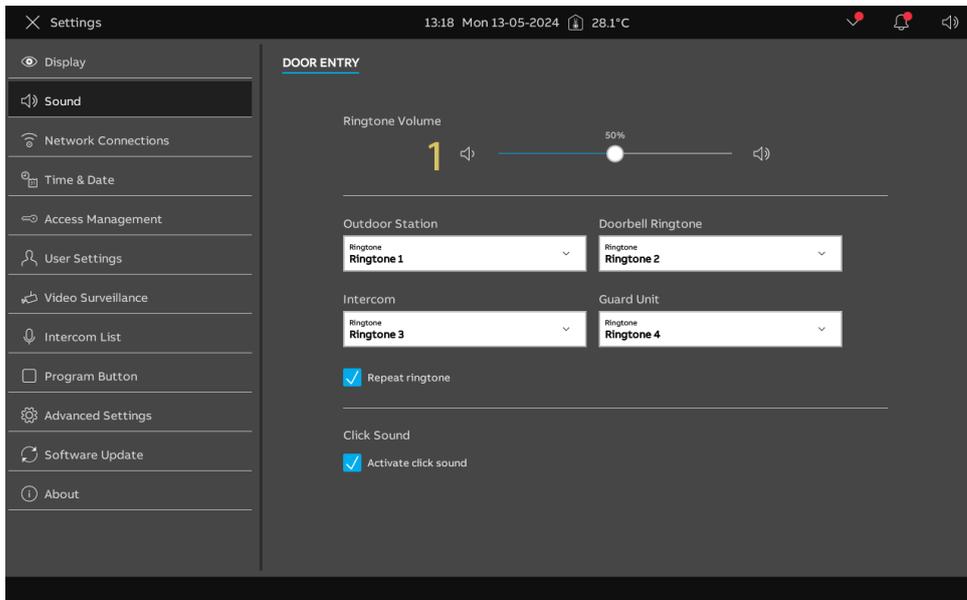
On the "Settings" screen, tap "Sound" to access the corresponding screen.



Adjusting the ringtone volume

Please follow the steps below:

- [1] On the "Sound" screen, go to the "Ringtone volume" section, drag the scroll bar to adjust the ringtone volume.

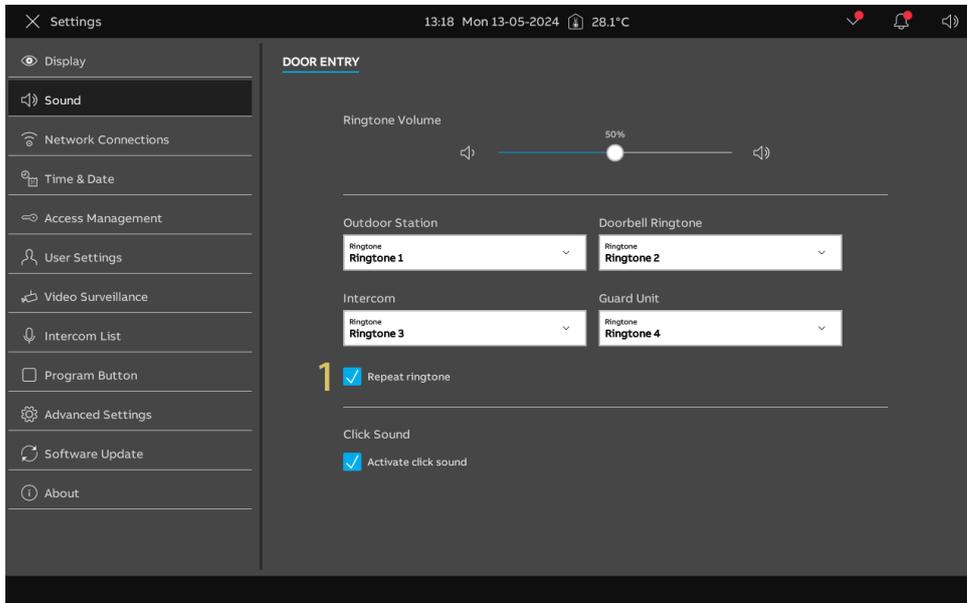


Configuring the repeat ringtone

Please follow the steps below:

[1] On the "Sound" screen, tick/untick the check box to enable/disable the function.

- Enable (default) = rings repeated ringtone within 30 seconds
- Disable = rings only once

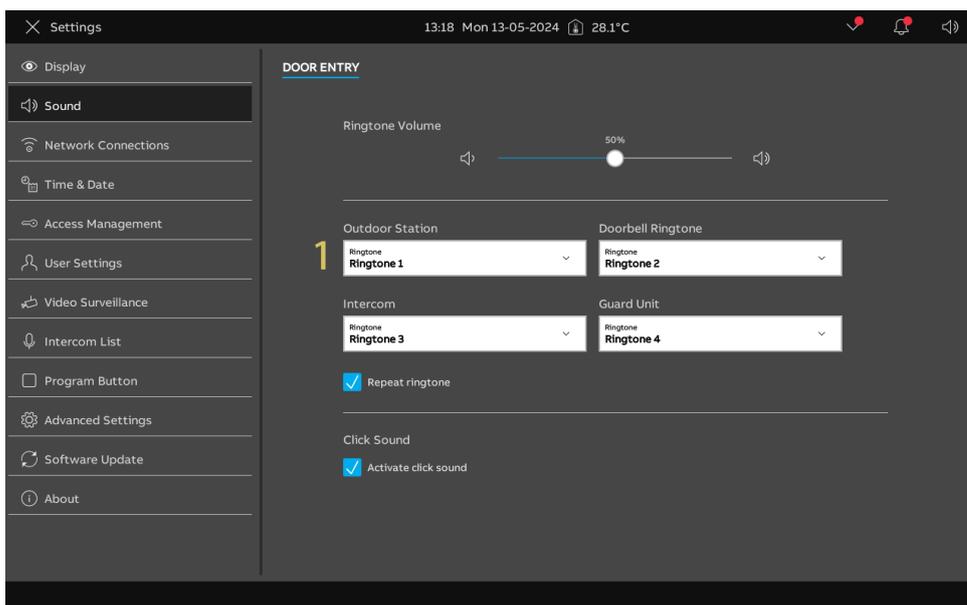


Identifying the incoming call devices through the ringtones

Please follow the steps below:

[1] On the "Sound" screen, select the ringtone (built-in 4 ringtones and the sounds from SD card if any) from the drop-down list. The panel will ring the designated ringtone during an incoming call to indicate the device type.

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

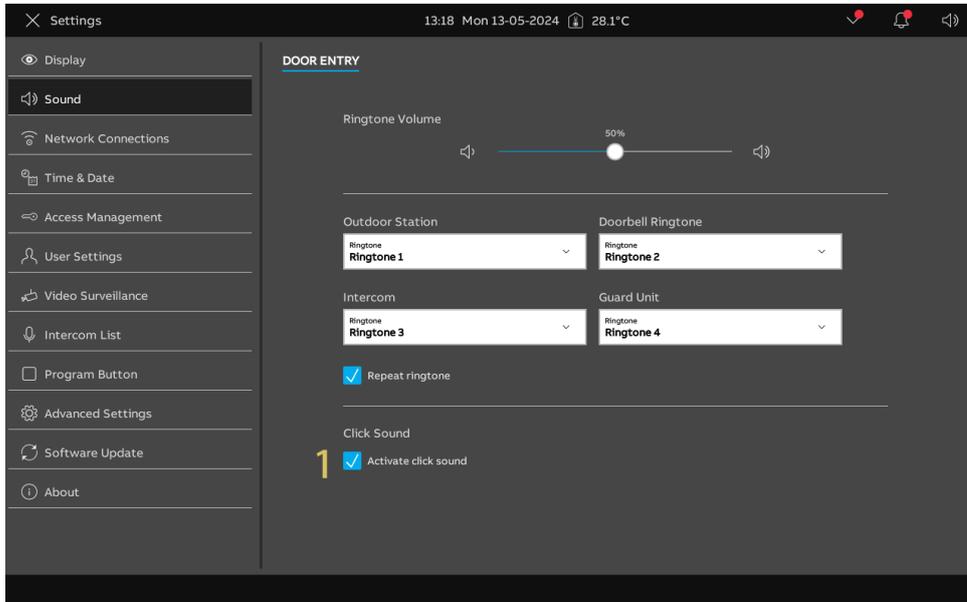


Configuring the "Click sound"

Please follow the steps below:

[1] On the "Sound" screen, go to the "Click sound" section, tick/untick the check box to enable/disable the function.

- Enable (default) = plays a sound when the screen is touched.
- Disable = mutes the sound when the screen is touched.



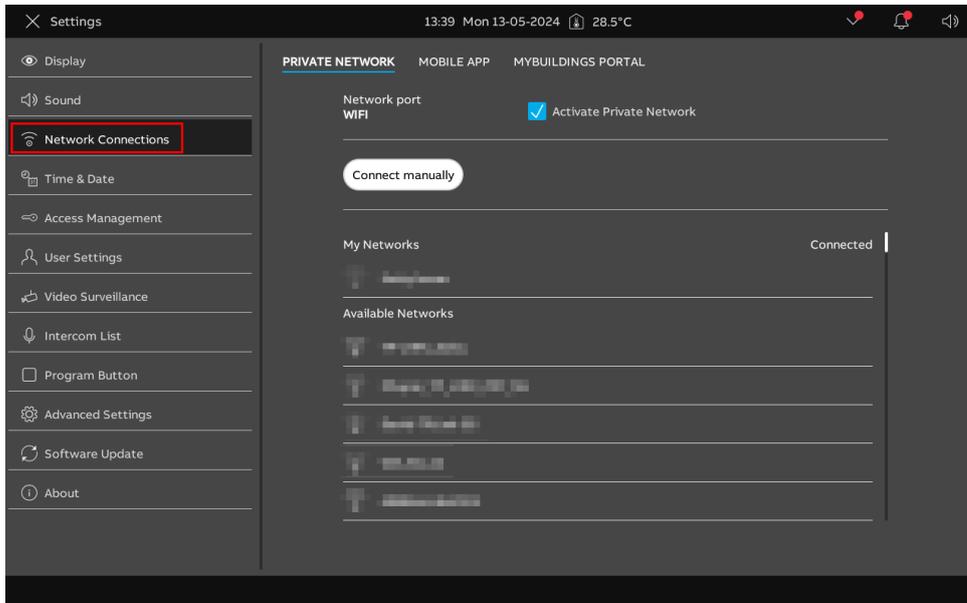
8.3.4 Network settings

This chapter applies to "Private network" only.

Accessing the "Network settings" screen

Please follow the steps below:

On the "Settings" screen, tap "Network Connections" to access the corresponding screen.

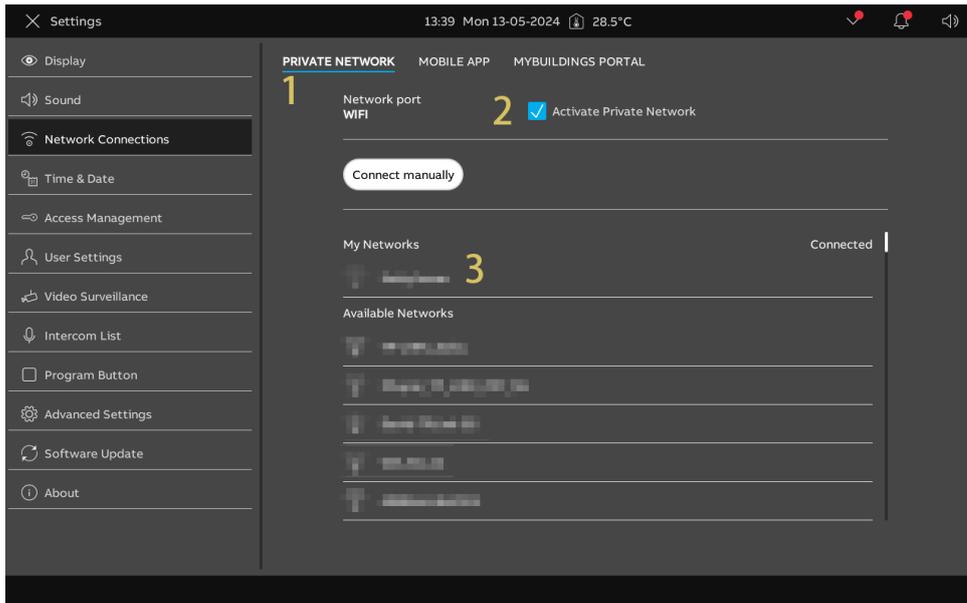


WiFi settings

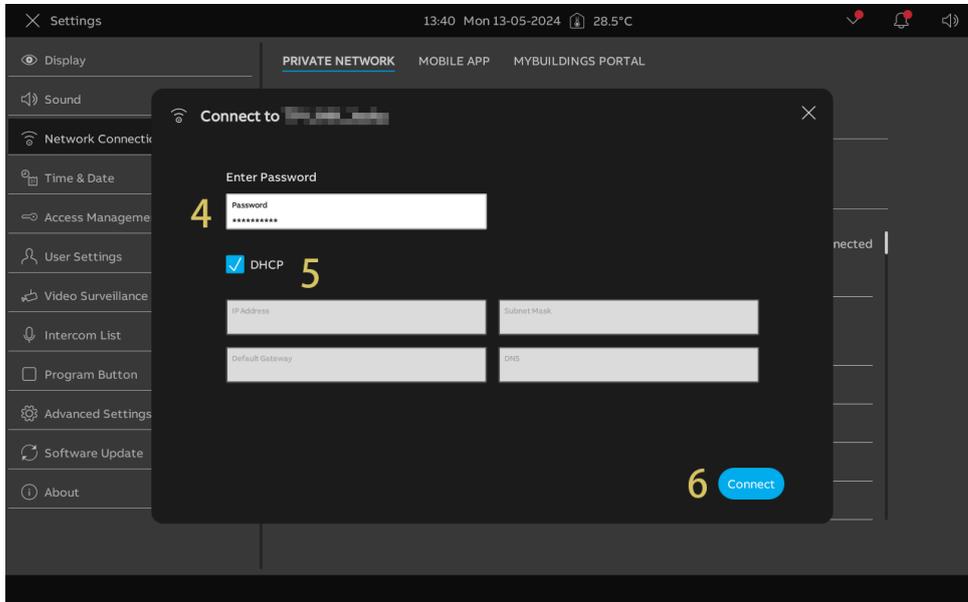
If "Private network" is set to "WiFi" during "Setup Wizard" or during "Advanced settings", you can configure WiFi settings here.

Please follow the steps below:

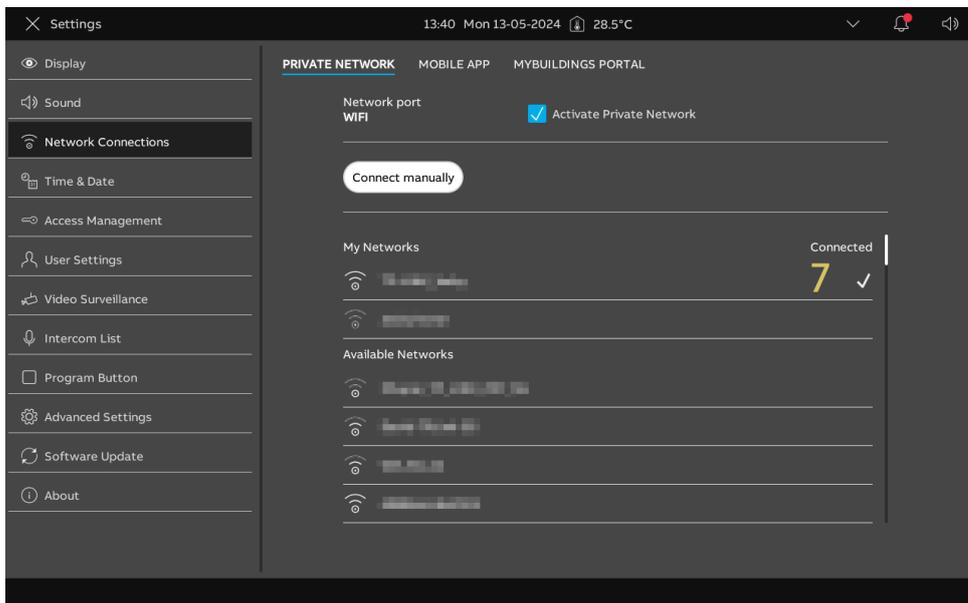
- [1] On the "Network connections" screen, tap "Private Network".
- [2] Tick the check box to enable WiFi function.
- [3] Select the designated WiFi from the available list or tap "Connect manually" to enter the WiFi name manually (in case the WiFi name is not found on the list).



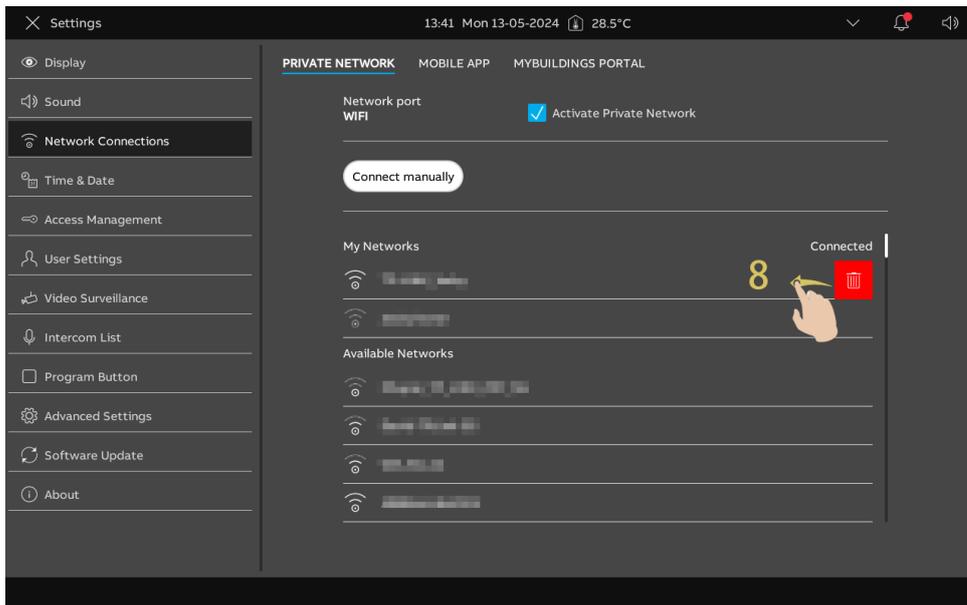
- [4] Enter the WiFi password.
- [5] "DHCP" is enabled by default. You can untick the check box and enter the IP address manually.
- [6] Tap "Connect".



- [7] "✓" will be displayed if successful.



[8] If you want to remove the WiFi name, swipe to the left then tap "  ".



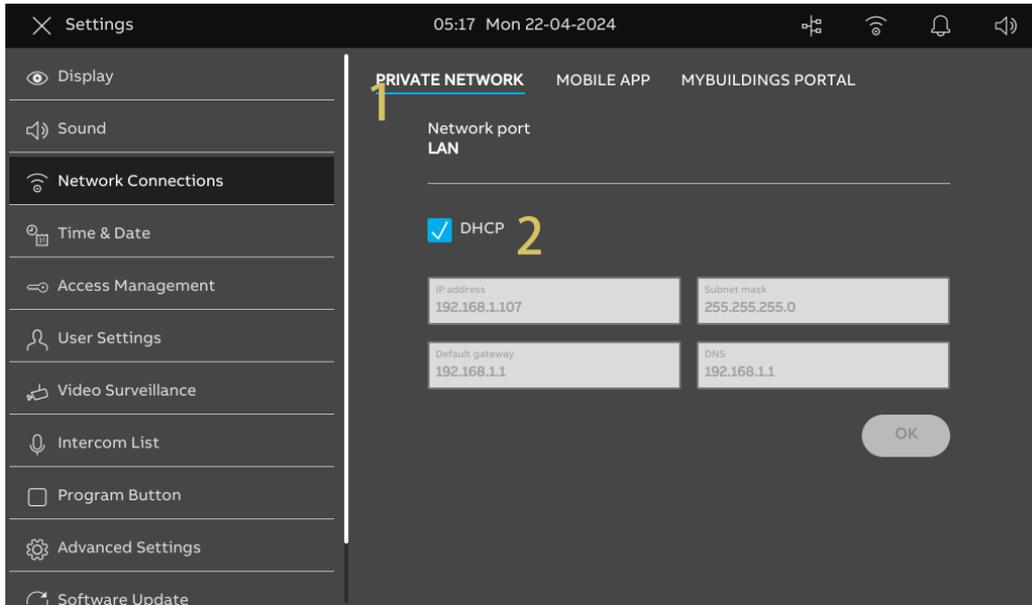
LAN settings

If "Private network" is set to "LAN" during "Setup Wizard" or during "Advanced settings", you can configure LAN settings here.

Please follow the steps below:

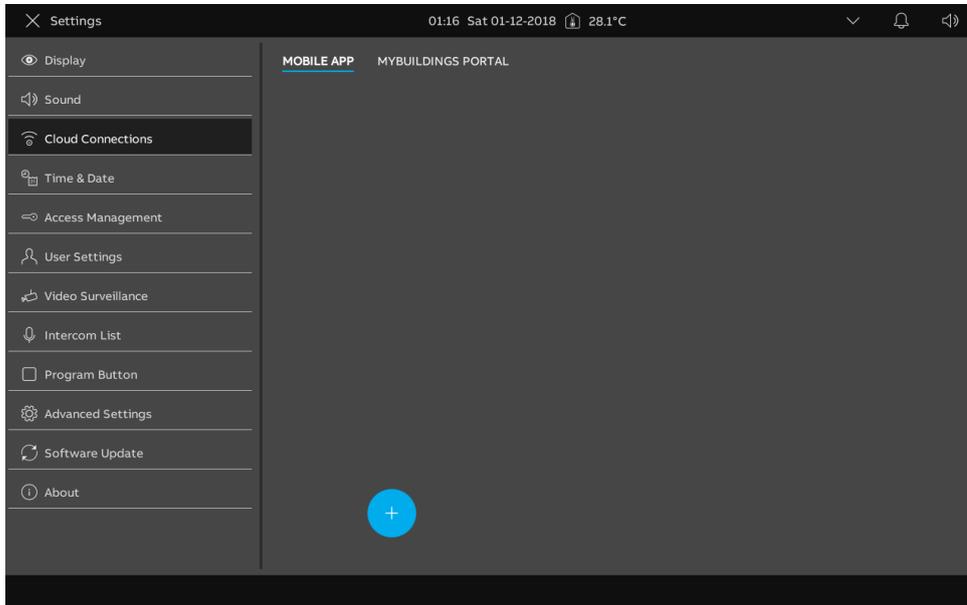
[1] On the "Network connections" screen, tap "Private Network".

[2] "DHCP" is the default value. You can disable it and enter the static address manually.



Cloud connections

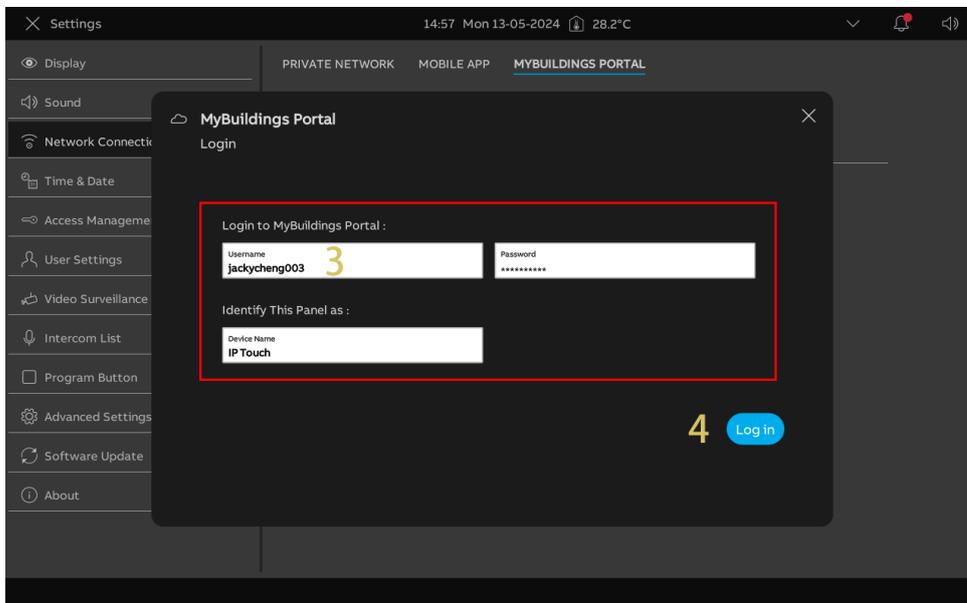
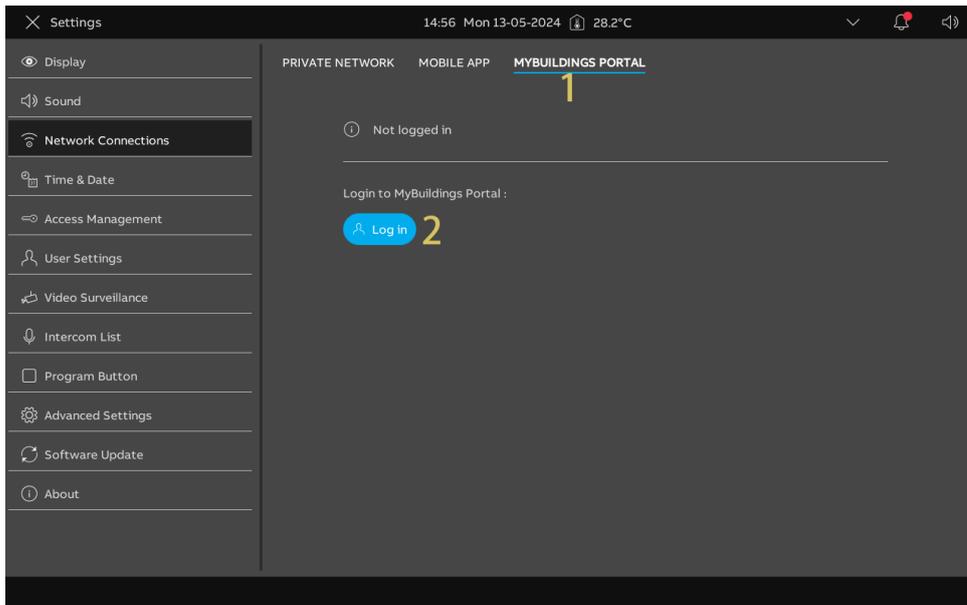
If "Private network" is disabled, then there is no private network menu here and the "Network Connections" menu will be changed to "Cloud connections".



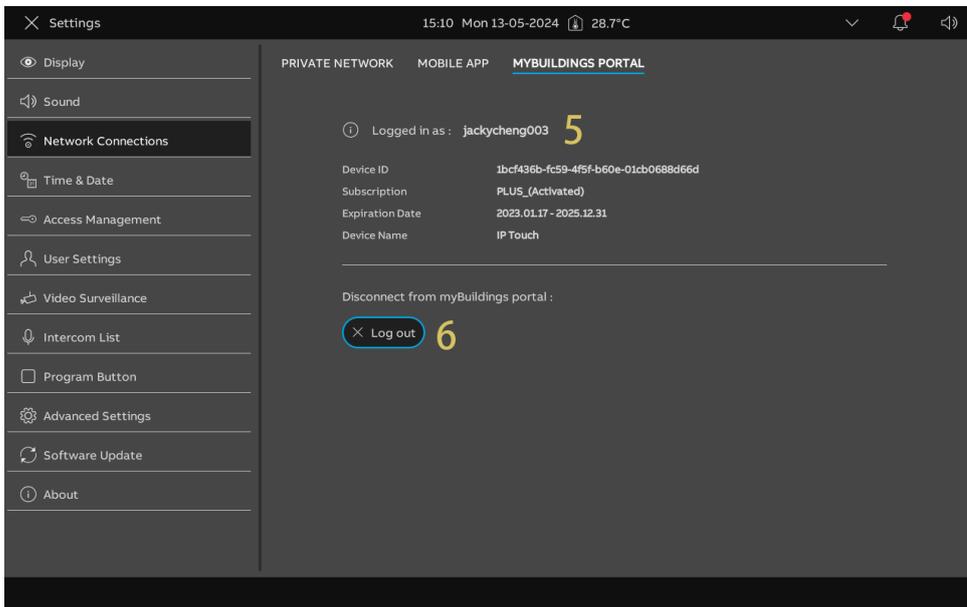
8.3.5 MyBuildings settings

Please follow the steps below:

- [1] On the "Network connections" screen, tap "MyBuildings portal".
- [2] Tap "Log in".
- [3] Enter the account, the password and the alias name.
- [4] Tap "Log in".



- [5] The account name will be displayed if successful.
- [6] Tap "Log out" to disconnect from the myBuildings portal.

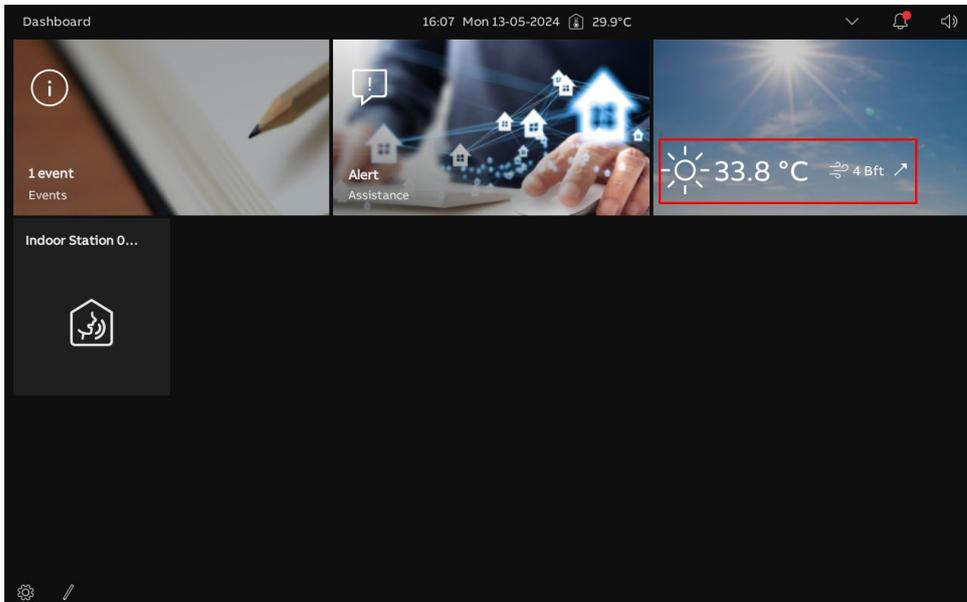


The weather data will be displayed on the dashboard after the panel is logged into the myBuildings portal.



Note

The latitude and the longitude also need to be set to obtain the correct weather data. For more details, see chapter 8.3.7 "Time and date settings" on page 89.



8.3.6 Paring the panel with APP

Preconditions

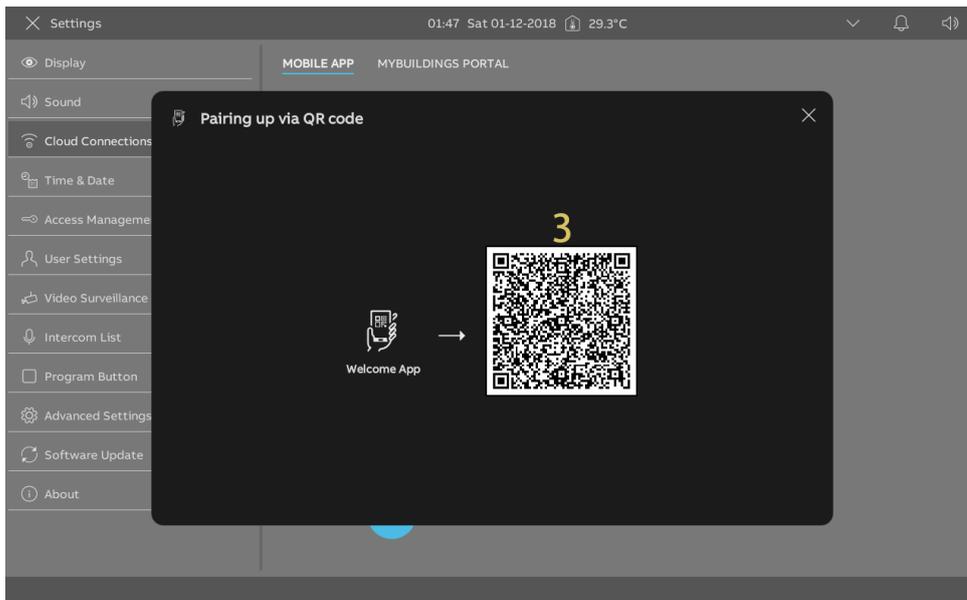
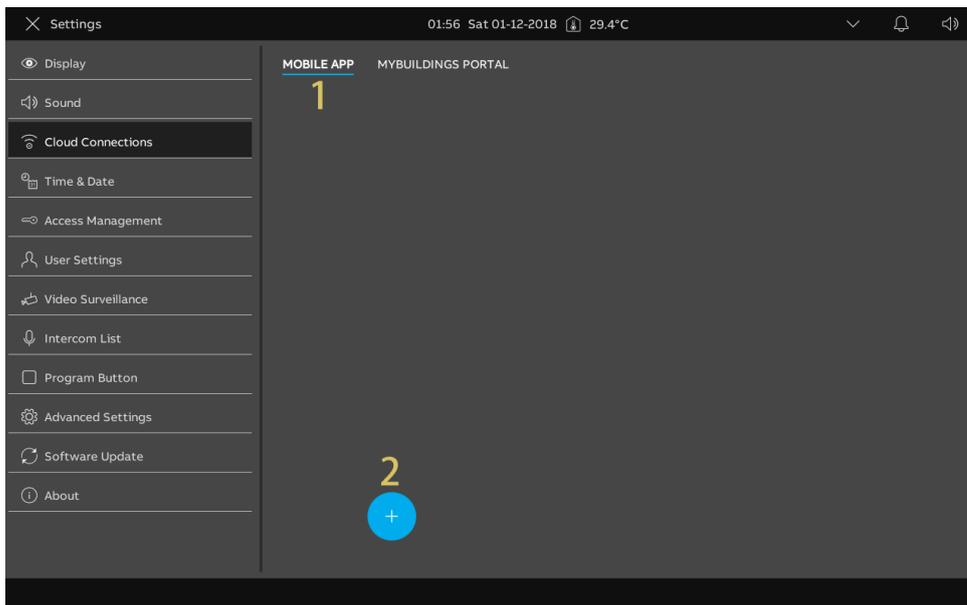
- You have logged in to the APP with the designated myBuildings account.
- The APP and the panel are on the same network.

Please follow the steps below:

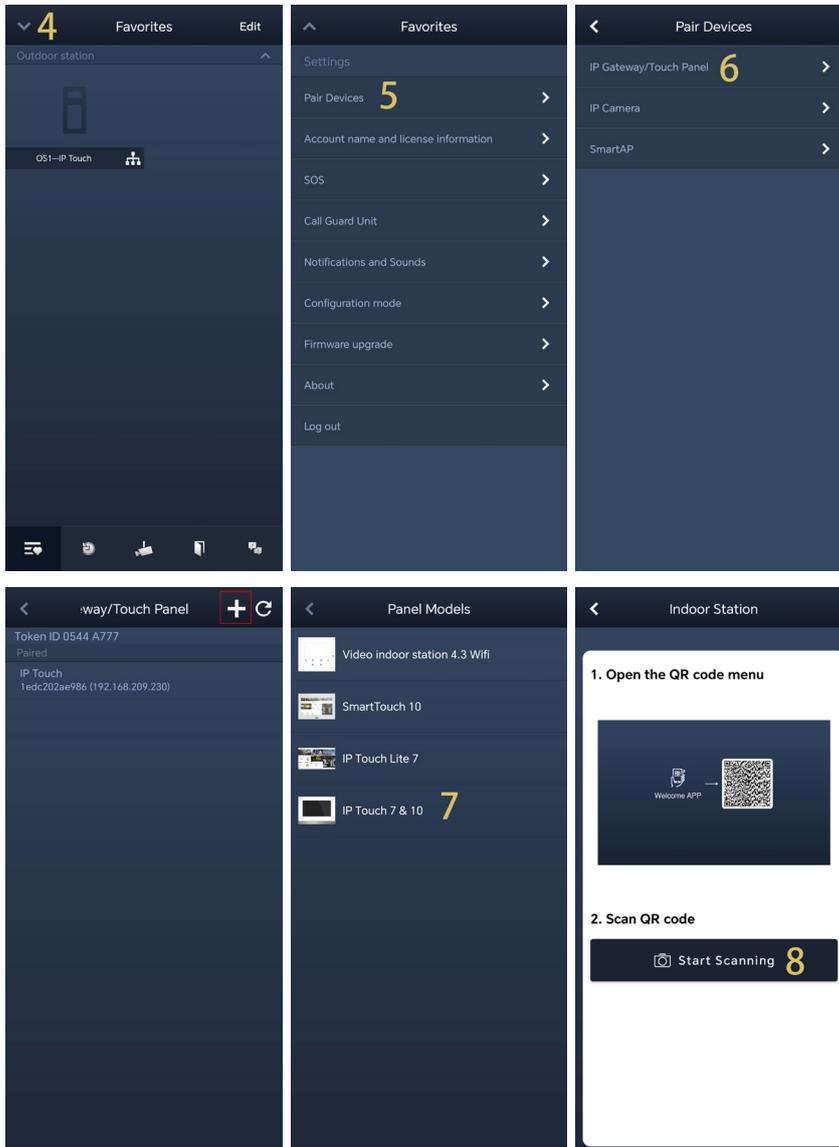
[1] On the "Network connections" or "Cloud connections" screen, tap "Mobile APP".

[2] Tap "+".

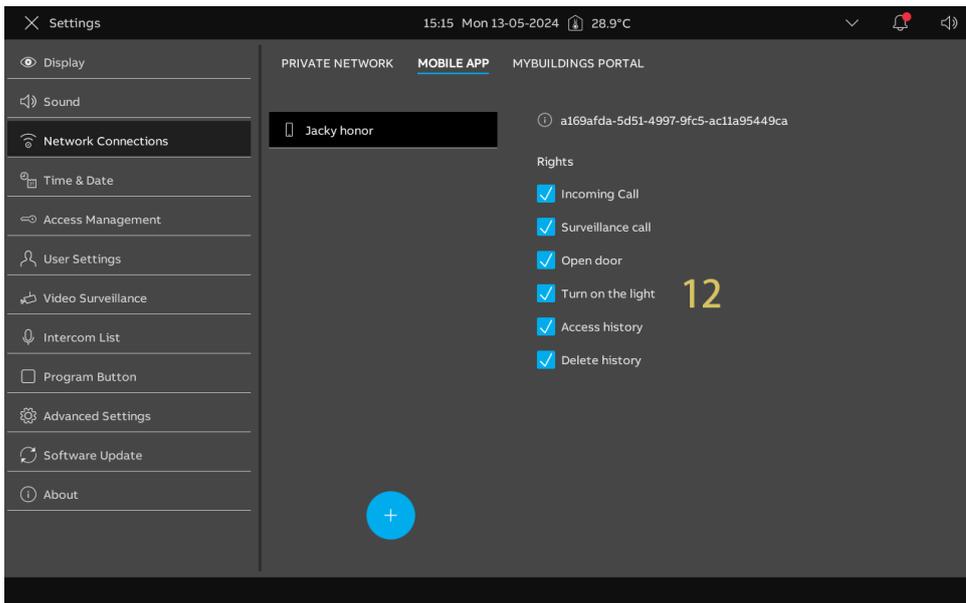
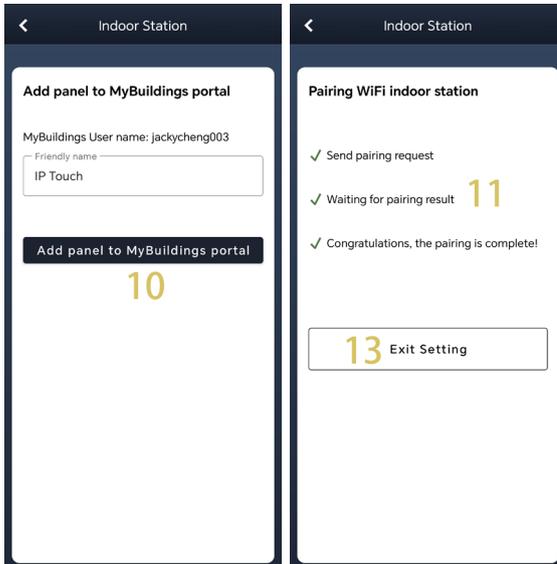
[3] A pop-up window will appear; leave this window open and do not tap "x".



- [4] On the APP home screen, tap "⌵".
- [5] Tap "Pair Devices".
- [6] Tap "IP Gateway/Touch Panel". Tap "+".
- [7] Tap "IP Touch 7 & 10".
- [8] Tap "Start Scanning".

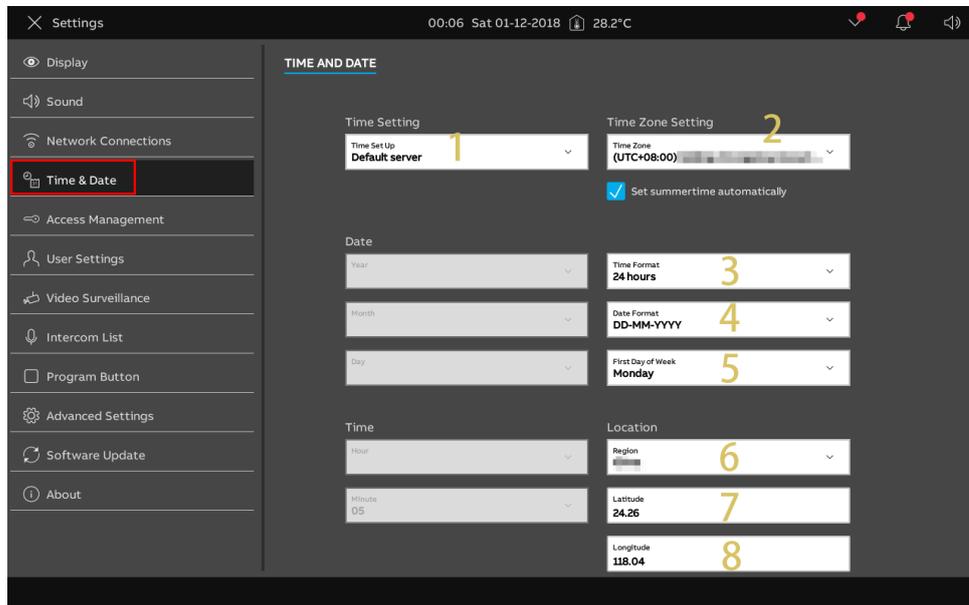


- [9] Tap "OK" to give the APP permission to use the camera.
- [10] Tap "Add panel to MyBuildings portal" to sync the APP's MyBuildings account to the panel.
- [11] At the same time as adding the myBuildings portal, the APP will pair the panel.
- [12] On the panel screen, tick the designated check boxes to grant the rights for the APP.
- [13] On APP screen, tap "Exit Setting".



8.3.7 Time and date settings

On the "Settings" screen, tap "Time & Date" to access the corresponding screen.



No.	Description
1	<p>Time server setting</p> <p>Select the time server from the drop-down list.</p> <ul style="list-style-type: none"> – Default server = obtain the time data from the preset NTP servers. – Smart Access Point = obtain the time data from Smart Access Point. – Customize = obtain the time data from the specified NPT server. – Manual = enter the date and time manually.
2	Select the time zone from the drop-down list.
3	Select the time format from the drop-down list. It can be set to "12 hours" or "24 hours".
4	Select the date format from the drop-down list.
5	Set the first day for the week. It can be set to "Saturday", "Sunday" or "Monday".
6	Select the region from the drop-down list.
7	<p>Latitude</p> <p>Enter the latitude value according to your location. This setting will affect the weather data.</p>
8	<p>Longitude</p> <p>Enter the longitude value according to your location. This setting will affect the weather data.</p>



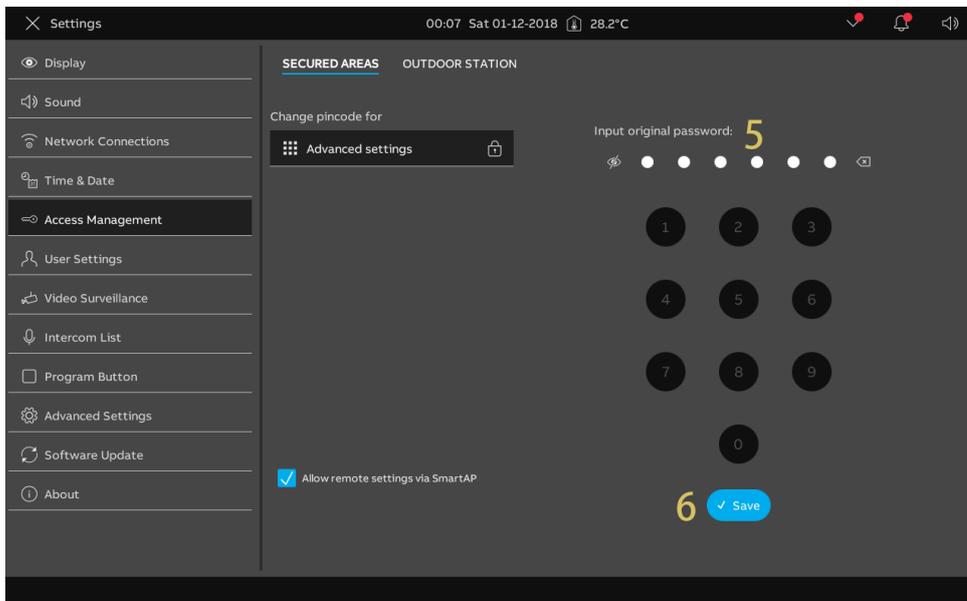
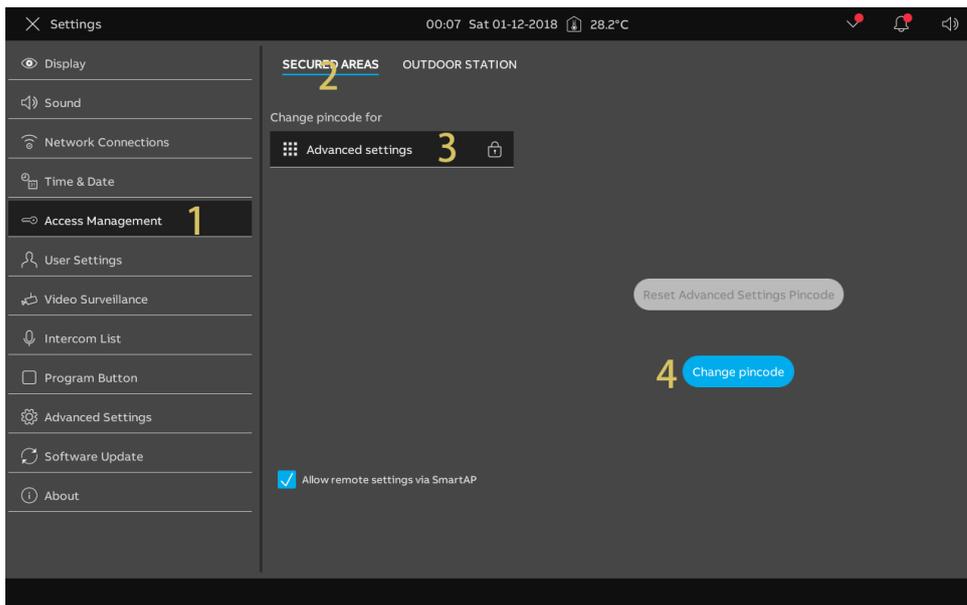
Note

Please ensure the longitude and the latitude are consistent with your current city to obtain accurate weather data.

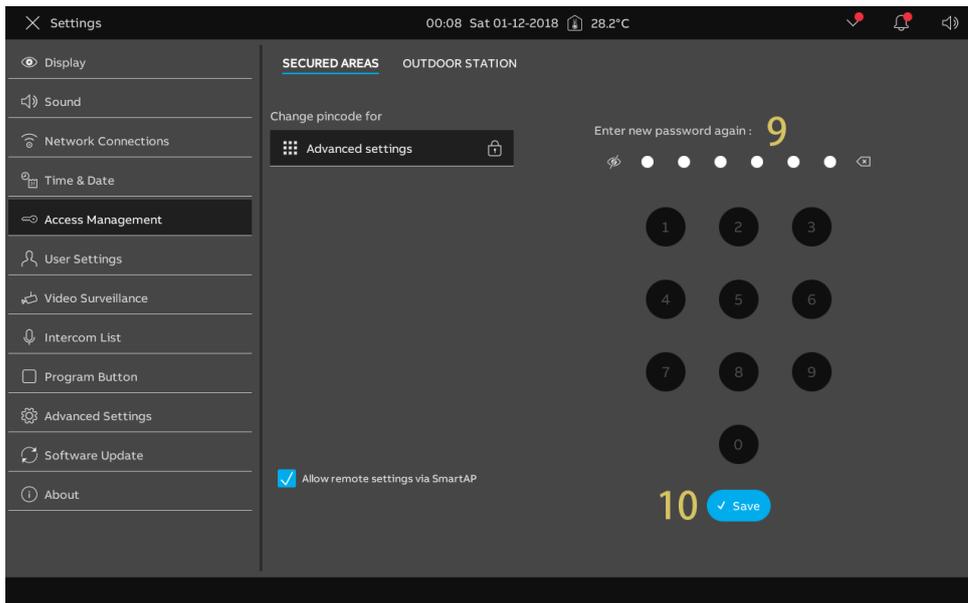
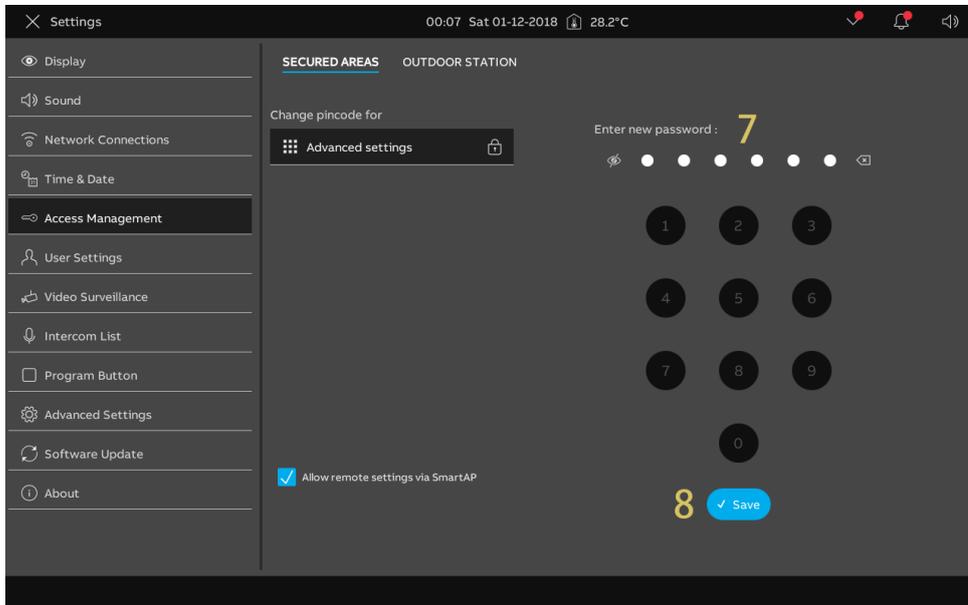
8.3.8 Changing advanced setting password

Please follow the steps below:

- [1] On the "Settings" screen, tap "Access Management".
- [2] Tap "Secured Areas".
- [3] Tap "Advanced settings".
- [4] Tap "Change pincode".
- [5] Enter the existing password (original password is "345678").
- [6] Tap "Save".



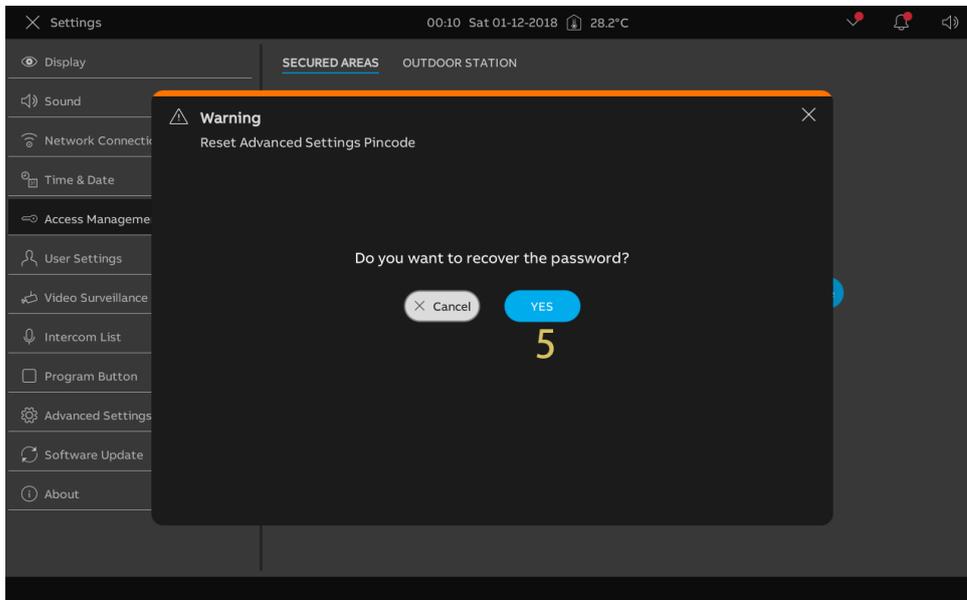
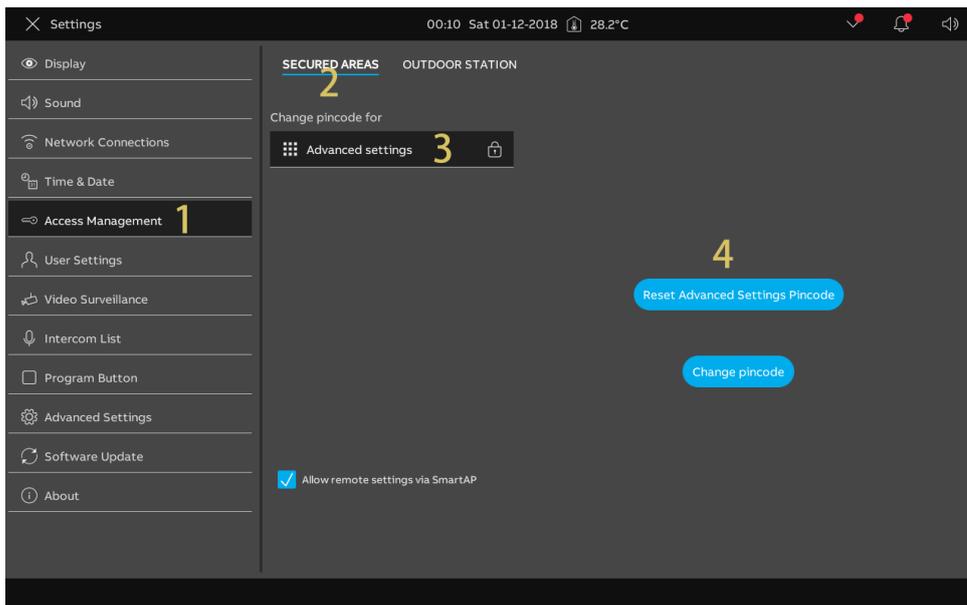
- [7] Enter the new password.
- [8] Tap "Save".
- [9] Enter the new password again.
- [10] Tap "Save".



8.3.9 Resetting advanced setting password

Please follow the steps below:

- [1] Within 3 minutes when the panel is powered on, on the "Settings" screen, tap "Access Management".
- [2] Tap "Secured Areas".
- [3] Tap "Advanced settings".
- [4] Tap "Reset Advanced Settings Pincode".
- [5] Tap "Yes".



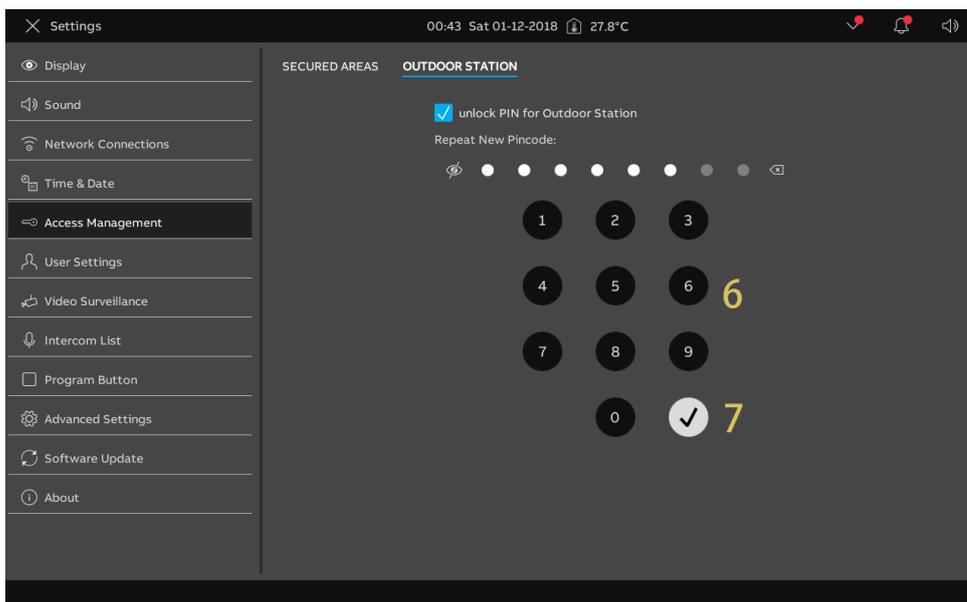
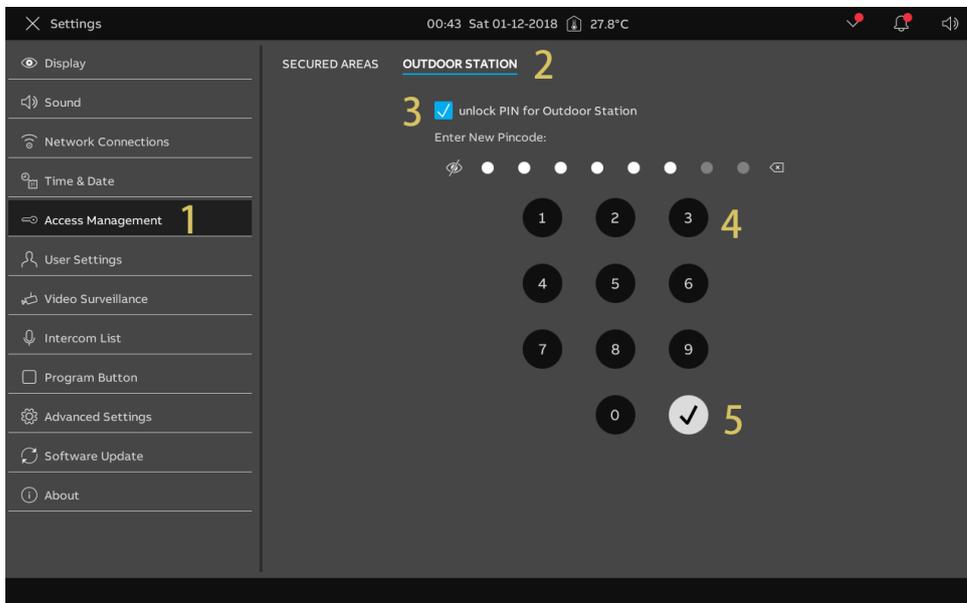
8.3.10 Configuring unlock password

1. Enabling the unlock password

This unlock password will be used as a private password to release the lock on the designated Outdoor Station.

Please follow the steps below:

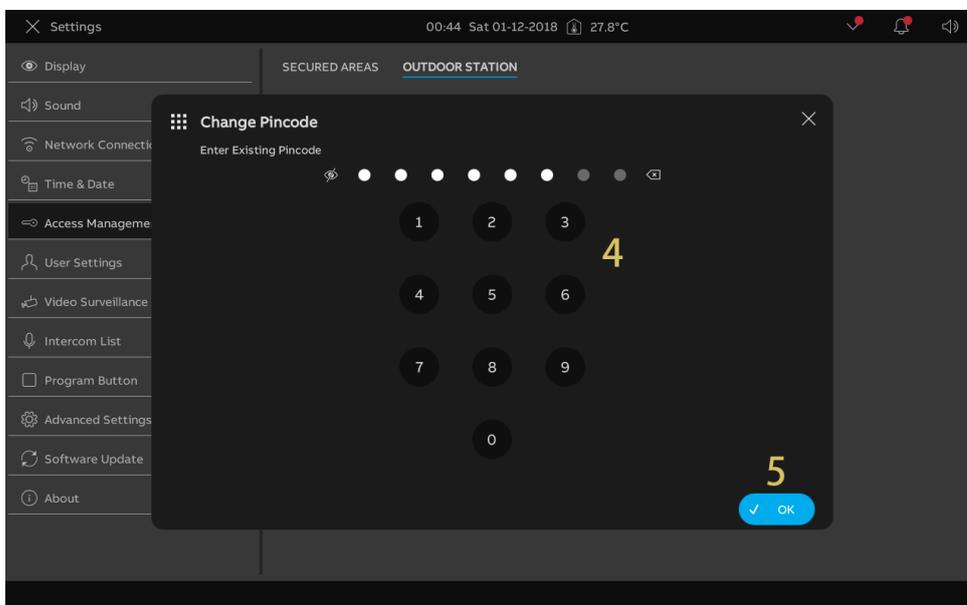
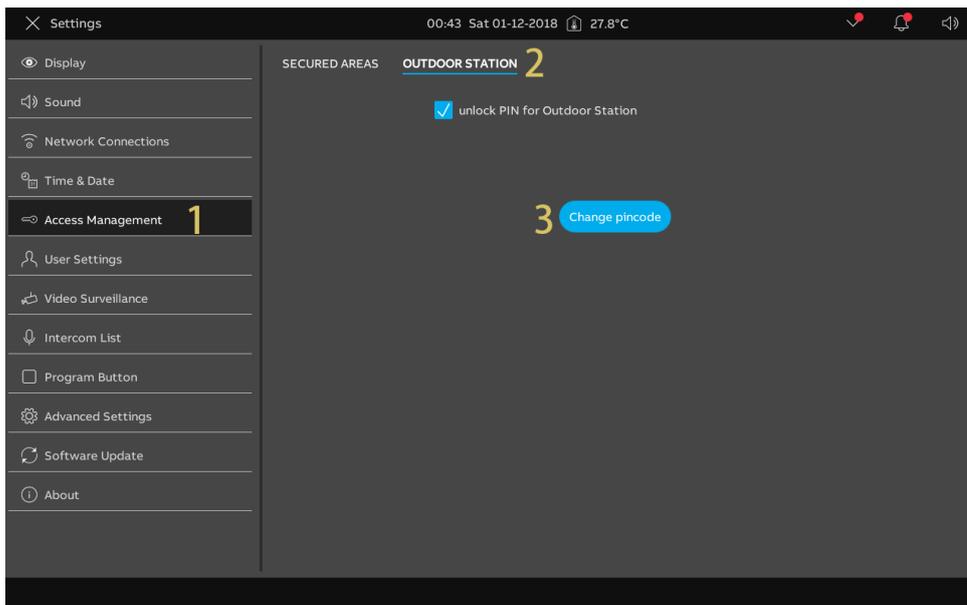
- [1] On the "Settings" screen, tap "Access Management".
- [2] Tap "Outdoor Station".
- [3] Tick the check box to enable the function (disabled by default).
- [4] Enter the unlock password (3...8 digits).
- [5] Tap "✓".
- [6] Re-enter the unlock password (3...8 digits).
- [7] Tap "✓".



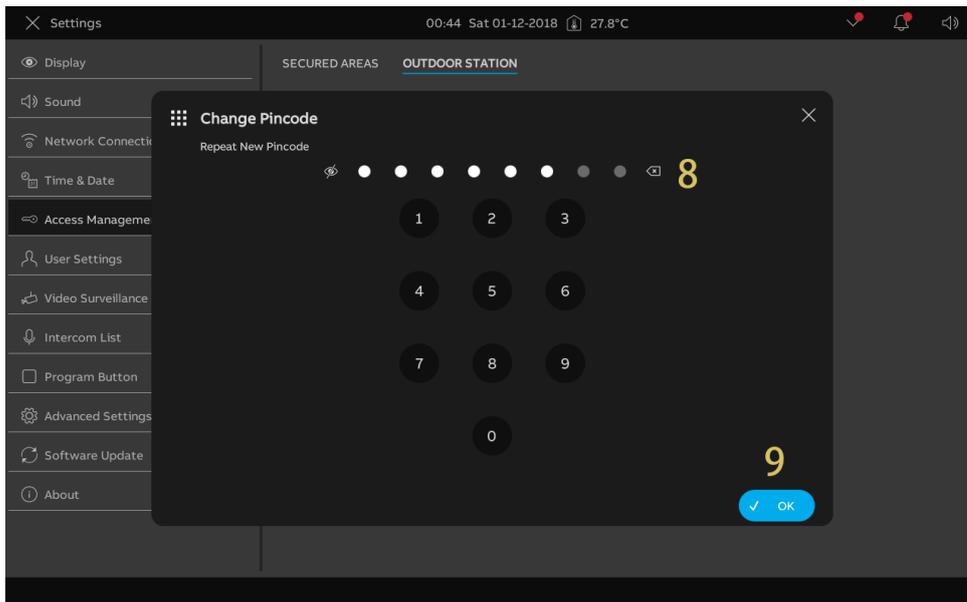
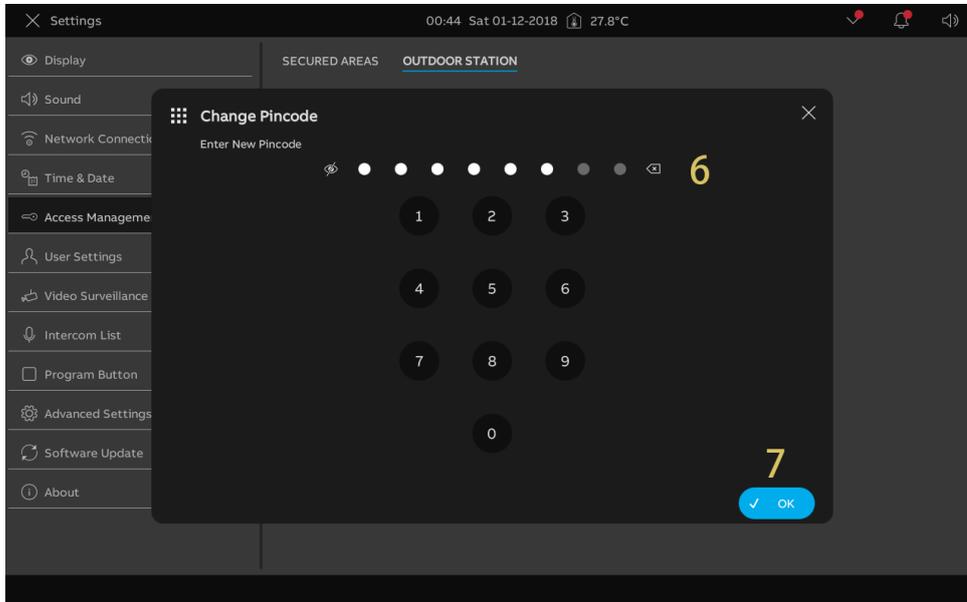
2. Changing the unlock password

Please follow the steps below:

- [1] On the "Settings" screen, tap "Access Management".
- [2] Tap "Outdoor Station".
- [3] Tap "Change pincode".
- [4] Enter the existing unlock password.
- [5] Tap "OK".



- [6] Enter the new unlock password.
- [7] Tap "OK".
- [8] Repeat the unlock password.
- [9] Tap "OK".



3. Resetting the unlock password

The unlock password will be cleared when the "Resetting user settings" function is carried out.

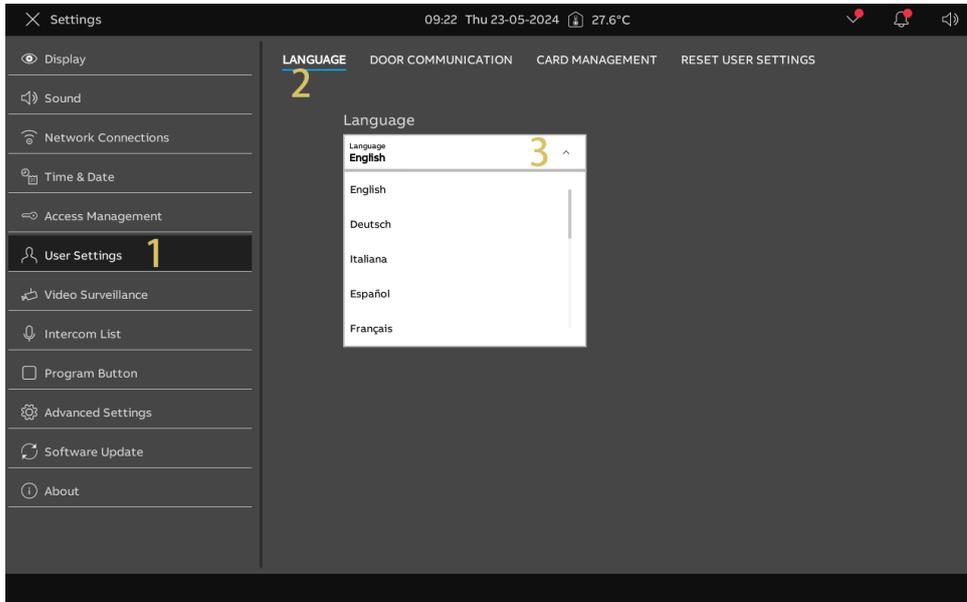
8.3.11 Language setting

Please follow the steps below:

[1] On the "Settings" screen, tap "User Settings".

[2] Tap "Language".

[3] Select the language from the drop-down list.

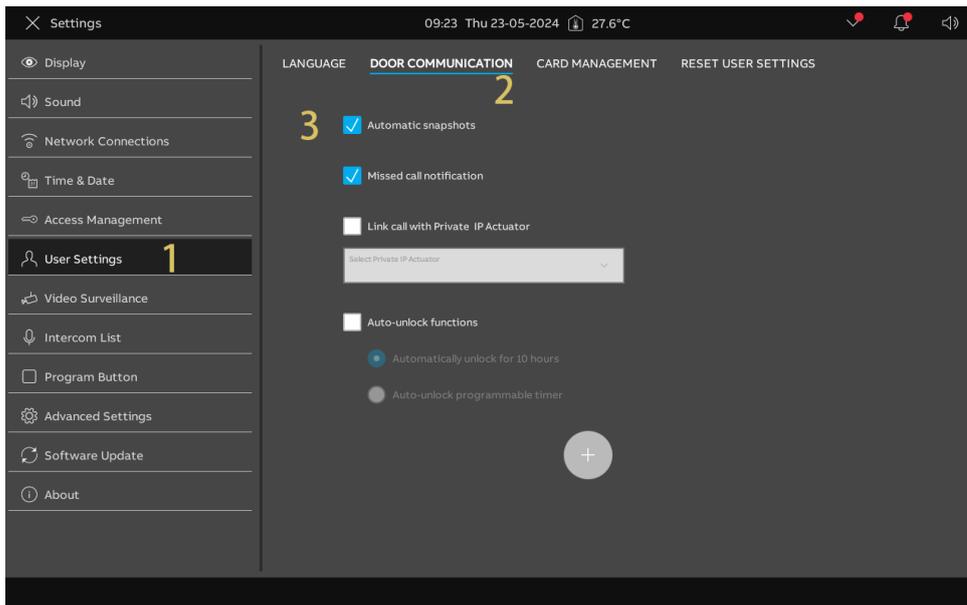


8.3.12 Automatic snapshot setting

Please follow the steps below:

- [1] On the "Settings" screen, tap "User settings".
- [2] Tap "Door Communication".
- [3] Tick the check box to enable the function.

The panel will take 3 snapshots automatically in the 3rd, 5th, 7th second during an incoming call when this function is enabled.

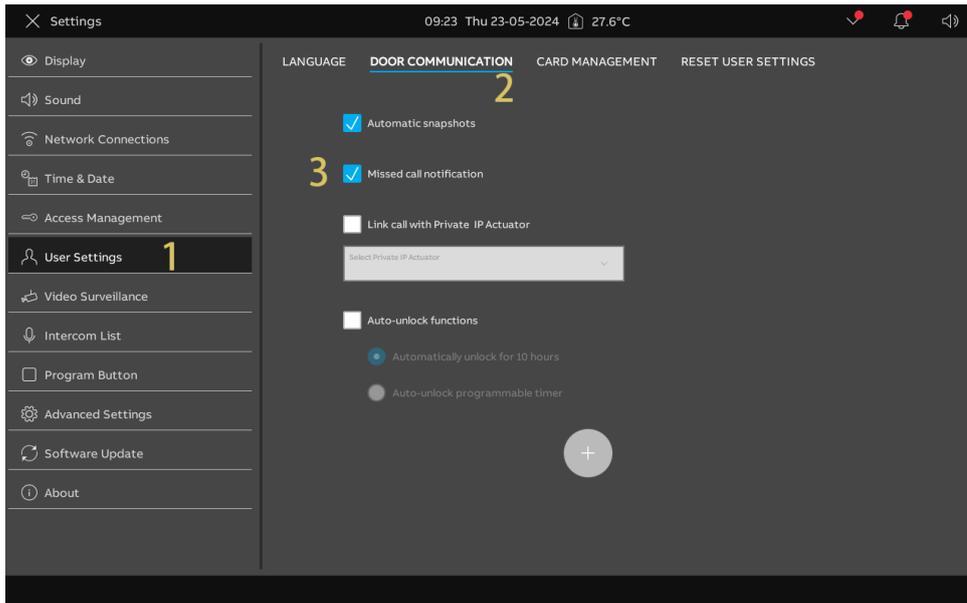


8.3.13 Missed call setting

Please follow the steps below:

- [1] On the "Settings" screen, tap "User settings".
- [2] Tap "Door Communication".
- [3] Tick the check box to enable the function.

When the function is enabled,  will be displayed on the status bar to indicate the missed calls.



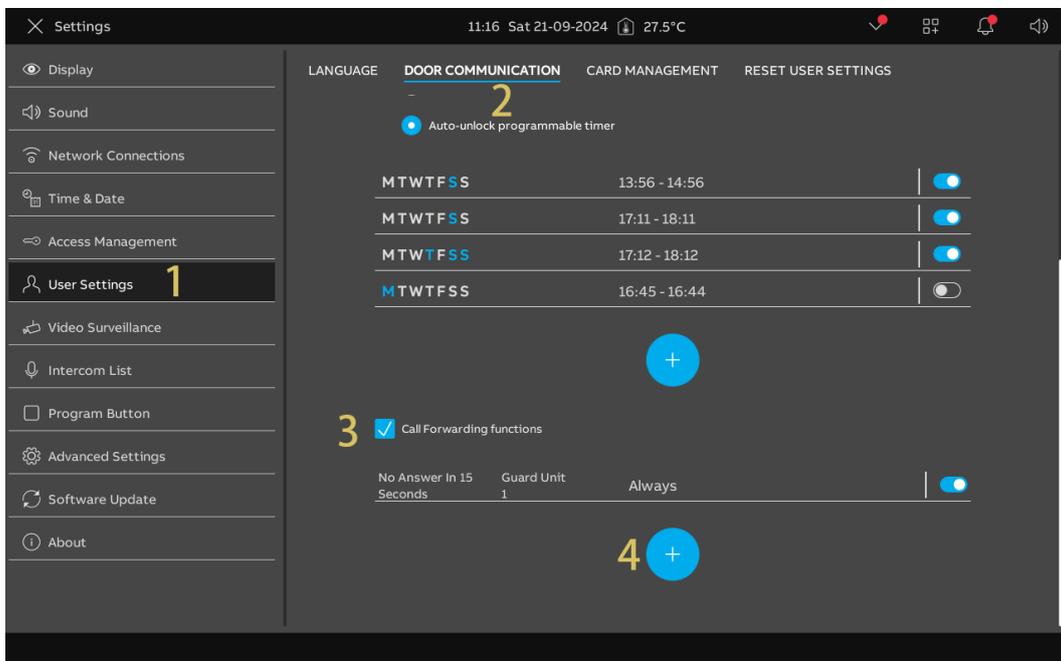
8.3.14 Call forwarding settings

The Forwarding call feature allows the call destined to one Indoor Station to be redirected to a determined alternative Indoor Station, directly, in specific time slots, or in case of missing answer within a selected time.

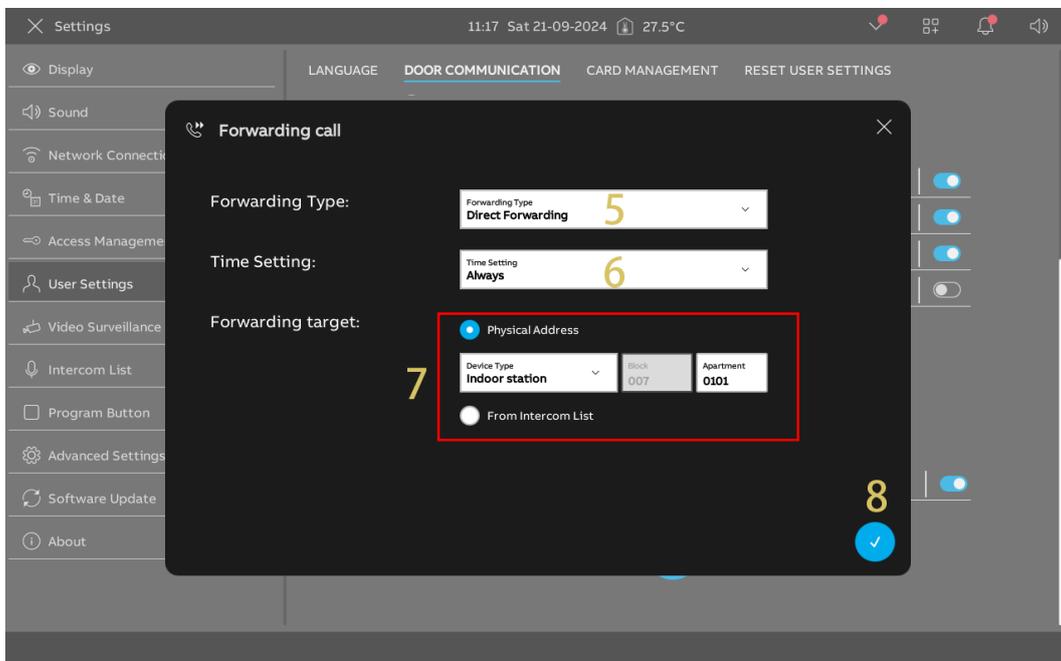
Creating a call forwarding

Please follow the steps below:

- [1] On the "Settings" screen, tap "User Settings".
- [2] Tap "Door Communication".
- [3] Tick the checkbox to enable the function.
- [4] Click " + ".



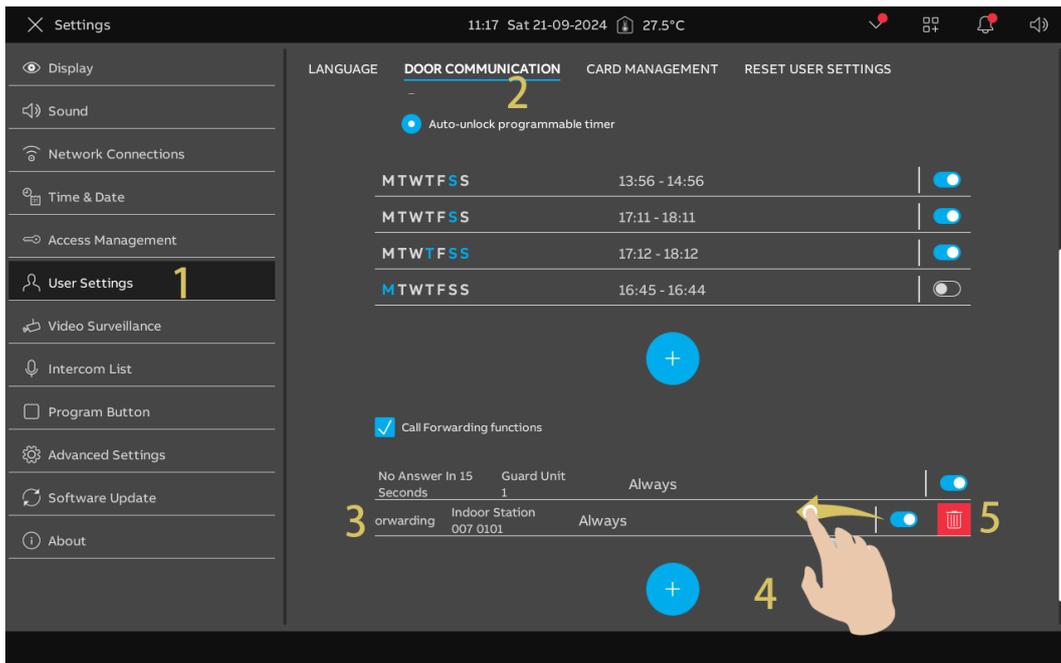
- [5] Select the forwarding type. It can be set to "Direct Forwarding" or "No Answer".
- If "No Answer" is selected, you need to set "Duration", it can be set to "15", "20" or "25". The call will be forwarded after the duration time specified.
 - If "Direct Forwarding" is selected, the call will be redirected immediately.
- [6] Set the effective time, it can be set to "Specified time slot" or "Always".
- If the effective time is set to ""Specified time slot", you need to set the start time, end time and workdays.
- [7] Set the forwarding target, it can be set "Physical Address" or "From Intercom List".
- If "Physical Address" is selected, you need to select the device type, it can be set to "Indoor Station", "Guard Unit" or "Group". Then enter the physical address for the device.
 - Only the Indoor Station at the same building can be set a forwarding target.
 - If "From Intercom List" is selected, you need to select a device from the drop-down list.
- [8] Click "✓".



Removing a call forwarding

Please follow the steps below:

- [1] On the "Settings" screen, tap "User Settings".
- [2] Tap "Door Communication".
- [3] Find the designated call forwarding item.
- [4] Swipe the item to the left.
- [5] Tap " " to remove it.



Disabling the "Call Forwarding" function

Please follow the steps below:

- [1] On the "Settings" screen, tap "User Settings".
- [2] Tap "Door Communication".
- [3] Untick the check box to disable the function.

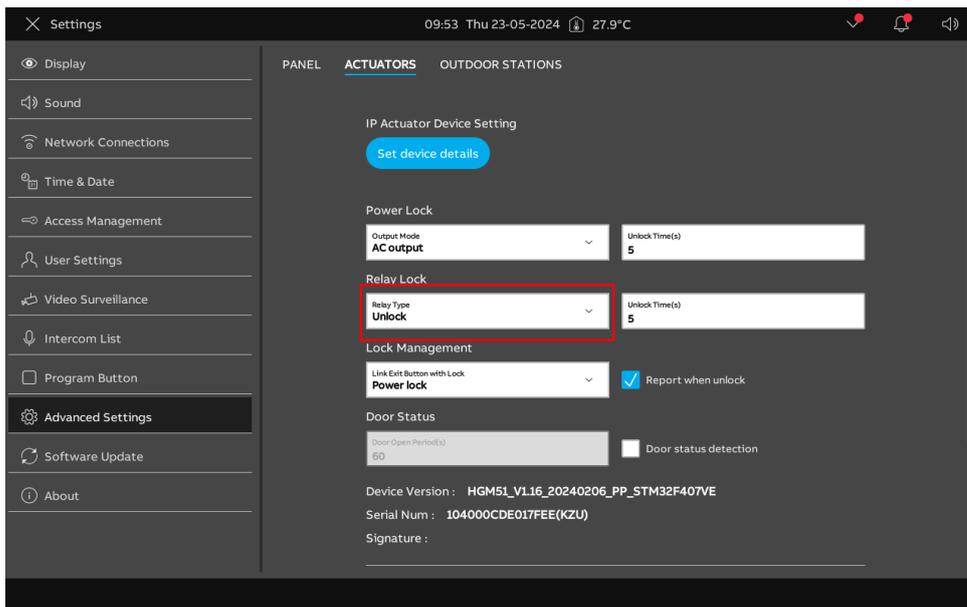


8.3.15 Linking call setting

People with hearing impairments cannot hear the ringing tone of an incoming call. It is recommended to link the call with a light connected to an IP Actuator. The designated light will turn on during an incoming call when this setting is enabled.

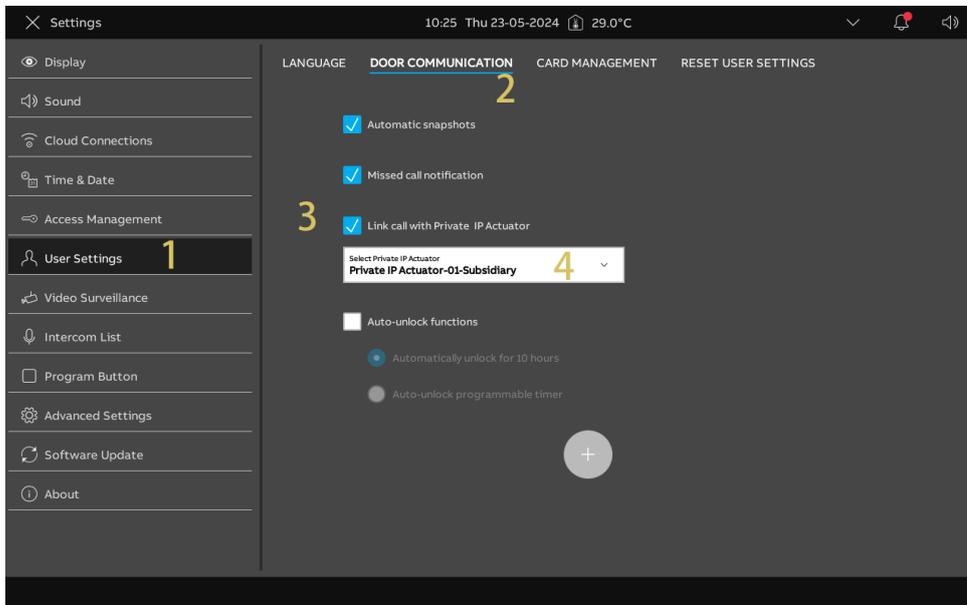
Preconditions

- The relay lock of the IP Actuator should be set to "Unlock".
- The panel has been added to the trusted list for the IP Actuator.



Please follow the steps below:

- [1] On the "Settings" screen, tap "User Settings".
- [2] Tap "Door Communication".
- [3] Tick the check box to enable the function.
- [4] Select "Private IP Actuator -xx - Subsidiary" in this case.



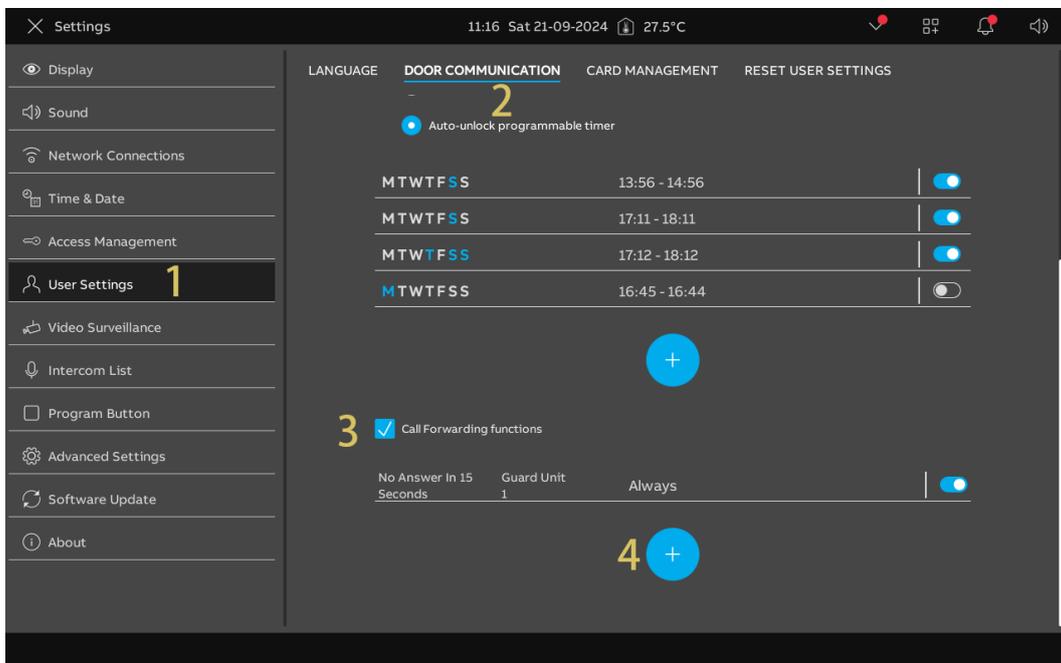
8.3.16 Call forwarding settings

The Forwarding call feature allows the call destined to one Indoor Station to be redirected to a determined alternative Indoor Station, directly, in specific time slots, or in case of missing answer within a selected time.

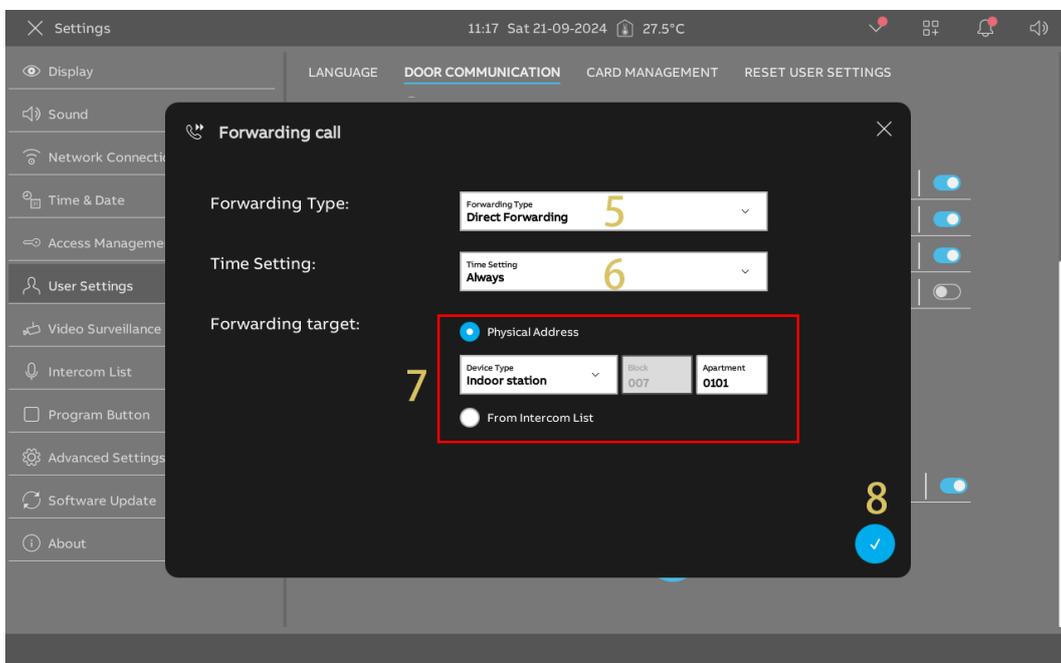
Creating a call forwarding

Please follow the steps below:

- [1] On the "Settings" screen, tap "User Settings".
- [2] Tap "Door Communication".
- [3] Tick the checkbox to enable the function.
- [4] Click " + ".



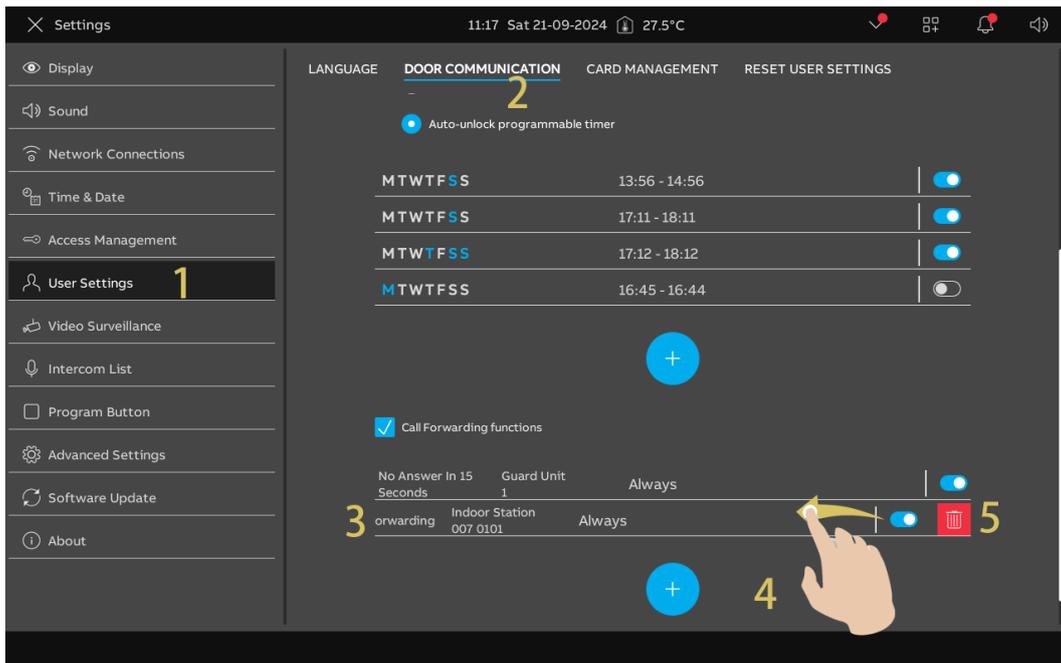
- [5] Select the forwarding type. It can be set to "Direct Forwarding" or "No Answer".
- If "No Answer" is selected, you need to set "Duration", it can be set to "15", "20" or "25". The call will be forwarded after the duration time specified.
 - If "Direct Forwarding" is selected, the call will be redirected immediately.
- [6] Set the effective time, it can be set to "Specified time slot" or "Always".
- If the effective time is set to ""Specified time slot", you need to set the start time, end time and workdays.
- [7] Set the forwarding target, it can be set "Physical Address" or "From Intercom List".
- If "Physical Address" is selected, you need to select the device type, it can be set to "Indoor Station", "Guard Unit" or "Group". Then enter the physical address for the device.
 - Only the Indoor Station at the same building can be set a forwarding target.
 - If "From Intercom List" is selected, you need to select a device from the drop-down list.
- [8] Click "✓".



Removing a call forwarding

Please follow the steps below:

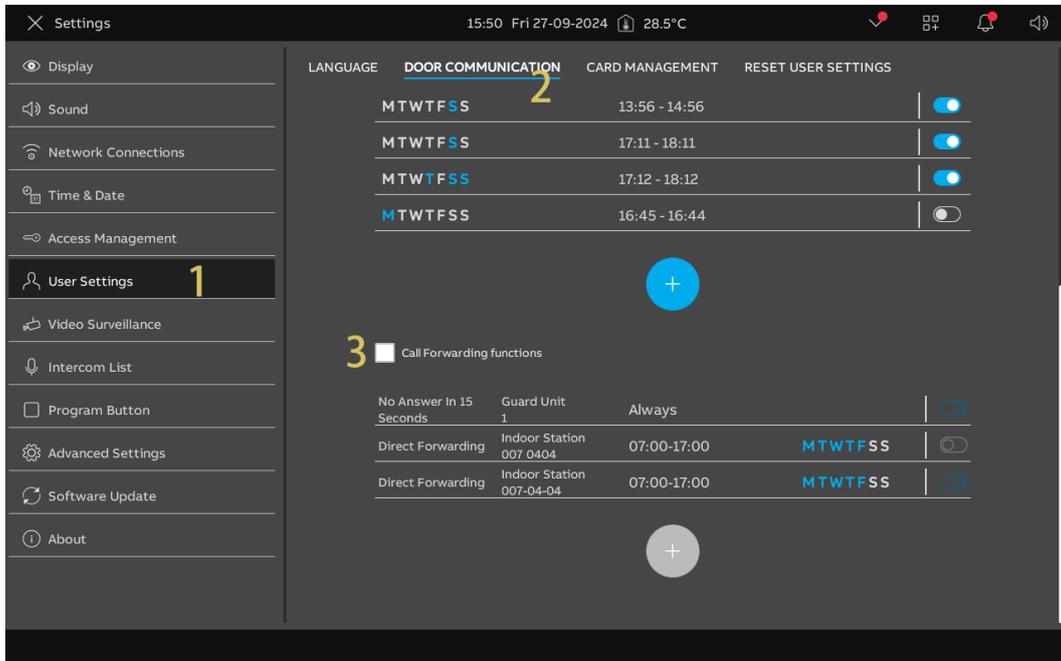
- [1] On the "Settings" screen, tap "User Settings".
- [2] Tap "Door Communication".
- [3] Find the designated call forwarding item.
- [4] Swipe the item to the left.
- [5] Tap " " to remove it.



Disabling the "Call Forwarding" function

Please follow the steps below:

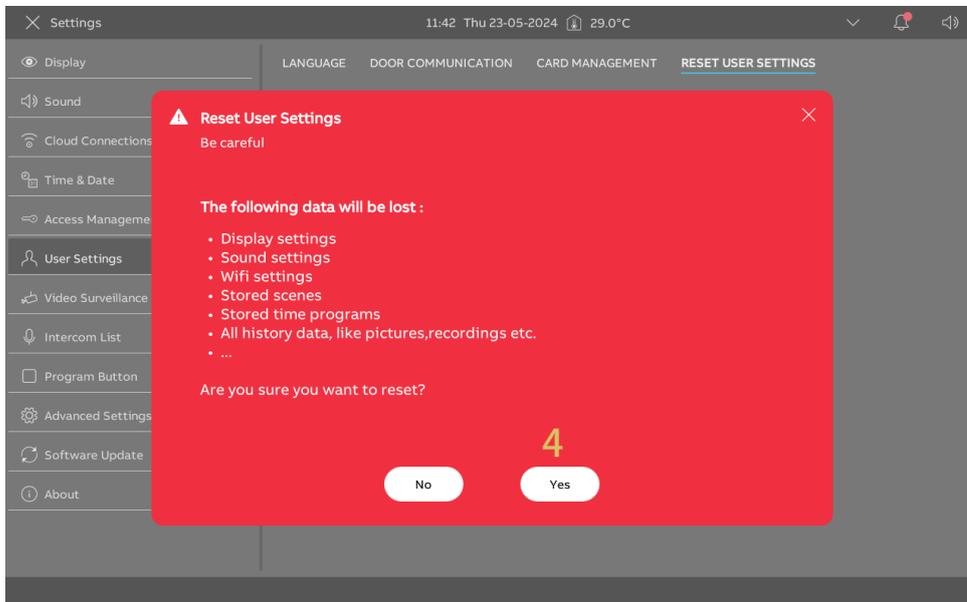
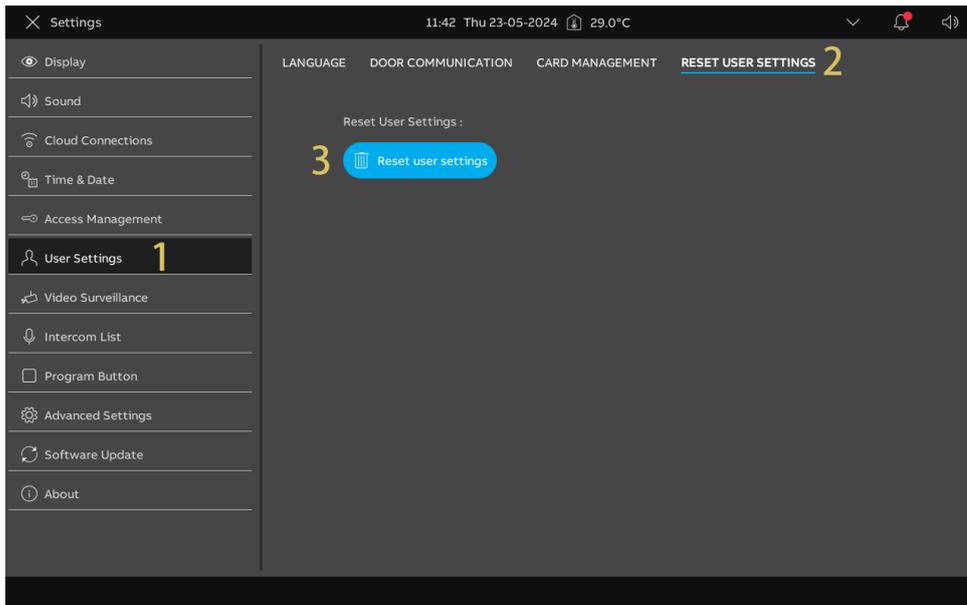
- [1] On the "Settings" screen, tap "User Settings".
- [2] Tap "Door Communication".
- [3] Untick the check box to disable the function.



8.3.17 Resetting user settings

Please follow the steps below:

- [1] On the "Settings" screen, tap "User Settings".
- [2] Tap "Reset User Settings".
- [3] Tap "Reset user settings".
- [4] On the pop-up warning window, tap "Yes".



The following settings will be restored to the default settings:

- Display settings
- Sound settings
- Unlock password
- History records

The following settings will remain unchanged:

- WiFi settings
- APP settings
- MyBuildings settings
- Longitude and Latitude settings
- Advanced setting password
- Language setting
- Link call with private IP actuator
- Card management
- Private IPC setting
- Public IPC setting
- Program button setting

8.3.18 Configuring Outdoor Station cameras

Preconditions

- This panel and the designated Outdoor Station should be in the same building.
- The designated Outdoor Station and this panel should have the same authentication.

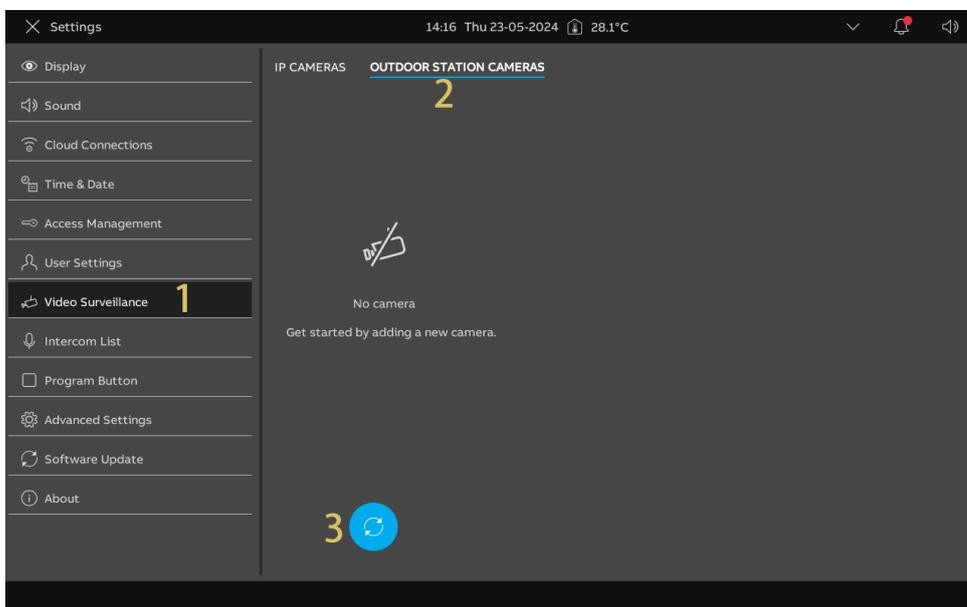
1. Add Outdoor Station cameras

Please follow the steps below:

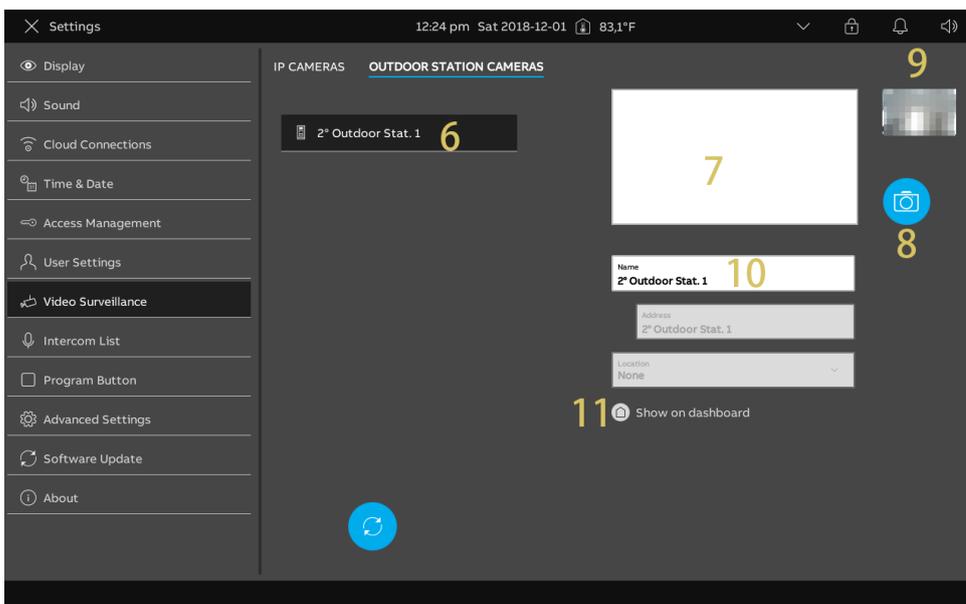
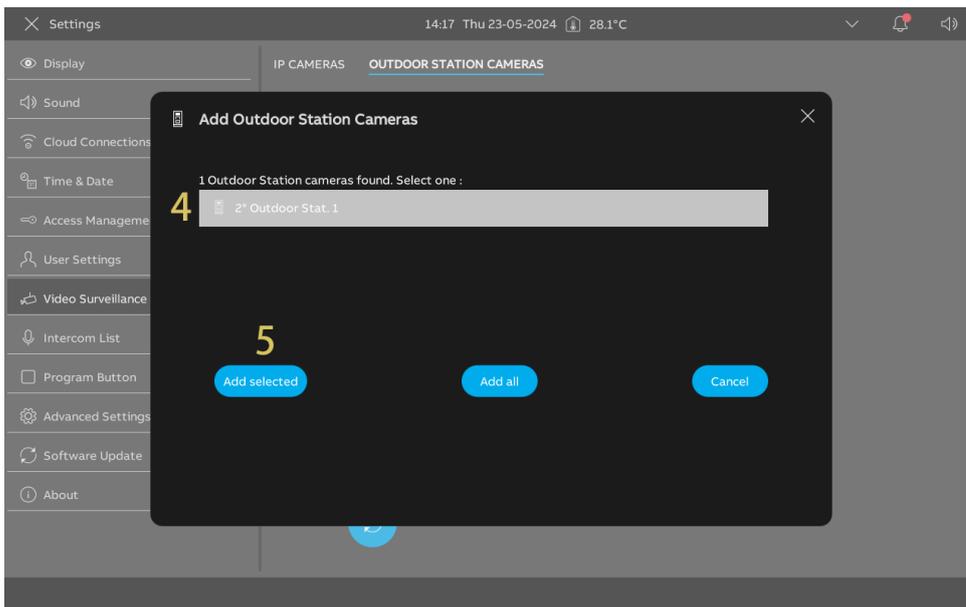
[1] On the "Settings" screen, tap "Video Surveillance".

[2] Tap "Outdoor Station Cameras".

[3] Tap "  ".



- [4] Tap the designated Outdoor Station on the list.
- [5] Tap "Add selected" or tap "Add all" to add the cameras.
- [6] Tap the relevant camera.
- [7] Surveillance will be initiated in a small window for 120 seconds.
- [8] Tap "📷" to take a snapshot.
- [9] The snapshot will be displayed on the screen. This snapshot will be the cover when the camera is added to the dashboard.
- [10] Enter the alias name for the camera.
- [11] Tap "🏠" to show the camera on the dashboard.



2. Removing an Outdoor Station camera

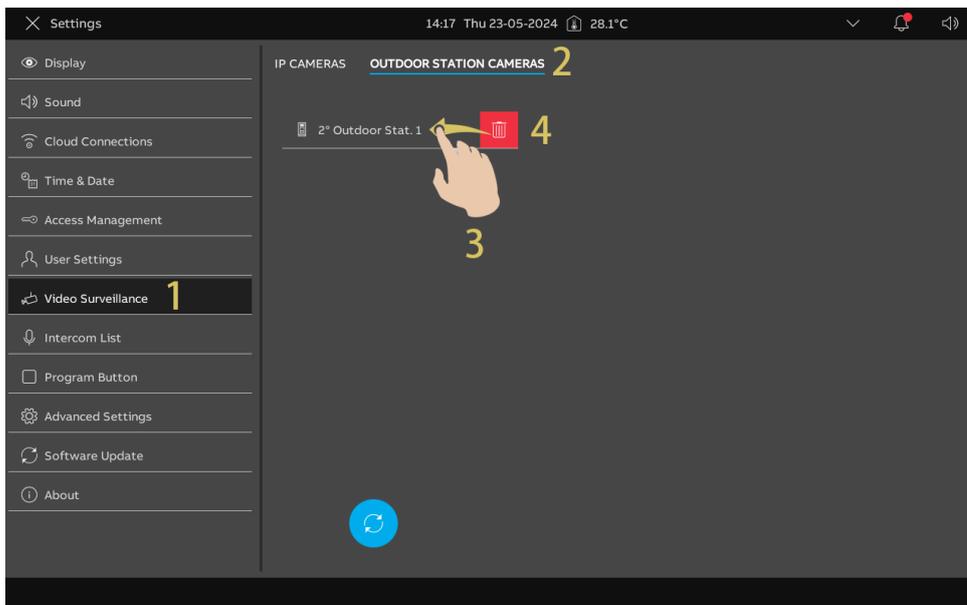
Please follow the steps below:

[1] On the "Settings" screen, tap "Video Surveillance".

[2] Tap "Outdoor Station Cameras".

[3] Swipe the designate Outdoor Station to the left.

[4] Tap "🗑️" to remove it.

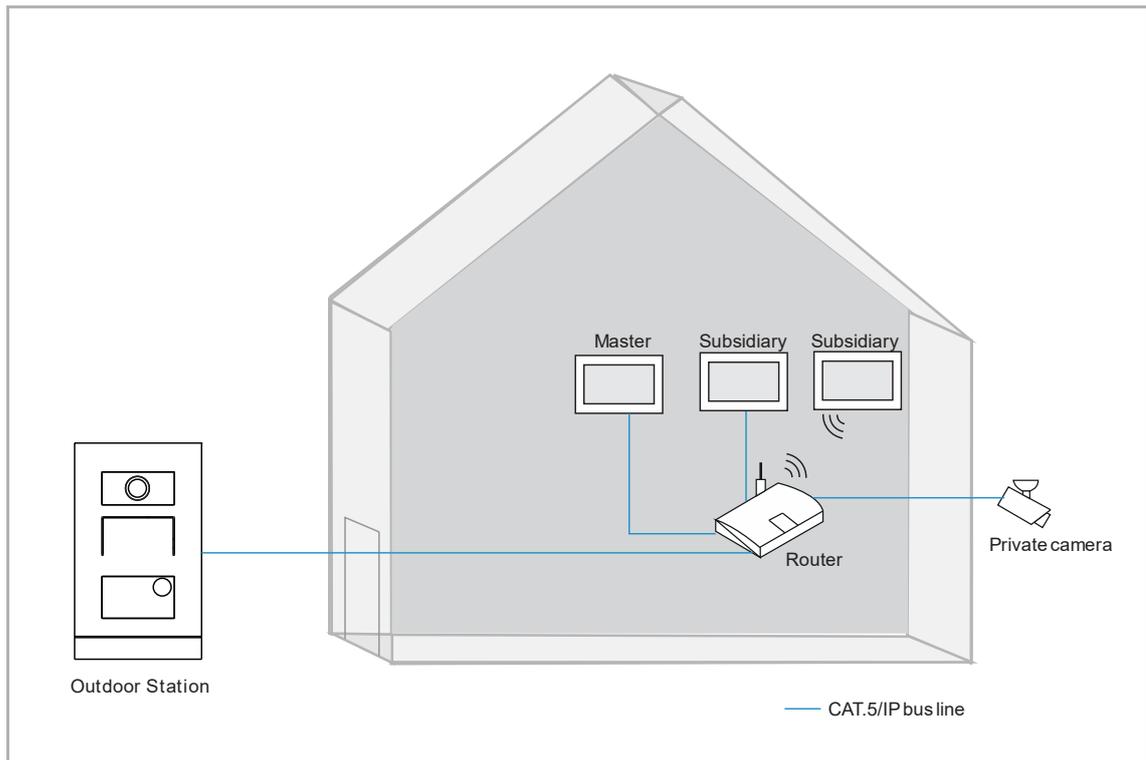


8.3.19 Configuring private cameras

Preconditions

- The designated private cameras and the panel should be on the same network.
- The panel only supports IP cameras with the Onvif protocol (Profile S, resolution format H264 only).

Topology



1. Adding private cameras

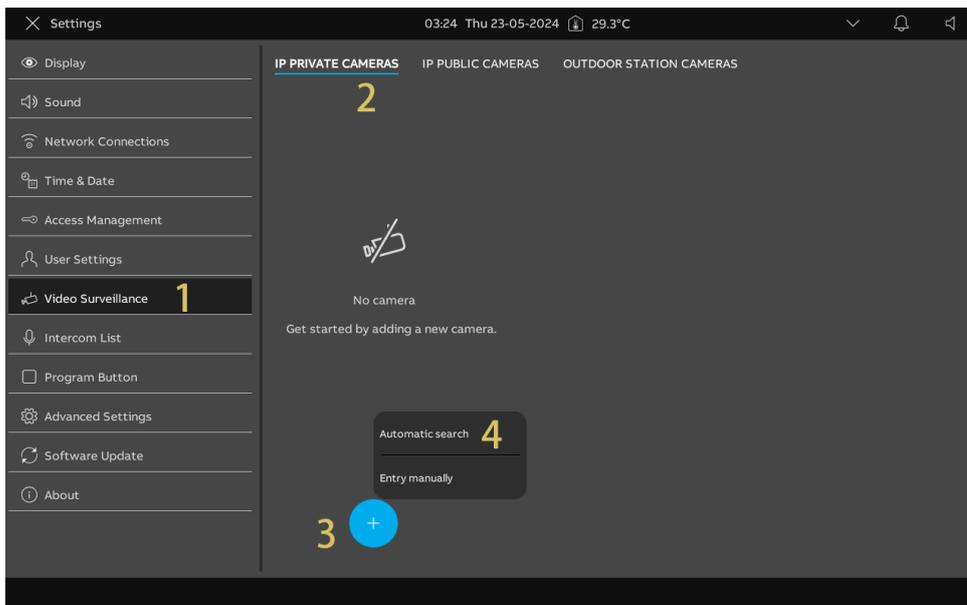
Please follow the steps below:

[1] On the "Settings" screen, tap "Video Surveillance".

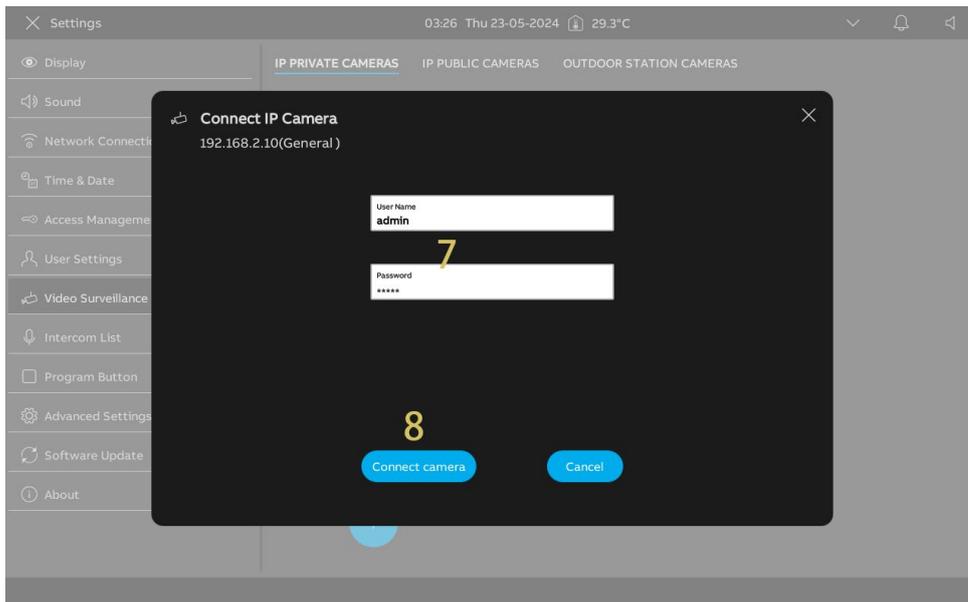
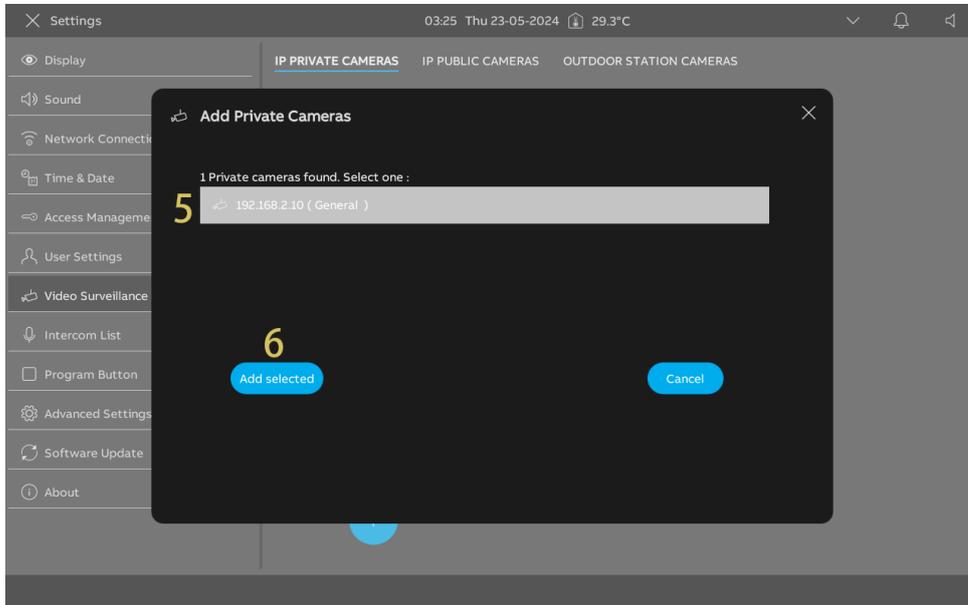
[2] Tap "IP private cameras".

[3] Tap " + ".

[4] Tap "Automatic search".



- [5] Tap the designated camera.
- [6] Tap "Add selected".
- [7] Enter the account and password for the camera.
- [8] Tap "Connect Camera".



[9] Tap "Continue".

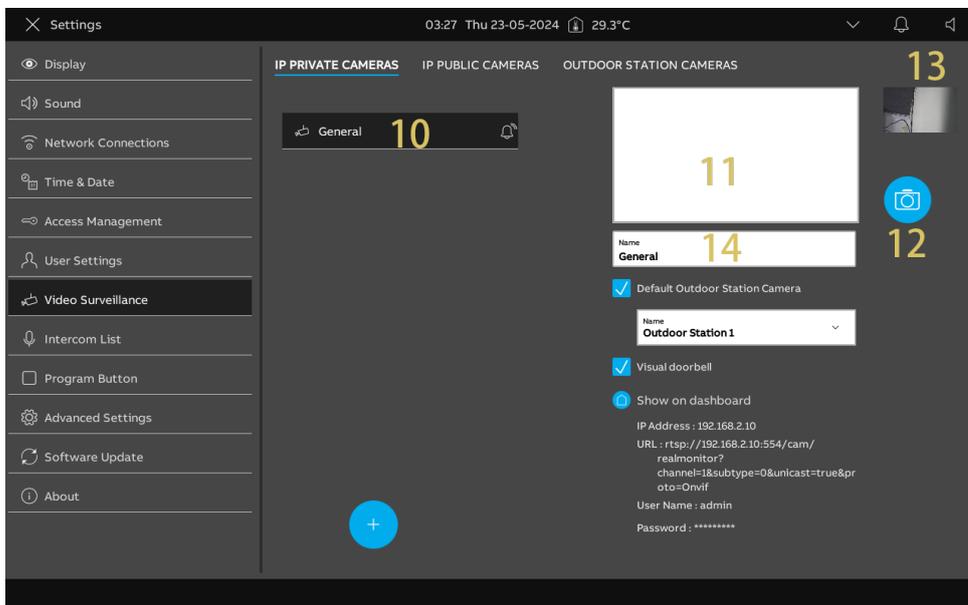
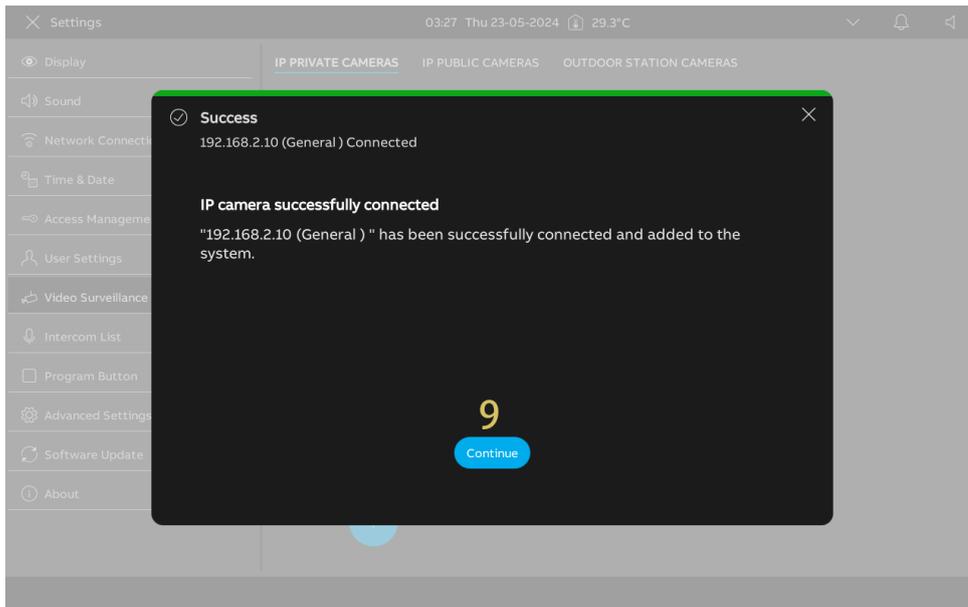
[10] Tap the relevant camera.

[11] Surveillance will be initiated in a small window for 120 seconds.

[12] Tap "📷" to take a snapshot.

[13] The snapshot will be displayed on the screen. This snapshot will be the cover when the camera is added to the dashboard.

[14] Enter the alias name for the camera.



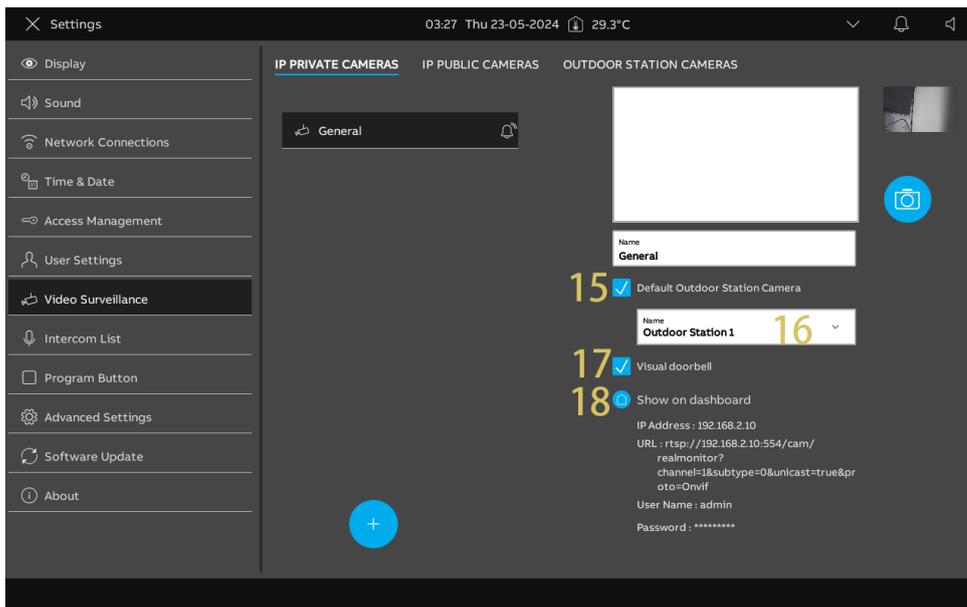
[15] Tick the check box to enable the function. You need to set "Outdoor Station cameras" before implementing this setting. For more details, see chapter 8.3.18 "Configuring Outdoor Station cameras" on page 111.

- If this function is enabled, the Outdoor Station will display the image of private camera during in incoming call or during surveillance.

[16] Select the designated Outdoor Station from the drop-down list.

[17] Tick the check box to enable the "Visual doorbell" function.

[18] Tap "🏠" to add the camera to the dashboard. "🏠" will be displayed on the screen if successful. Tap "🏠" to remove the camera from the dashboard.



2. Removing private cameras

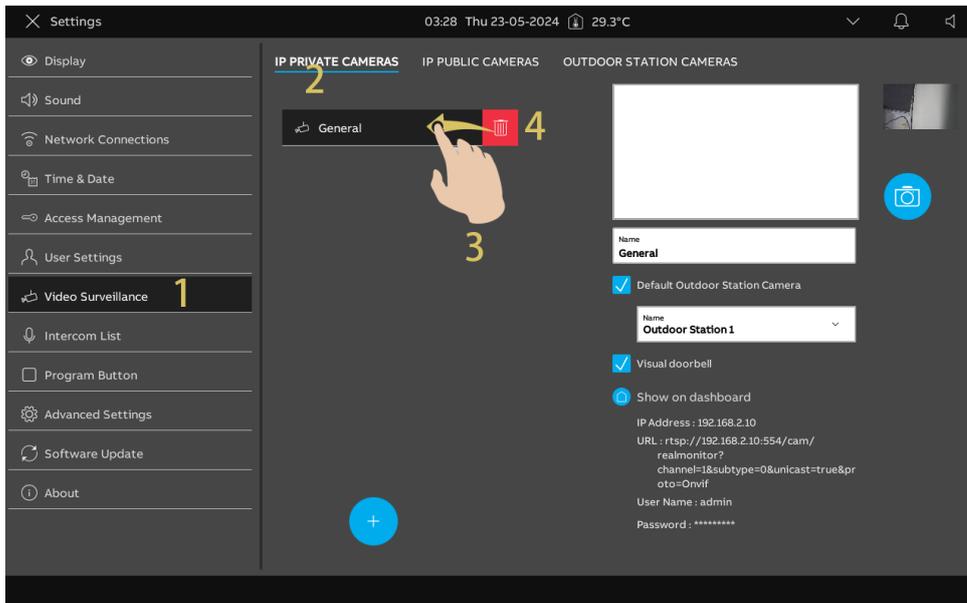
Please follow the steps below:

[1] On the "Settings" screen, tap "Video Surveillance".

[2] Tap "IP private cameras".

[3] Swipe the designate camera to the left.

[4] Tap "🗑️" to remove it.

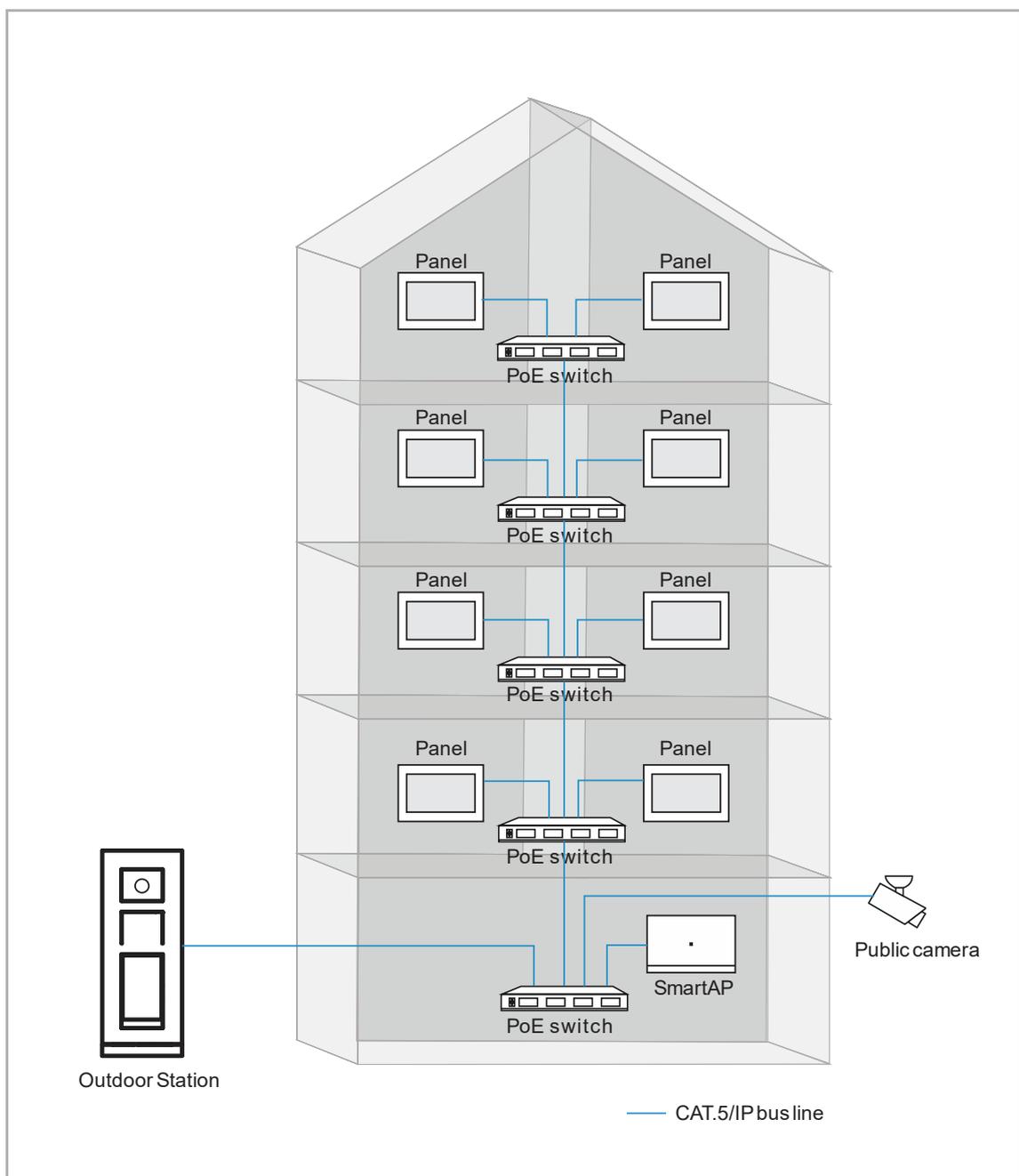


8.3.20 Configuring public cameras

Preconditions

- The designated public cameras and the panel have been signed on the SmartAP.
- The designated panel and SmartAP should be on the same network.
- The panel only supports IP cameras with the Onvif protocol (Profile S, resolution format H264 only).

Topology



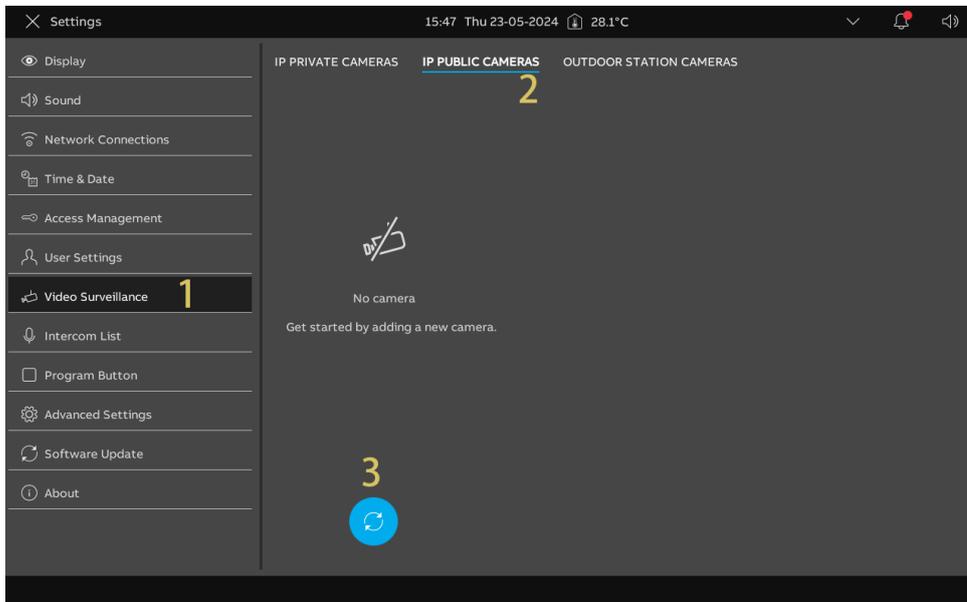
1. Adding public cameras

Please follow the steps below:

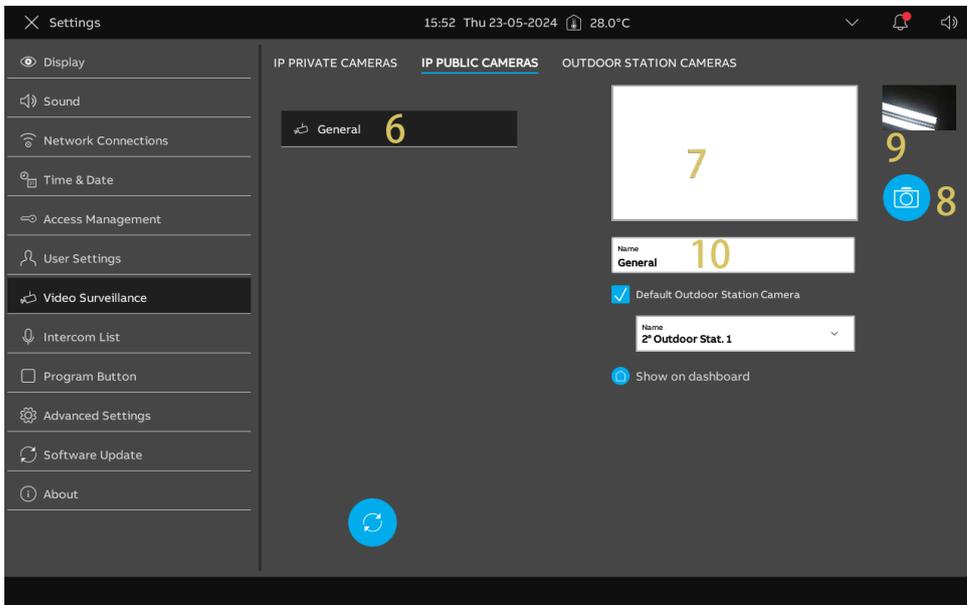
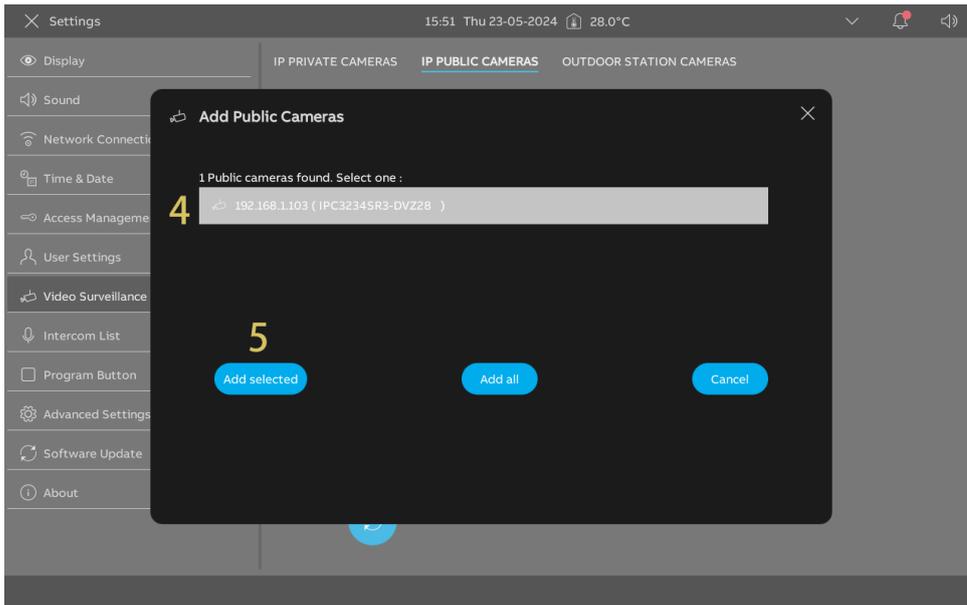
[1] On the "Settings" screen, tap "Video Surveillance".

[2] Tap "IP Public Cameras".

[3] Tap "  ".



- [4] Tap the designated camera on the list.
- [5] Tap "Add selected" or tap "Add all" to add the cameras.
- [6] Tap the designated camera.
- [7] Surveillance will be initiated in a small window and last for 120 seconds.
- [8] Tap "📷" to take a snapshot.
- [9] The snapshot will be displayed on the screen and it will be used as the cover when the camera is added to the dashboard.
- [10] Enter the alias name for the camera.

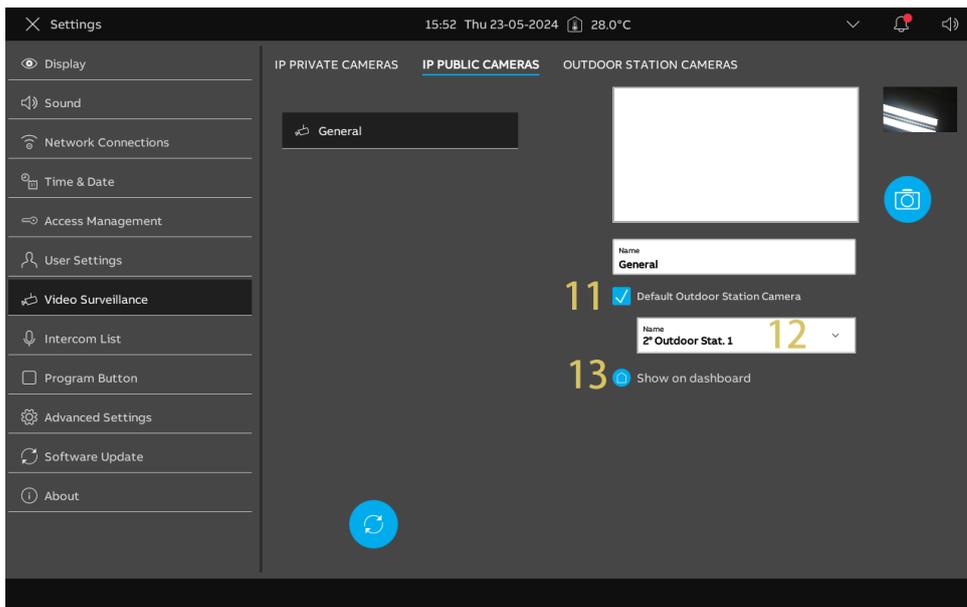


[11] Tick the check box to enable the function. "Outdoor Station Cameras" needs to be set before this setting. For more details, see chapter 8.3.18 "Configuring Outdoor Station cameras" on page 111.

- If this function is enabled, the Outdoor Station will display the image of public camera during in incoming call or during surveillance.

[12] Select the designated Outdoor Station from the drop-down list.

[13] Tap "🏠" to add the camera to the dashboard. Tap "🏠" to remove the camera from the dashboard.



2. Removing public cameras

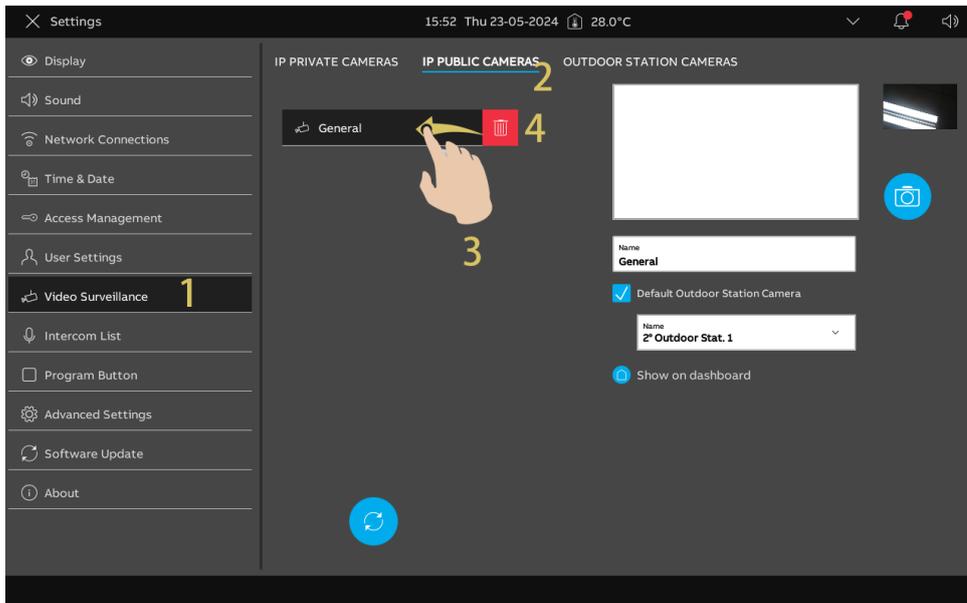
Please follow the steps below:

[1] On the "Settings" screen, tap "Video Surveillance".

[2] Tap "IP Public Cameras".

[3] Swipe the relevant camera to the left.

[4] Tap "🗑️" to remove it.

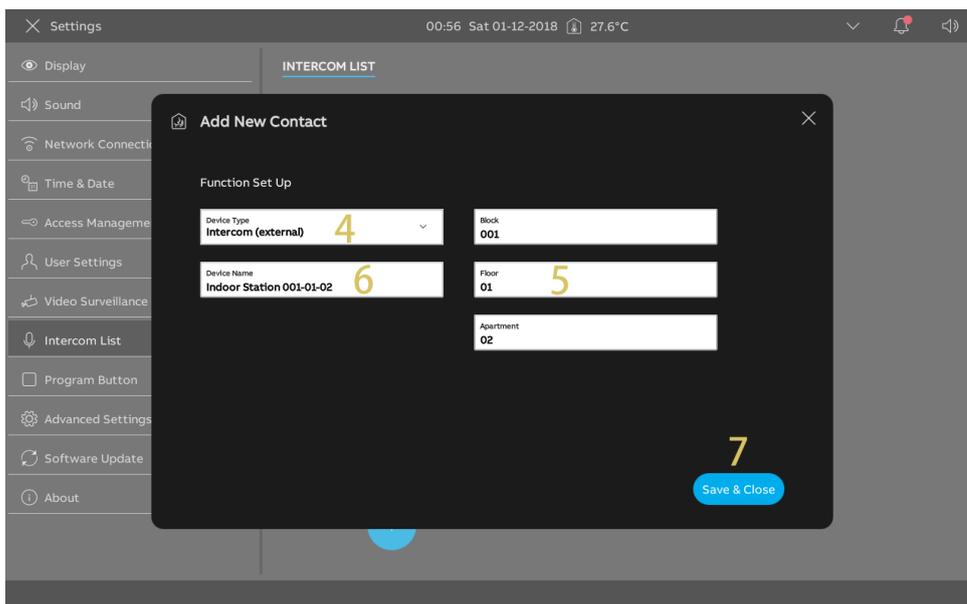
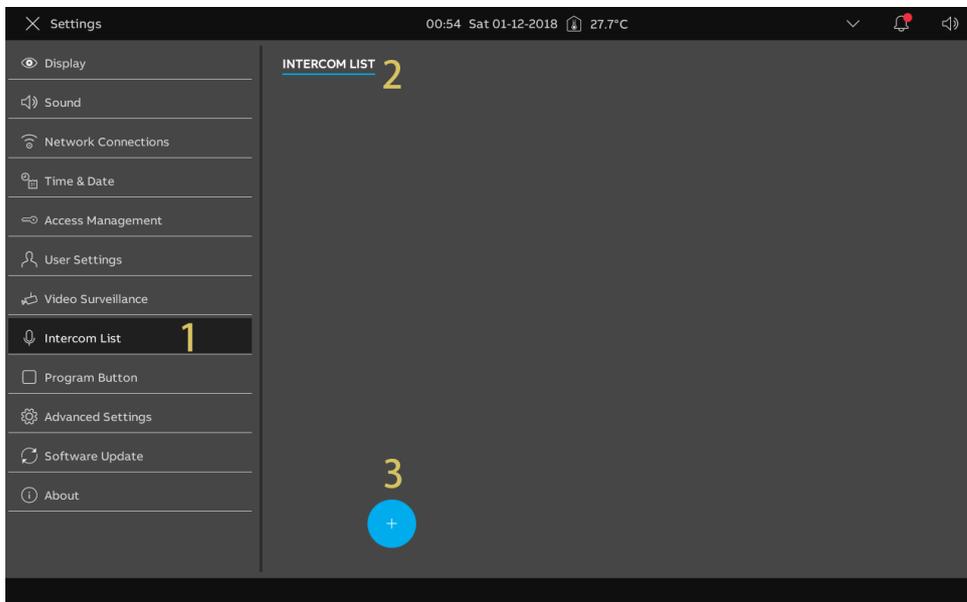


8.3.21 Configuring intercom list

Adding an intercom

Please follow the steps below:

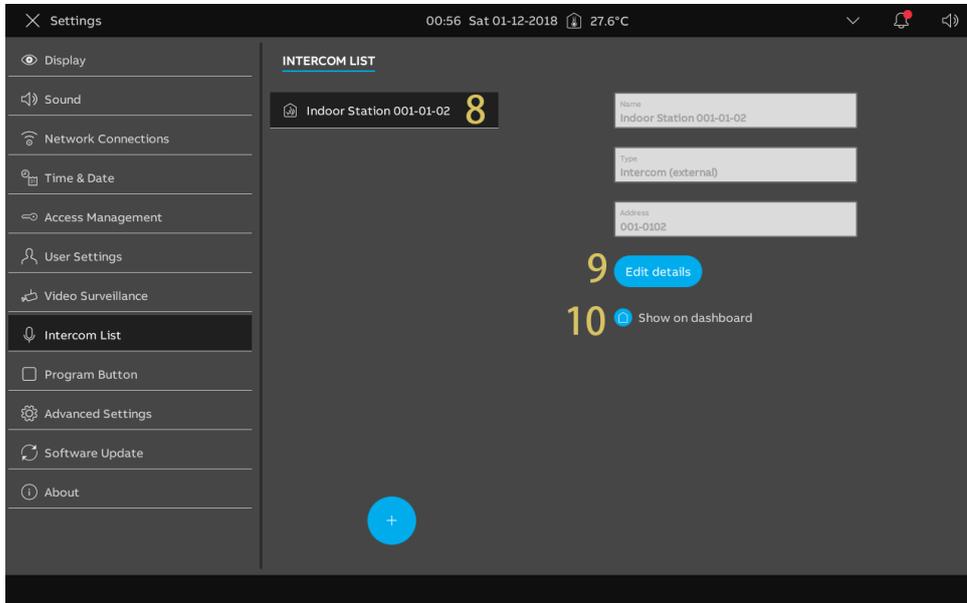
- [1] On the "Settings" screen, tap "Intercom List".
- [2] Tap "Intercom List".
- [3] Tap " + ".
- [4] Select the device type. It can be set to "Intercom (external) ", "Intercom (Internal) " or "Guard Unit".
- [5] Enter the physical address of the object device.
- [6] The device name will be generated automatically. You can also enter the alias name.
- [7] Tap "Save & Close".



[8] Tap the relevant intercom.

[9] Tap "Edit details" to edit the settings.

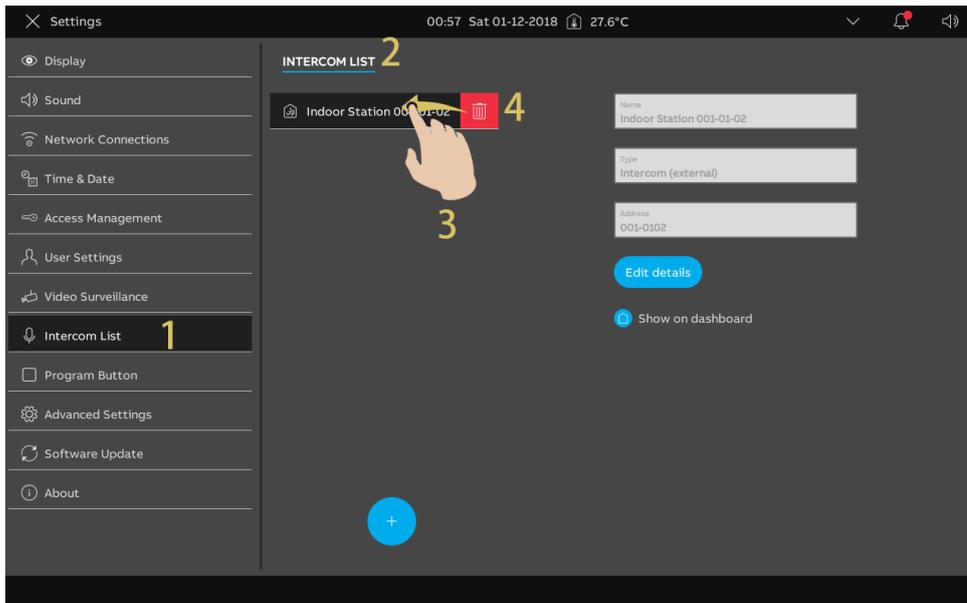
[10] The intercom will be added to the dashboard automatically. Tap "  " to remove it from the dashboard.



Removing an intercom

Please follow the steps below:

- [1] On the "Settings" screen, tap "Intercom List".
- [2] Tap "Intercom List".
- [3] Swipe the relevant intercom to the left.
- [4] Tap " " to remove it.

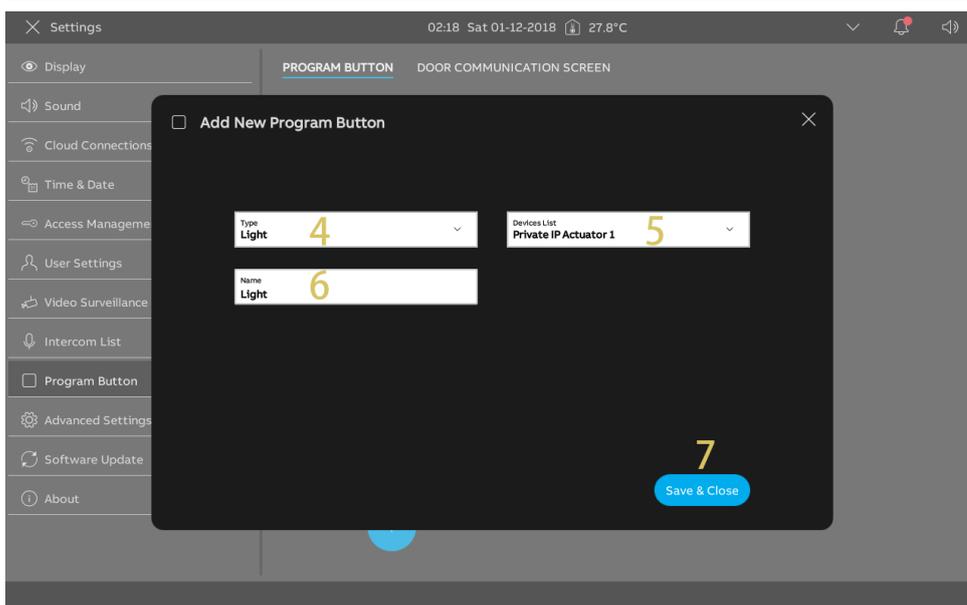
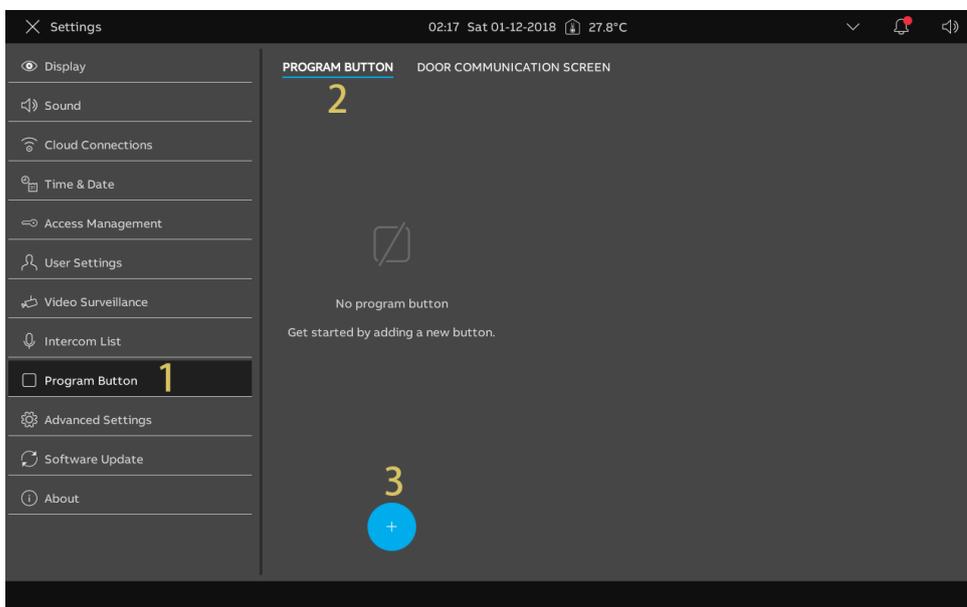


8.3.22 Configuring program buttons

Adding a program button

Please follow the steps below:

- [1] On the "Settings" screen, tap "Program Button".
- [2] Tap "Program Button".
- [3] Tap " + ".
- [4] Select the type from the drop-down list. It can be set to "Lock" or "Light".
- [5] Select the associated device from the devices list.
- [6] Enter the alias name for the program button.
- [7] Tap "Save & Close".

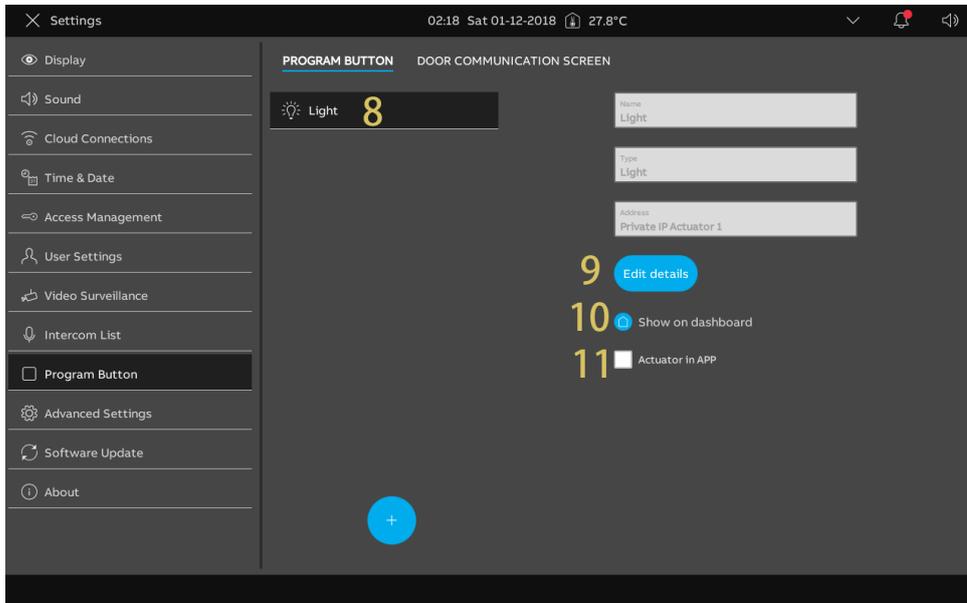


[8] Tap the designated program button.

[9] Tap "Edit details" to edit the settings.

[10] The program button will be added to the dashboard automatically. Tap "  " to remove it from the dashboard.

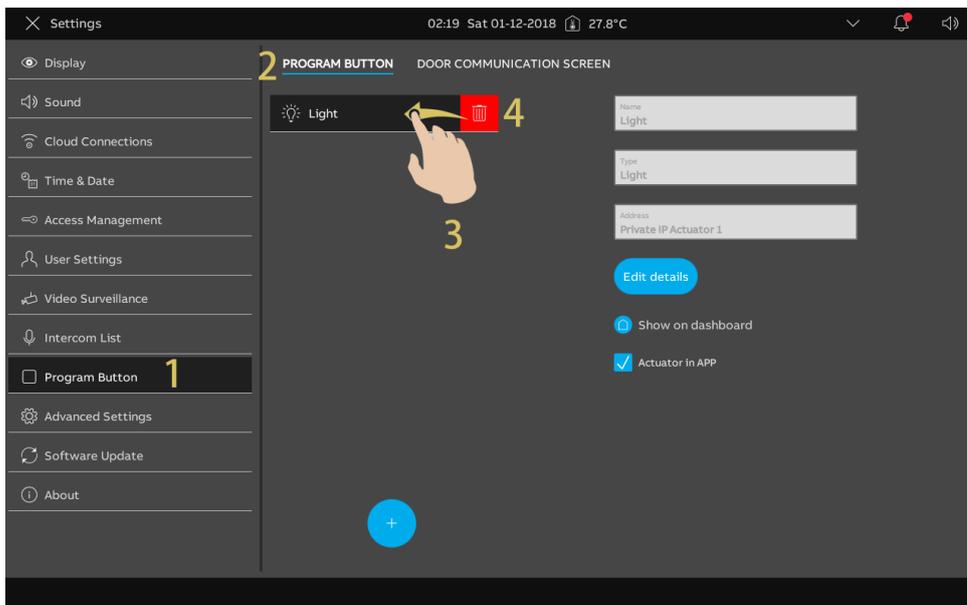
[11] If "Actuator in APP" is enabled, this IP Actuator will be displayed on the APP screen. Only one IP Actuator can have this function enabled.



Removing a program button

Please follow the steps below:

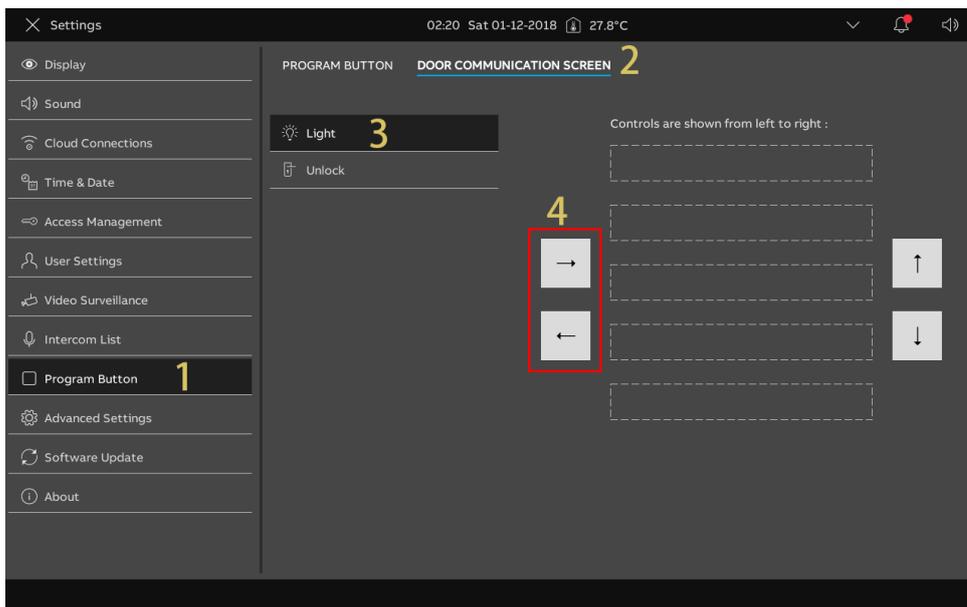
- [1] On the "Settings" screen, tap "Program Button".
- [2] Tap "Program Button".
- [3] Swipe the relevant program button to the left.
- [4] Tap " " to remove it.



Adding program buttons to the door communication screen

Please follow the steps below:

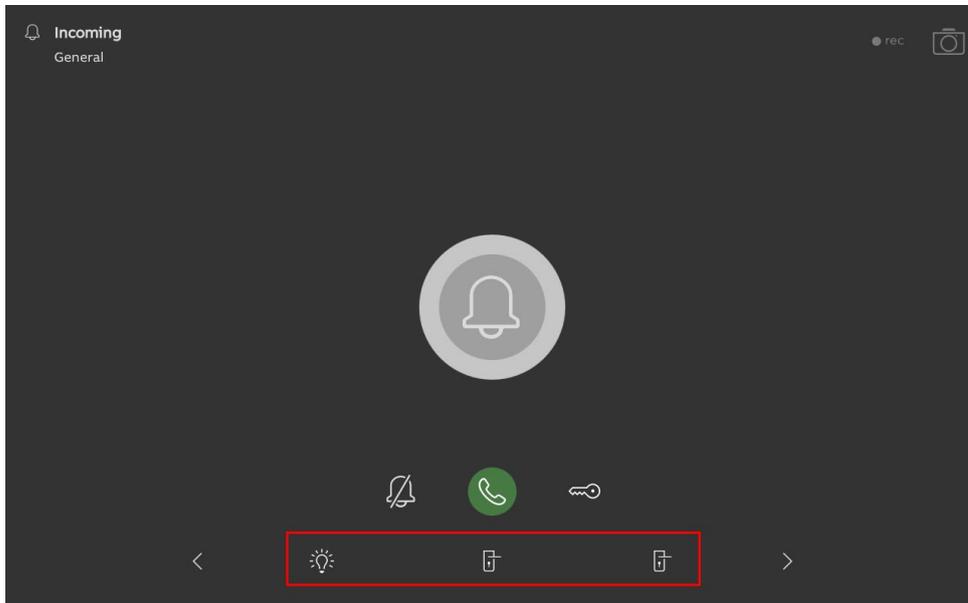
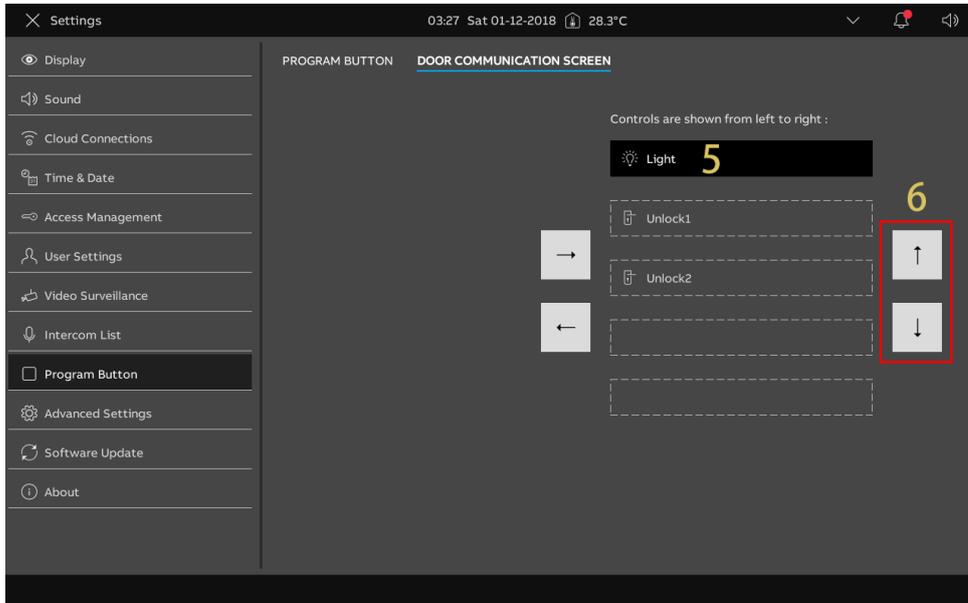
- [1] On the "Settings" screen, tap "Program button".
- [2] Tap "Door Communication Screen".
- [3] Select the designated program button.
- [4] Edit the control list displayed on door communication screen:
 - Tap "→" to add this program button to the list.
 - Tap "←" to remove this program button from the list.
 - Up to 5 program buttons can be added to the list.



[5] Select the designated program button.

[6] Adjust the order of the program buttons on the control list:

- Tap " ↑ " to move up the program button.
- Tap " ↓ " to move down the program button.
- The designated program buttons will be display according to the control list on the door communication screen.



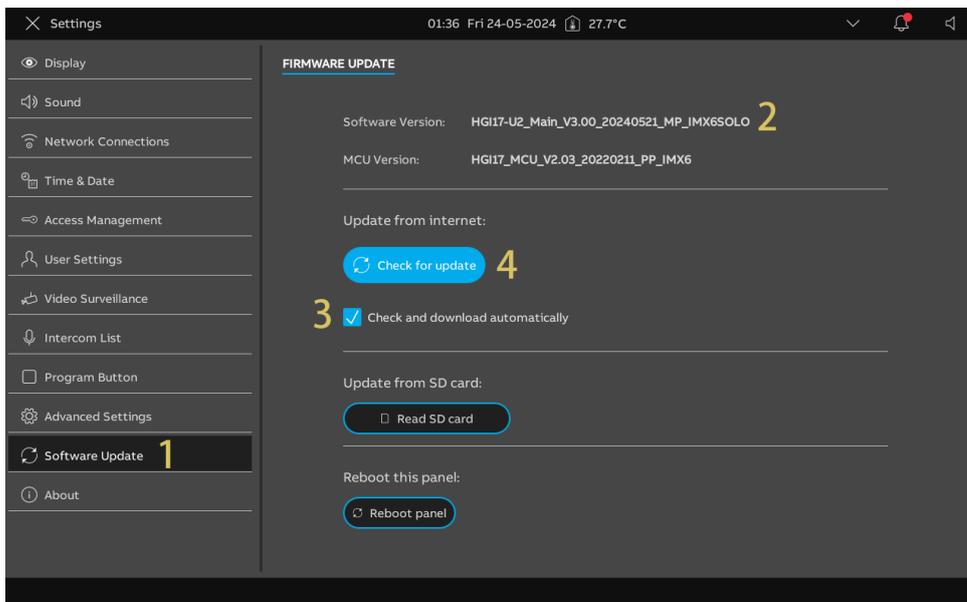
8.3.23 Software update

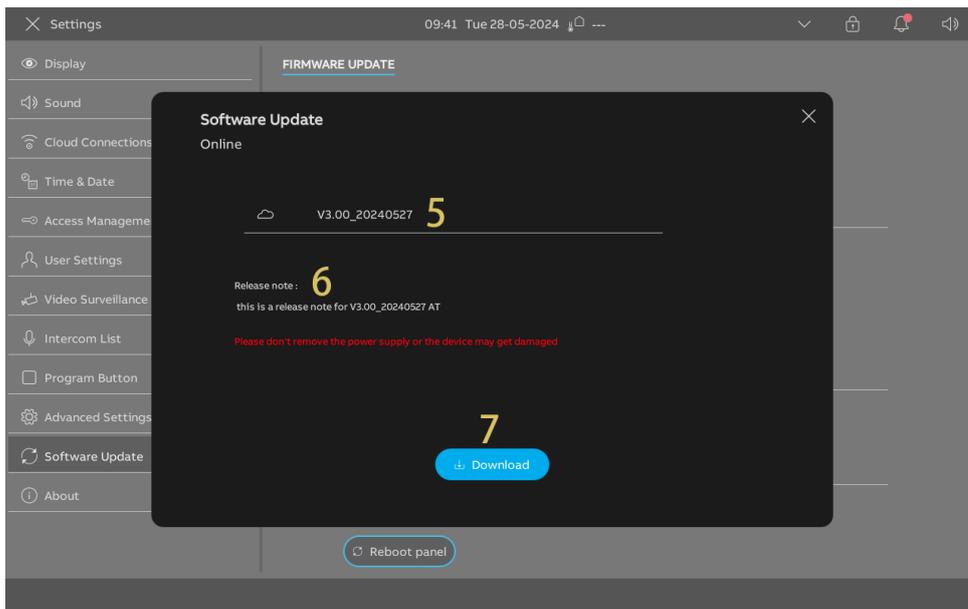
Update the firmware via the website

Please ensure that the panel can connect to the internet.

Please follow the steps below:

- [1] On the "Settings" screen, tap "Software Update".
- [2] The current software version will be displayed on the screen.
- [3] Tick the check box to enable the download function.
 - If this function is enabled, the panel will check the new version and download the firmware automatically.
 - If this function is enables, please skip steps 4-8 and continue at step 9.
- [4] Tap "Check for update".
- [5] The new version will be displayed on the screen.
- [6] A release note for the new version will be displayed on the screen.
- [7] Tap "Download".



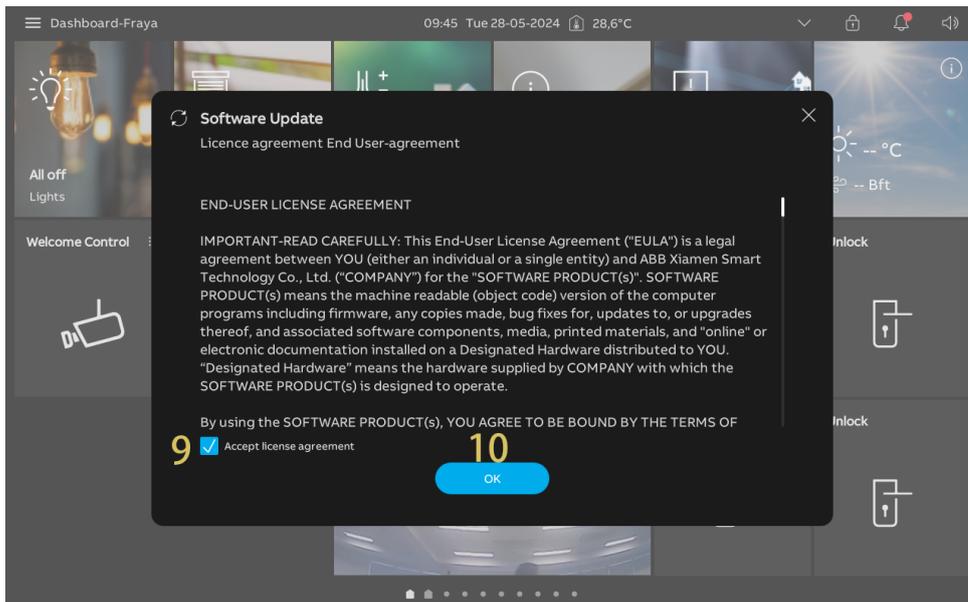
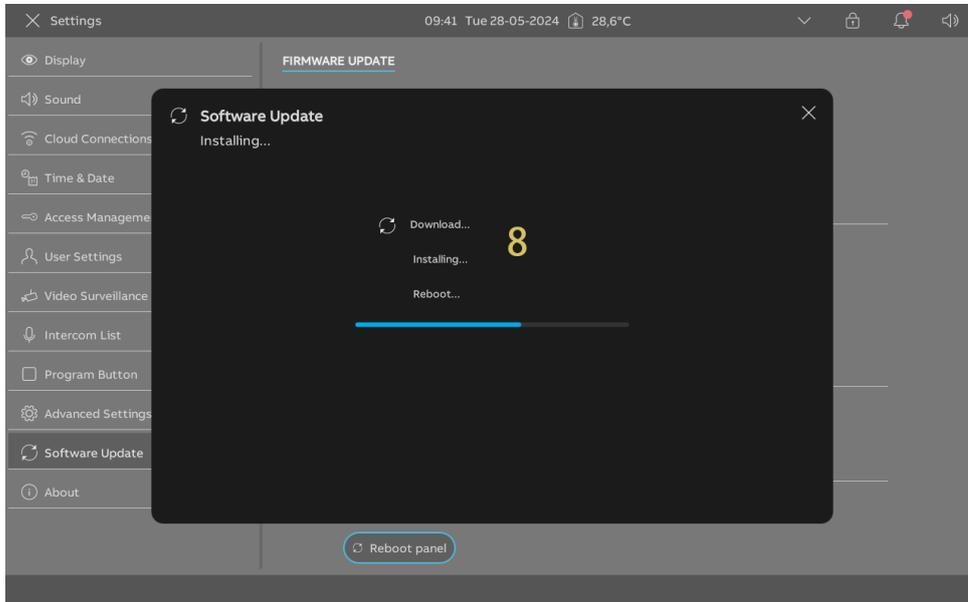


[8] It will take a little while to download the new software.

[9] Tick the check box to accept the licence.

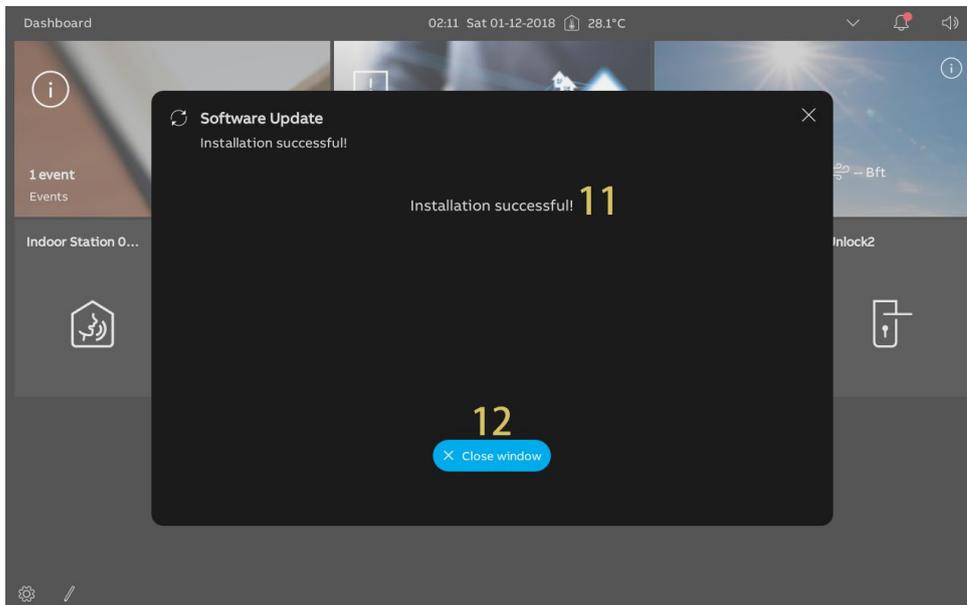
[10] Tap "OK".

- If you don't want to update the firmware, tap "x" to exit.



[11]"Installation successful!" will be displayed on the screen if successful.

[12]Tap "Close window".

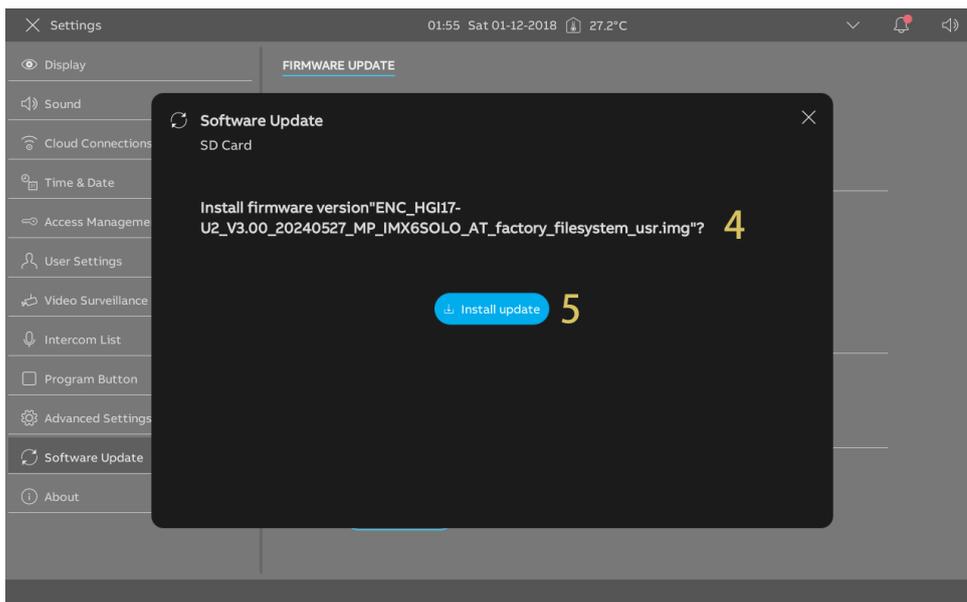
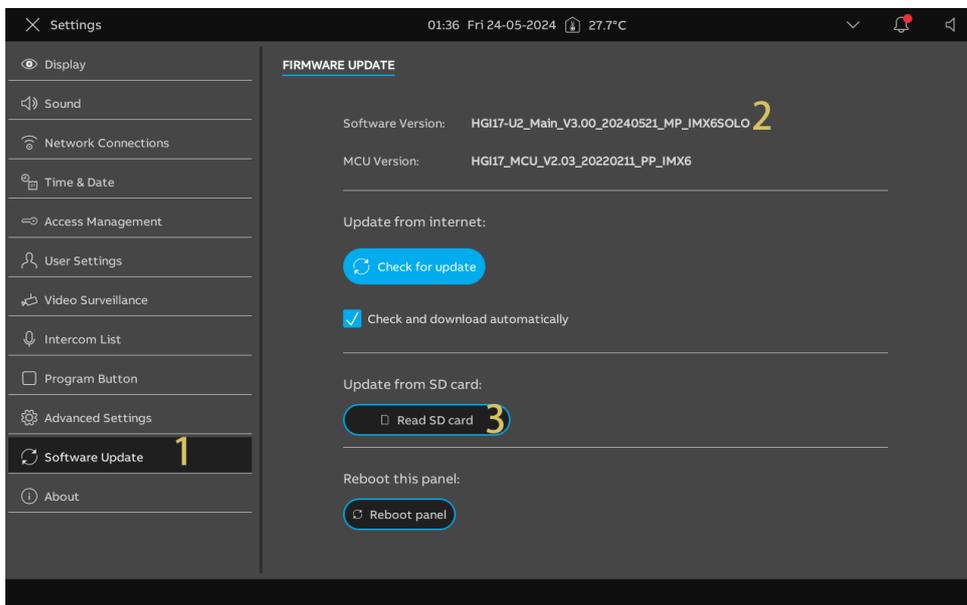


Update the firmware via SD card

Please ensure that the firmware update file has been stored in the SD card and the SD card has been inserted into the panel.

Please follow the steps below:

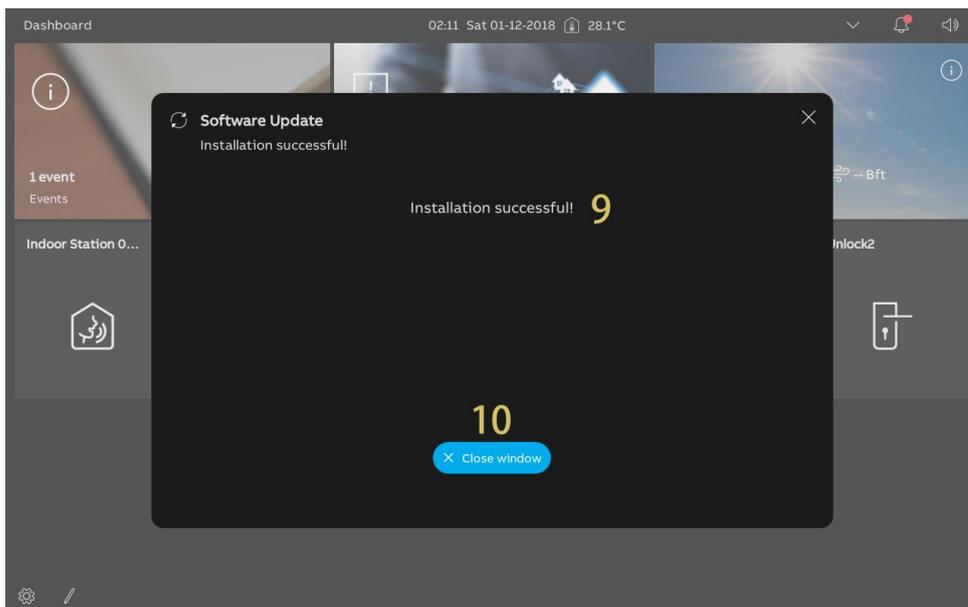
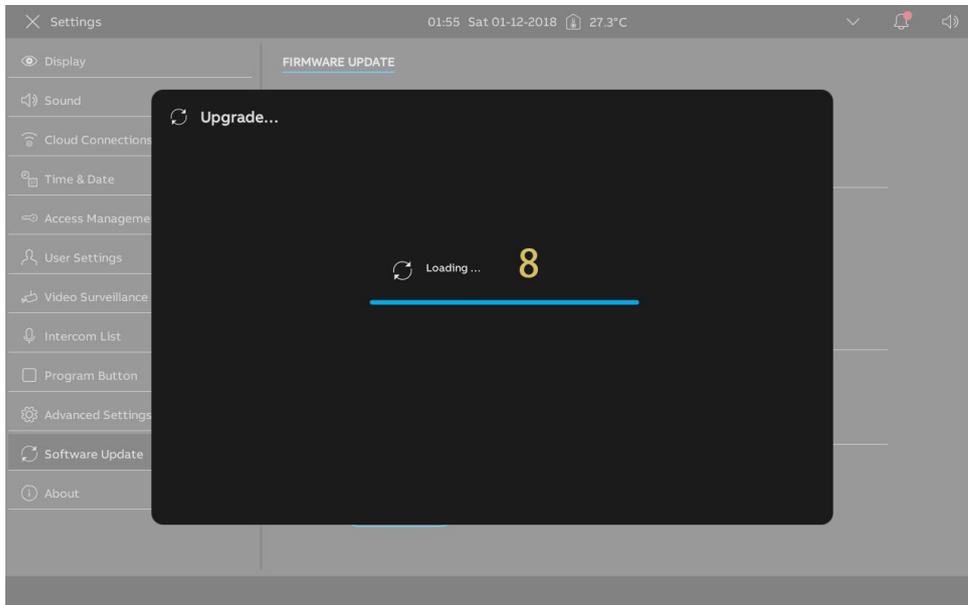
- [1] On the "Settings" screen, tap "Software Update".
- [2] The current software version will be displayed on the screen.
- [3] Go to the "Update from SD card" section, tap "Read SD card".
- [4] Select the designated update file.
- [5] Tap "Install the update".
- [6] A release note for the new version will be displayed on the screen.
- [7] Tap "Download".



[8] It will take a little while to prepare the installation.

[9] "Installation successful!" will be displayed on the screen if successful.

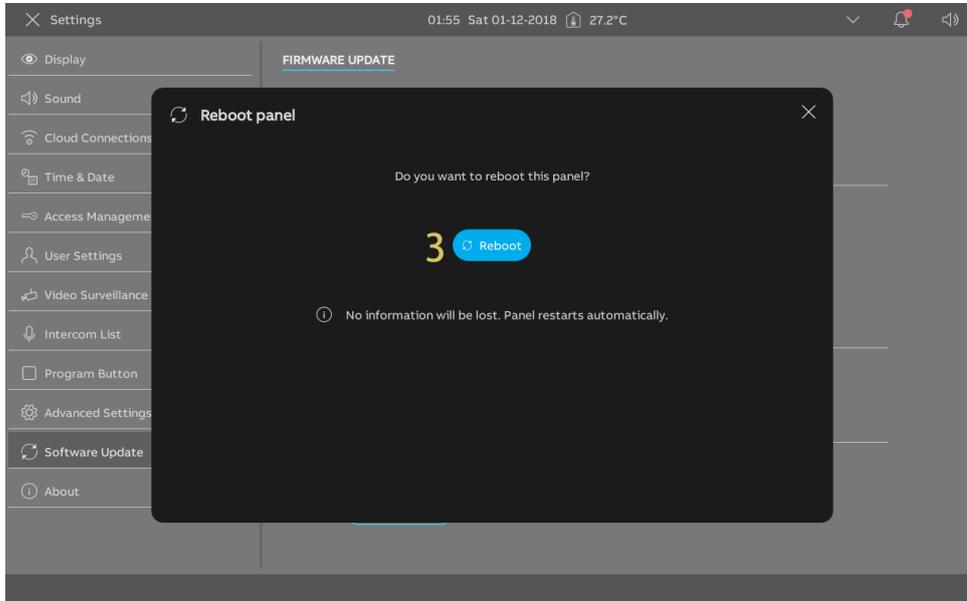
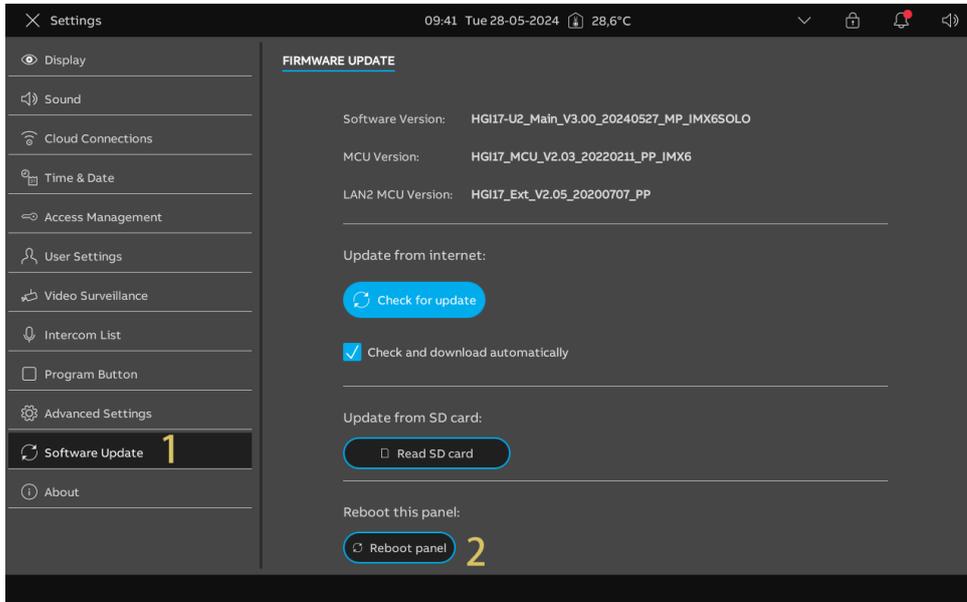
[10] Tap "Close window".



8.3.24 Rebooting the panel

Please follow the steps below:

- [1] On the "Settings" screen, tap "Software Update".
- [2] Go to the "Reboot this panel" section, tap "Reboot panel".
- [3] Tap "Reboot".

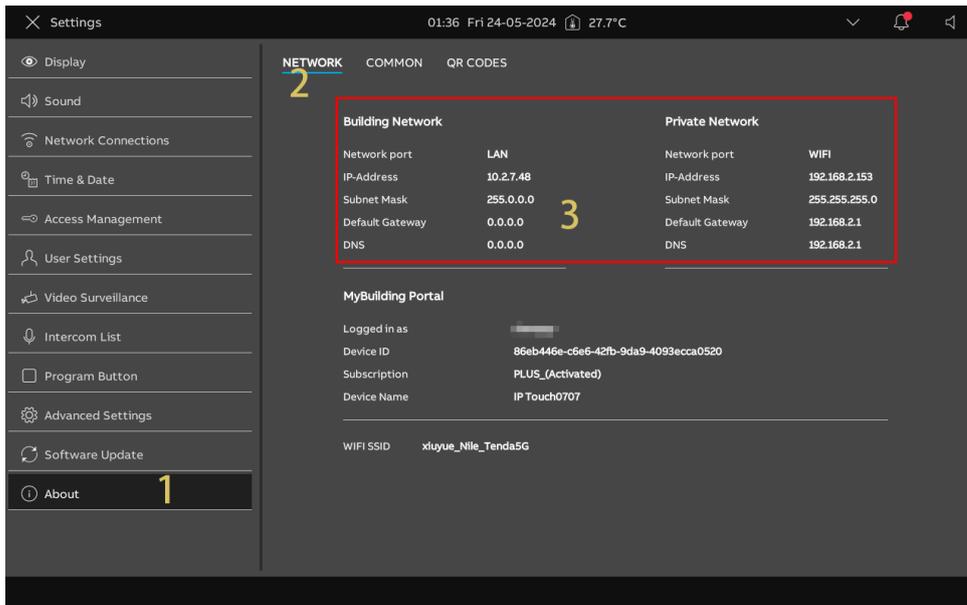


8.3.25 About

Viewing the status of the network

Please follow the steps below:

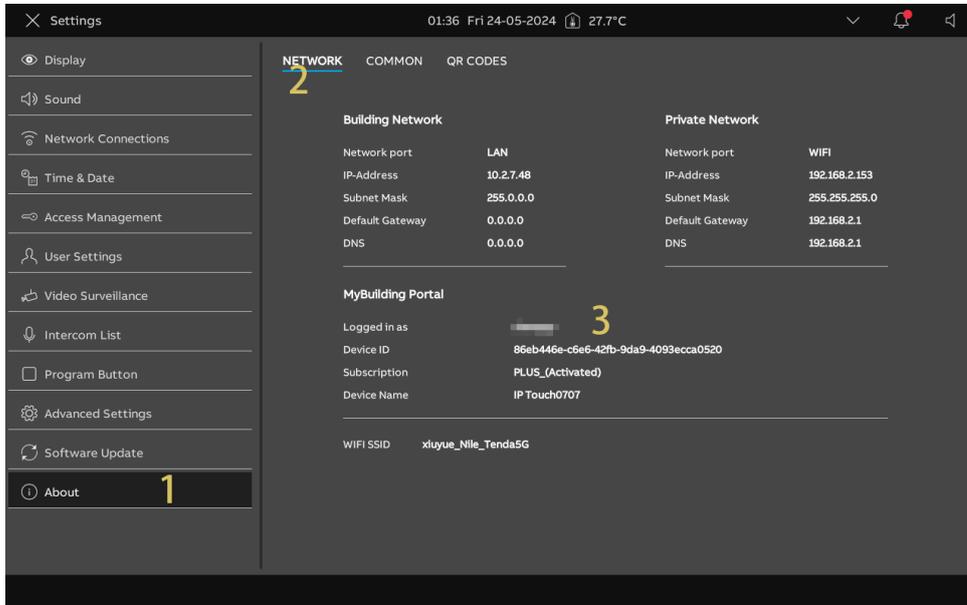
- [1] On the "Settings" screen, tap "About".
- [2] Tap "Network".
- [3] "Building Network" data and "Private Network" data will be displayed on the screen.



Viewing the status of MyBuildings portal

Please follow the steps below:

- [1] On the "Settings" screen, tap "About".
- [2] Tap "Network".
- [3] "MyBuildings Portal" data will be displayed on the screen.



Viewing the basic information

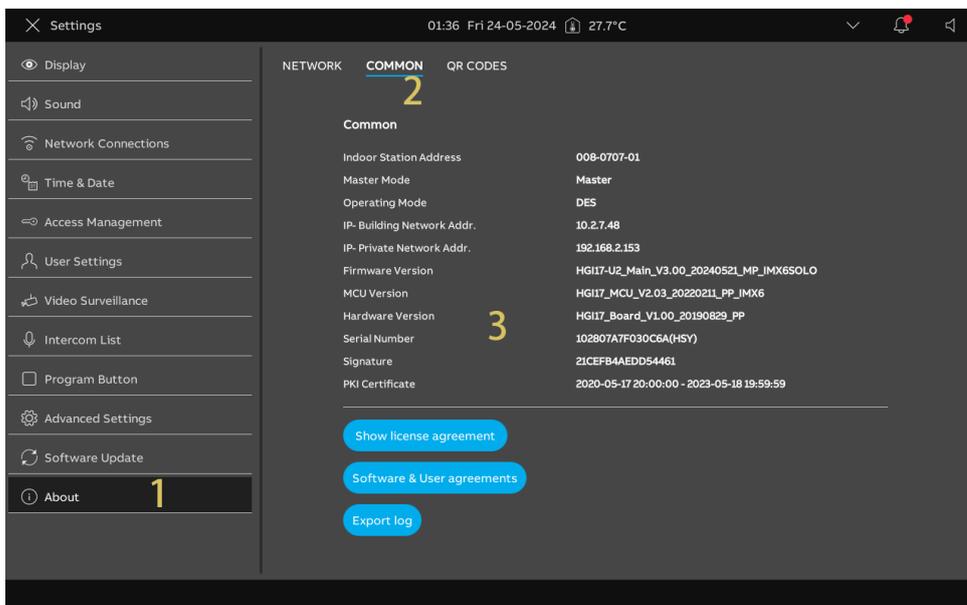
Please follow the steps below:

[1] On the "Settings" screen, tap "About".

[2] Tap "Common".

[3] The following basic information will be displayed on the screen.

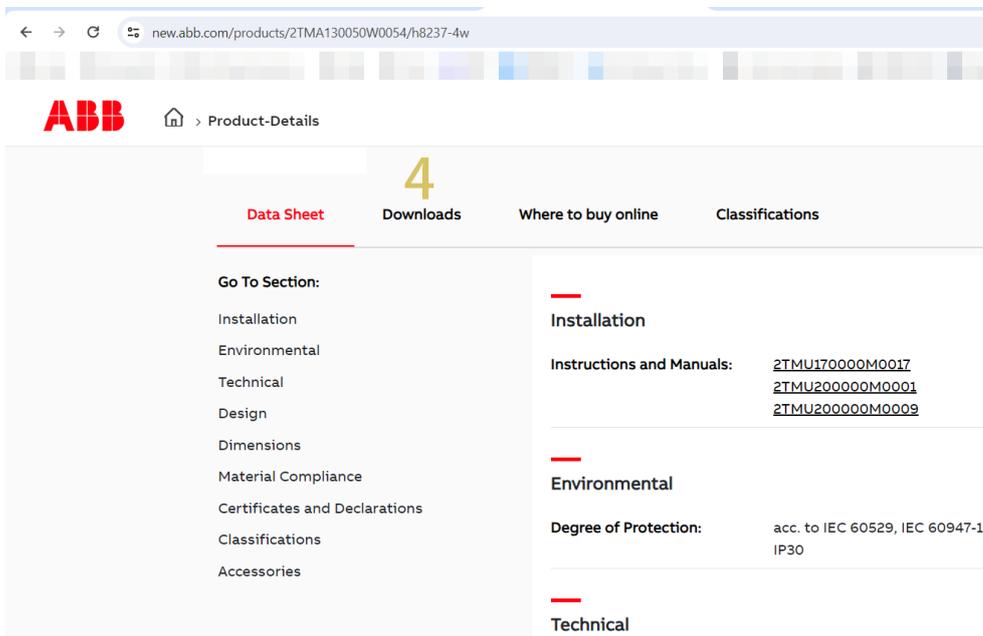
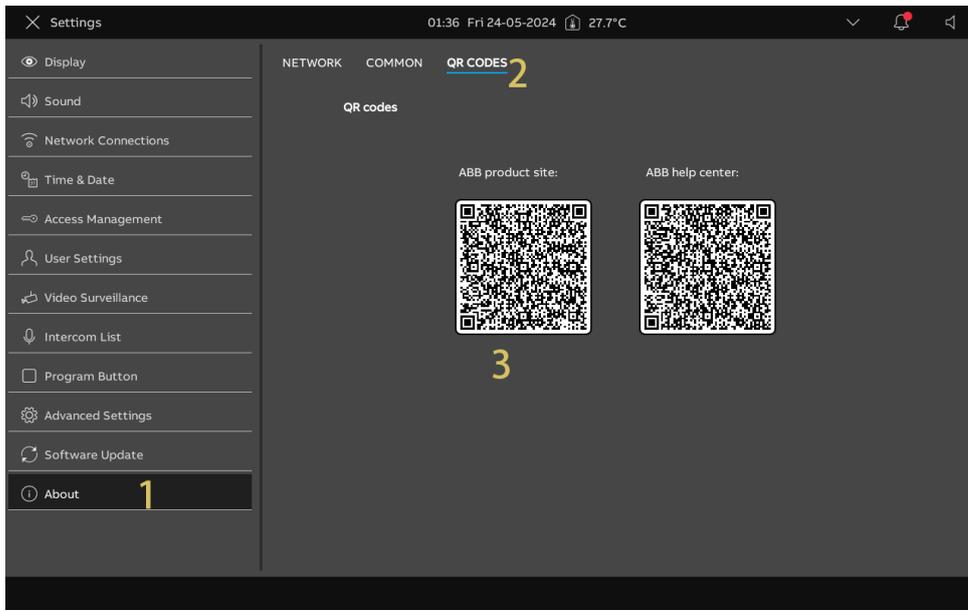
- Physical address
- Master mode
- Operating mode
- Community network address & private network address
- Firmware version & hardware version
- Serial number
- Signature
- Licence agreement
- Export the log and send it to the designated engineer if the panel is operating abnormally (ensure an SD card has been inserted first).



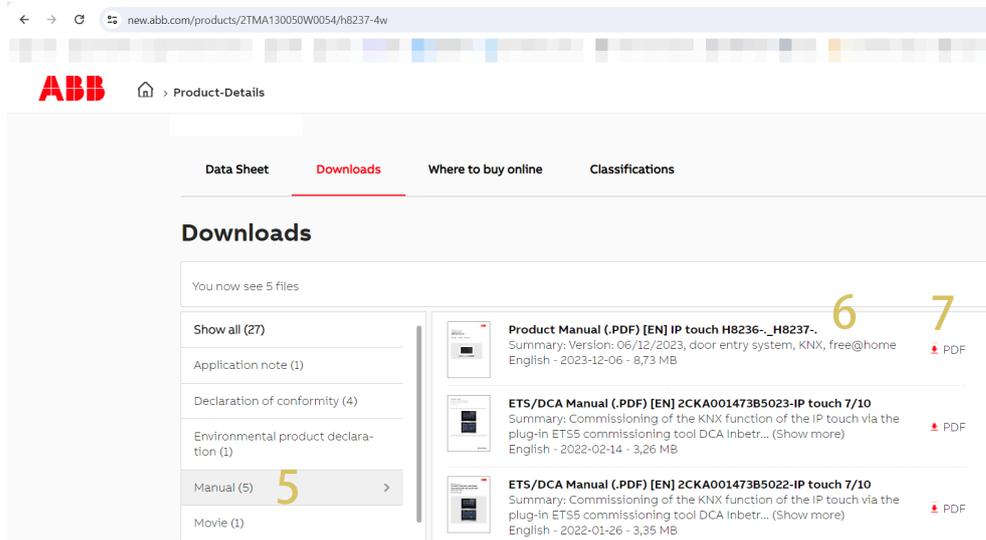
Obtaining the product manual

Please follow the steps below:

- [1] On the "Settings" screen, tap "About".
- [2] Tap "QR Codes".
- [3] Scan the QR code on the left to access the website of this panel.
- [4] Click "Downloads".



- [5] Click "Manual".
- [6] Find the designated product manual.
- [7] Click " " to download the PDF file.



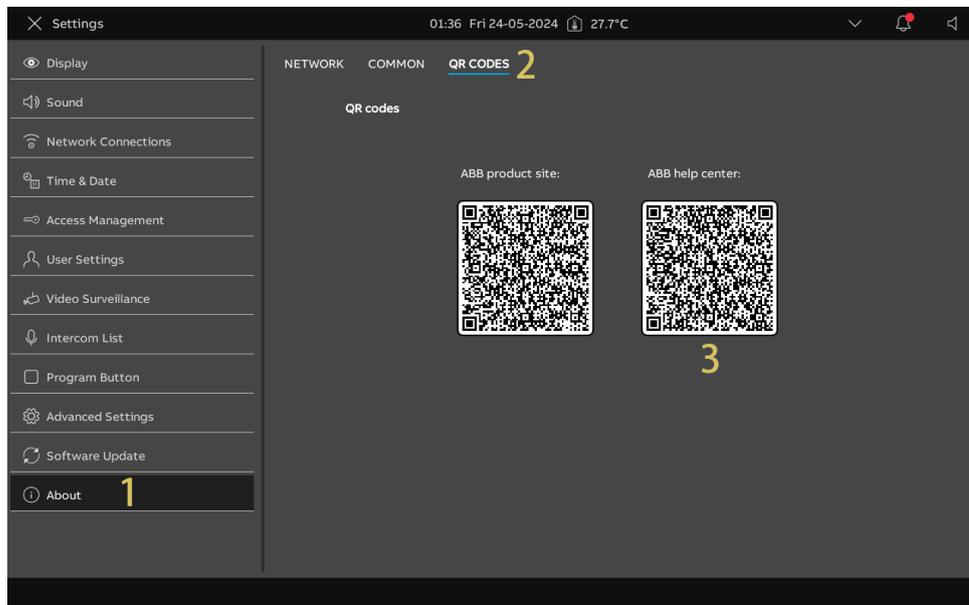
Accessing the help centre

Please follow the steps below:

[1] On the "Settings" screen, tap "About".

[2] Tap "QR Codes".

[3] Scan the QR code on the right to access the website for the help centre.

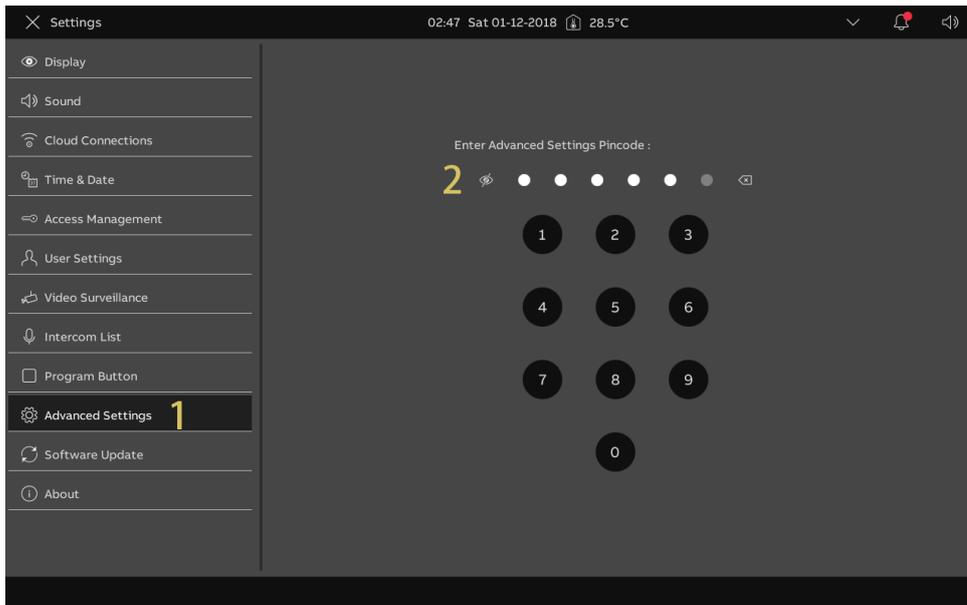


8.4 Advanced settings

8.4.1 Accessing the "Advanced settings" screen

Please follow the steps below:

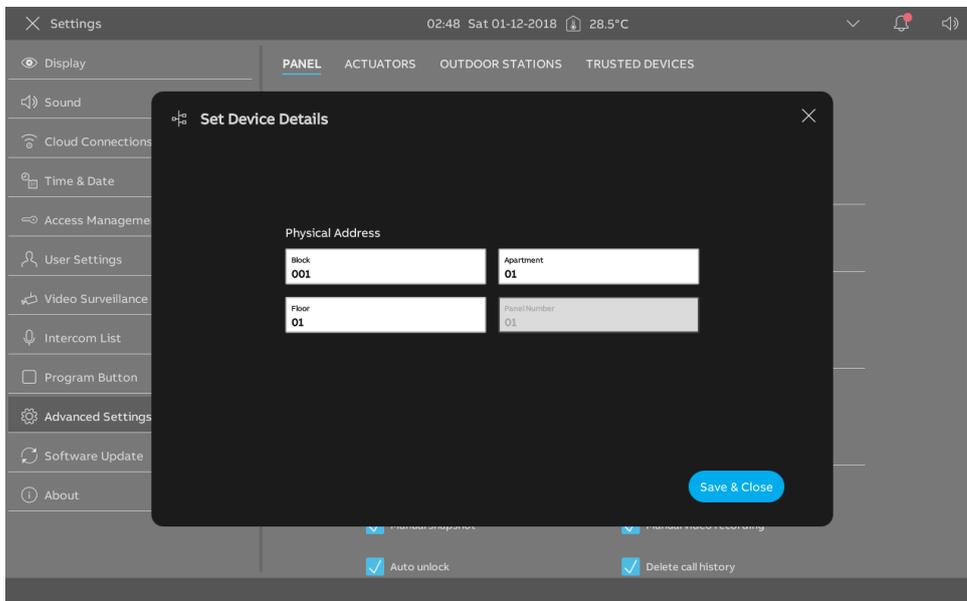
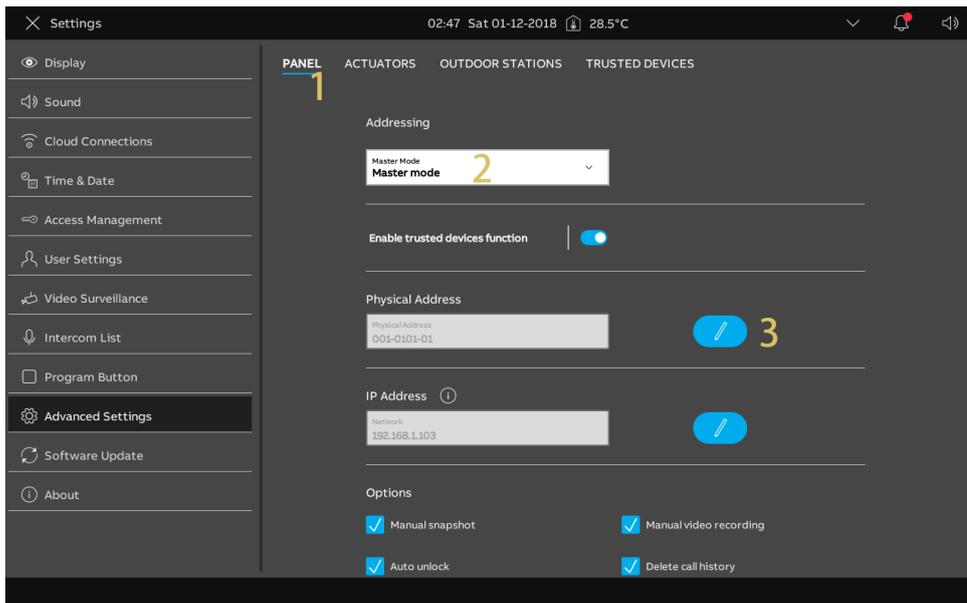
- [1] On the "Settings" screen, tap "Advanced Settings".
- [2] Enter the advanced password (The system default advanced password is 345678). The user must change this when accessing the advanced settings for the first time.



8.4.2 Configuring the physical address

Please follow the steps below:

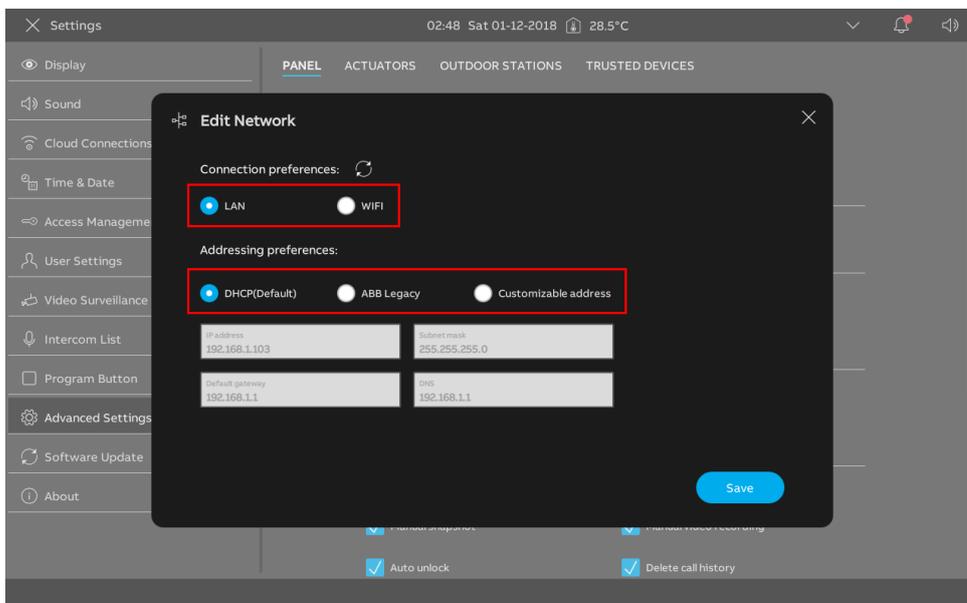
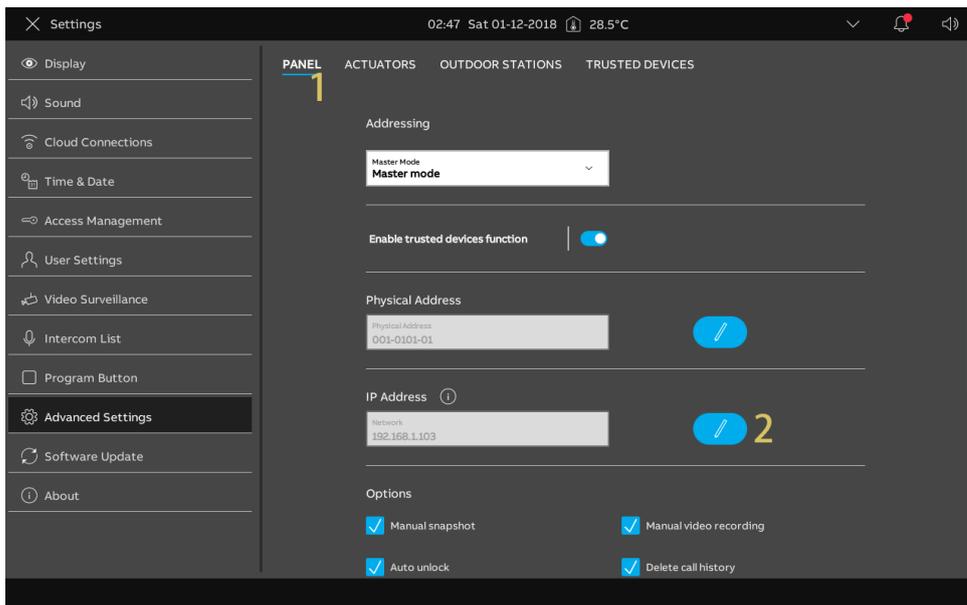
- [1] On the "Advanced Settings" screen, tap "Panel".
- [2] Select the device mode from the drop-down list. It can be set to "Master mode" or "Subsidiary mode".
 - Only one panel can be set to "Master mode" in the same apartment.
- [3] Go to "Physical Address" section, tap "✎" to set the physical address.



8.4.3 Configuring the IP address

Please follow the steps below:

- [1] On the "Advanced Settings" screen, tap "Panel".
- [2] Go to "IP Address" section, tap "✎" to configure the IP Address.
 - Select the connection type, it can be set to "LAN" or "WiFi".
 - Select the network type, it can set to "DHCP", "Customizable address" or "ABB Legacy".
 - If "ABB Legacy" is selected, IP address will be "10.0.x.x".
 - Tap "Save" to save the changing.



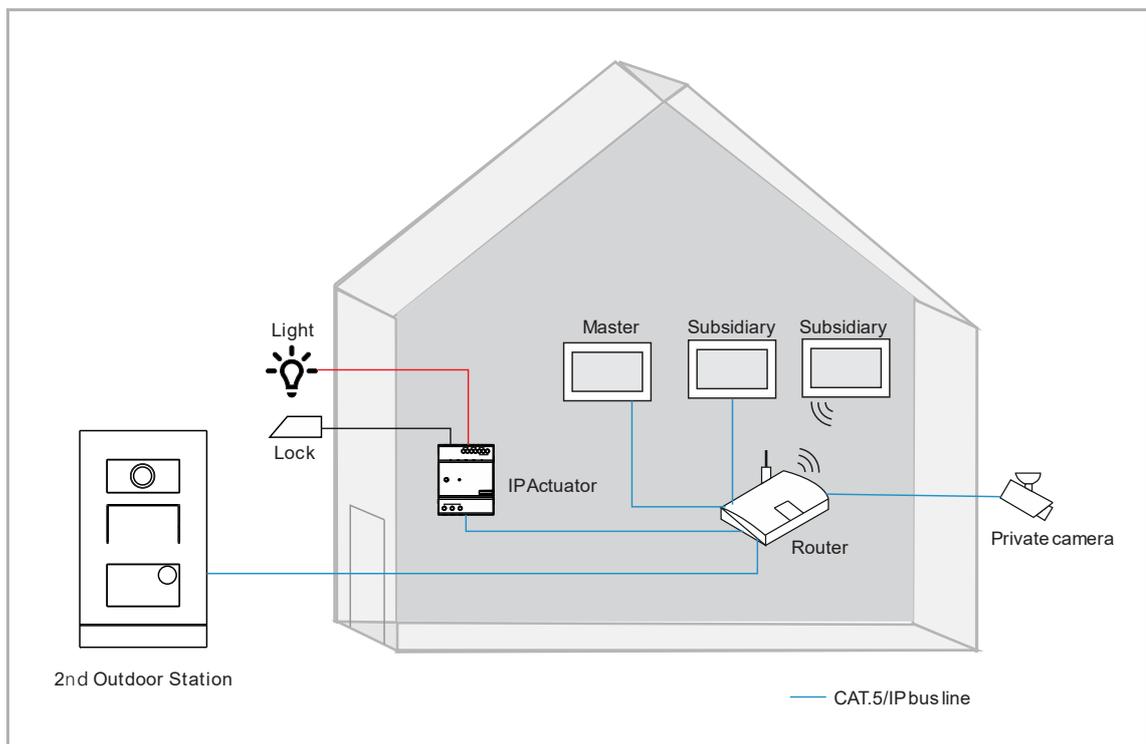
8.4.4 Configuring the trusted devices

This function applies to single family house application.

The master panel 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 the IP pushbutton outdoor station and mini Outdoor Station can be supported in this case.

Only the master panel can carry out this function.

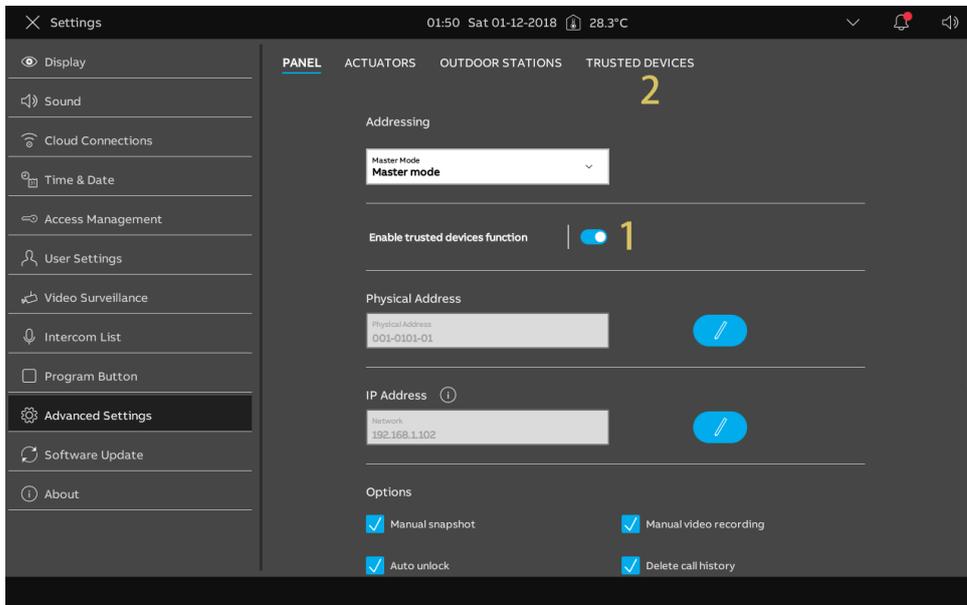
It is recommended that all devices except the master panel are restored to factory default settings. Please see the details in the system manual.



Enabling the trusted function

Please follow the steps below:

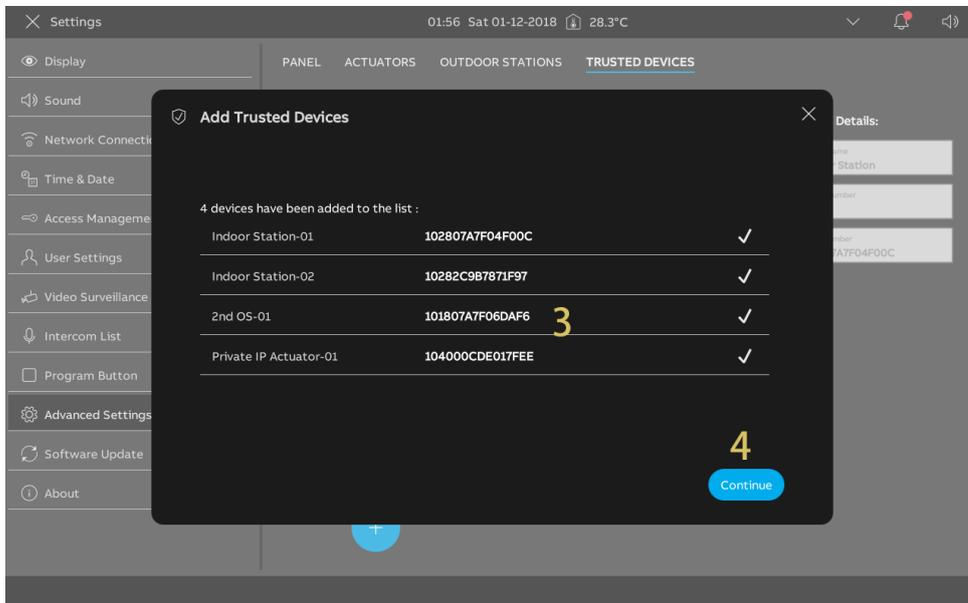
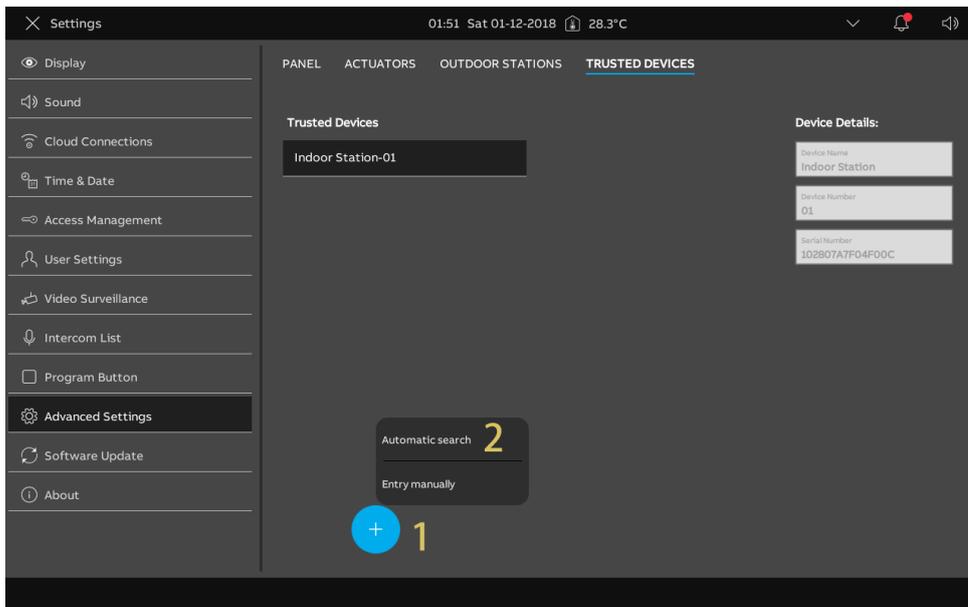
- [1] On the "Advanced Settings" screen, ensure "Enable trusted devices function" is enabled. The function will be enabled if you select "Configuration without SmartAP" in the wizard setup.
- [2] "Trusted devices" will be displayed.



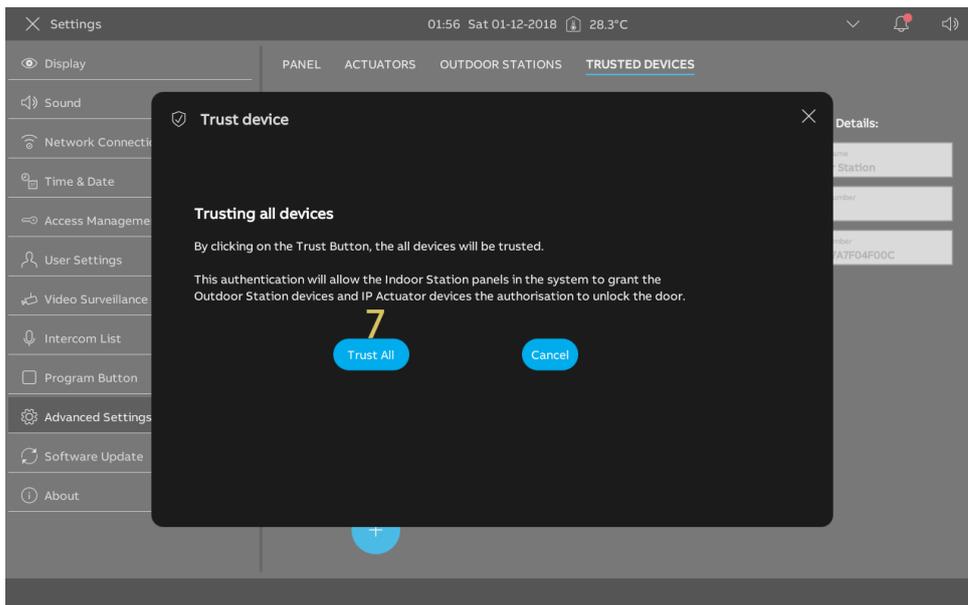
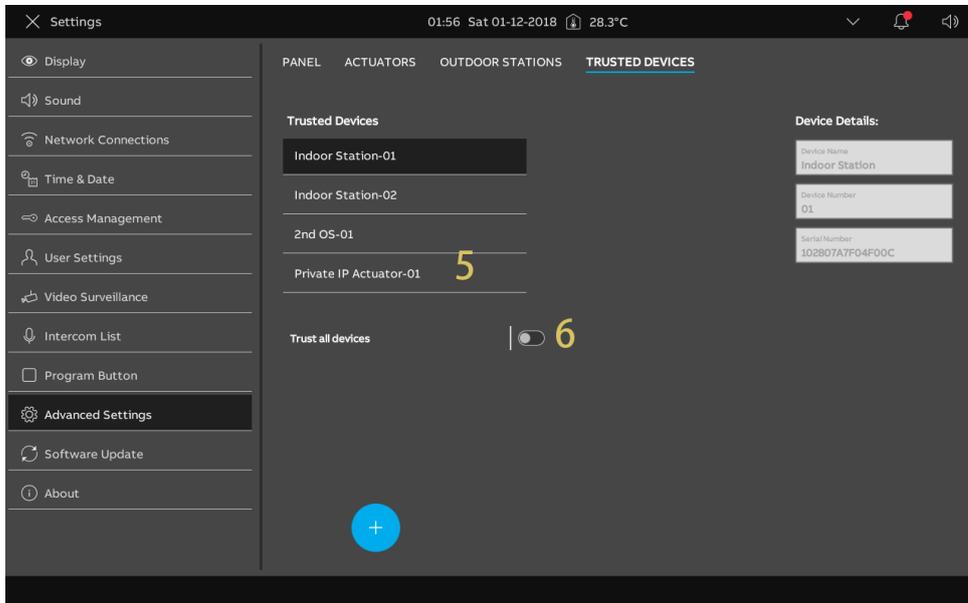
Adding devices via automatic search

Please follow the steps below:

- [1] On the "Trusted Devices" screen, tap " + " .
- [2] Select "Automatic search".
- [3] The devices on the same home network will be displayed on the list.
- [4] Tap "Continue".



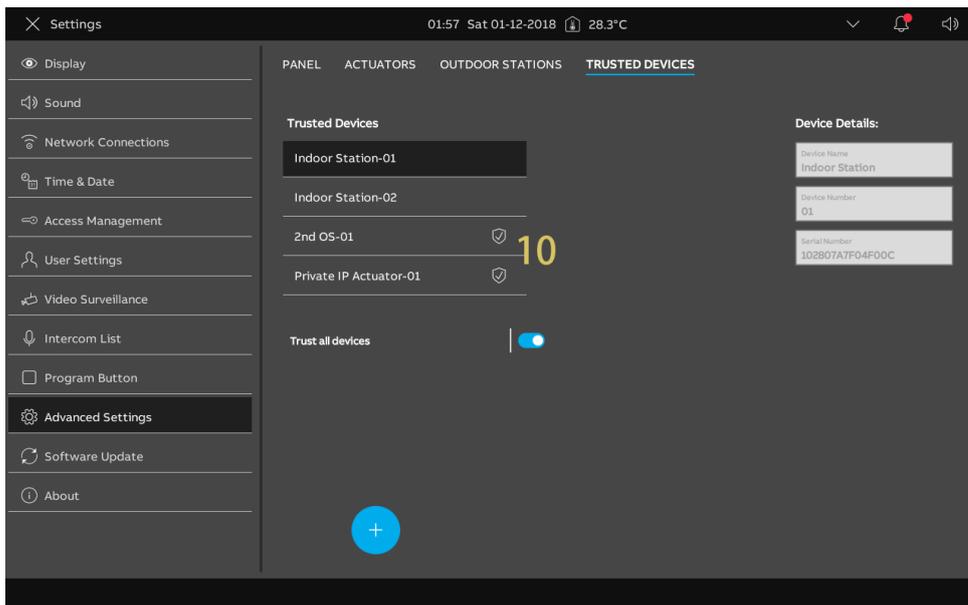
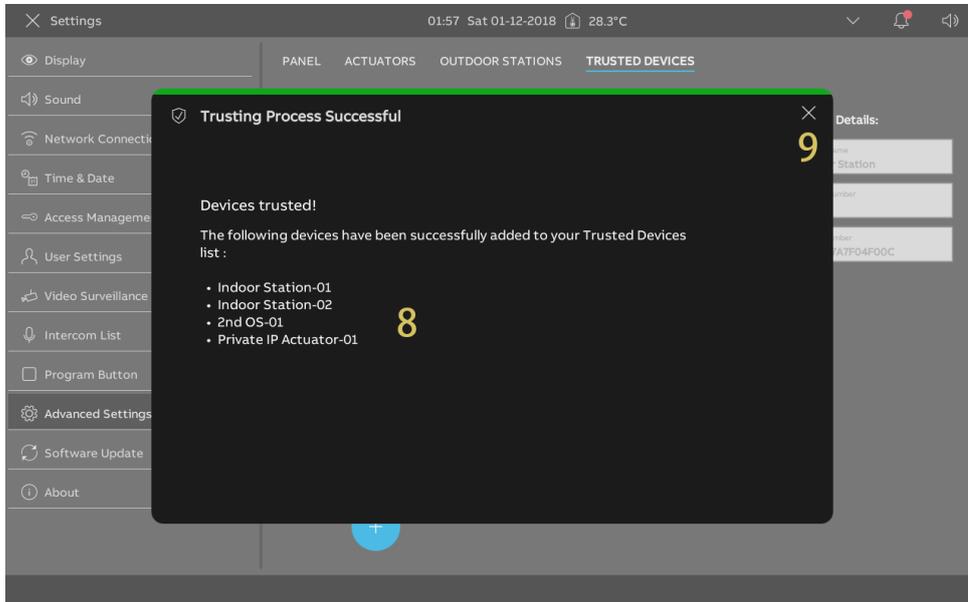
- [5] All the devices will be displayed on the screen.
- [6] If the new devices found in the automatic searching contain the 2nd OS or the Private IP Actuator, you need to tap "Trust all devices" to trust these devices.
- [7] In the pop-up window, tap "Trust All".



[8] The trusted devices will be displayed in the pop-up window.

[9] Tap "x" to close the window.

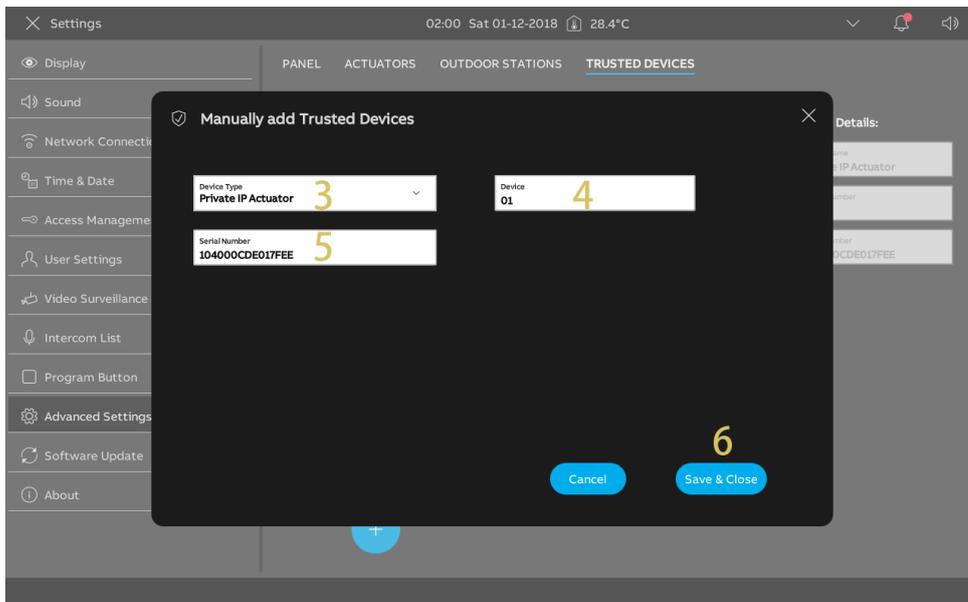
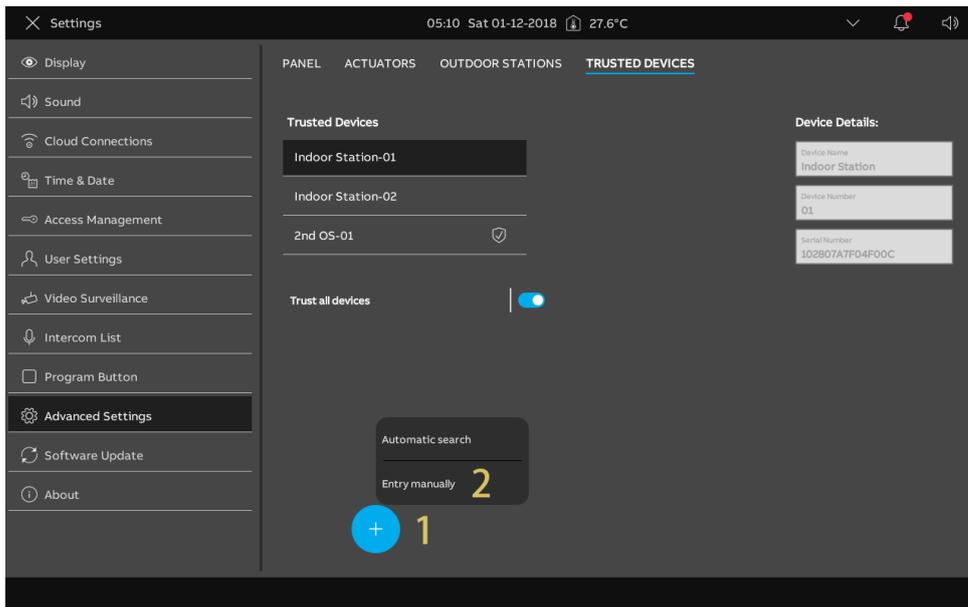
[10]  will be displayed on the right to indicate the 2nd Outdoor Station or IP Actuator.



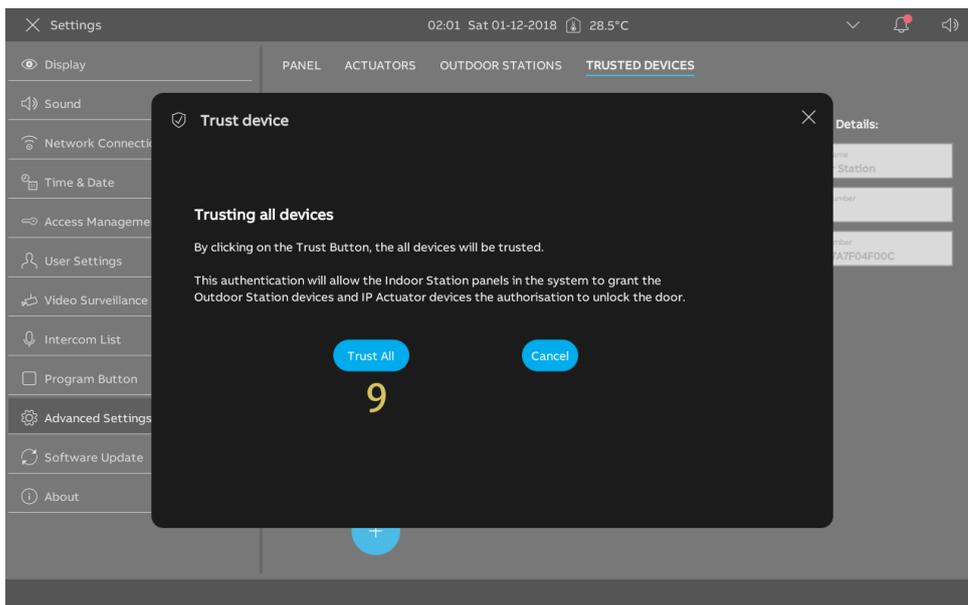
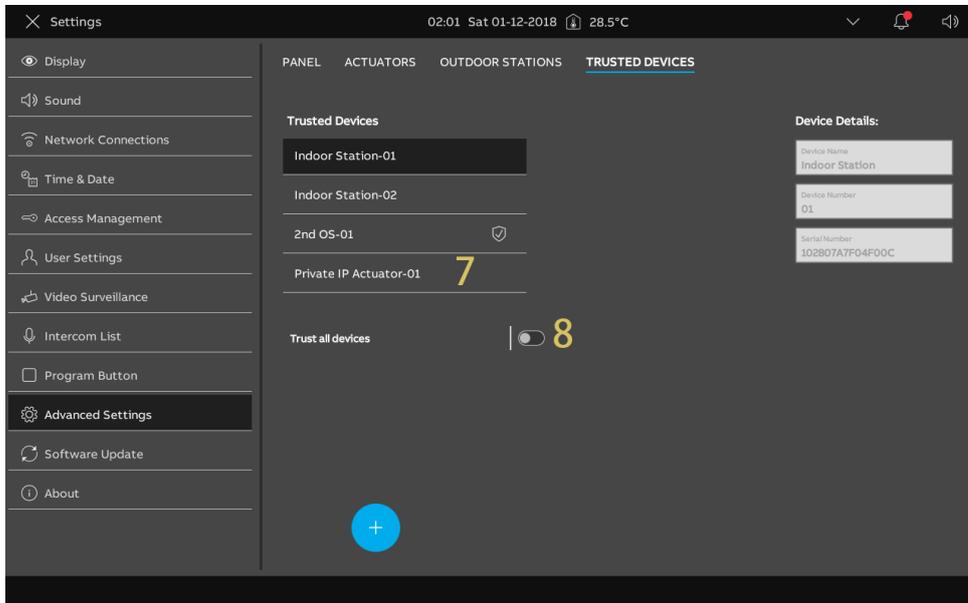
Adding the device manually

Please follow the steps below:

- [1] On the "Trusted Devices" screen, tap " + " .
- [2] Select "Entry manually".
- [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] Enter the serial number.
- [6] Tap "Save & Close".



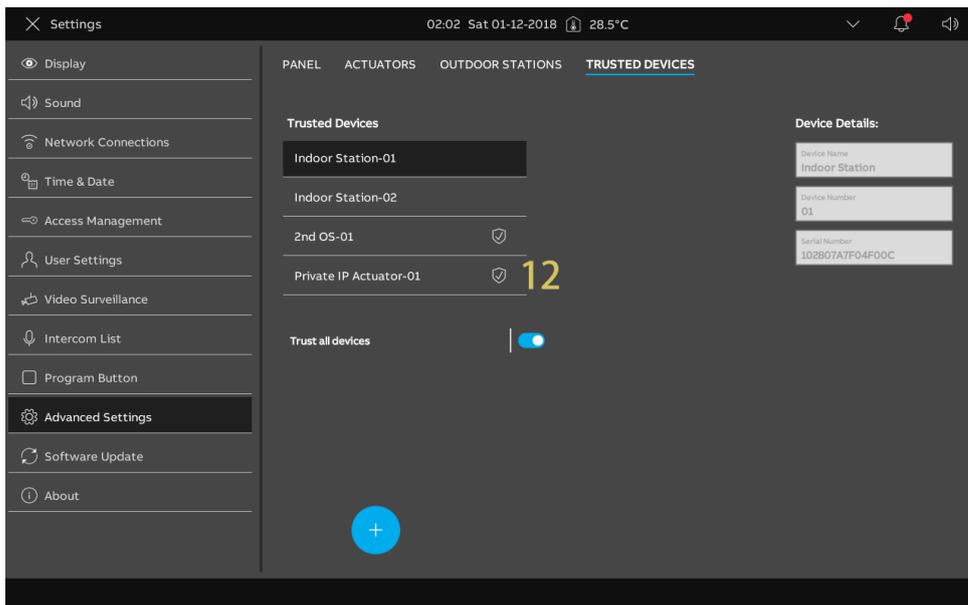
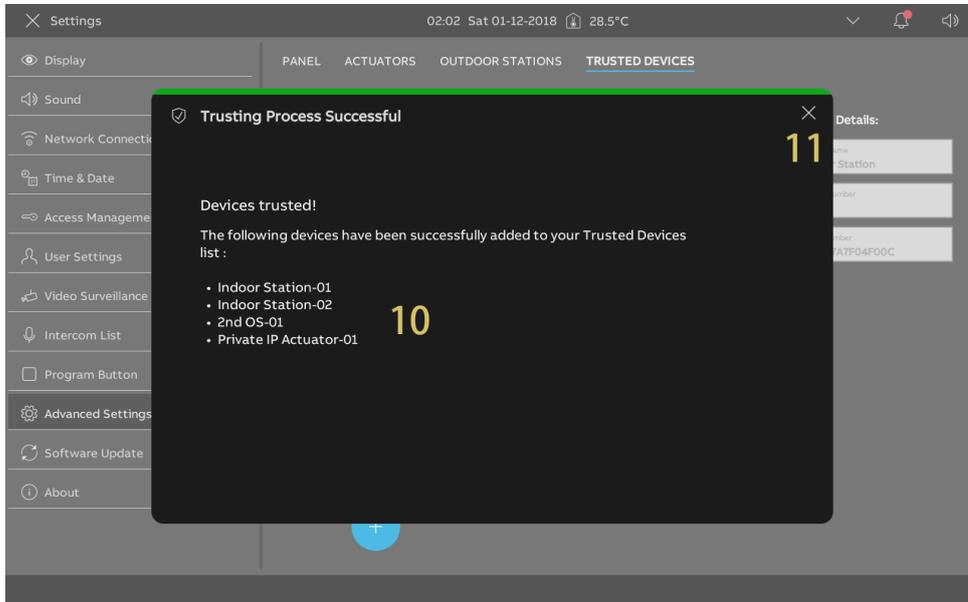
- [7] The designated device has been added to the list.
- [8] If the new device belongs to the 2nd OS or the Private IP Actuator, you need to tap "Trust all devices" to trust this device.
- [9] In the pop-up window, tap "Trust All".



[10] The trusted devices will be displayed in the pop-up window.

[11] Tap "x" to close the window.

[12]  will be displayed on the right to indicate the 2nd Outdoor Station or IP Actuator.

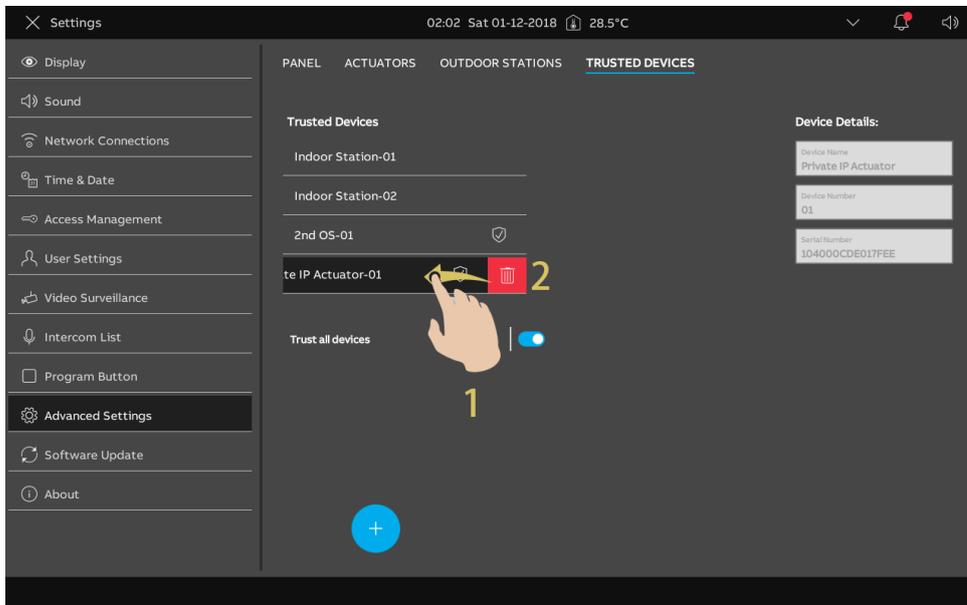


Removing the trusted device

Please follow the steps below:

[1] On the "Trusted Devices" screen, swipe the relevant device to the left.

[2] Tap "  " to remove the device.

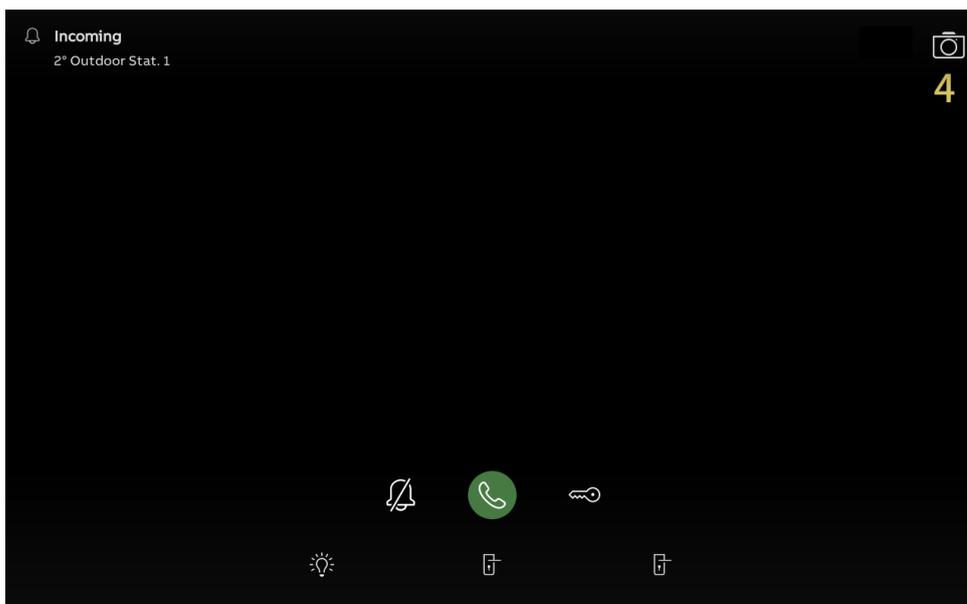
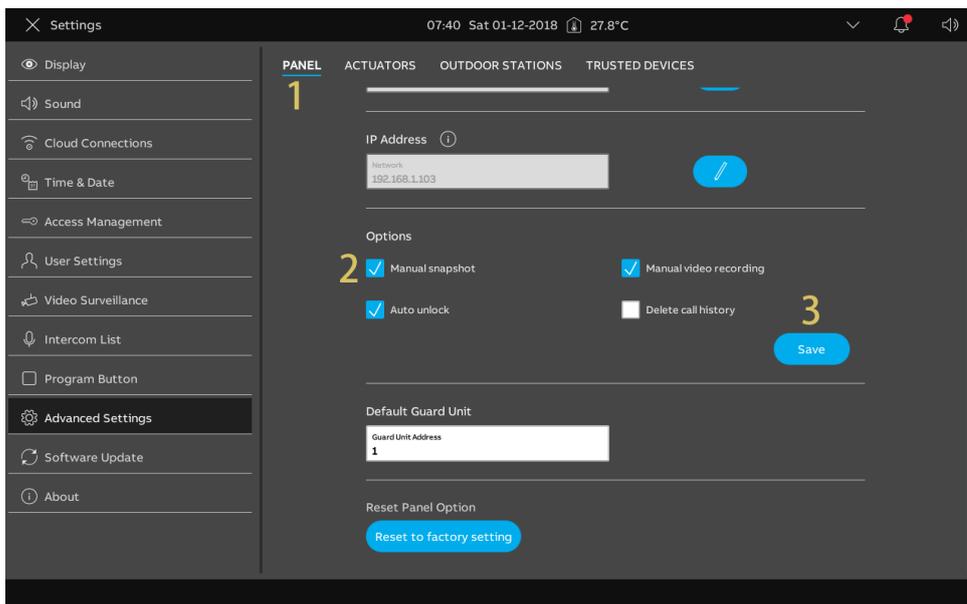


8.4.5 Configuring the "Manual snapshot" function

If this function is enabled, you can take snapshots during door communication.

Please follow the steps below:

- [1] On the "Advanced Settings" screen, tap "Panel".
- [2] Go to the "Options" section, tick the check box to enable the function.
- [3] Tap "Save".
- [4] After the setting, "  " will be displayed on the door communication screen. You can tap the icon to take snapshots as you need. A maximum of 3 snapshots can be taken for each door communication.

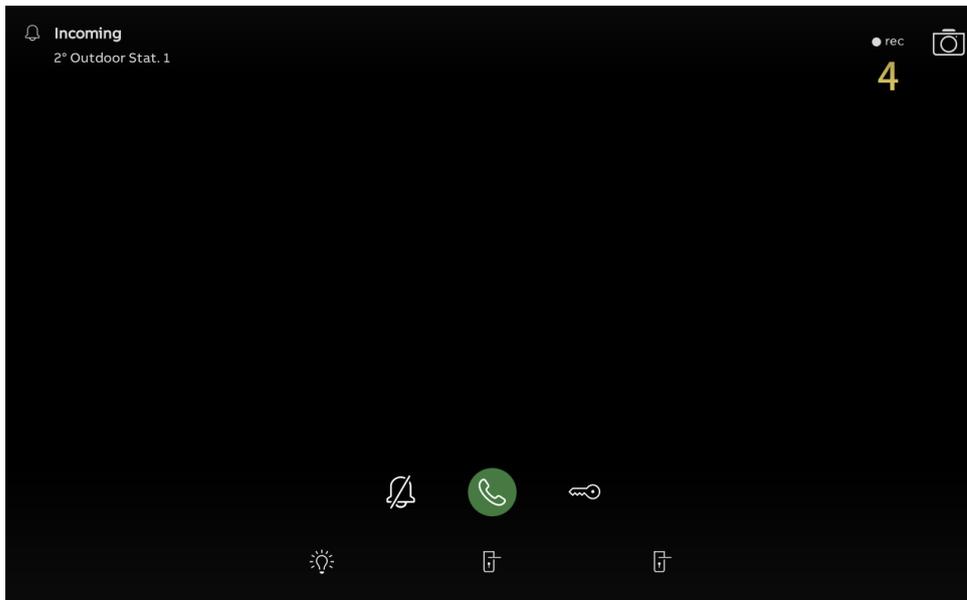
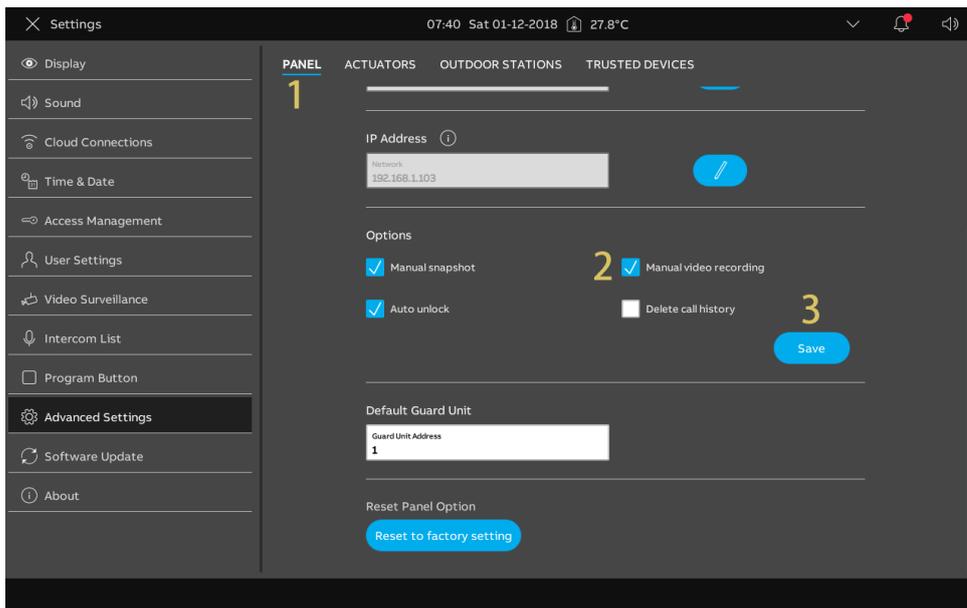


8.4.6 Configuring the "Manual video recording" function

If this function is enabled, you can record a video during door communication.

Please follow the steps below:

- [1] On the "Advanced Settings" screen, tap "Panel".
- [2] Go to the "Options" section, tick the check box to enable the function.
- [3] Tap "Save".
- [4] After the setting, "●rec" will be displayed on the door communication screen. You can tap this icon to start record a video. Maximum 120 seconds video can be recorded for each call.



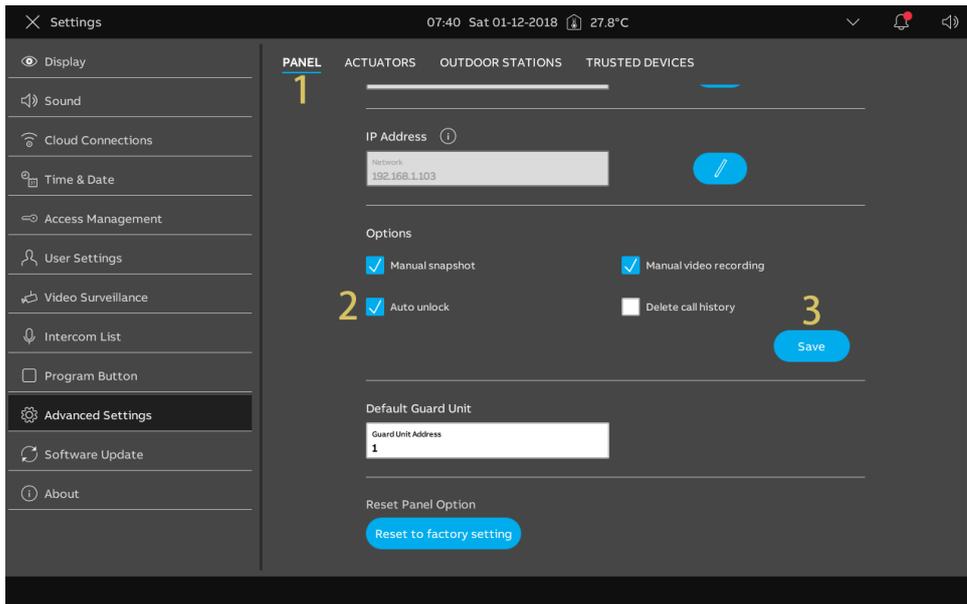
8.4.7 Configuring the "Auto unlock" function

If this function is enabled, the panel will release the lock on the Outdoor Station automatically after 5 seconds during an incoming call.

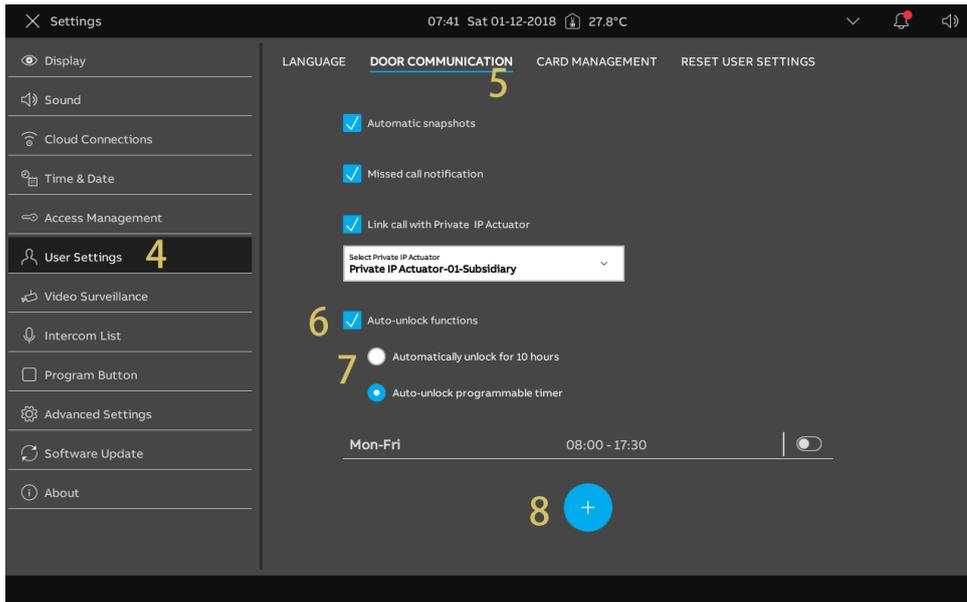
This function can only be set on the "Master mode" panel.

Please follow the steps below:

- [1] On the "Advanced Settings" screen, tap "Panel".
- [2] Go to the "Options" section, tick the check box to enable the function.
- [3] Tap "Save".



- [4] On the "Settings" screen, tap "User Settings".
- [5] Tap "Door Communication".
- [6] Tick the check box to enable the function.
- [7] Select the unlock mode.
 - Automatically unlock = automatically unlock at any time, skip the subsequent steps.
 - Auto-unlock programmable timer = automatically unlock at the specific time, continue from step 8.
- [8] If "Auto-unlock programmable time" is selected, tap " + ".



[9] Set "Start Time" and "End Time".

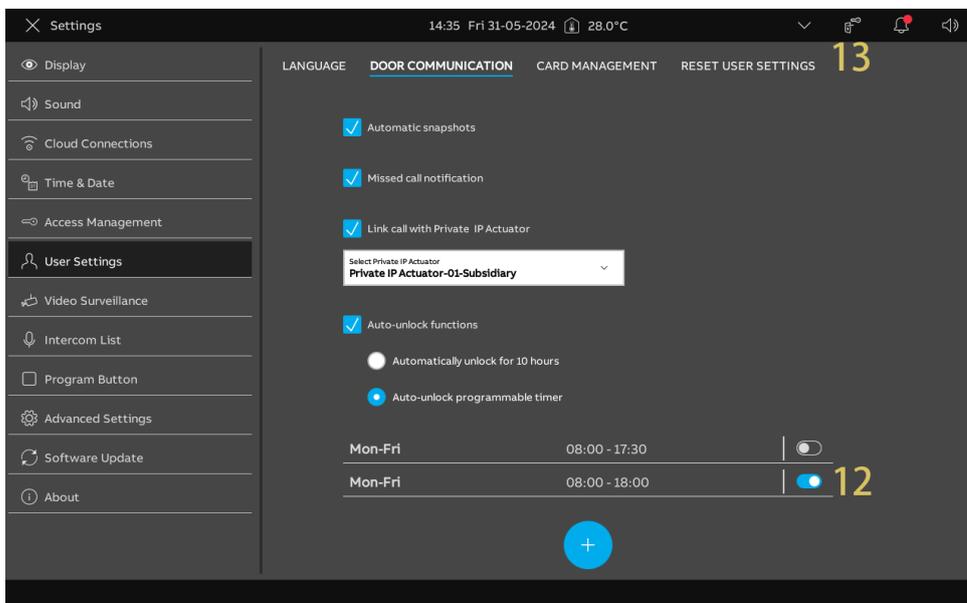
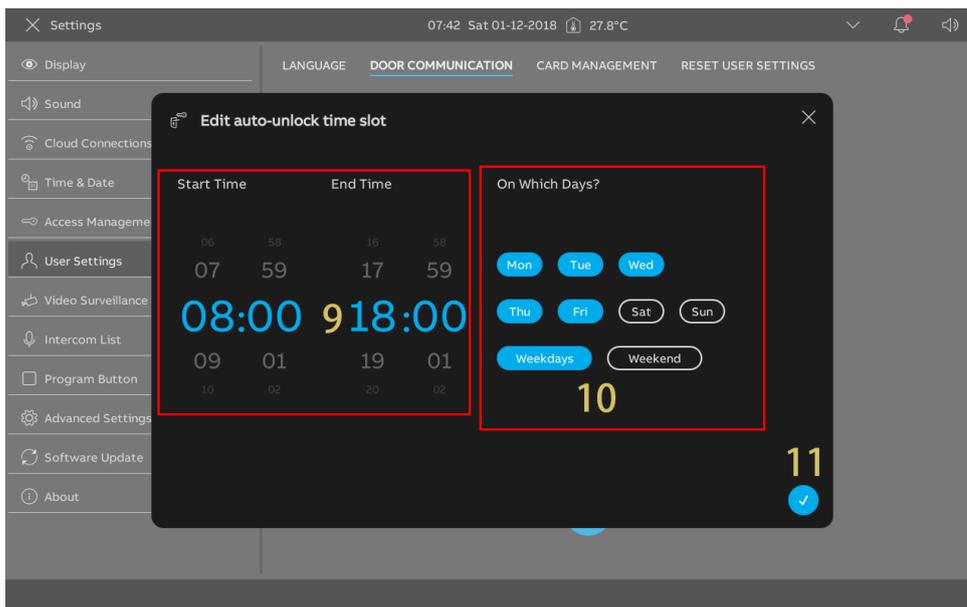
[10] Select the designated days.

- Tap the designated day to select it or invert the selection.
- Tap "Weekdays" to select 5 working days together.
- Tap "Weekend" to select "Saturday" and "Sunday" together.

[11] Tap "✓" to complete the setting.

[12] Ensure the function is enabled.

[13] "🔒" will be displayed on the status bar if the function is activated.

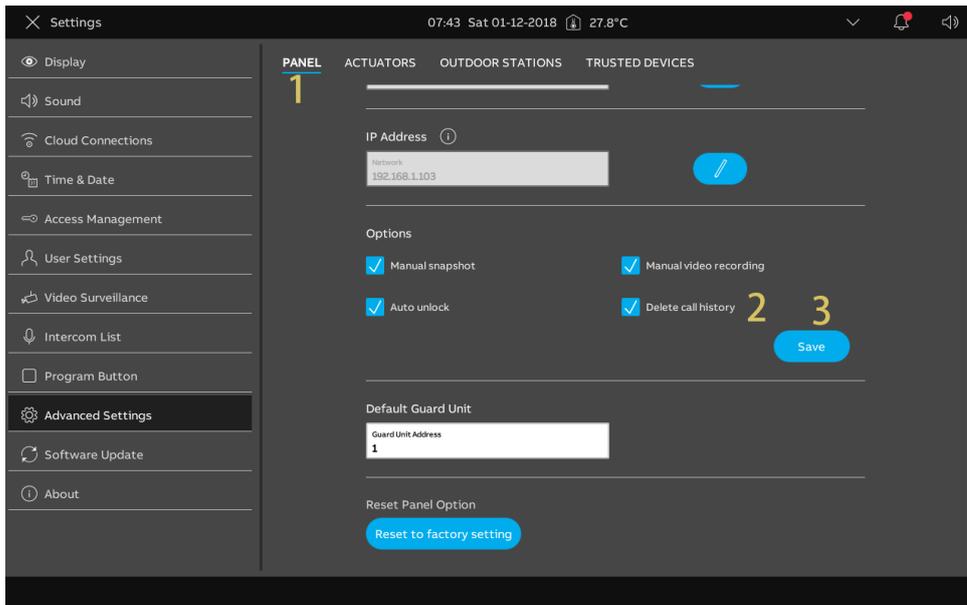


8.4.8 Configuring the "Delete call history" function

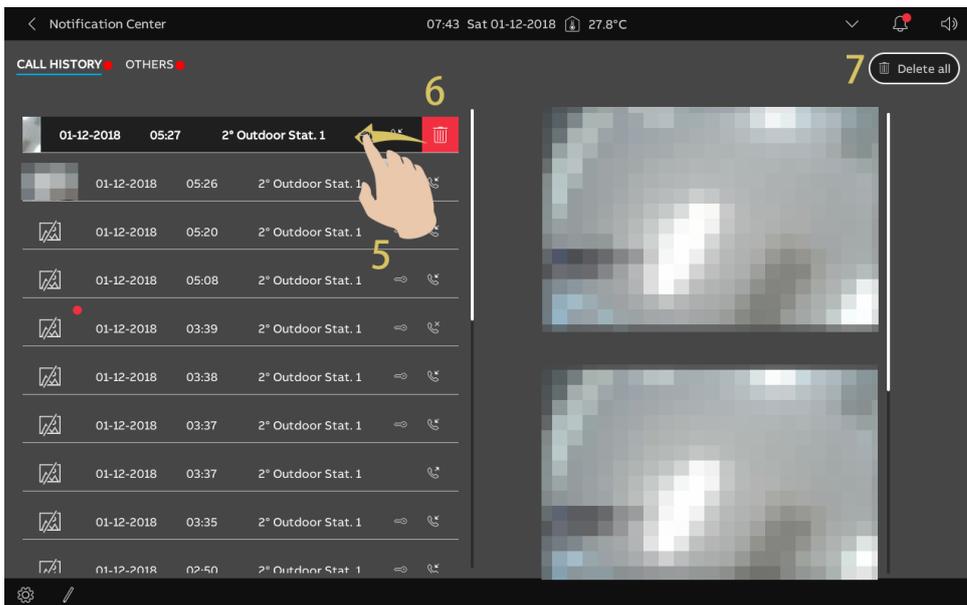
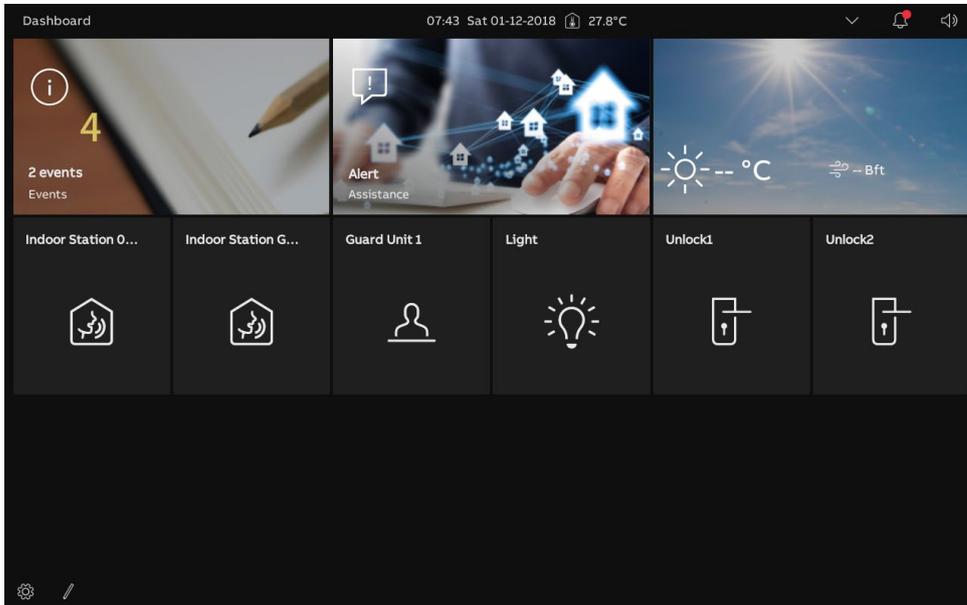
Call history records cannot be removed by default.

Please follow the steps below:

- [1] On the "Advanced Settings" screen, tap "Panel".
- [2] Go to the "Options" section, tick the check box to enable the function.
- [3] Tap "Save".



- [4] On the dashboard, tap the "Events" module.
- [5] On the "Notification Center" screen, swipe the relevant record to the left.
- [6] Tap "Delete" to remove the record.
- [7] Tap "Delete all" to remove all the history records.

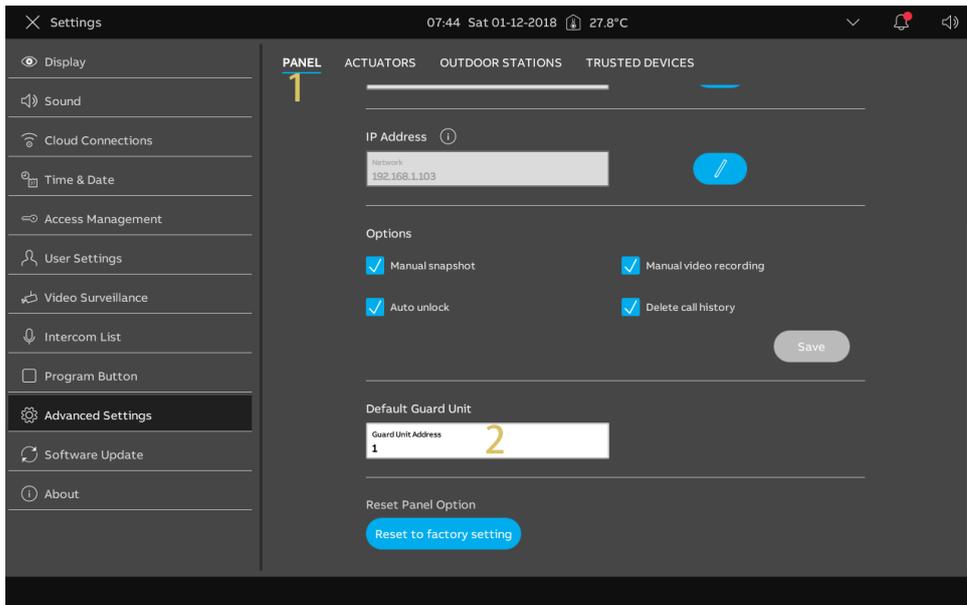


8.4.9 Configuring the address of default Guard Unit

Please follow the steps below:

- [1] On the "Advanced Settings" screen, tap "Panel".
- [2] Go to the "Default Guard Unit" section, enter the address (1...32).

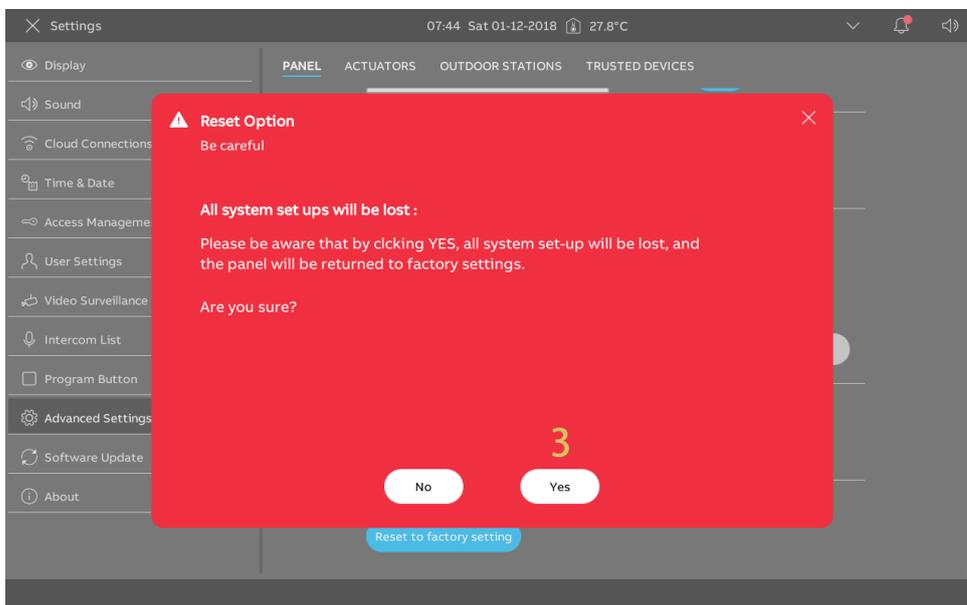
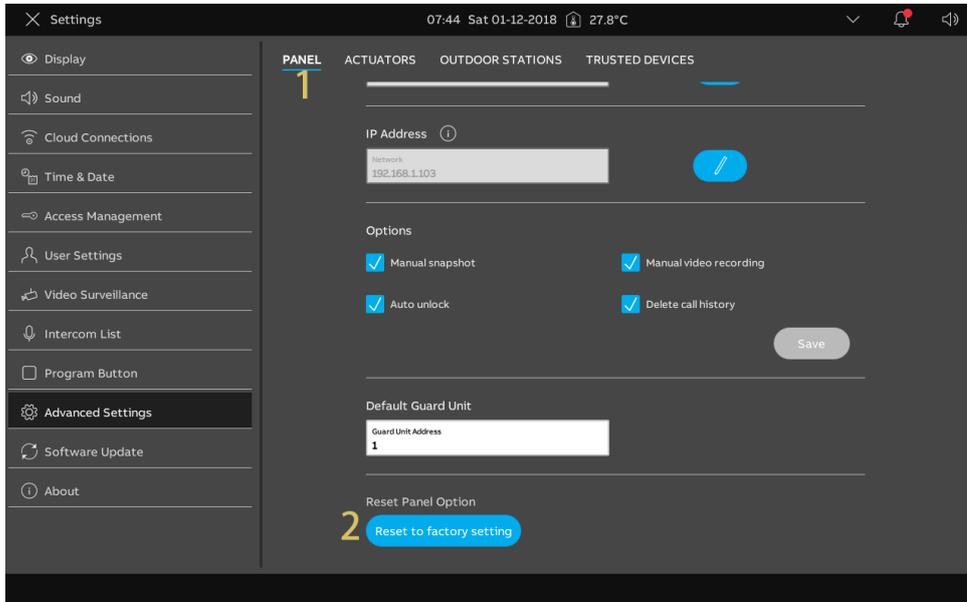
An SoS message will be sent to the default Guard Unit, SmartAP or APP if possible when it is triggered.



8.4.10 Restoring to factory default

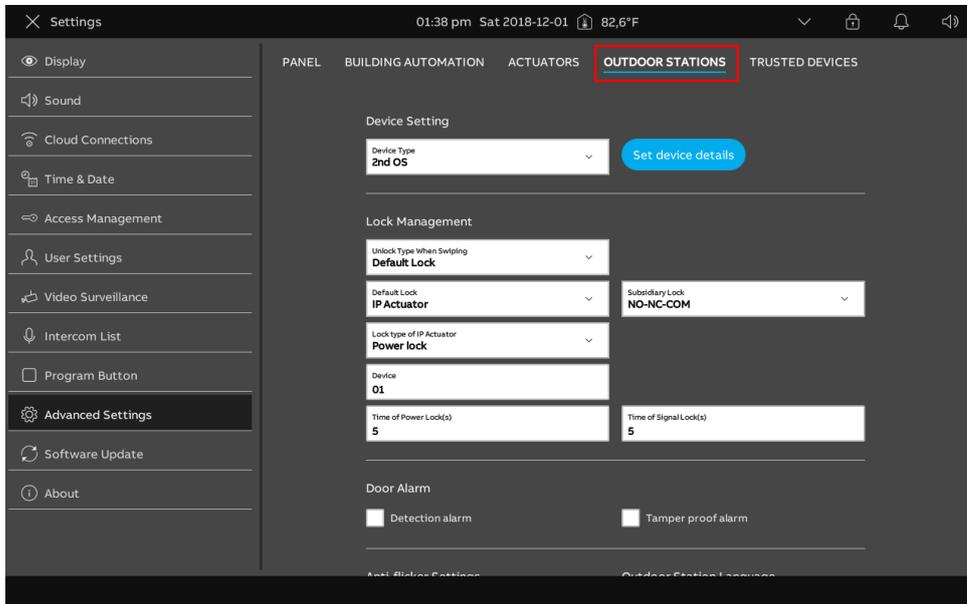
Please follow the steps below:

- [1] On the "Advanced Settings" screen, tap "Panel".
- [2] Go to the "Reset Panel Option" section, tap "Reset to factory setting".
- [3] Tap "Yes".



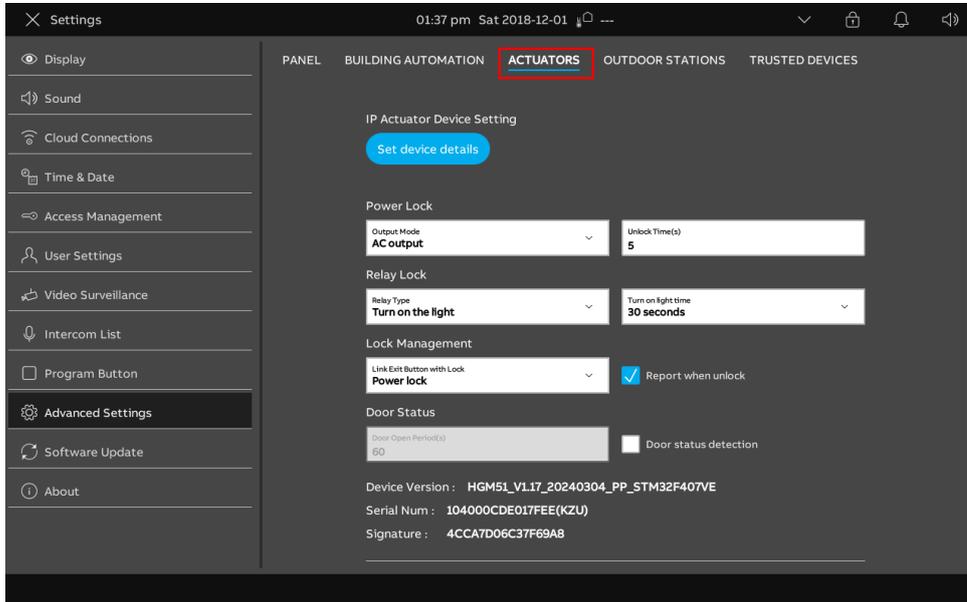
8.5 Configuring the Outdoor Station

The IP pushbutton Outdoor Station and mini Outdoor Station can be configured via this panel. Please see the product manual of the related Outdoor Station for more details.



8.6 Configuring the IP Actuator

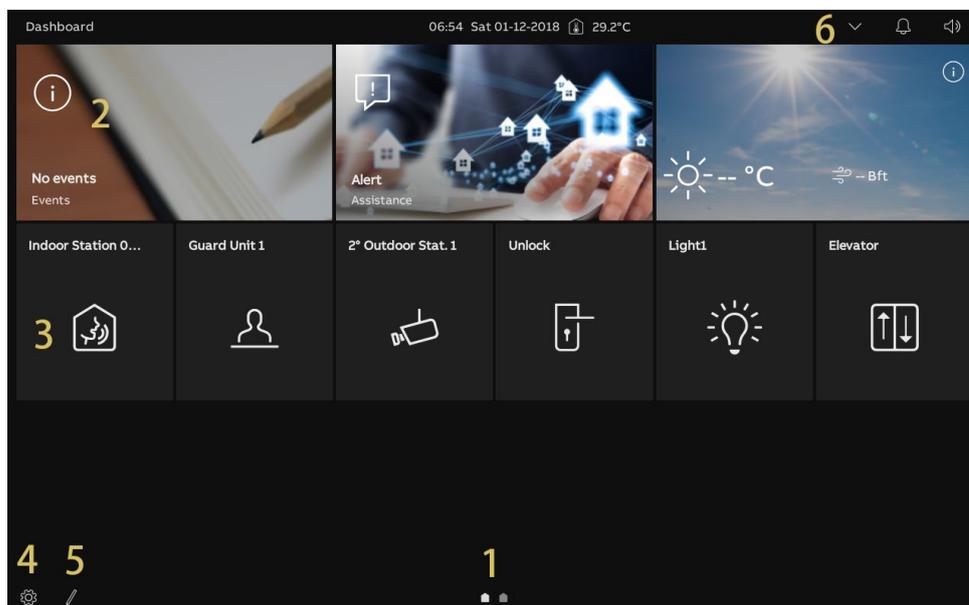
IP Actuator can be configured via this panel. Please see the product manual of IP Actuator for more details.



9 Operation

9.1 Dashboard

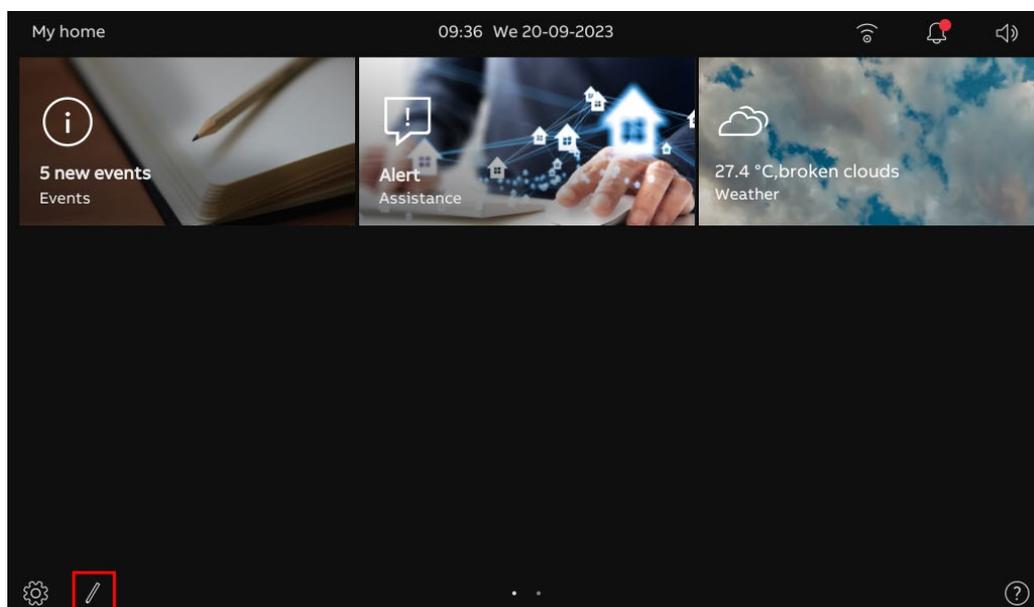
9.1.1 Dashboard overview



No.	Description
1	There are 2 screens available for use, the second screen is empty by default.
2	Some main functional modules are fixed at the top of the first screen. <ul style="list-style-type: none"> ▪ Events; this indicates if there is a new event, for instance, you are receiving a call, or you have a missed call. ▪ Alert; you can tap this to send an alarm request. ▪ Weather; this displays the current weather information.
3	Other controls for various sizes
4	Tap "  " to access the "Settings" screen.
5	Tap "  " to edit the dashboard.
6	<p>Status bar</p> <p>"  " = doorbell rings; "  " = "Auto Unlock" function is enabled.</p> <p>"  " = WiFi is available, "  " = WiFi is not available.</p> <p>"  " indicates missed calls; tap it to access the "Call History" screen.</p> <p>"  " indicates "Unmute" status; tap it to adjust the voice volume</p> <p>"  " indicates there is an abnormality in the network.</p>

9.1.2 Accessing the editing status

On the dashboard, tap “  ” to access the editing mode.



9.1.3 Creating a control for the camera

Precondition

Please configure a camera before this operation.

[1] Configuring Outdoor Station cameras.

- For more details, see chapter 8.3.18 “Configuring Outdoor Station cameras” on page 111.

[2] Configuring private cameras.

- For more details, see chapter 8.3.19 “Configuring private cameras” on page 114.

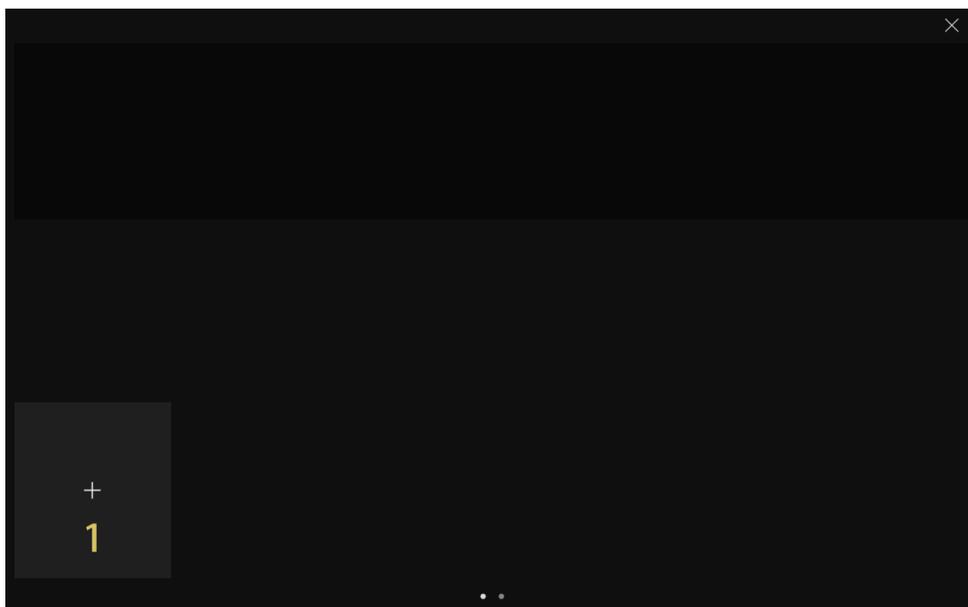
[3] Configuring public cameras.

- For more details, see chapter 8.3.20 “Configuring public cameras” on page 120.

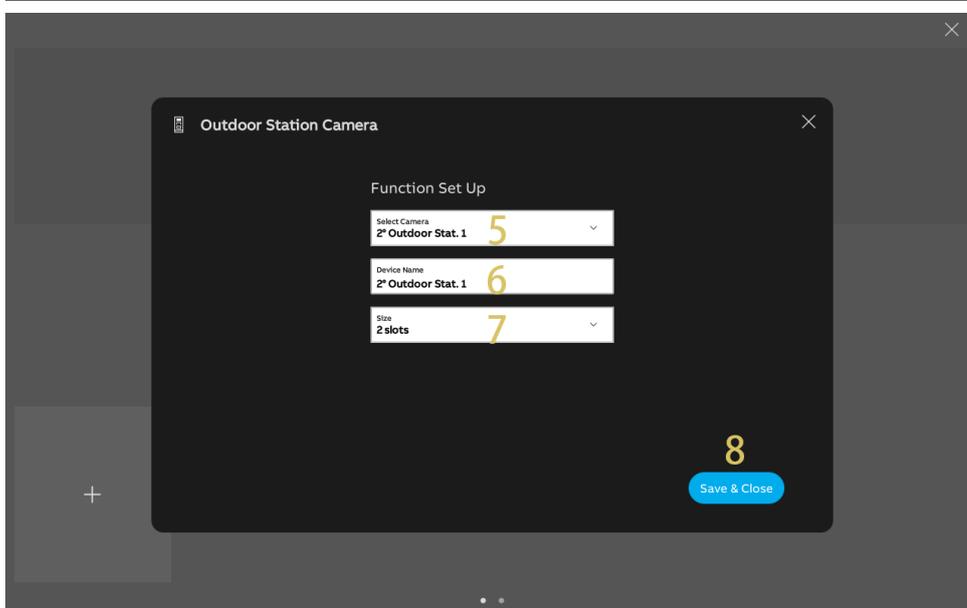
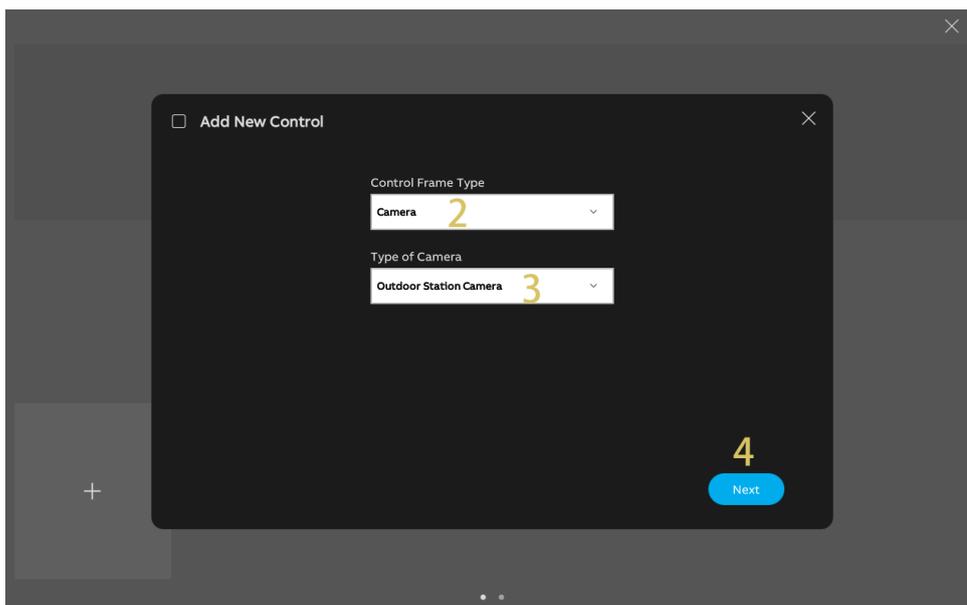
Operation

Please follow the steps below:

[1] Ensure the dashboard is in editing mode, tap a blank area of dashboard, then tap " + " to add a control.

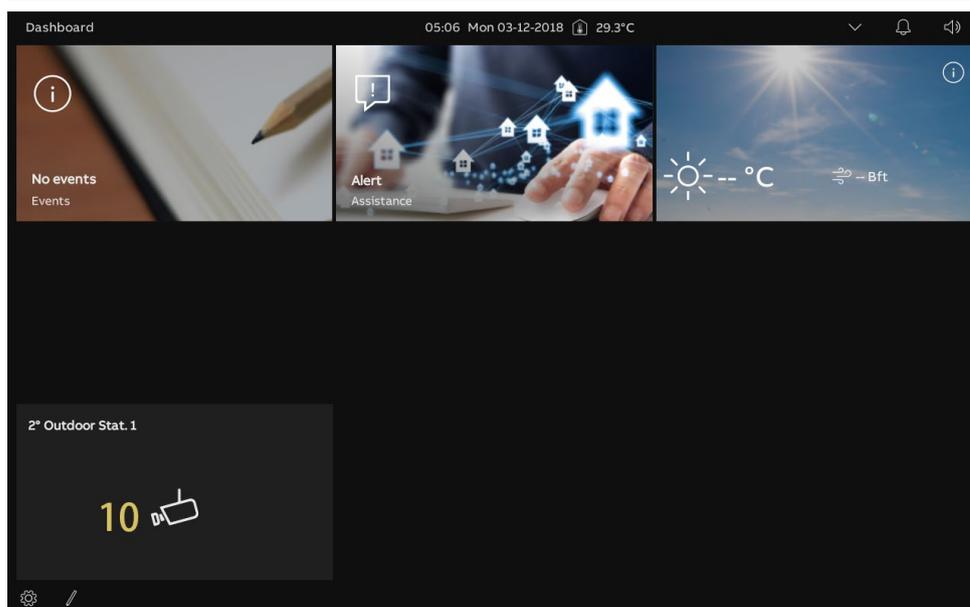
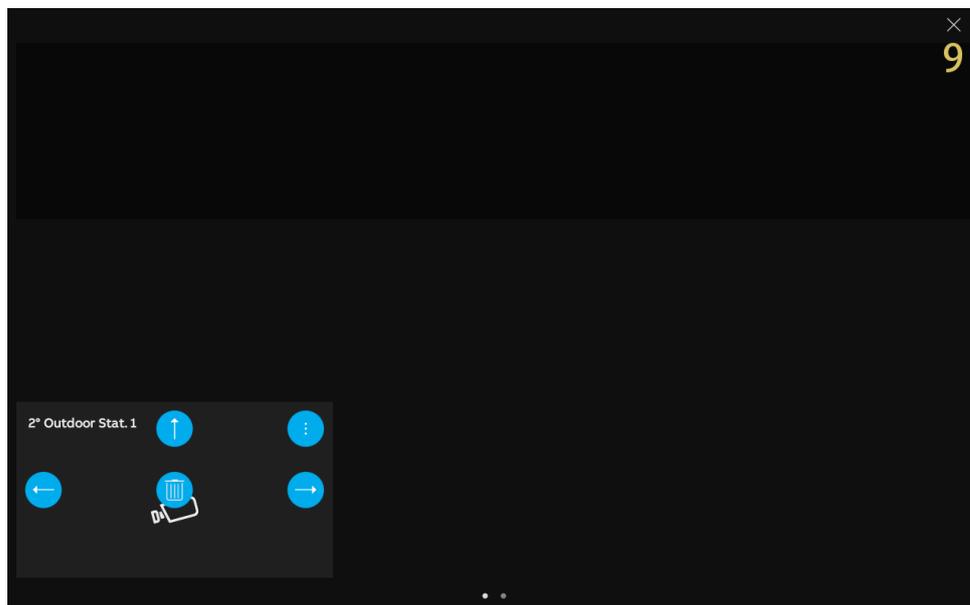


- [2] Select "Camera" from the drop-down list.
- [3] Select the device type from the drop-down list. It can be set to "Outdoor Station Camera", "Public Camera" or "Private Camera".
- [4] Tap "Next".
- [5] Select the designated device from the drop-down list.
- [6] Enter the alias name of the device.
- [7] Select the size of the frame. It can be set to "1 slot", "2 slots" or "4 slots".
- [8] Tap "Save & close".



[9] Tap "x".

[10] The control will be displayed on the dashboard.



9.1.4 Creating a control for the intercom

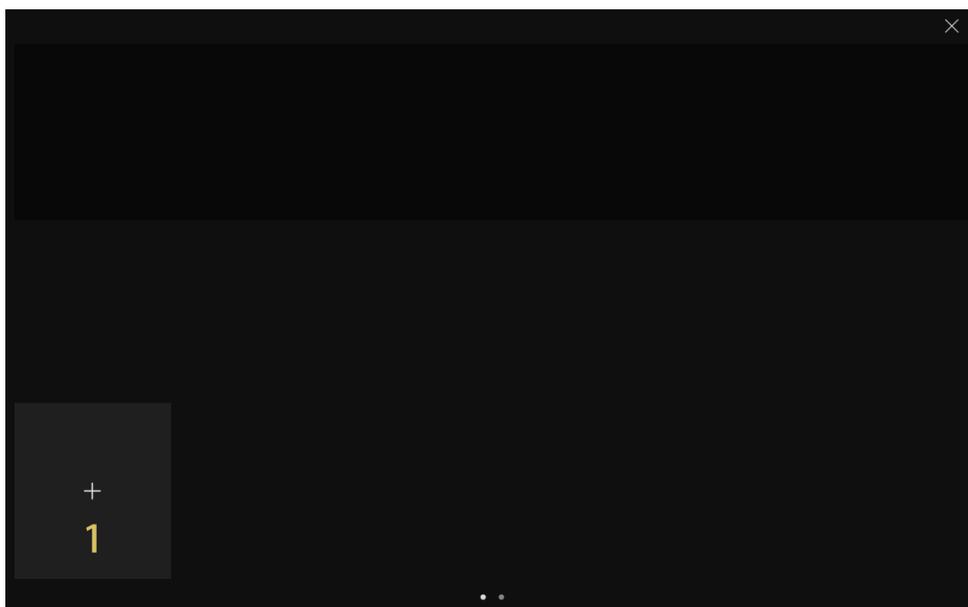
Precondition

Please configure an intercom before this operation.

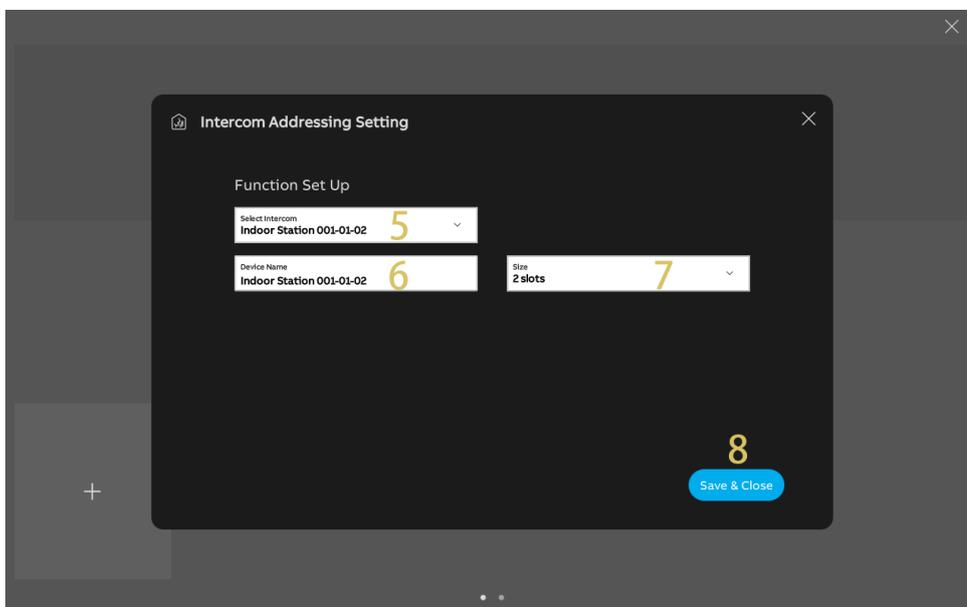
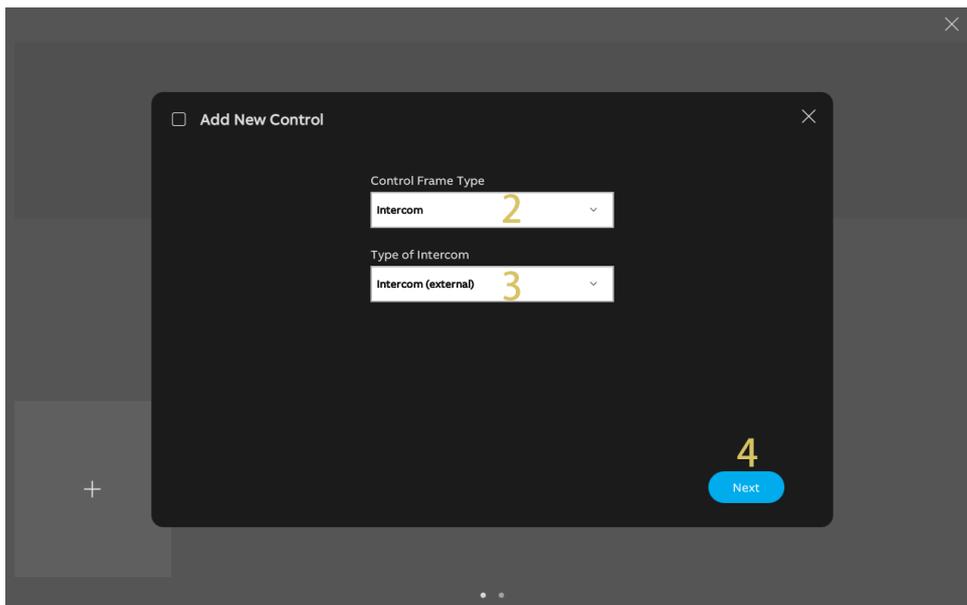
- For more details, see chapter 8.3.21 “Configuring intercom list“ on page 125.

Please follow the steps below:

- [1] Ensure the dashboard is in editing mode, tap a blank area of dashboard, then tap " + " to add a control.

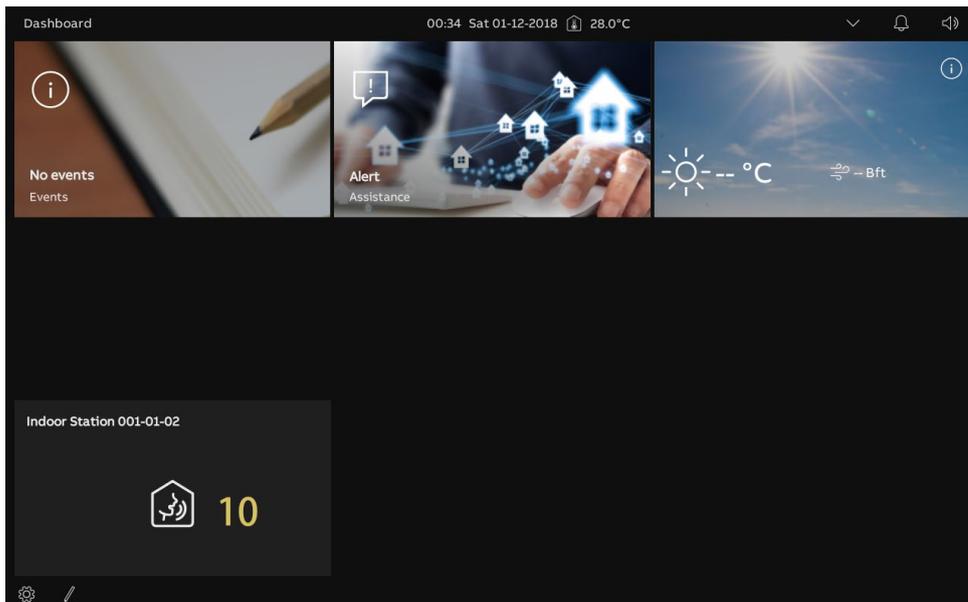
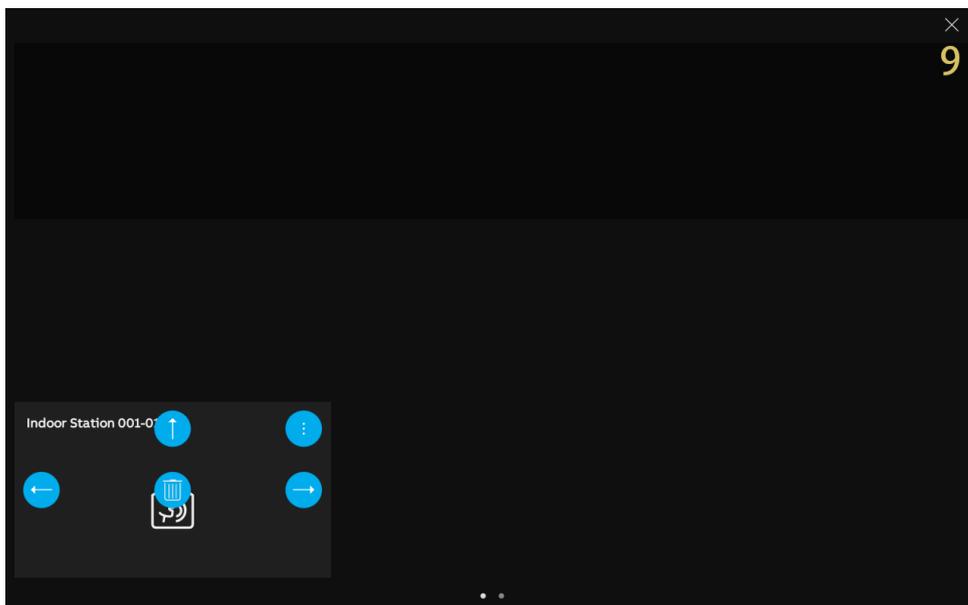


- [2] Select "Intercom" from the drop-down list.
- [3] Select the intercom type from the drop-down list. It can be set to "Intercom (external)", "Intercom (internal)" or "Guard Unit".
- [4] Tap "Next".
- [5] Select the designated device from the drop-down list.
- [6] Enter the alias name of the device.
- [7] Select the size of the frame. It can be set to "1 slot", "2 slots" or "4 slots".
- [8] Tap "Save & close".



[9] Tap "x".

[10]The control will be displayed on the dashboard.



9.1.5 Creating a control for the light

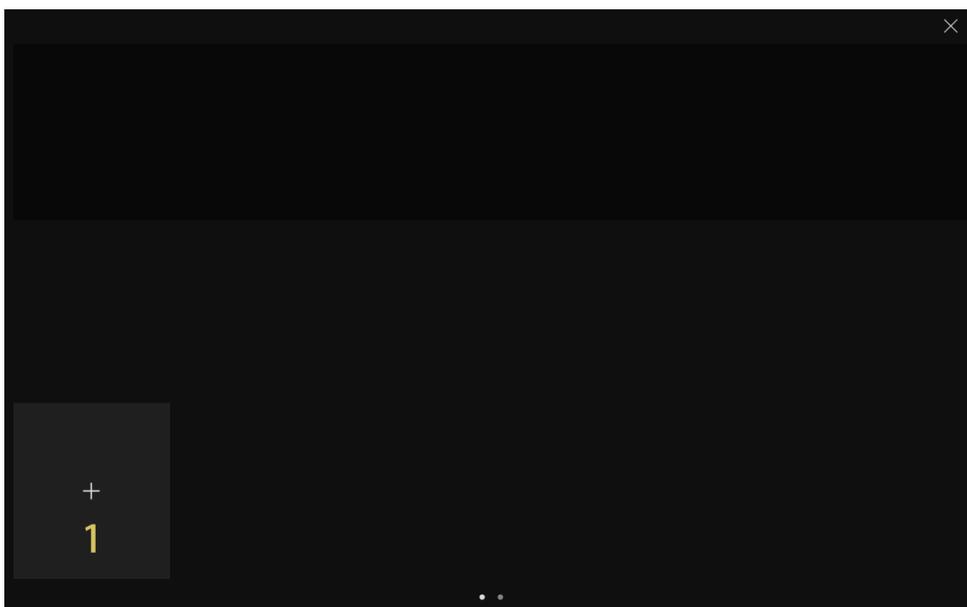
Precondition

Please configure a program button to turn on a light before this operation.

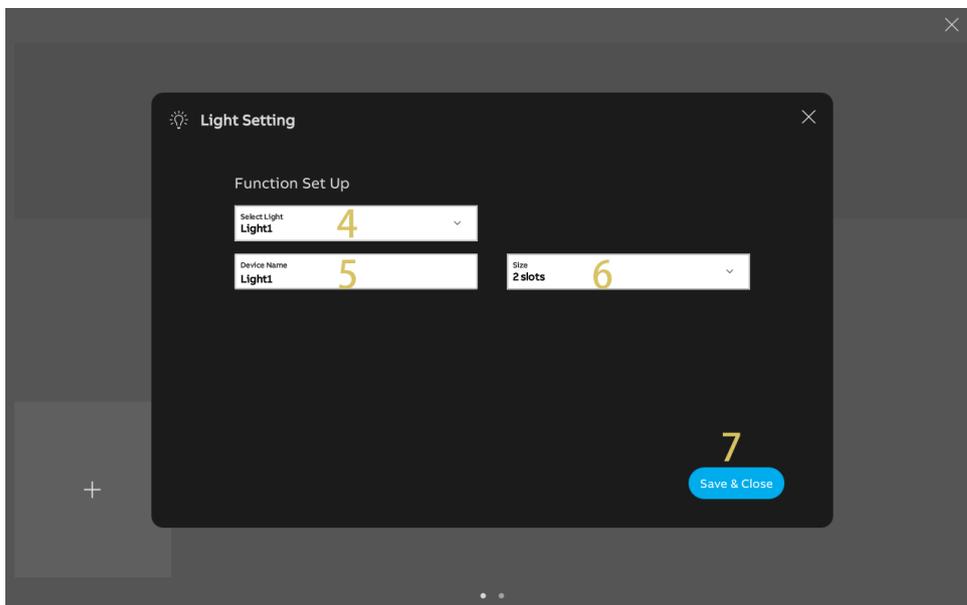
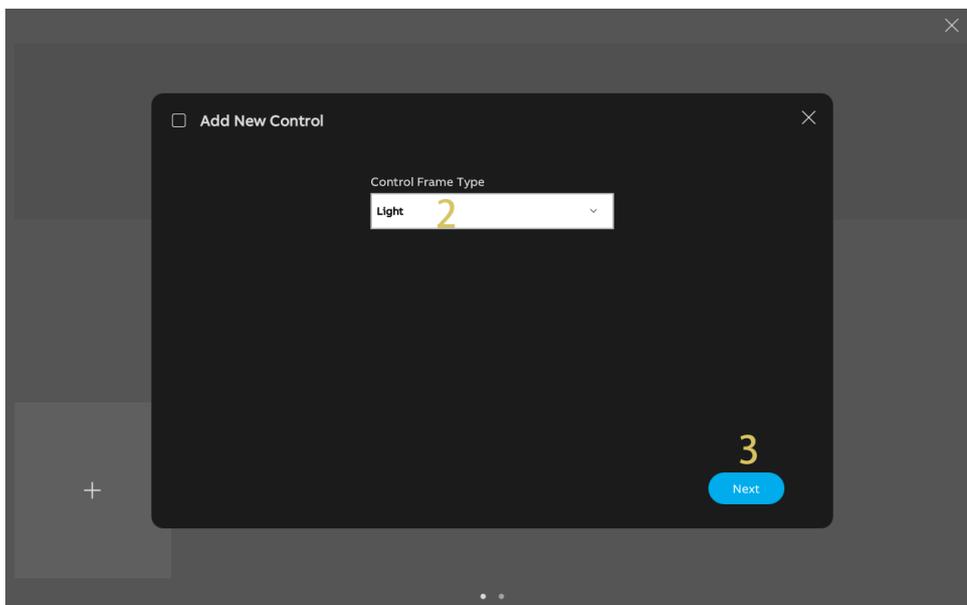
- For more details, see chapter 8.3.22 “Configuring program buttons” on page 128.

Please follow the steps below:

- [1] Ensure the dashboard is in editing mode, tap a blank area of dashboard, then tap " + " to add a control.

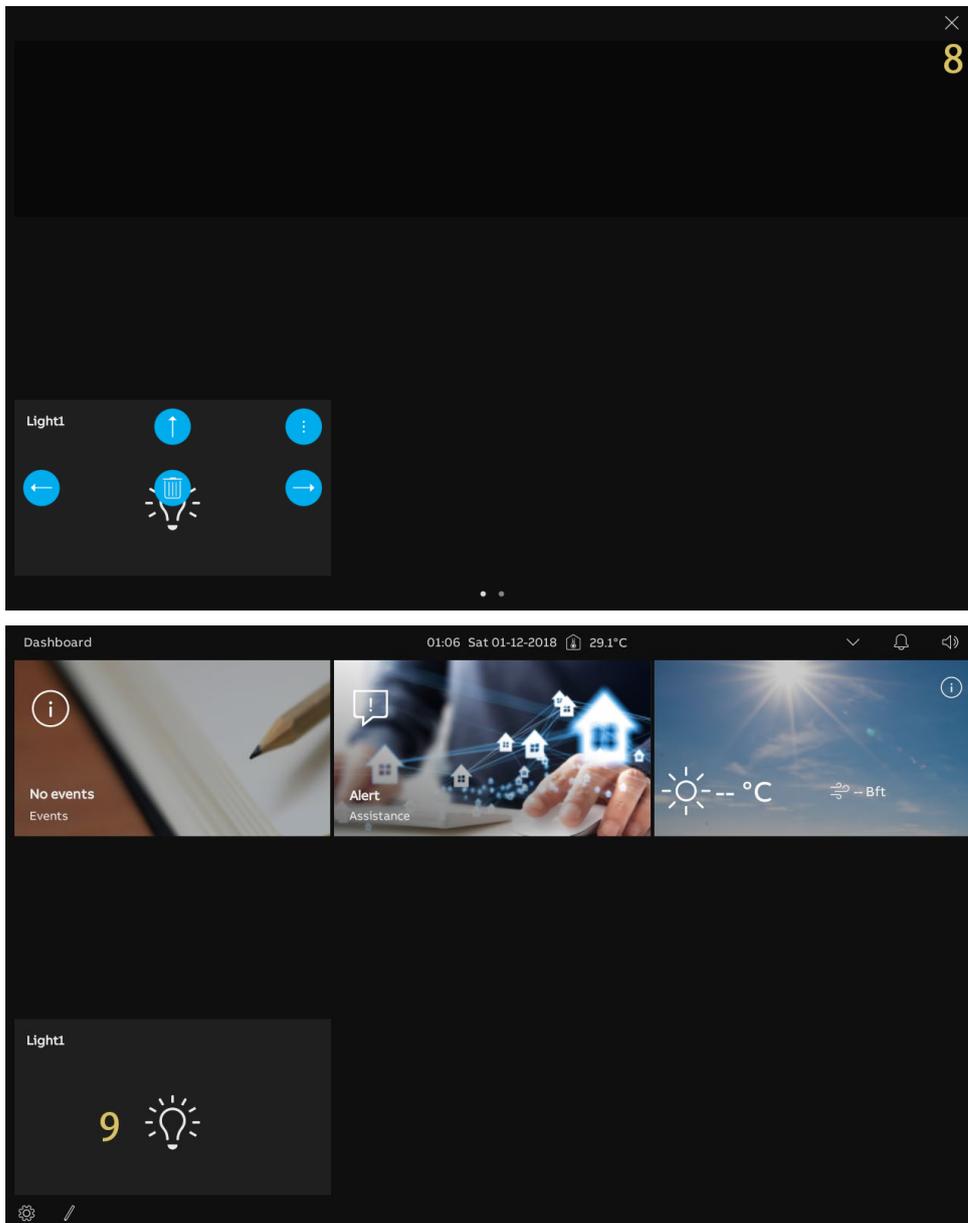


- [2] Select "Light" from the drop-down list.
- [3] Tap "Next".
- [4] Select the designated device from the drop-down list.
- [5] Enter the alias name of the device.
- [6] Select the size of the frame. It can be set to "1 slot", "2 slots" or "4 slots".
- [7] Tap "Save & close".



[8] Tap "x".

[9] The control will be displayed on the dashboard.



9.1.6 Creating a control for the door lock

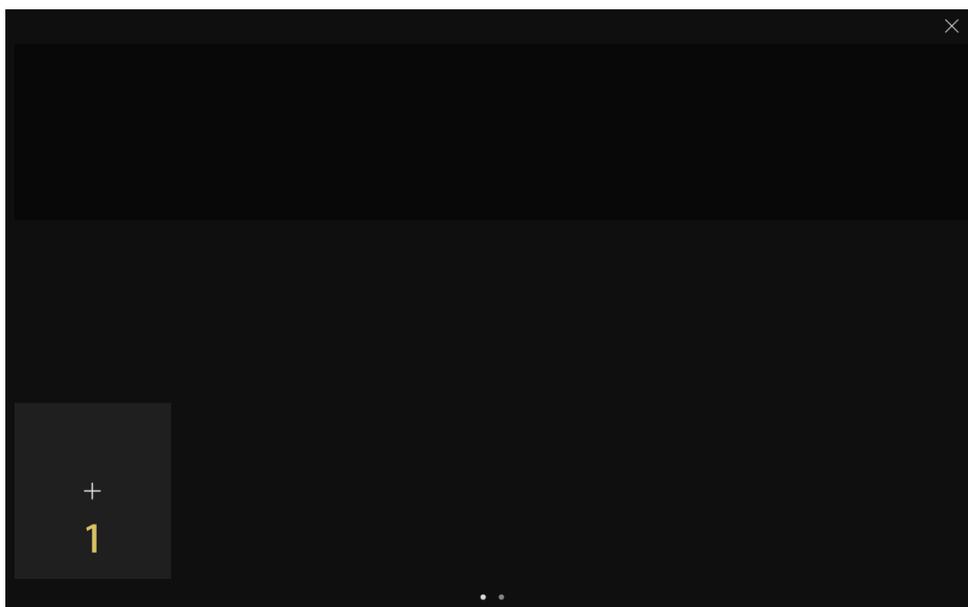
Precondition

Please configure a program button to unlock before this operation.

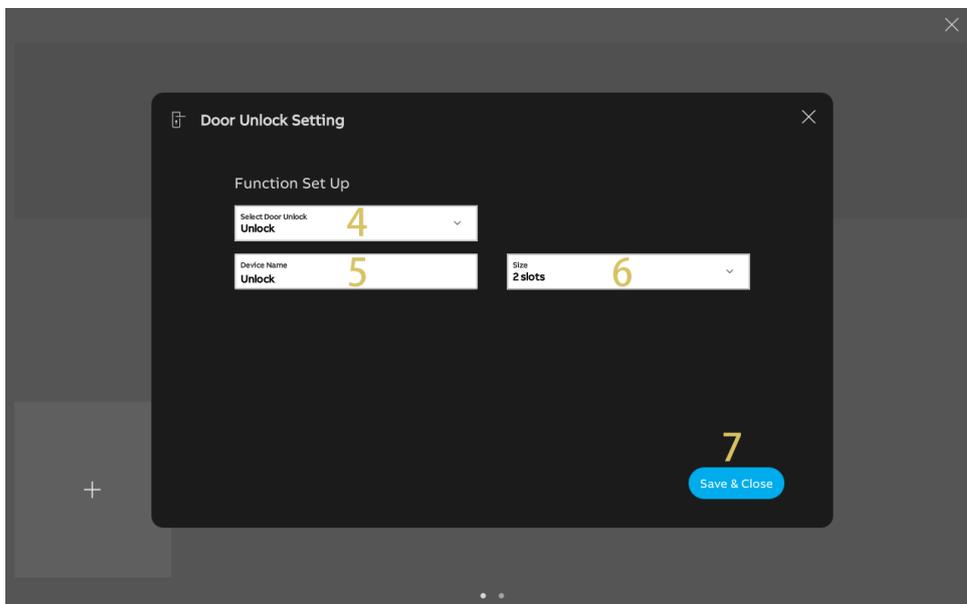
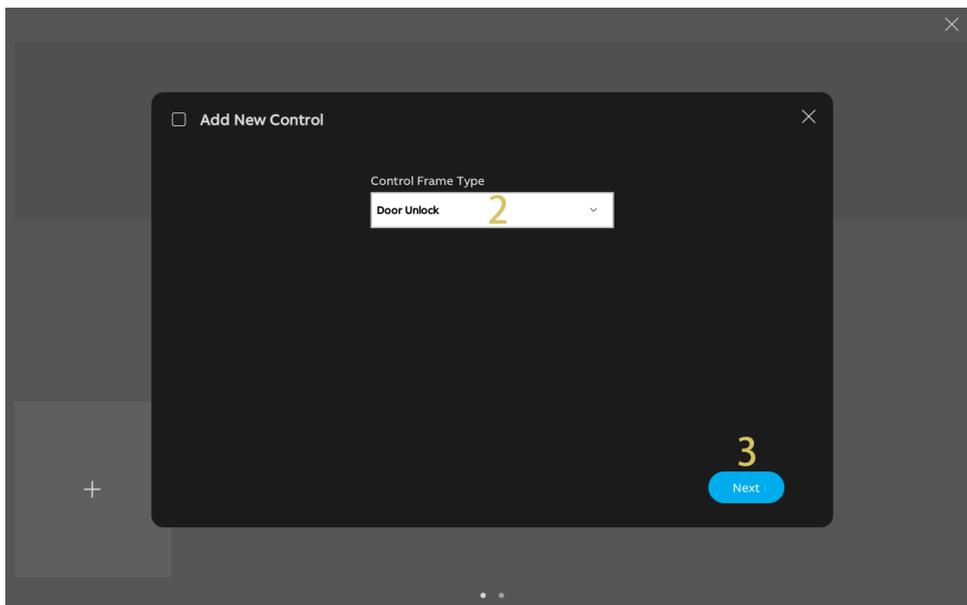
- For more details, see chapter 8.3.22 “Configuring program buttons” on page 128.

Please follow the steps below:

- [1] Ensure the dashboard is in editing mode, tap a blank area of dashboard, then tap " + " to add a control.

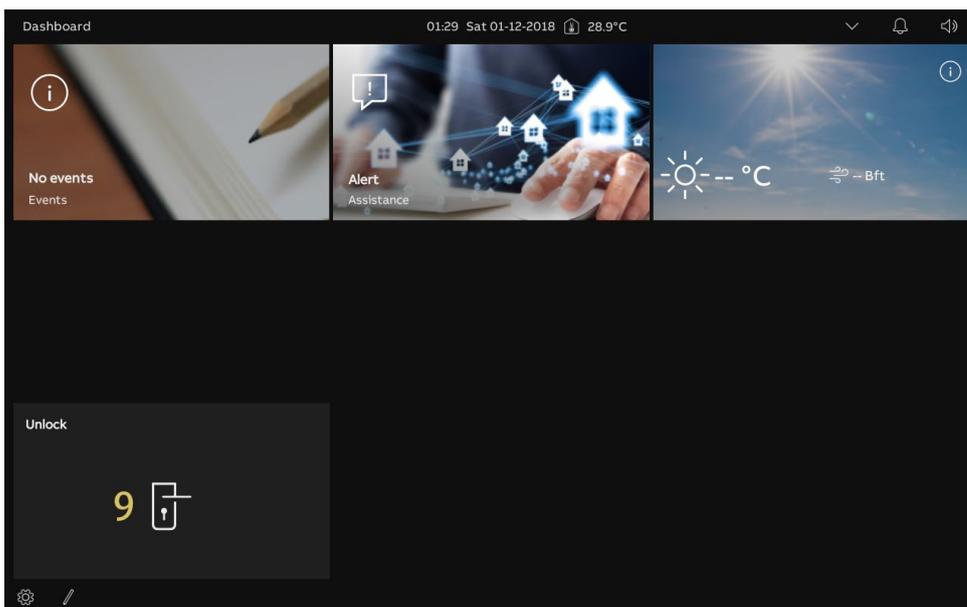
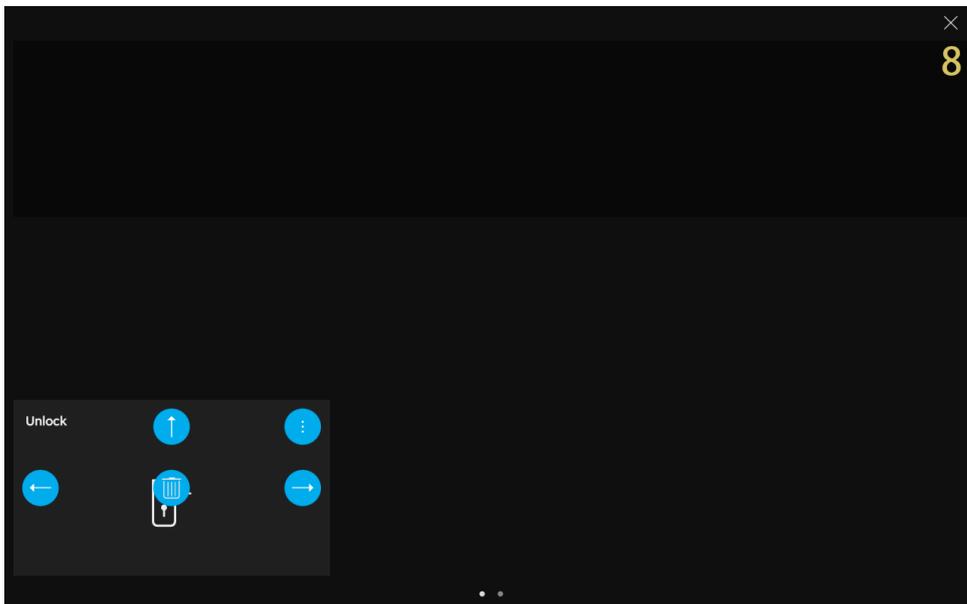


- [2] Select "Door Unlock" from the drop-down list.
- [3] Tap "Next".
- [4] Select the designated Outdoor Station from the drop-down list.
- [5] Enter the alias name of the device.
- [6] Select the size of the frame. It can be set to "1 slot", "2 slots" or "4 slots".
- [7] Tap "Save & close".



[8] Tap "x".

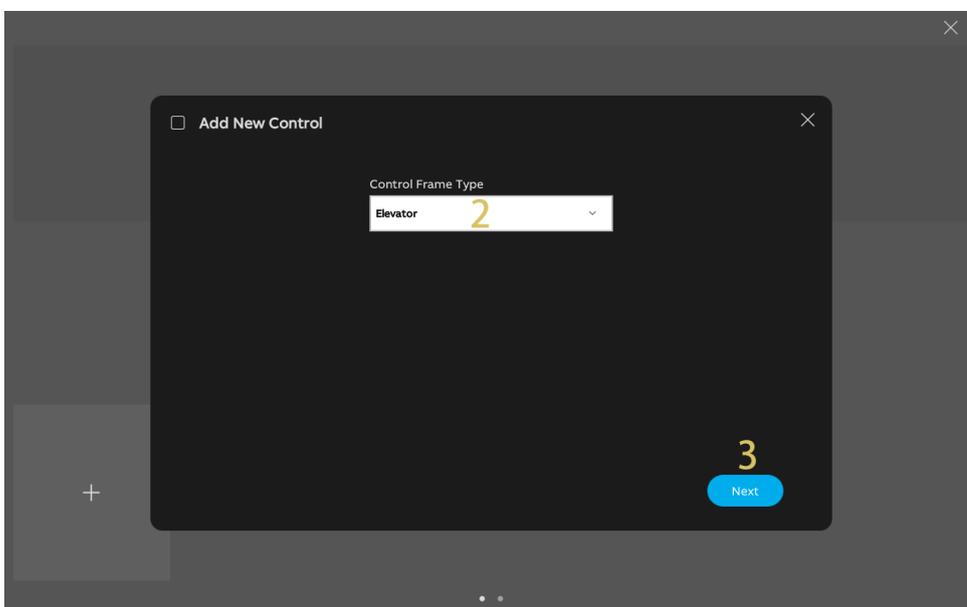
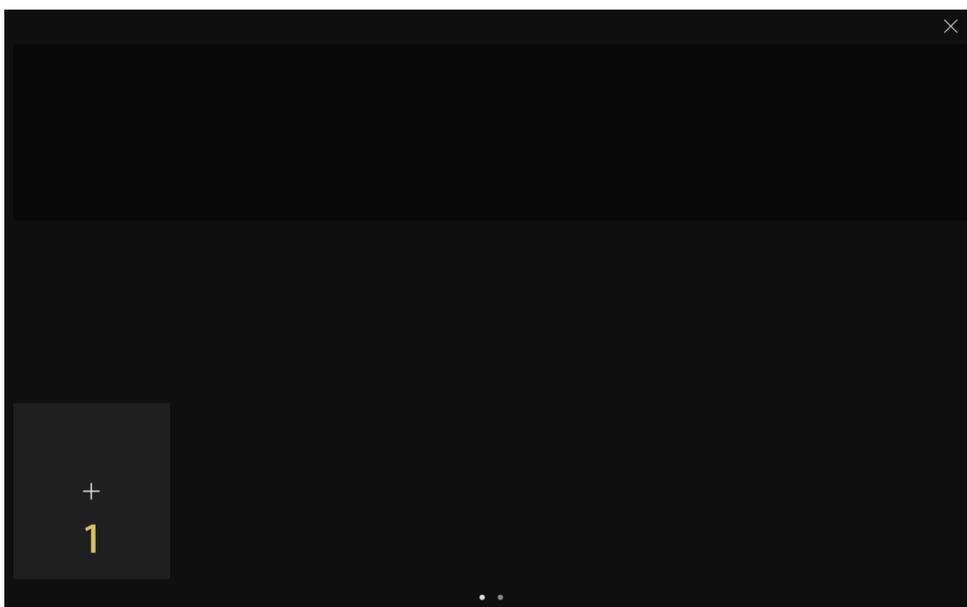
[9] The control will be displayed on the dashboard.



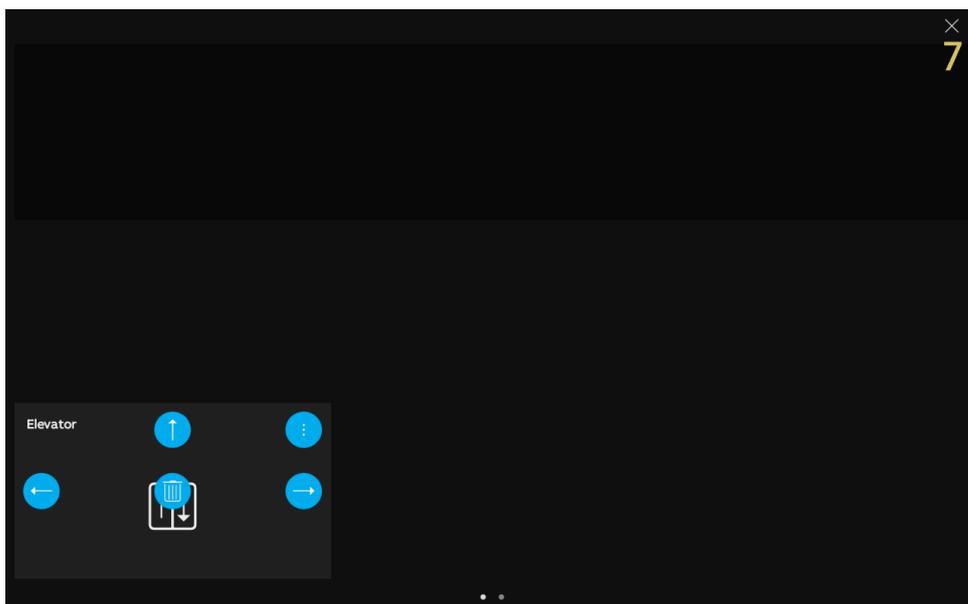
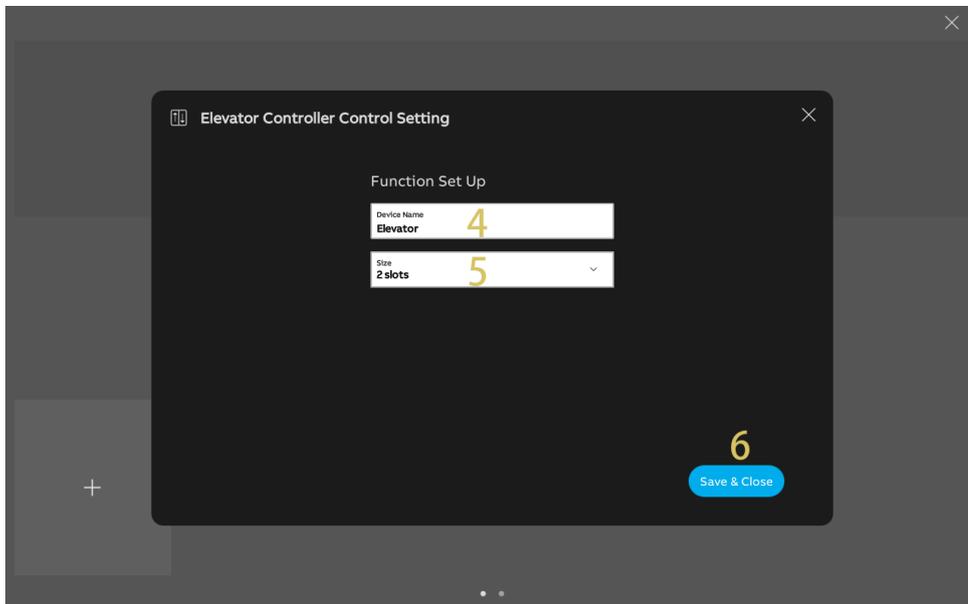
9.1.7 Creating a control for the elevator

Please follow the steps below:

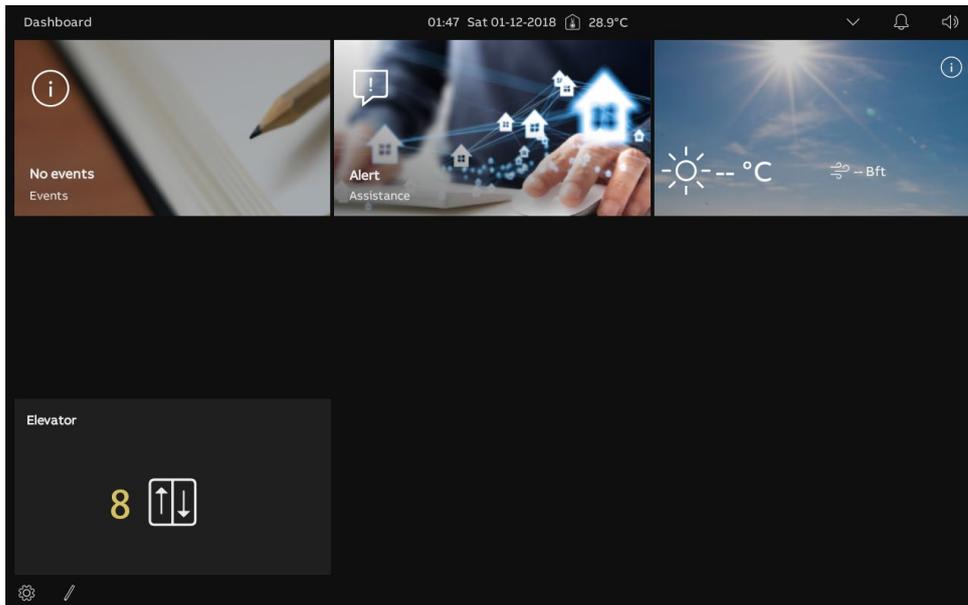
- [1] Ensure the dashboard is in editing mode, tap a blank area of dashboard, then tap "+" to add a control.
- [2] Select "Elevator" from the drop-down list.
- [3] Tap "Next".



- [4] Enter the alias name of the device.
- [5] Select the size of the frame. It can be set to "1 slot", "2 slots" or "4 slots".
- [6] Tap "Save & close".
- [7] Tap "x".

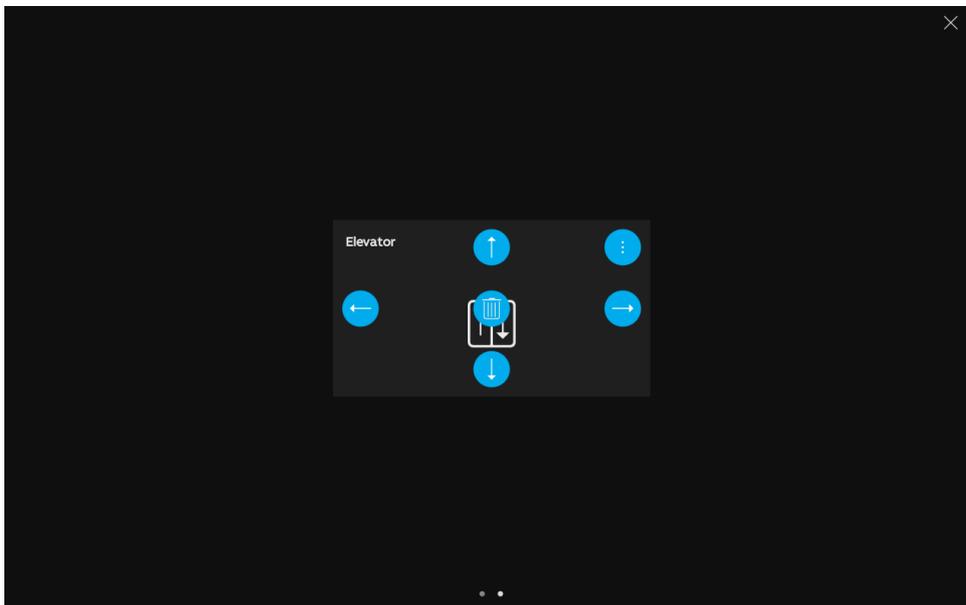


[8] The control will be displayed on the dashboard.



9.1.8 Editing the control

Ensure the dashboard is in editing mode.

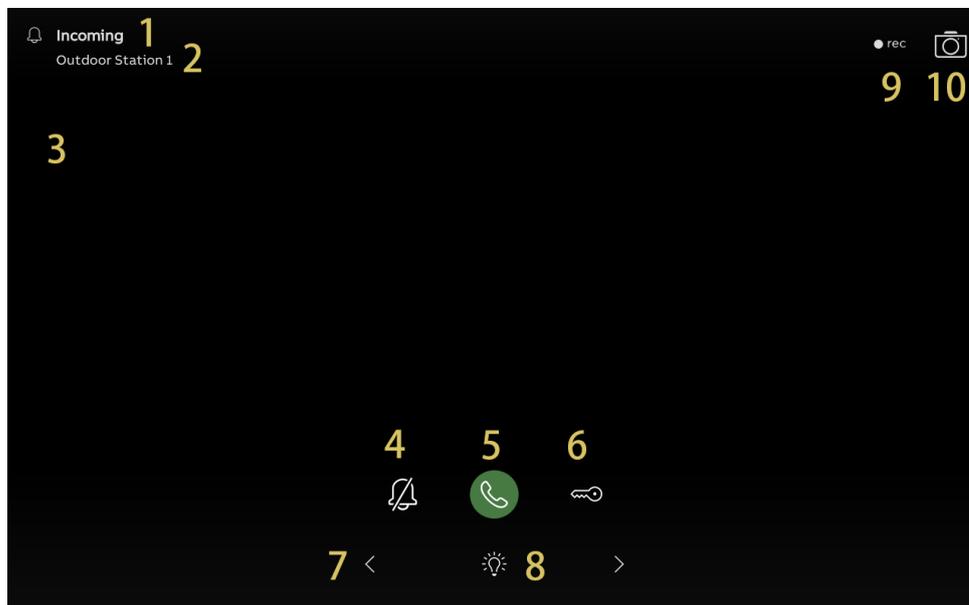


- Tap the arrow icon (e.g. " → ") to move the control in the specified direction.
- Tap " ⋮ " to change the settings of the control.
- Tap " 🗑️ " to remove the control.

9.2 Incoming call

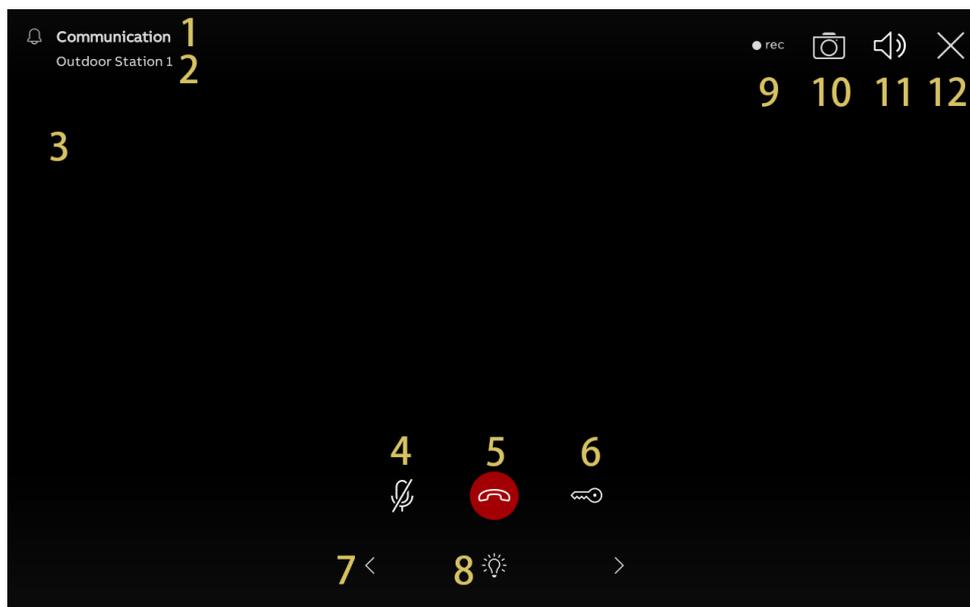
9.2.1 Call from Outdoor Stations

1. During an incoming call



No.	Function
1	"  Incoming" indicates an incoming call (maximum 30 seconds).
2	Display the device name.
3	Display the image <ul style="list-style-type: none"> ▪ Display the image of the calling Outdoor Station by default. ▪ If a camera has been assigned to the calling Outdoor Station, the image from the camera will be displayed here. ▪ The countdown (9...1) will be displayed in the last 9 s.
4	Tap "  " to mute the current ringtone.
5	Tap "  " to accept the call.
6	Tap "  " to release the default lock on the calling Outdoor Station.
7	Tap "<" or ">" to display the images from the cameras.
8	Tap the program button, if any, to carry out the programmable function.
9	Tap "  " to record a video.
10	Tap "  " to take a snapshot manually.

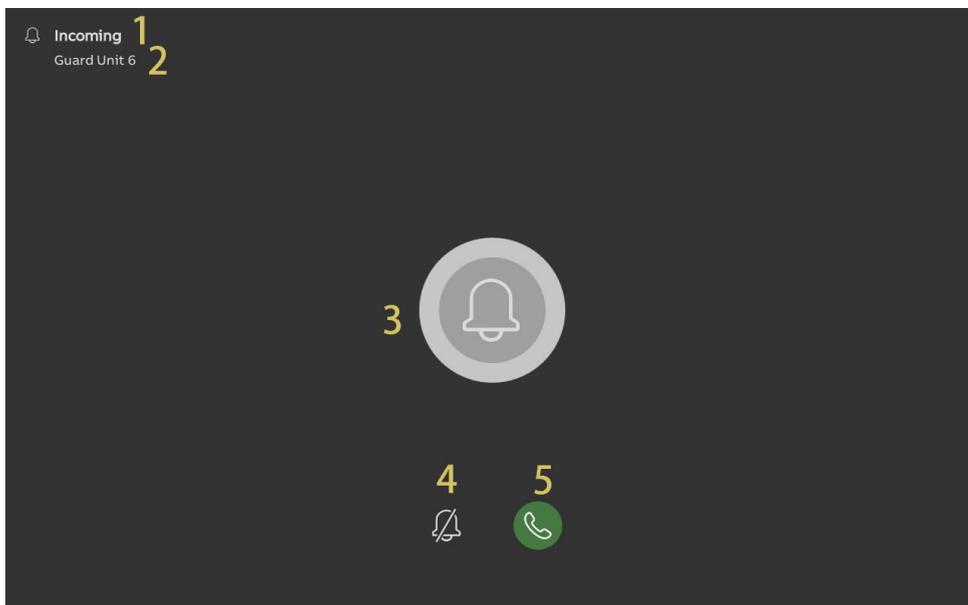
2. During communication



No.	Function
1	" Communication" indicates a communication process (maximum 120 seconds).
2	Display the device name.
3	<p>Display the image</p> <ul style="list-style-type: none"> Display the image of the calling Outdoor Station by default. If a camera has been assigned to the calling Outdoor Station, the image from the camera will be displayed here. The countdown (9...1) will be displayed in the last 9 s.
4	Tap " " to mute the microphone.
5	Tap " " to end the call.
6	Tap " " to release the default lock on the calling Outdoor Station.
7	If IP cameras have been added to the dashboard. Tap "<" or ">" to display the images from the cameras.
8	Tap the program button, if any, to carry out the programmable function.
9	Tap " " to record a video.
10	Tap " " to take a snapshot manually.
11	Tap " " to adjust the volume of the voice.
12	Tap " X " to quit the communication.

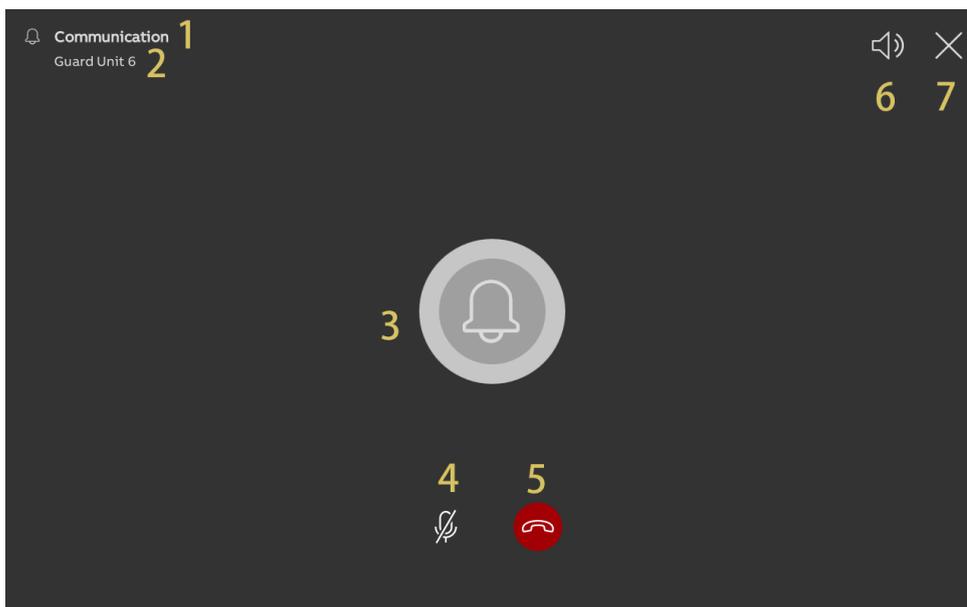
9.2.2 Call from Guard Units or Indoor Stations

1. During an incoming call



No.	Function
1	"  Incoming" indicates an incoming call.
2	Display the device name.
3	Display "  " to indicate no image can be displayed on the screen. The countdown (9...1) will be displayed in the last 9 s.
4	Tap "  " to mute the current ringtone.
5	Tap "  " to accept the call.

2. During communication

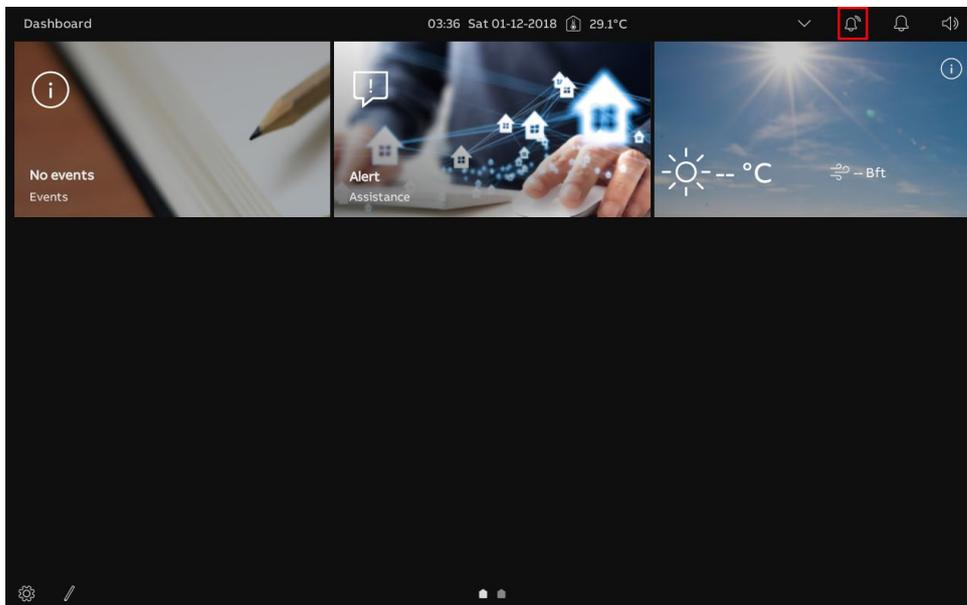


No.	Function
1	"  " Communication" indicates a communication process.
2	Display the device name.
3	Display "  " to indicate no image can be displayed on the screen. The countdown (9...1) will be displayed in the last 9 s.
4	Tap "  " to mute the microphone.
5	Tap "  " to end the call.
6	Tap "  " to adjust the volume of the voice.
7	Tap " X " to quit the communication.

9.2.3 Call from doorbell

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

If the doorbell is associated with the camera, the panel will display the image from the camera automatically.



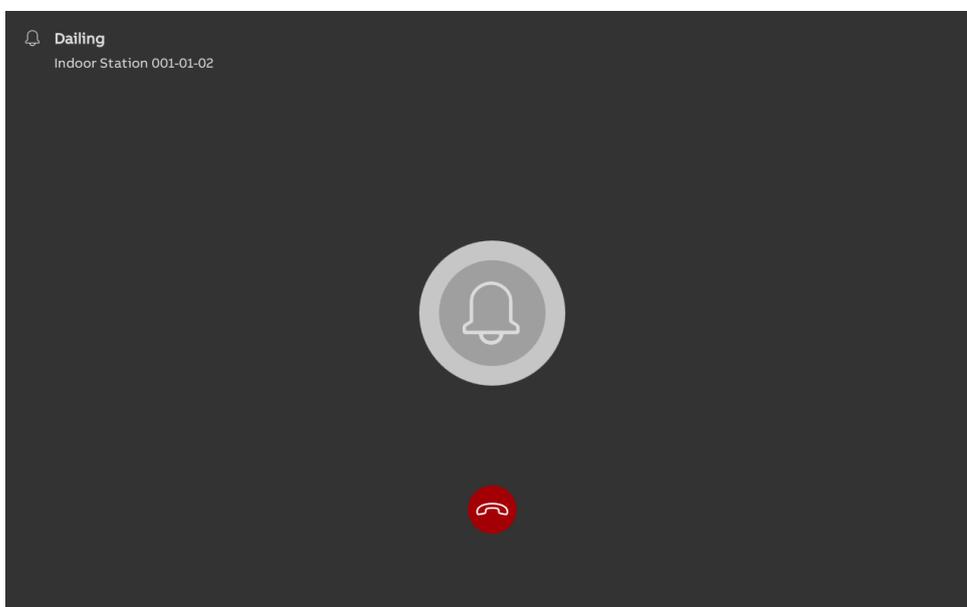
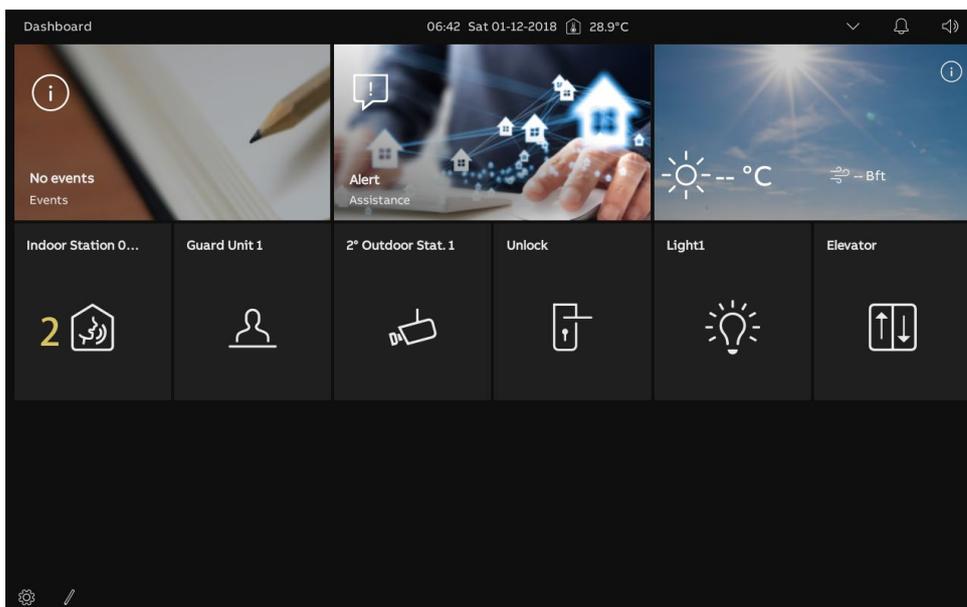
9.3 Intercom

Please follow the steps below:

[1] Adding a control for the intercom to the dashboard.

- For mode details, see chapter 9.1.4 “Creating a control for the intercom” on page 174.

[2] On the dashboard, tap the designated intercom to initiate a call.



9.4 Call Guard Unit

Please follow the steps below:

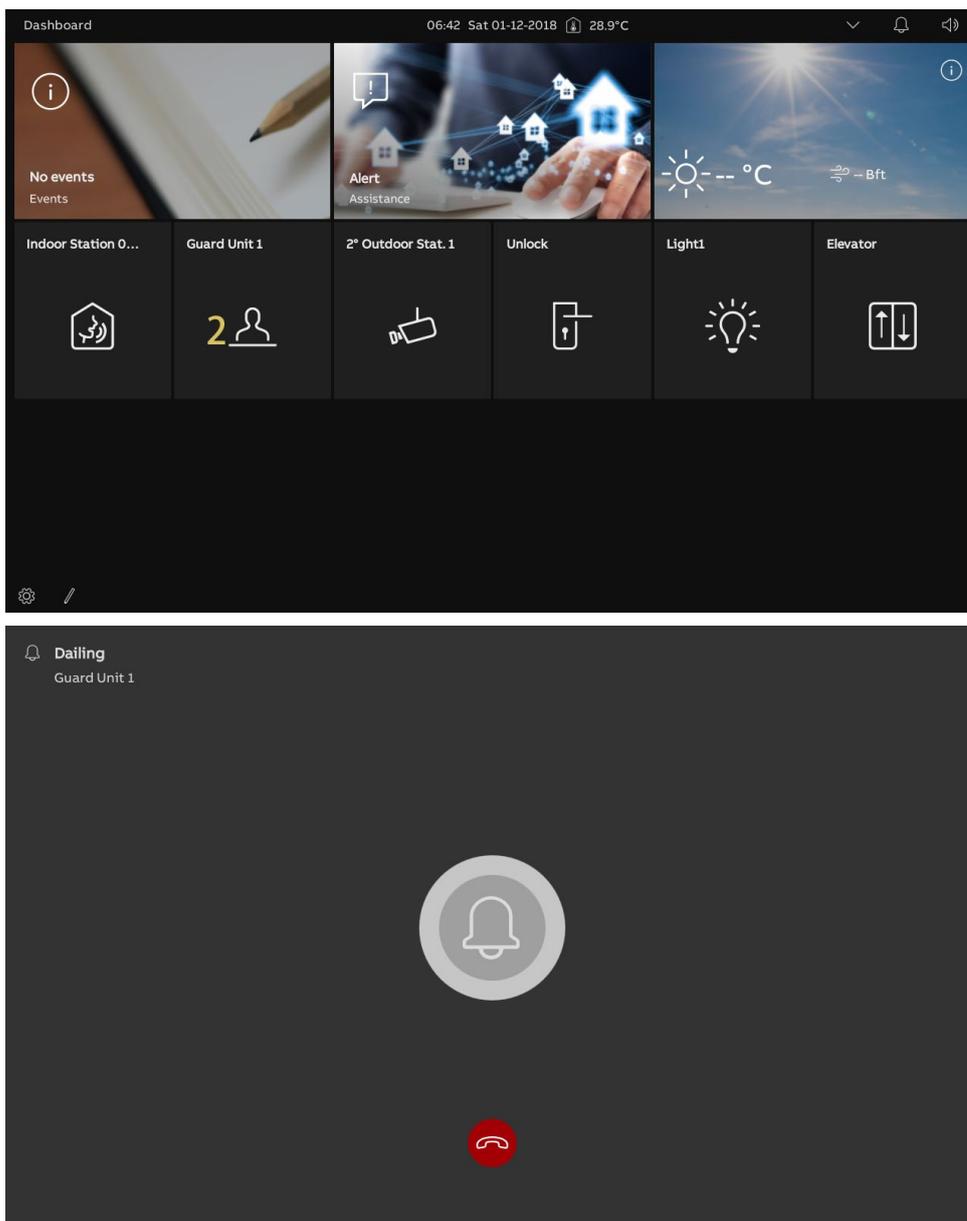
[1] Configuring the address of the default Guard Unit.

- For more details, see chapter 8.4.9 “Configuring the address of default Guard Unit” on page 165.

[2] Adding a control for the Guard Unit to the dashboard.

- For more details, see chapter 9.1.4 “Creating a control for the intercom” on page 174..

[3] On the dashboard, tap the relevant Guard Unit to initiate a call.

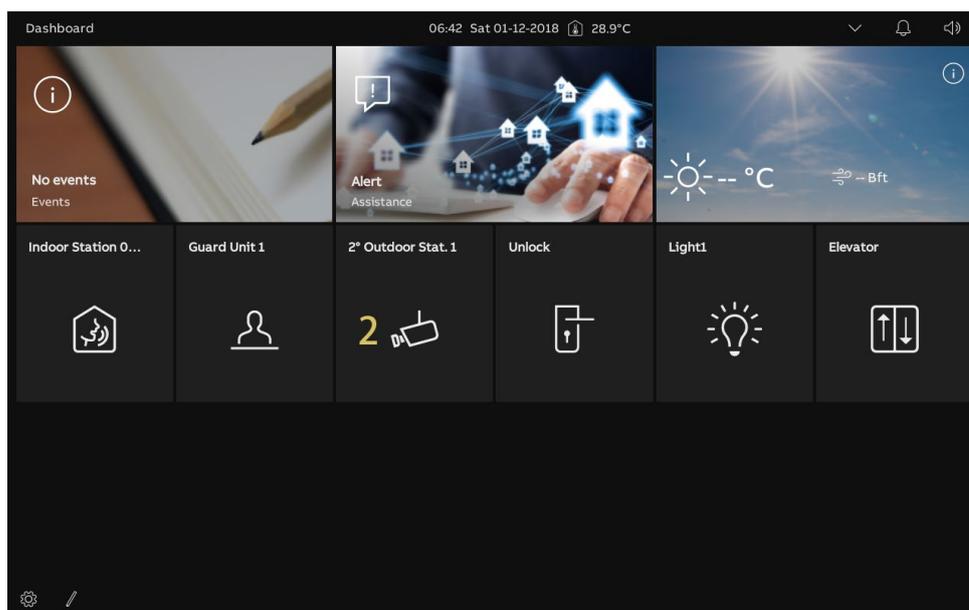


9.5 Surveillance

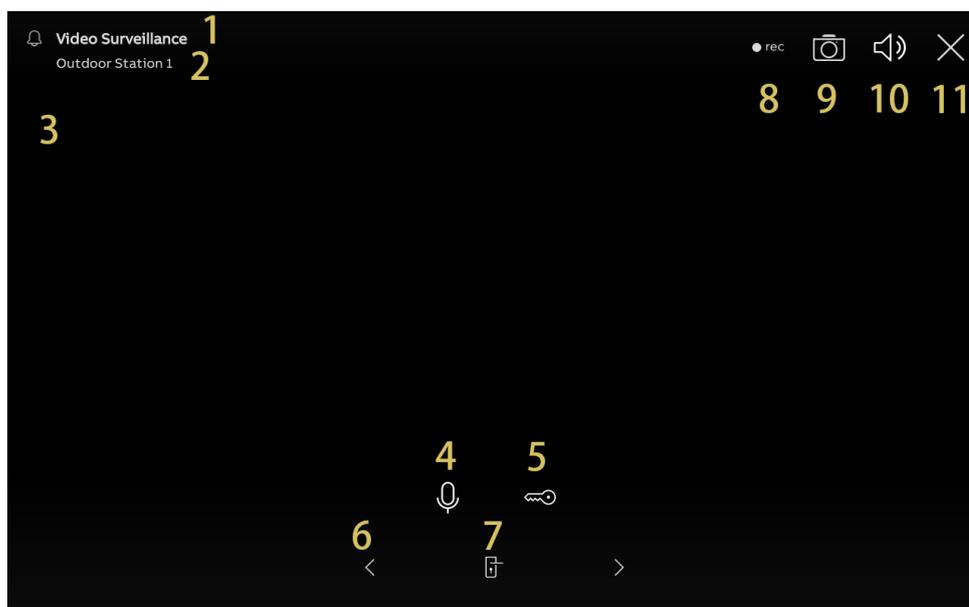
9.5.1 Accessing video surveillance

Please follow the steps below:

- [1] Adding a control for the designated Outdoor Station or the IP camera to the dashboard.
 - For more details, see chapter 9.1.3 “Creating a control for the camera“ on page 171.
- [2] On the dashboard, tap the designated Outdoor Station or IP camera to initiate a surveillance.



9.5.2 Surveillance from outdoor stations



No.	Description
1	"  Video Surveillance" indicates surveillance (120 seconds).
2	Display the device name.
3	Display the image <ul style="list-style-type: none"> ▪ Display the image of the relevant Outdoor Station. ▪ If a camera has been assigned to the calling Outdoor Station, the image from the camera will be displayed here. ▪ The countdown (9...1) will be displayed in the last 9 s.
4	Tap "  " to unmute the microphone. Tap "  " to mute the microphone.
5	Tap "  " to release the default lock on the relevant Outdoor Station.
6	Tap "<" or ">" to display the images from other Outdoor Station or the cameras.
7	Tap the program button, if any, to carry out the programmable function.
8	Tap "  " to record a video.
9	Tap "  " to take a snapshot manually.
10	Tap "  " to adjust the volume of the voice.
11	Tap " X " to quit the surveillance.

9.5.3 Surveillance from IP camera



No.	Function
1	"  Video Surveillance" indicates a surveillance process (120 seconds).
2	Display the device name.
3	Display the image of the relevant camera. The countdown (9...1) will be displayed in the last 9 s.
4	Tap "<" or ">" to display the images from other Outdoor Station or the cameras.
5	Tap "  " to record a video.
6	Tap "  " to take a snapshot manually.
7	Tap " X " to quit the surveillance.

9.6 Releasing the lock

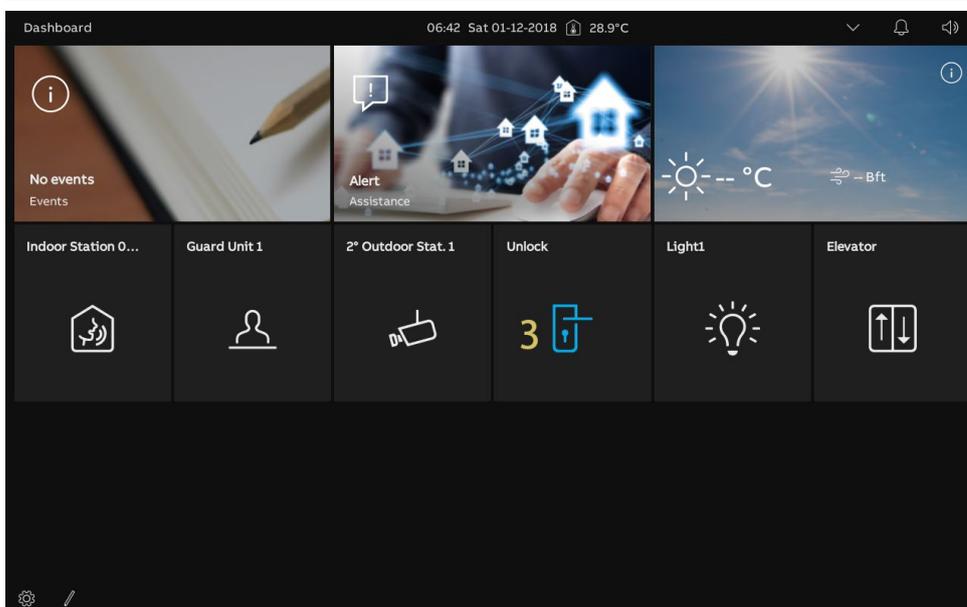
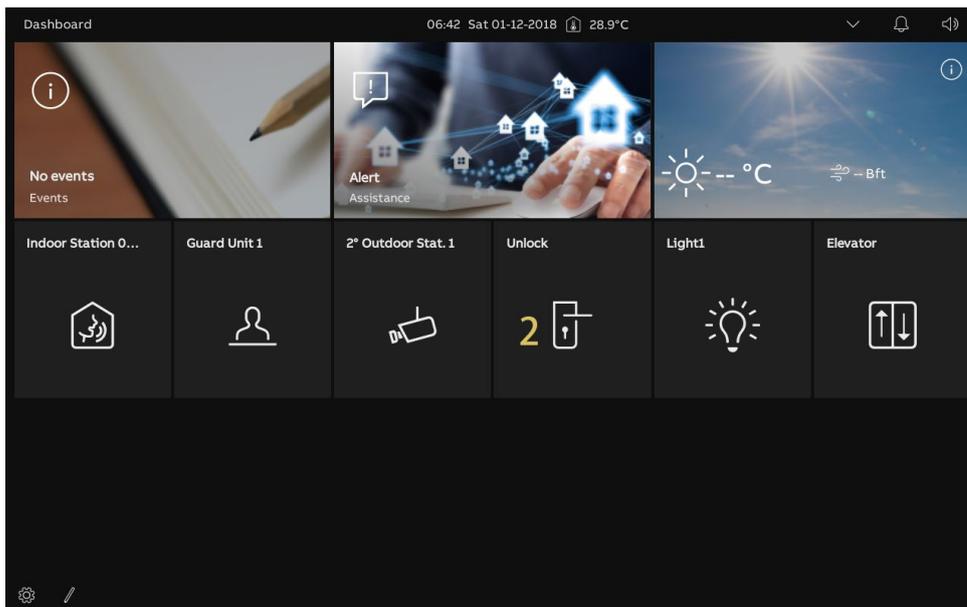
Please follow the steps below:

[1] Adding a control for the relevant lock to the dashboard.

- For more details, see chapter 9.1.6 “Creating a control for the door lock” on page 180.

[2] On the dashboard, tap the designated door lock to release it.

[3] "🔓" will be displayed on the screen if successful.



9.7 Turn on a light

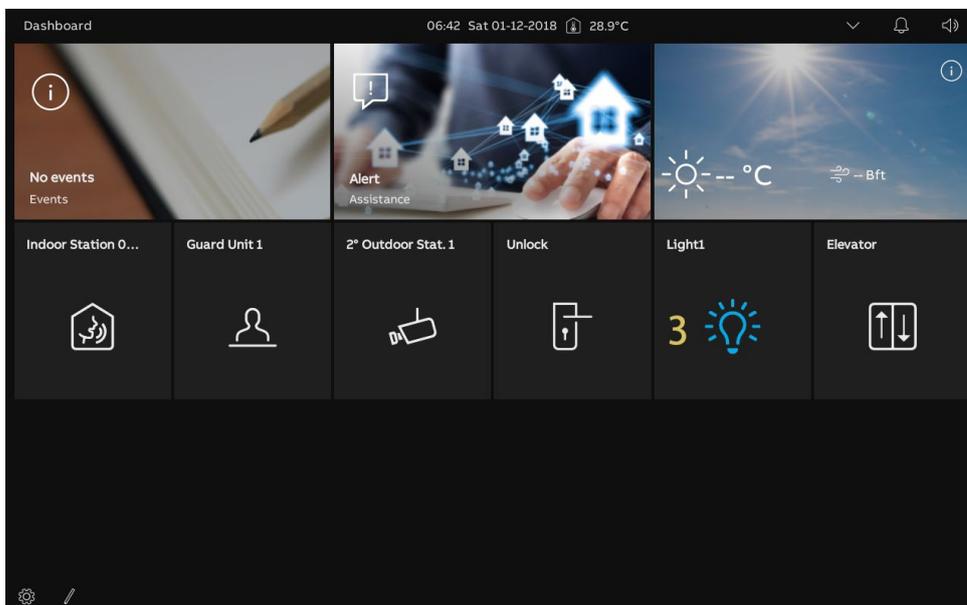
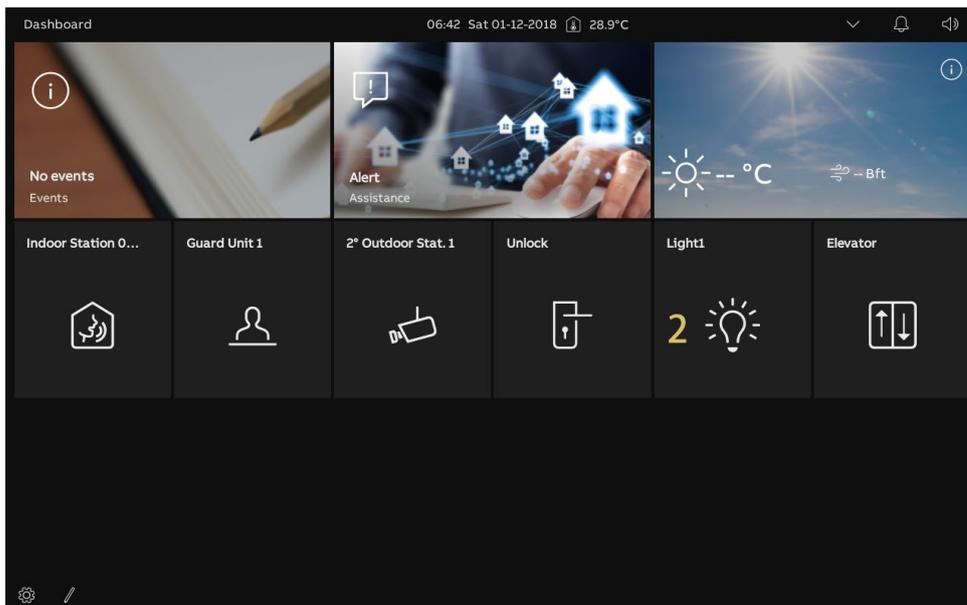
Please follow the steps below:

[1] Adding a control for the designated light to the dashboard.

- For more details, see chapter 9.1.5 “Creating a control for the light” on page 177.

[2] On the dashboard, tap the designated light to turn on it.

[3] "💡" will be displayed on the screen if successful.



9.8 Call the elevator

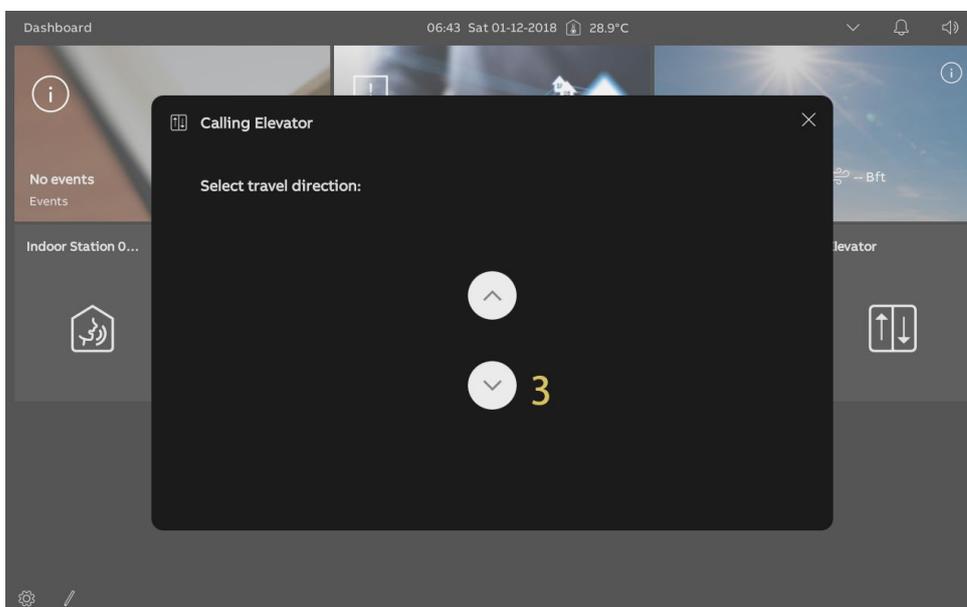
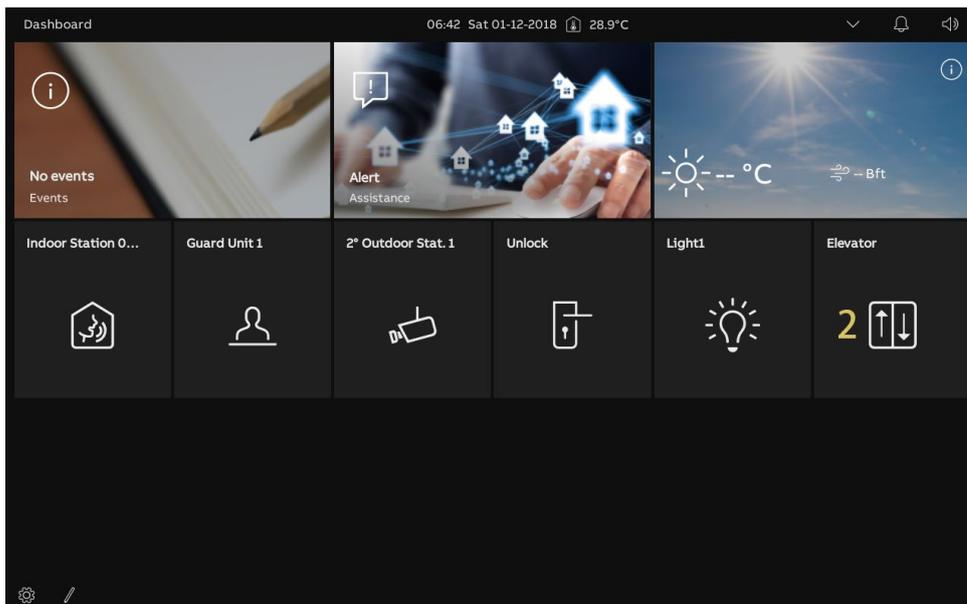
Please follow the steps below:

[1] Adding a control for the designated elevator to the dashboard.

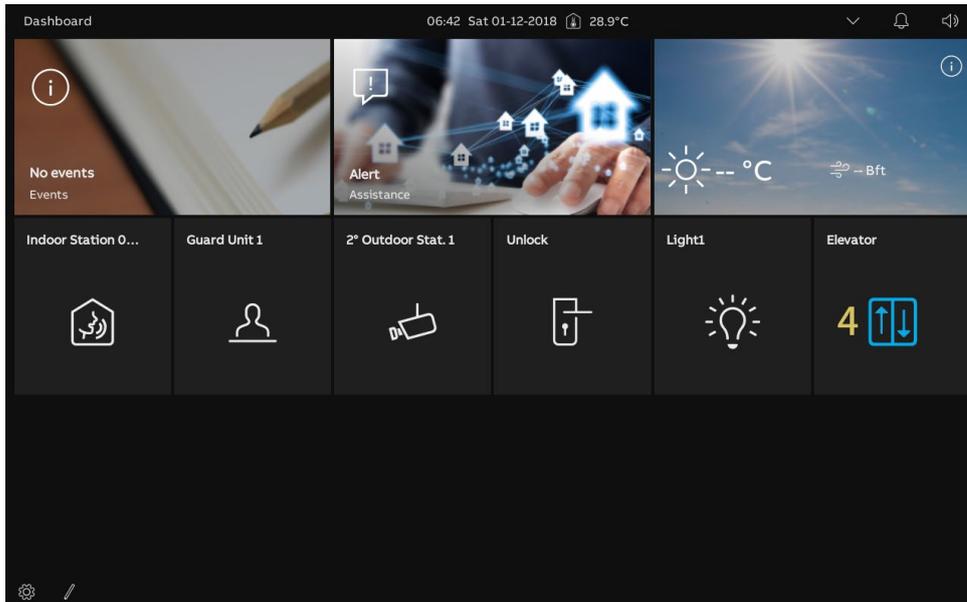
- For more details, see chapter 9.1.7 “Creating a control for the elevator“ on page 183.

[2] On the dashboard, tap the designated elevator to activate it.

[3] Tap the direction icon e.g. "↓" to call the elevator. "↑" will be displayed if successful.



[4] "  " will be displayed on the dashboard to indicate the process.



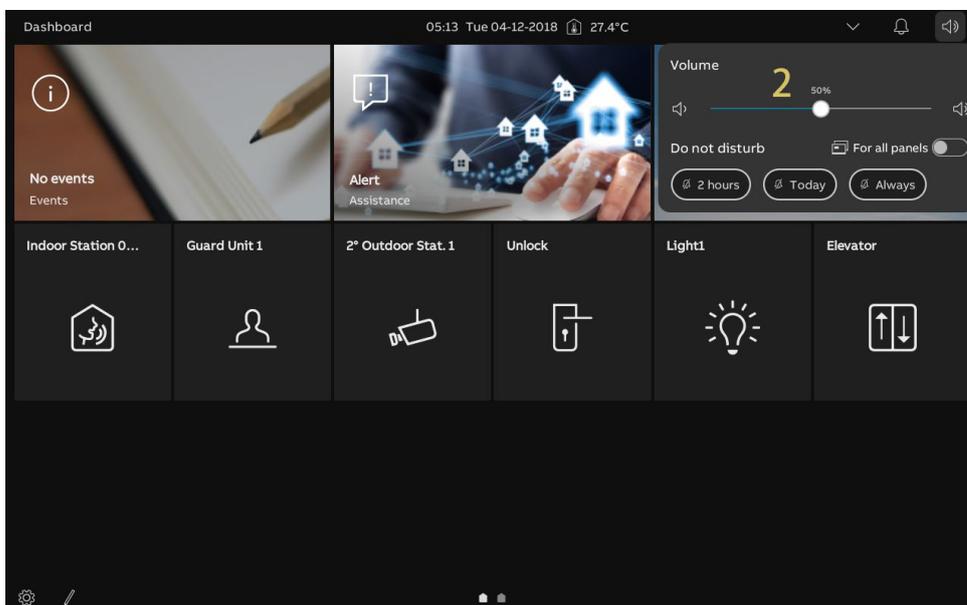
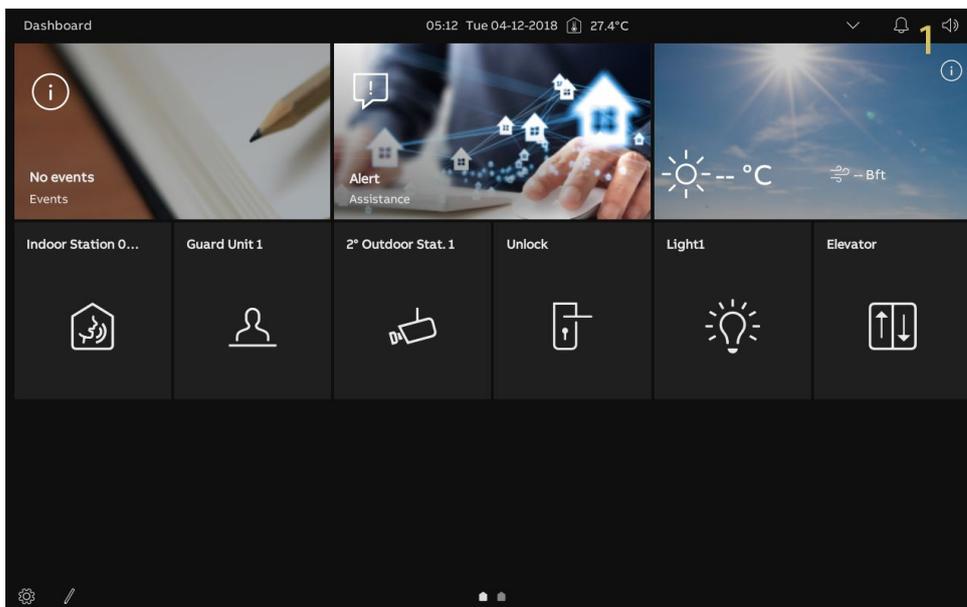
9.9 Configuring the voice

9.9.1 Adjusting the voice volume

Please follow the steps below:

[1] On the dashboard, tap the voice icon "🔊".

[2] In the pop-up window, drag the scroll bar to adjust the voice volume.

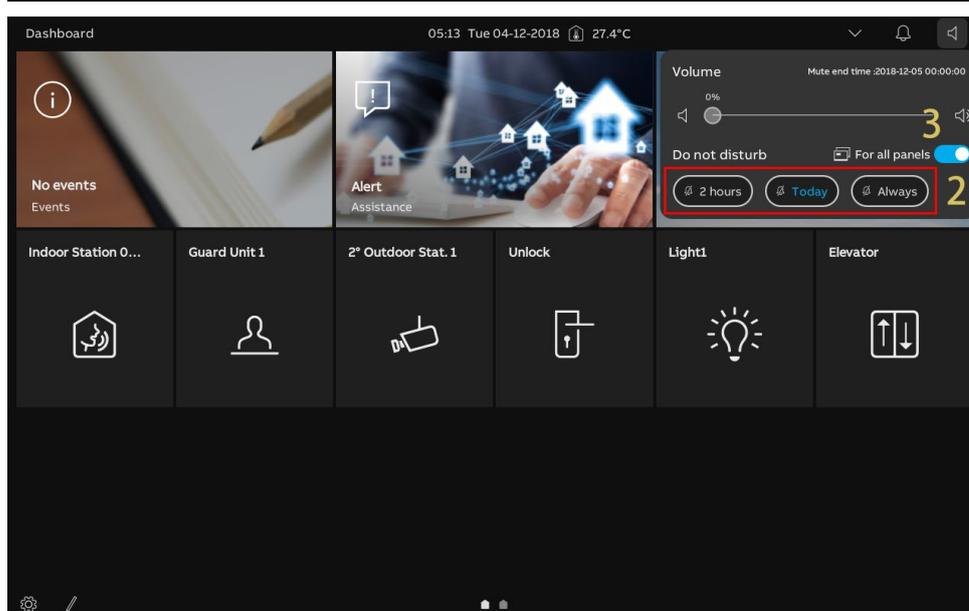
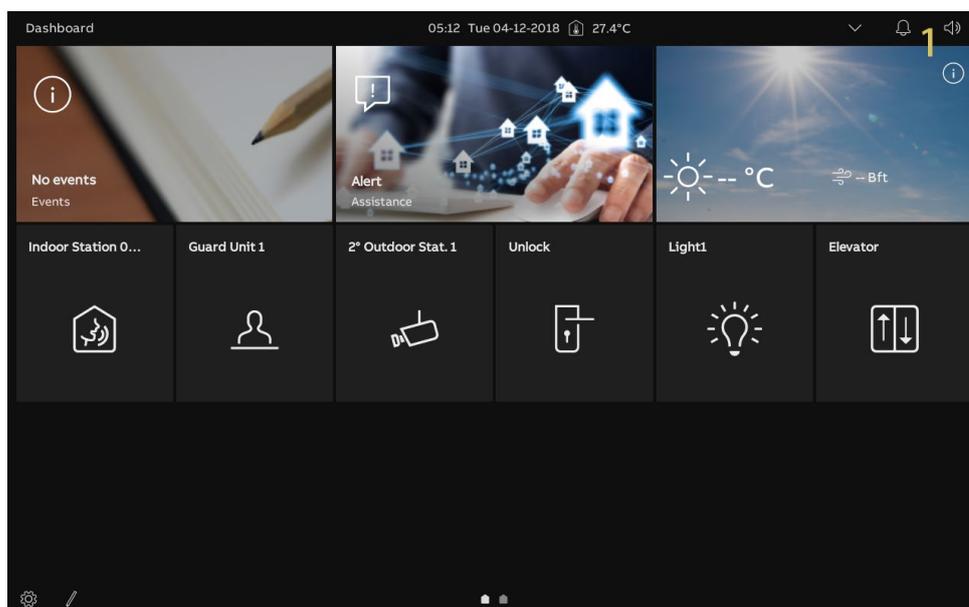


9.9.2 Configuring the "Mute" function

Please follow the steps below:

- [1] On the dashboard, tap the voice icon "🔊".
- [2] On the pop-up window, select the mute type. It can be set to "2 hours", "Today" or "Always".
- [3] Select the relevant objects.
 - If "For all panels" is disabled, the mute function only applies to the current panel.
 - If "For all panels" is enabled, the mute function will apply to all panels in the same apartment.

If the panel is restarted, all the settings about the "Mute" function will be cleared.



9.10 Sending an alarm request

If you are in distress, something has happened at home, or if you live with an old or sick person at home and they need some support, they can send an alarm request.

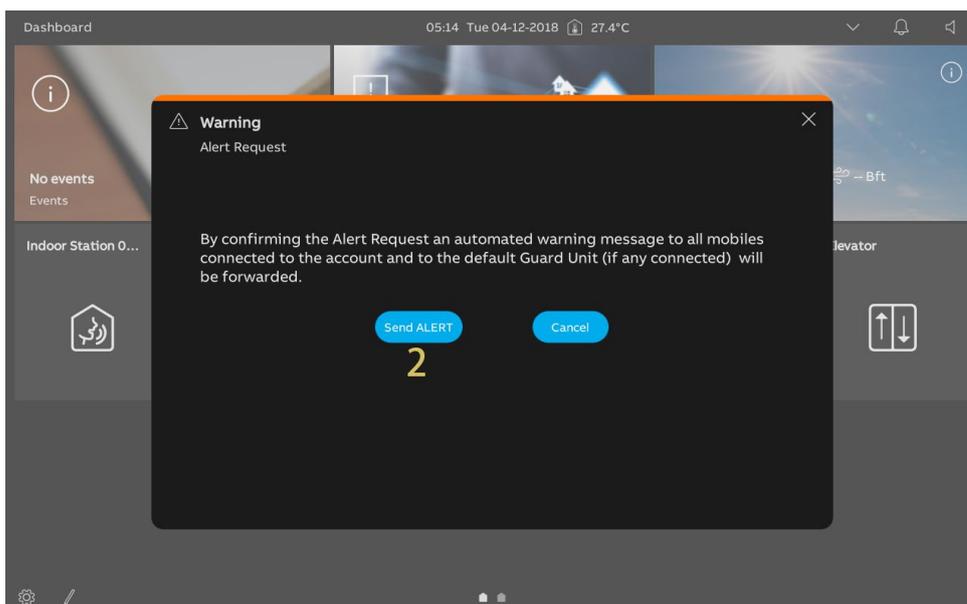
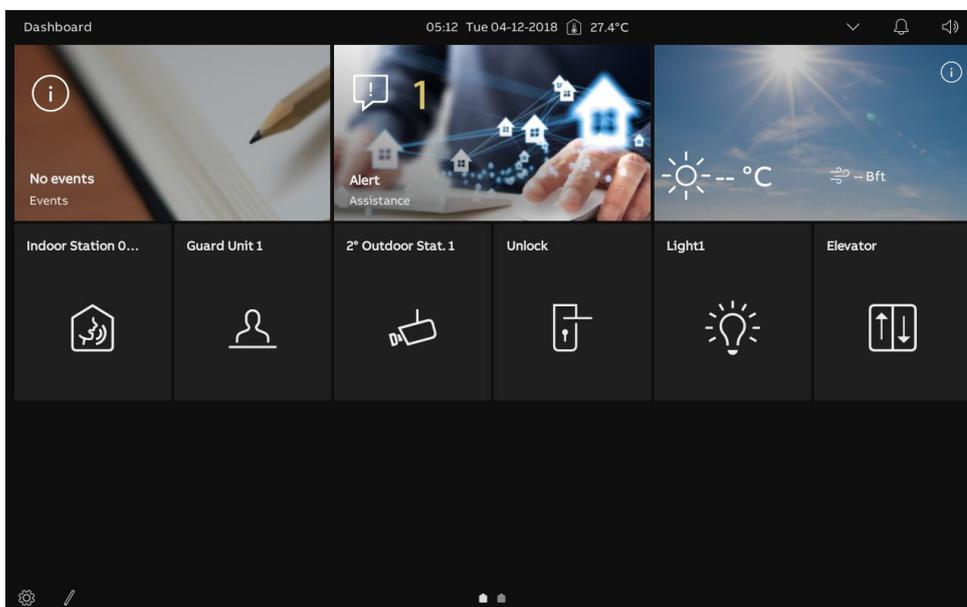
An automatic message will be sent to the accounts that are shared between the family and APP.

Please follow the steps below:

[1] On the dashboard, tap "Alert" to access the corresponding screen.

[2] Tap "Send alert".

[3] "SOS signal has been sent" will be displayed on the screen if successful.

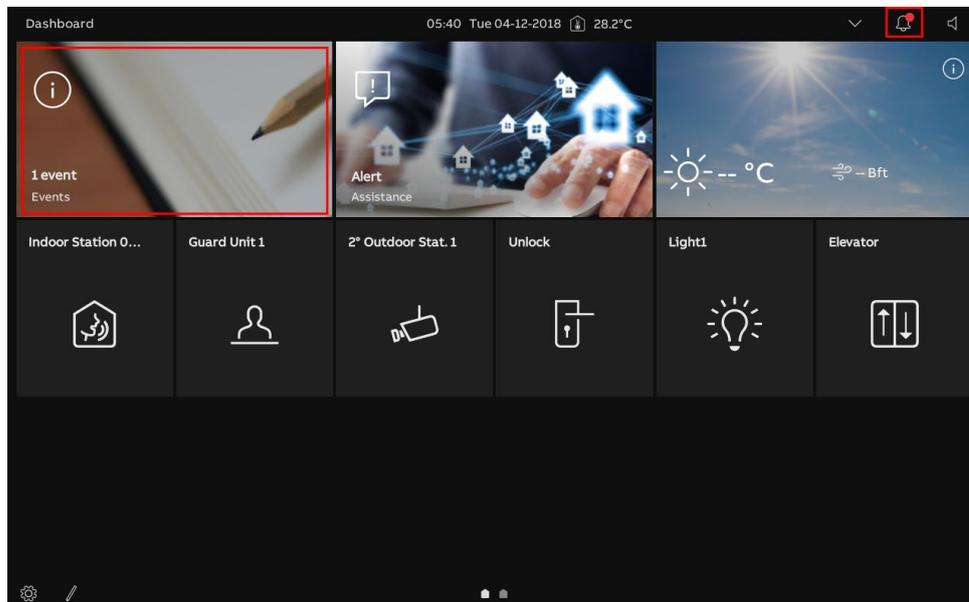


9.11 History

Accessing the "Call History" screen

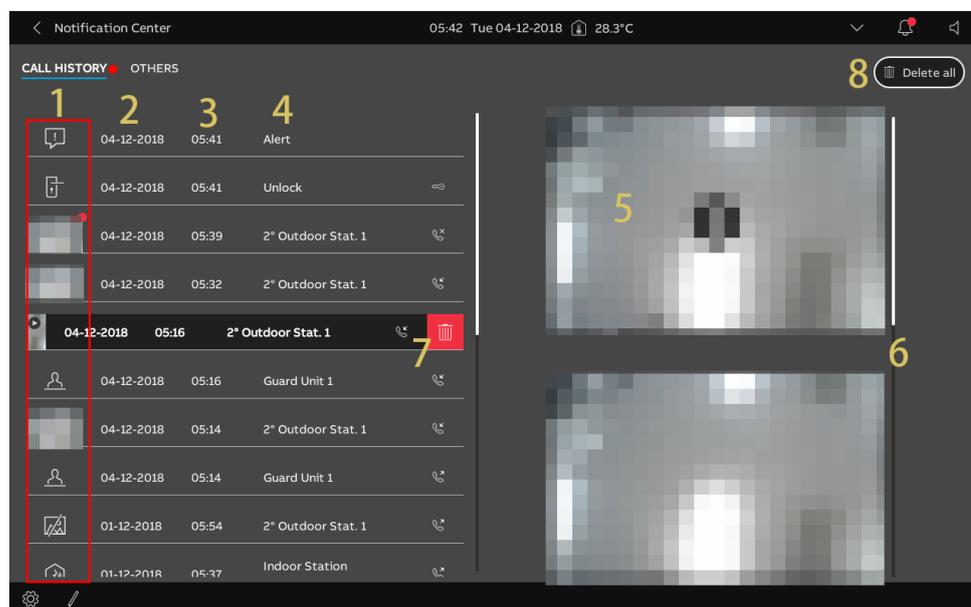
On the dashboard, tap "Events" to access the "Call history" screen.

" " indicates there are missed calls.



Viewing the call records

On the "Call History" screen,

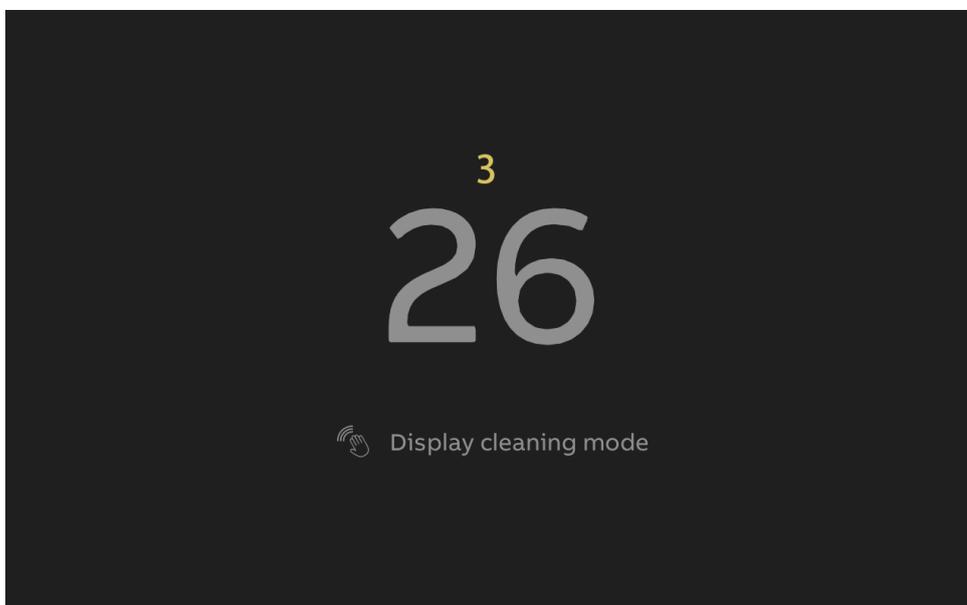
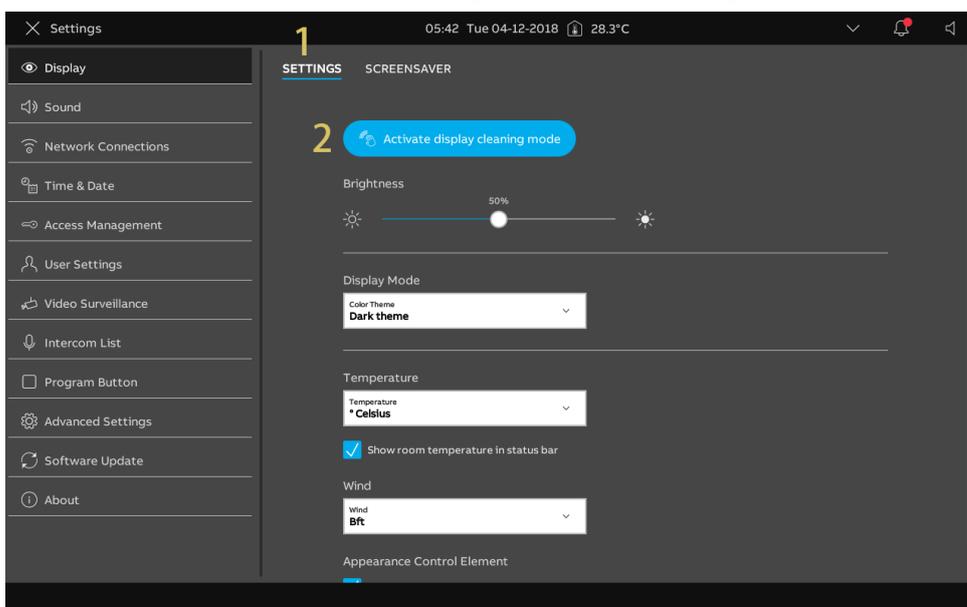


No.	Description
1	<ul style="list-style-type: none"> "▶" indicates that the record contains a video. "●" indicates a missed call. "!" indicates the SOS record "🏠" indicates an intercom "🔑" indicates an unlock "📷" indicates that the record doesn't contain a snapshot "👤" indicates a Guard Unit call
2	Displays the date and the time of the record.
3	Displays the object name
4	<ul style="list-style-type: none"> "📞" = missed call "📞" = incoming call "📞" = outgoing call "🔑" = unlock
5	Play videos or display the images
6	Scroll down to view other videos or images
7	Swipe the designated record to left and tap "🗑️" to remove it.
8	Tap "Delete All" to remove all history records.

9.12 Clean screen

Please follow the steps below:

- [1] On the "Settings", "Display" screen, tap "Settings".
- [2] Tap "Activate display cleaning mode".
- [3] The countdown (30...1) is displayed on the screen. Any operations on the screen will be invalid. This panel will exit "Cleaning mode" if an incoming call is received.

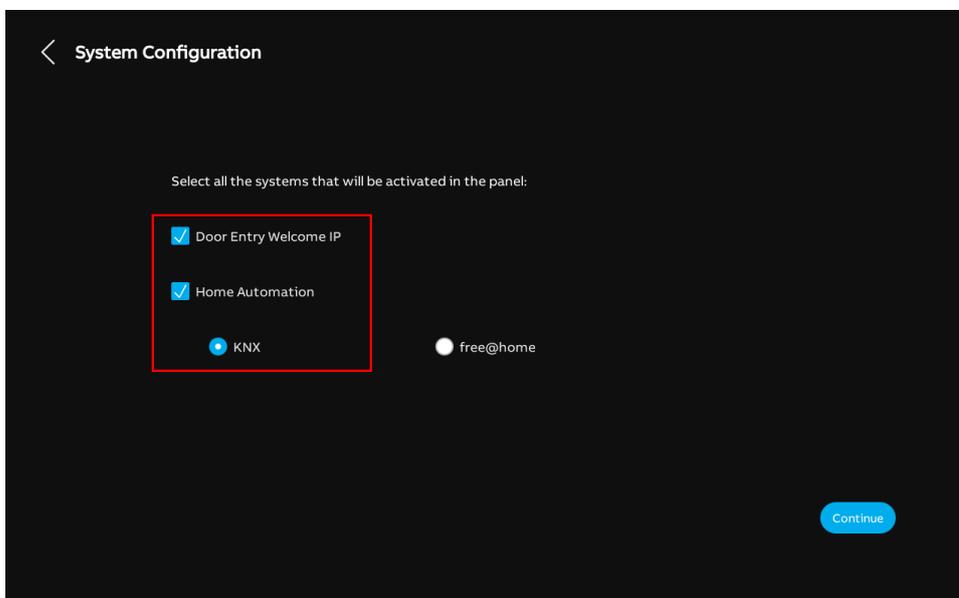
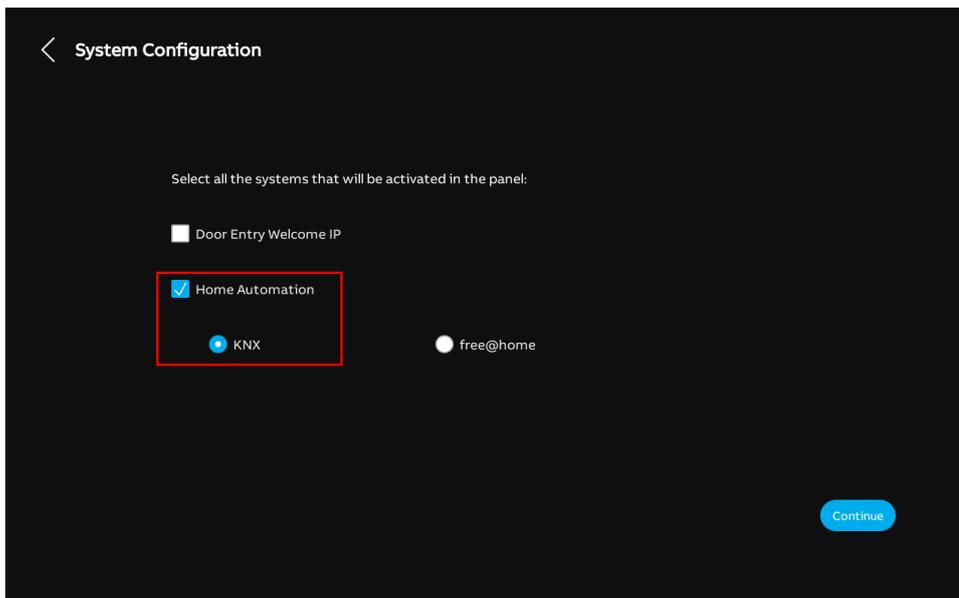


10 Home automation

10.1 KNX settings

10.1.1 Precondition

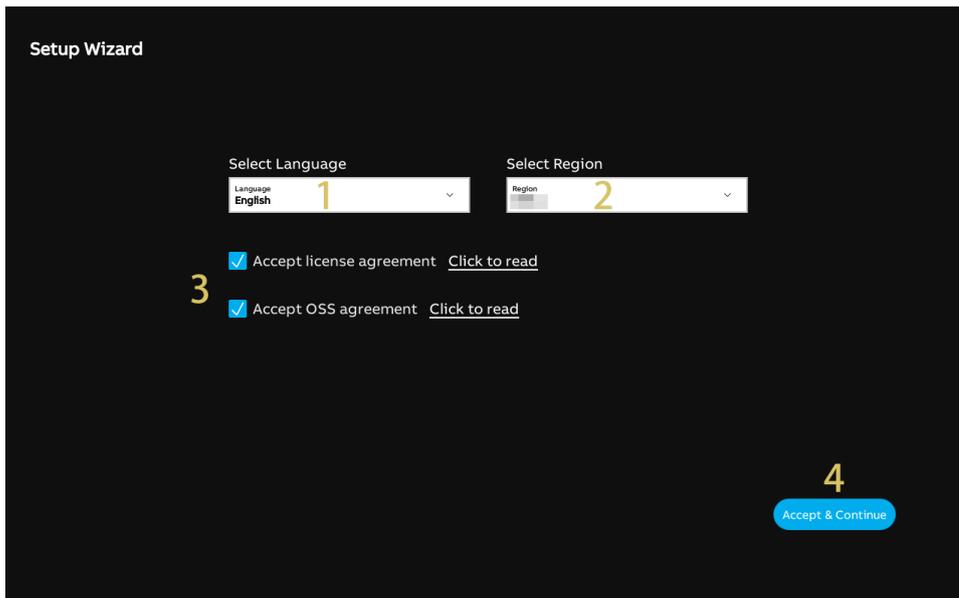
You need to enable the "KNX" function during the Setup Wizard before use.



10.1.2 Setup Wizard - KNX only

Please follow the steps below:

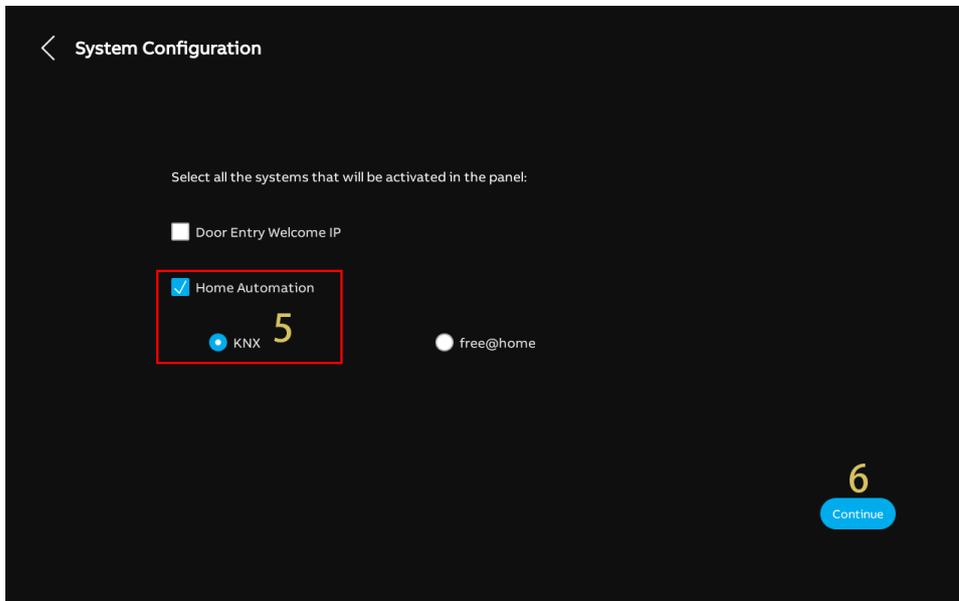
- [1] On the "Setup wizard" screen, select the language from the drop-down list.
- [2] Select the region from the drop-down list.
- [3] Tick the check box to accept the licenses. Or tap "Click to read" to view the details of the license.
- [4] Tap "Accept & Continue" to access the next screen.



[5] On the "System Configuration" screen during the "Wizard Setup",

- Disable the "Door Entry Welcome IP" check box.
- Enable the "Home Automation" check box.
- Enable the "KNX" single choice.

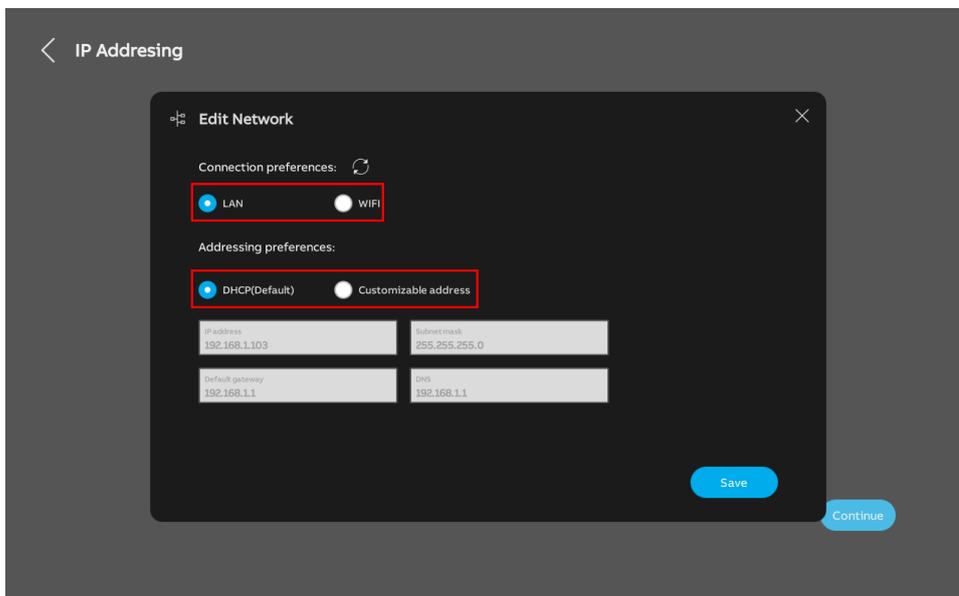
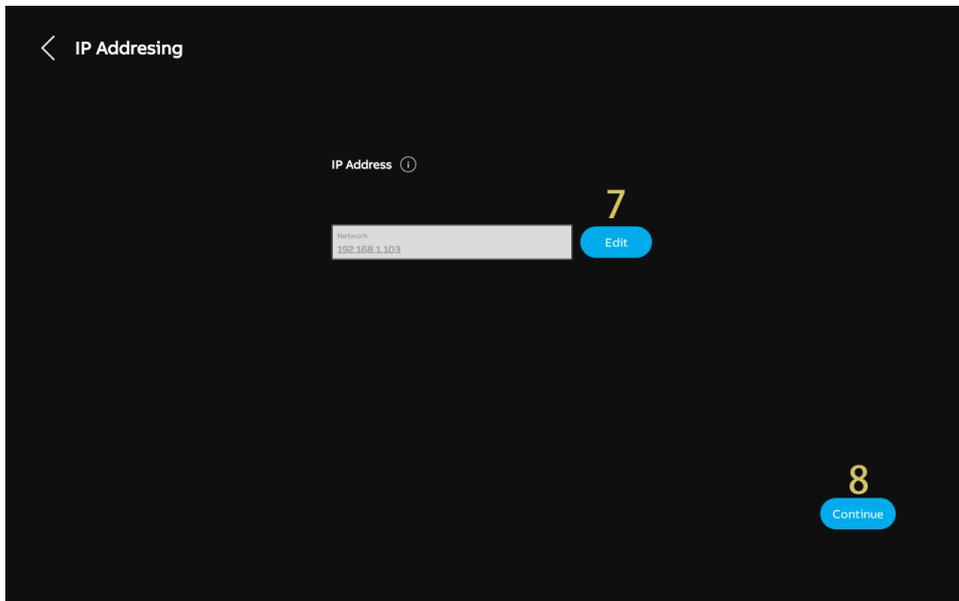
[6] Tap "Continue".



[7] On the "IP Addressing" screen, tap "Edit" to access the corresponding screen.

- Select the connection type, it can be set to "LAN" or "WiFi".
- Select the address type, it can set to "DHCP" or "Customizable address".
- Please tap "Save" if the settings have been changed.

[8] Tap "Continue".



[9] Select the network type. It can be set to "KNX IP Interface" or "KNX IP Router".

- Enter the IP address.

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

- This function must be enabled if an IPS with encryption function is used.
- If the function is enabled, you need to enter the tunnelling password.
- If the function is enabled, you can enter the authentication code (optional).

[11] Configure the DCA connection settings.

- Enter the alias name of this panel.
- Enter the download password.
- Tick the check box to ensure higher security for the communication.

[12] Tap "Continue".

The screenshot shows the 'KNX Configuration' screen with the following settings:

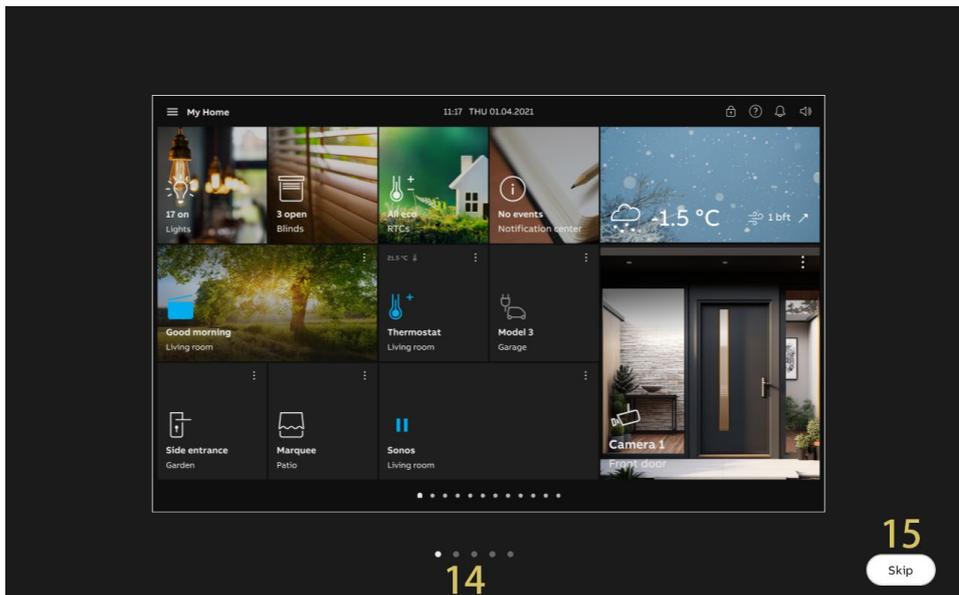
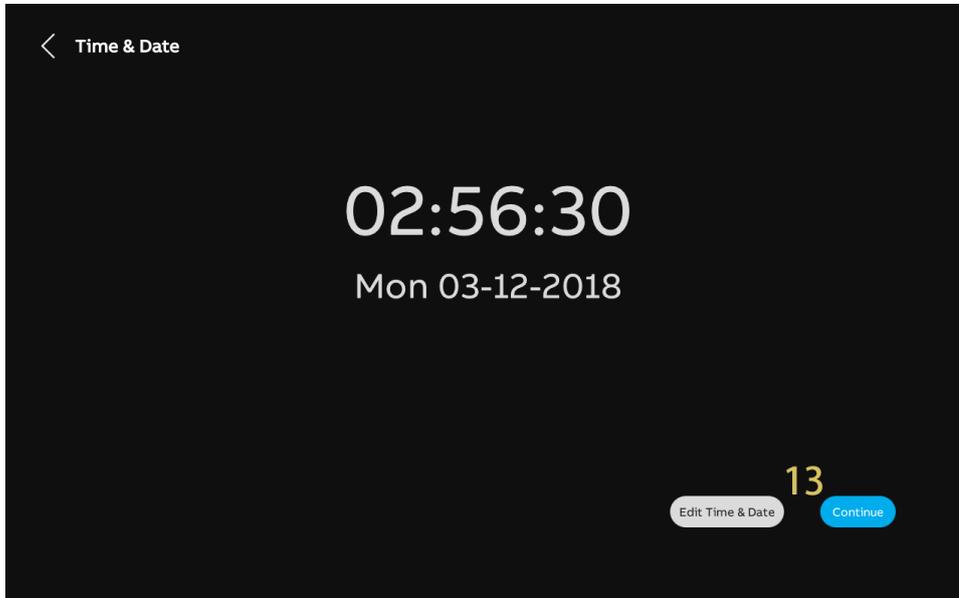
- 9** KNX IP Network setting: KNX IP Interface, KNX IP Router. IP address field is present.
- 10** KNXnet/IP secure: Tunneling channel password and Authentication Code fields are present.
- 11** DCA connection setting: Device name field contains 'IPTouch10_1', Online download password field is present, and Only Secure communication is selected.
- 12** Continue button is visible at the bottom right.

[13] On the "Time & date" screen, you can carry out this setting at this time or tap "Continue" to skip this setting for the moment.

- For more details, see chapter 8.3.7 "Time and date settings" on page 89.

[14] There are 5 screens to guide you on how to use the panel.

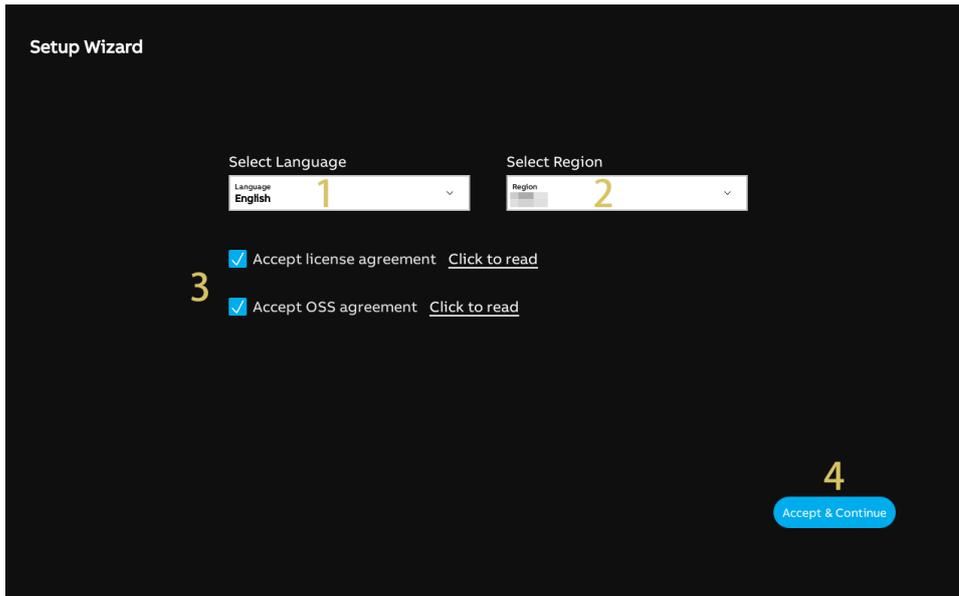
[15] Tap "Skip" if you are already familiar with the panel.



10.1.3 Setup Wizard - Door Entry System with KNX

Please follow the steps below:

- [1] On the "Setup wizard" screen, select the language from the drop-down list.
- [2] Select the region from the drop-down list.
- [3] Tick the check box to accept the licenses. Or tap "Click to read" to view the details of the license.
- [4] Tap "Accept & Continue" to access the next screen.



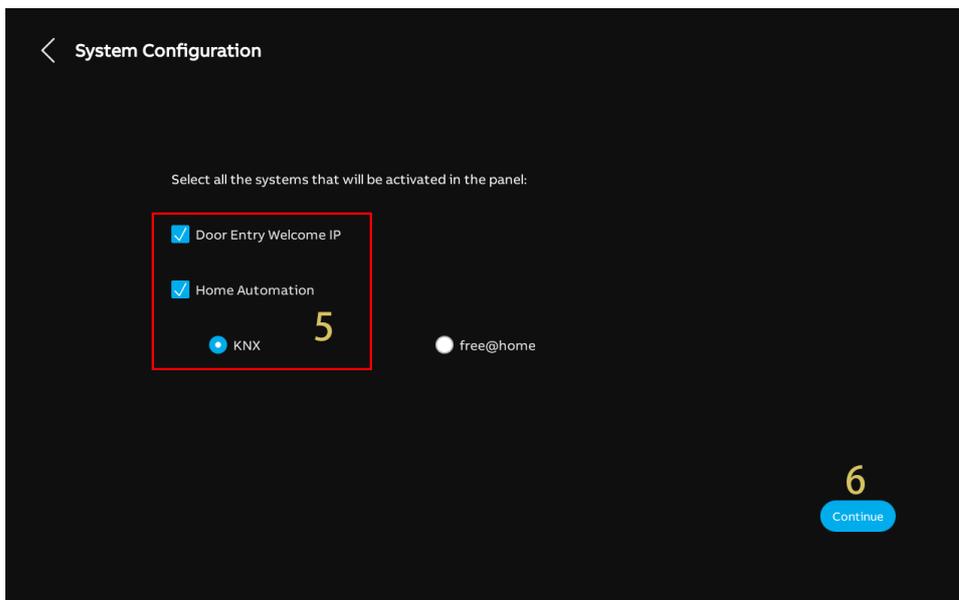
[5] On the "System Configuration" screen during the "Wizard Setup",

- Enable the "Door Entry Welcome IP" check box.
- Enable the "Home Automation" check box.
- Enable the "KNX" single choice.

[6] Tap "Continue".

Other settings please refer to the following chapters for more details.

- For more details about "Door Entry System", see chapter 8.2 "Setup wizard - Door Entry System only" on page 33.
- For more details about "KNX", see chapter 10.1.2 "Setup Wizard - KNX only" on page 208.



10.1.4 Viewing the information

Please follow the steps below:

[1] On the dashboard, tap "Dashboard".

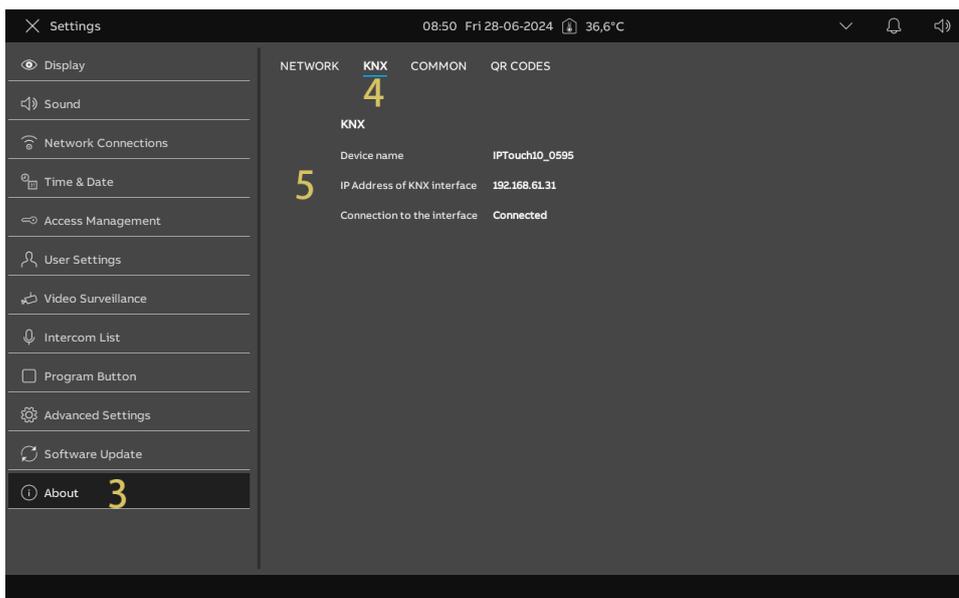
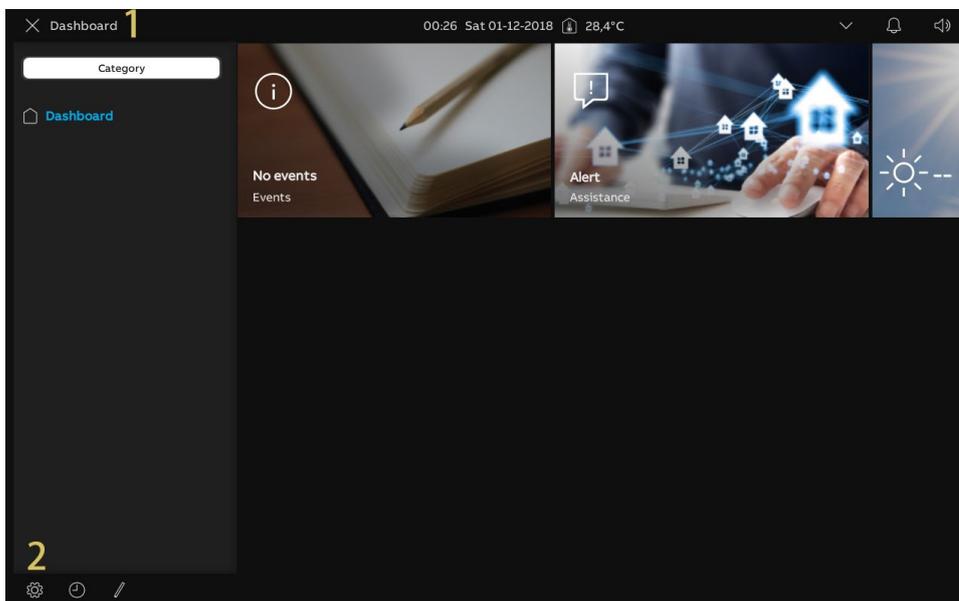
[2] Tap "⚙️".

[3] Tap "About".

[4] Tap "KNX".

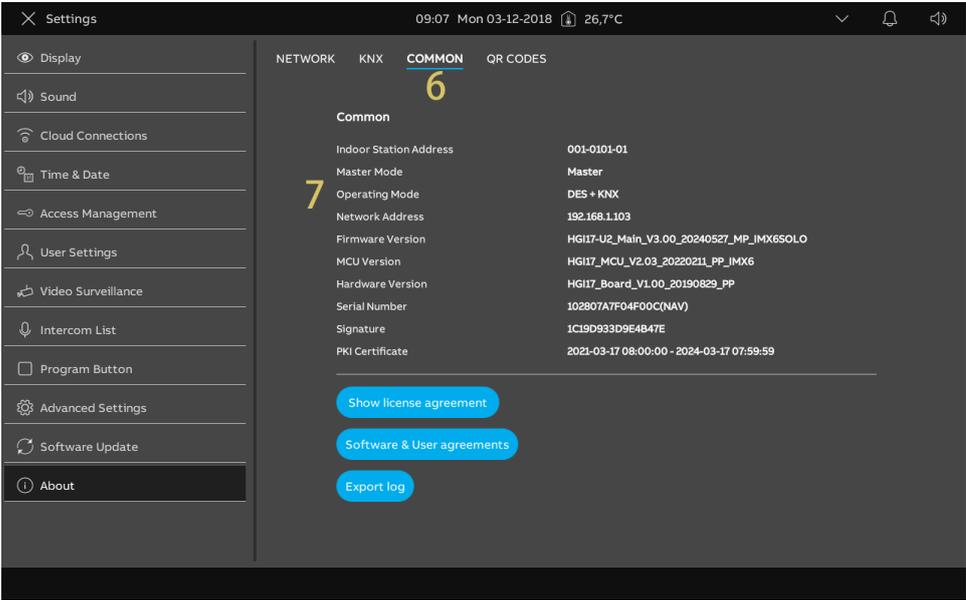
[5] The basic KNX information will be displayed:

- Device name
- IP address of KNX interface
- Connection status



[6] Tap "Common".

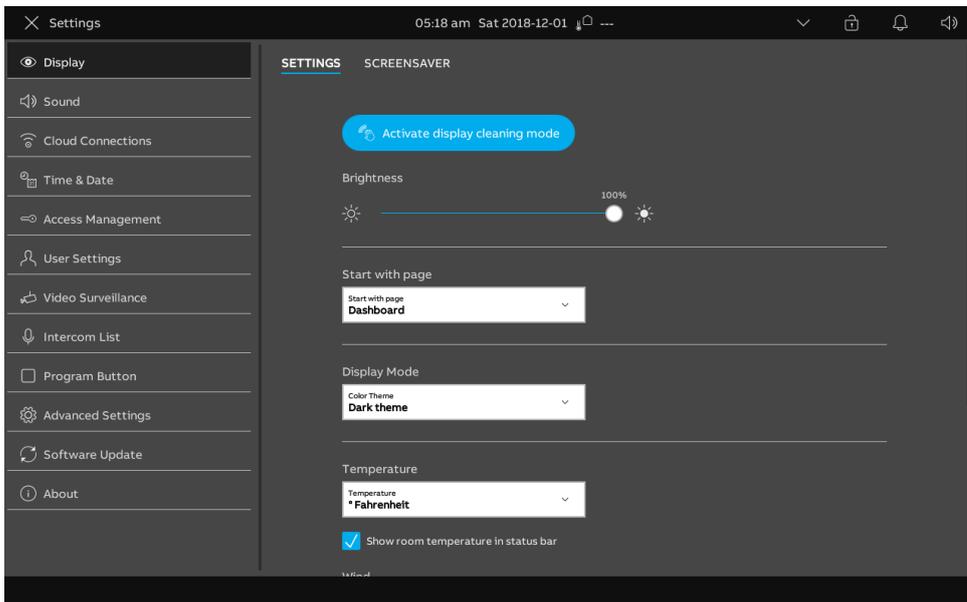
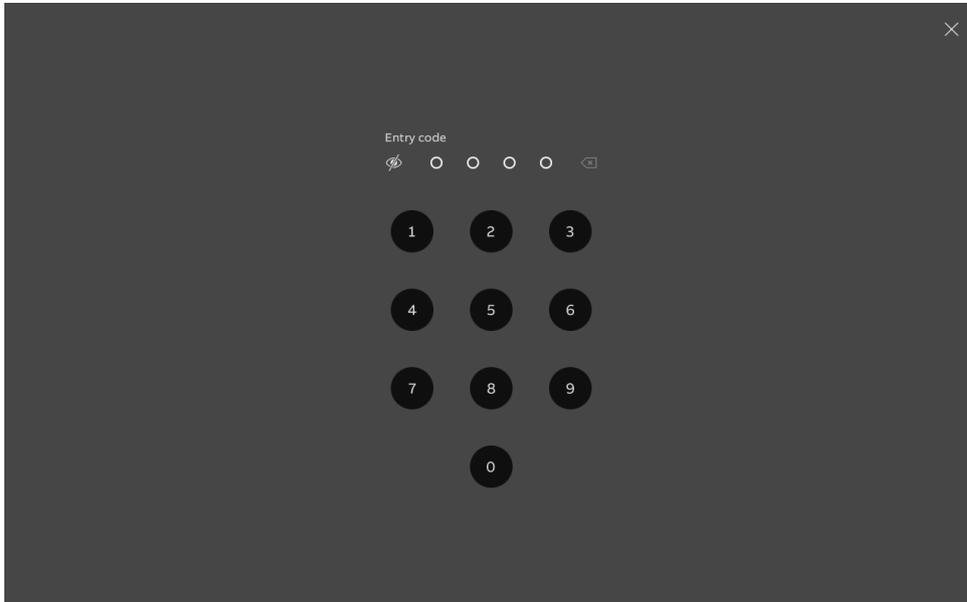
[7] Check the operating mode.



10.1.5 Configuring the system code

If the function "Enable system settings for end customer" is set to "With code" via the ETS tool, you need to enter the system code when accessing the "Settings" screen.

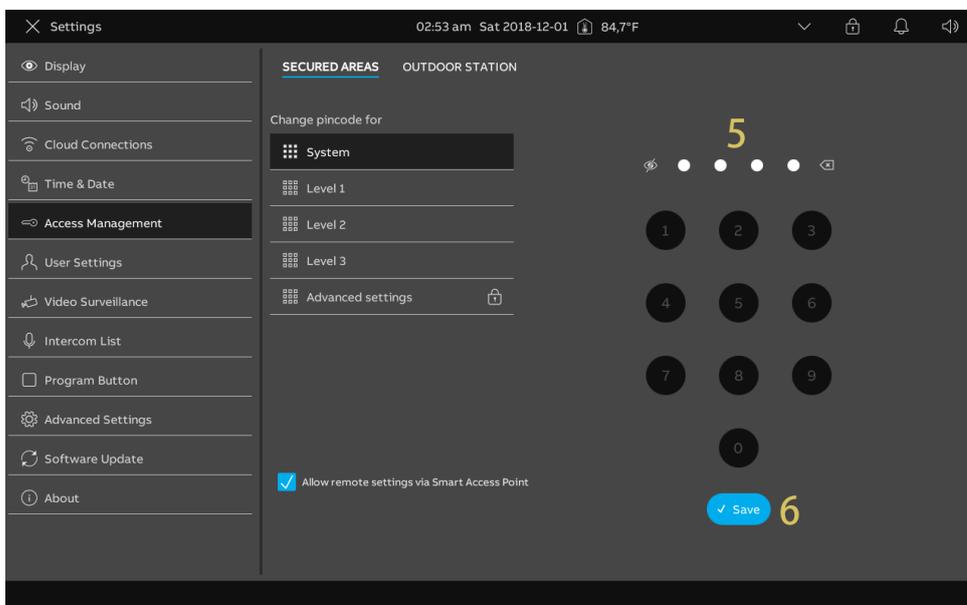
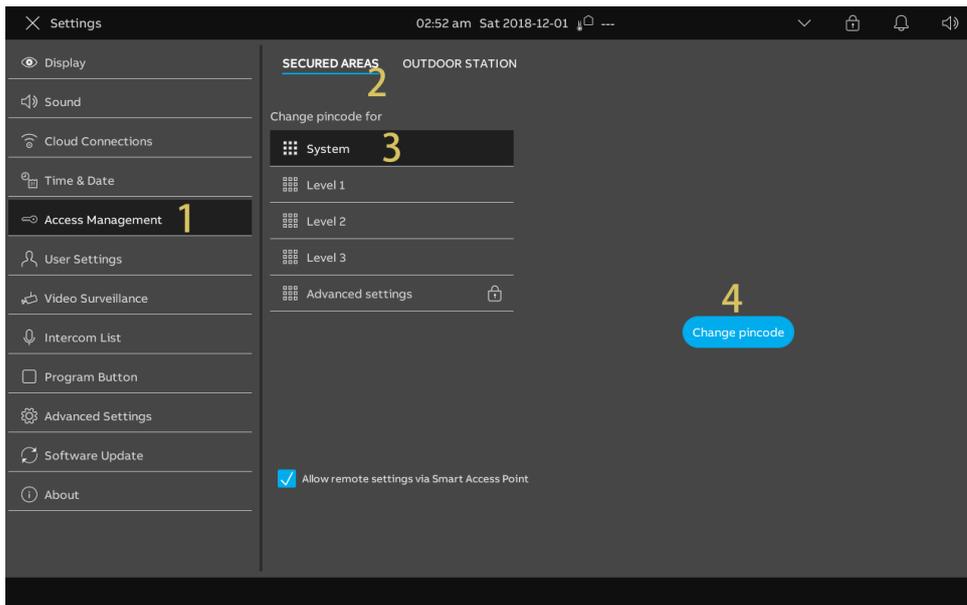
- The original system code is "0000".



You can change the system code on the "Settings" screen.

Please follow the steps below:

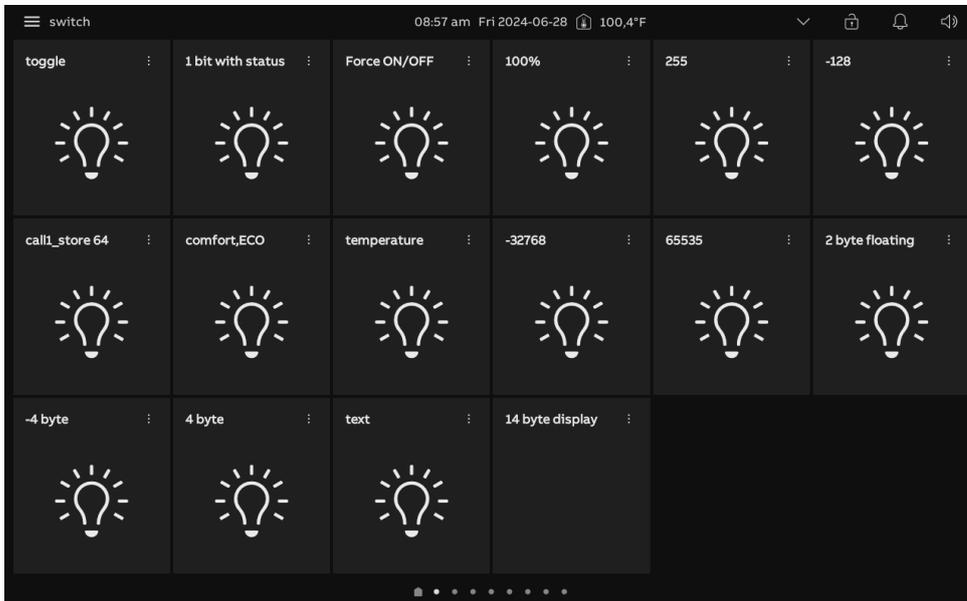
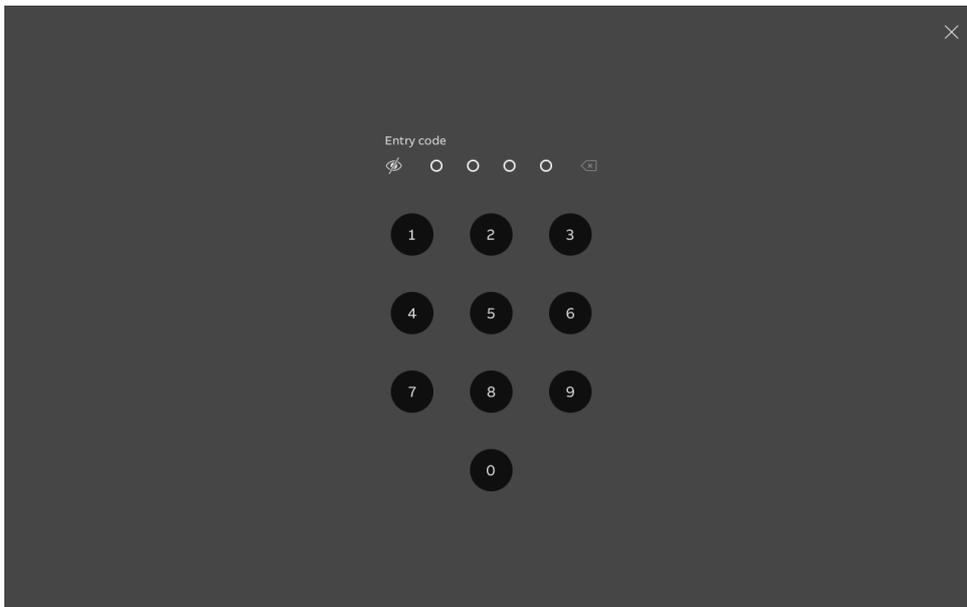
- [1] On the "Settings" screen, tap "Access Management".
- [2] Tap "Secured Areas".
- [3] Tap "System".
- [4] Tap "Change pincode".
- [5] Enter the new password (original password is "0000").
- [6] Tap "Save".



10.1.6 Configuring the pin codes

If the function "PIN-Codes can be changed by end customer" is enabled via the ETS tool, you need to enter the pin code to view the device screen.

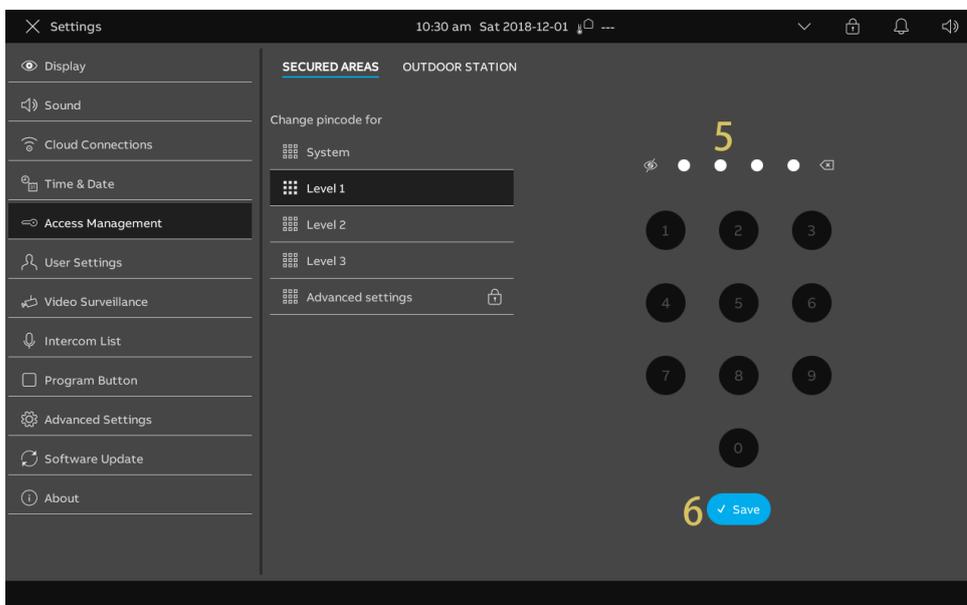
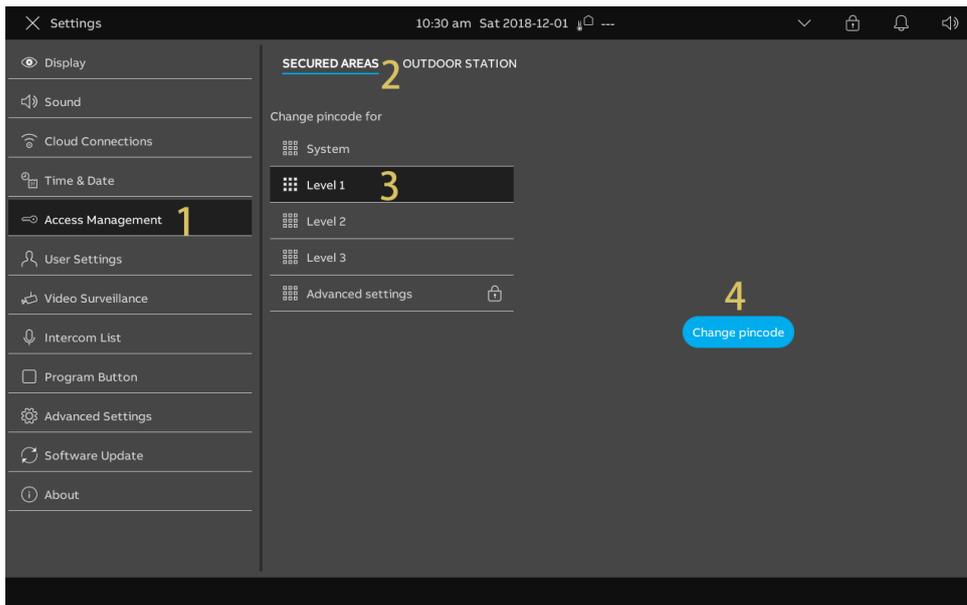
- The original pin code level 1 is "1111".
- The original pin code level 3 is "2222".
- The original pin code level 3 is "3333".



You can change the pin code on the "Settings" screen.

Please follow the steps below:

- [1] On the "Settings" screen, tap "Access Management".
- [2] Tap "Secured Areas".
- [3] Tap "System".
- [4] Tap "Change pincode".
- [5] Enter the new password (original password is "0000").
- [6] Tap "Save".

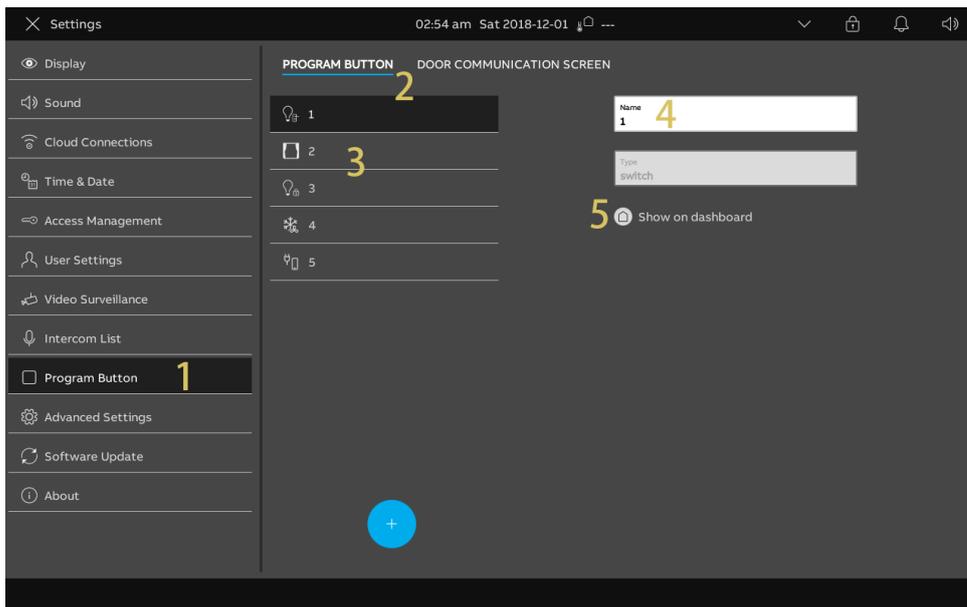


10.1.7 Configuring program buttons

Adding program buttons

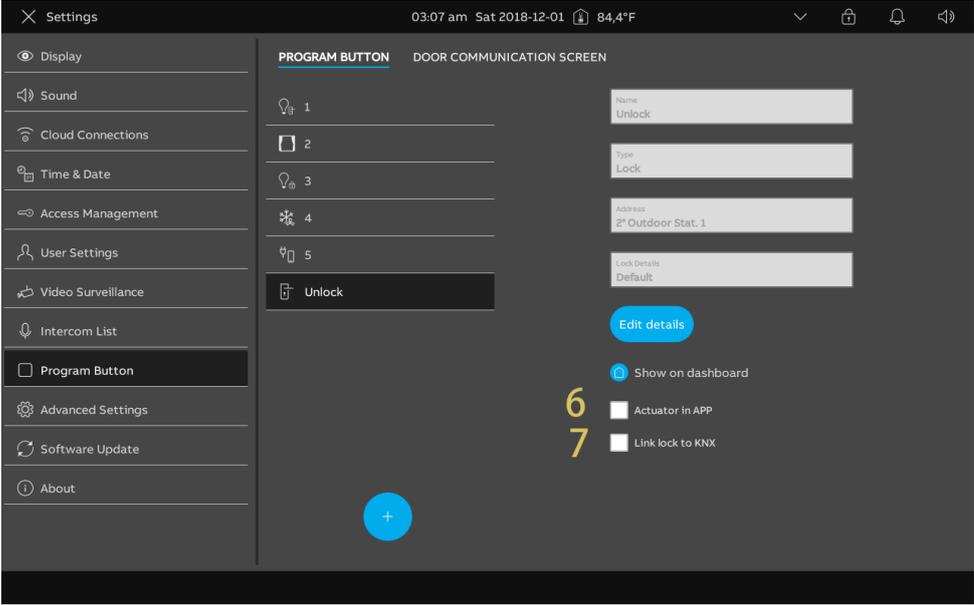
Please follow the steps below:

- [1] On the "Settings" screen, tap "Program Button".
- [2] Tap "Program Button".
- [3] The program buttons configured via ETS tool will be displayed.
- [4] Tap the designated program button to change the name.
- [5] Tap "🏠" to show the program button on the dashboard.



[6] If "Actuator in APP" is enabled, this IP Actuator will be displayed on the APP screen. Only one IP Actuator can enable this function.

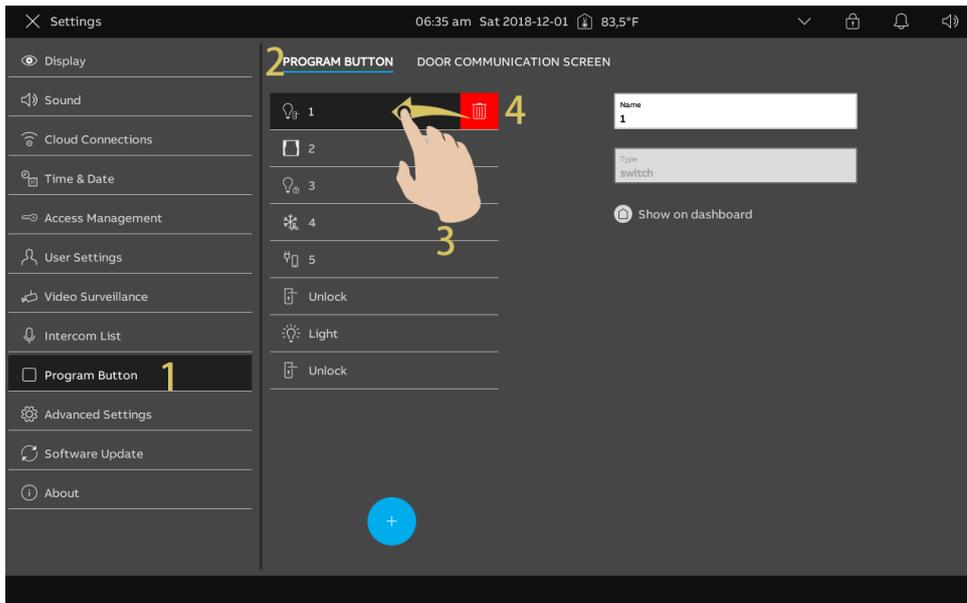
[7] If "Link lock to KNX" is enabled, the IP Actuator or the Outdoor Station will release the lock or turn on a light when a KNX control happens. Only one device can enable this function.



Removing a program button

Please follow the steps below:

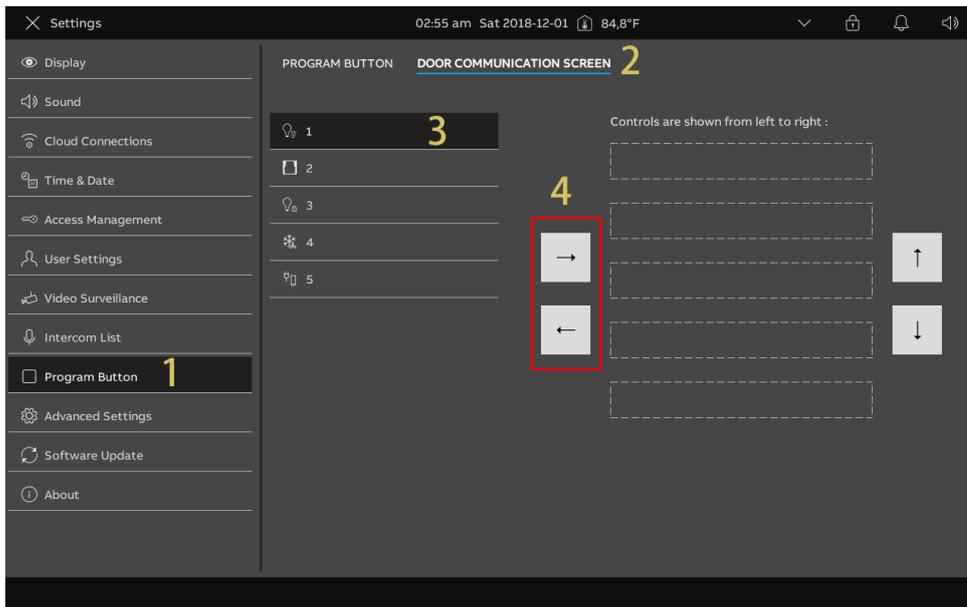
- [1] On the "Settings" screen, tap "Program Button".
- [2] Tap "Program Button".
- [3] Swipe the relevant program button to the left.
- [4] Tap "  " to remove it.



Adding program buttons to the door communication screen

Please follow the steps below:

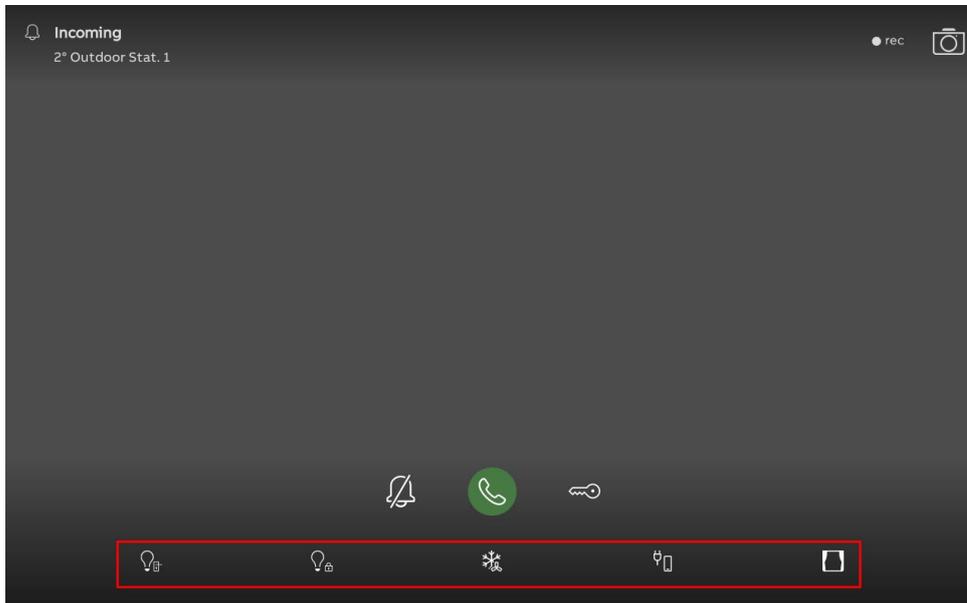
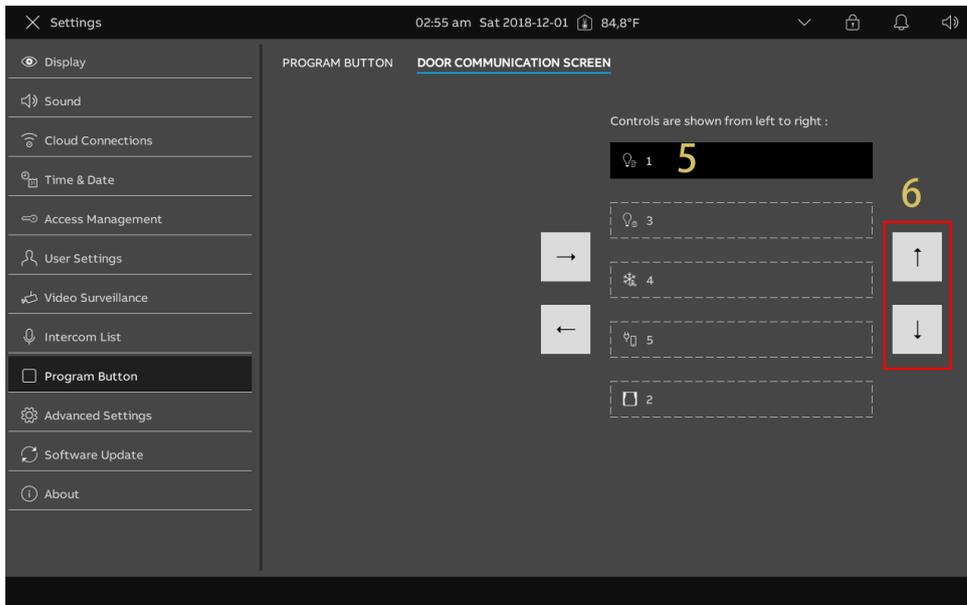
- [1] On the "Settings" screen, tap "Program button".
- [2] Tap "Door Communication Screen".
- [3] Select the designated program button.
- [4] Edit the control list displayed on door communication screen:
 - Tap "→" to add this program button to the list.
 - Tap "←" to remove this program button from the list.
 - Up to 5 program buttons can be added to the list.



[5] Select the designated program button.

[6] Adjust the order of the program buttons on the control list:

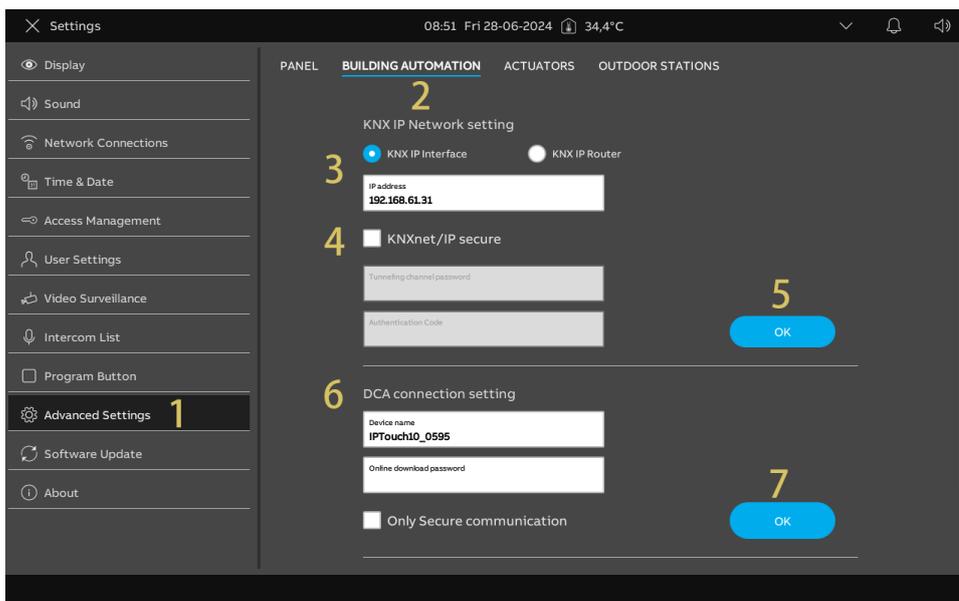
- Tap " ↑ " to move up the program button.
- Tap " ↓ " to move down the program button.
- The designated program buttons will be display according to the control list on the door communication screen.



10.1.8 Configuring the advanced settings

Please follow the steps below:

- [1] On the "Settings" screen, tap "Advanced Settings", enter the advanced password (The system default advanced password is 345678) to access the "Advanced Settings" screen.
- [2] On the "Advanced Settings" screen, tap "Building Automation".
- [3] Select the network type. It can be set to "KNX IP Interface" or "KNX IP Router".
 - Enter the IP address.
- [4] Tick/untick the check box to enable/disable the function.
 - This function must be enabled if an IPS with encryption function is used.
 - If the function is enabled, you need to enter the tunnelling password.
 - If the function is enabled, you can enter the authentication code (optional).
- [5] Tap "OK" to save the changes.
- [6] Configure the DCA connection settings.
 - Enter the alias name of this panel.
 - Enter the download password.
 - Tick the check box to ensure higher security for the communication.
- [7] Tap "OK" to save the changes.



10.1.9 Configuring the home automation devices

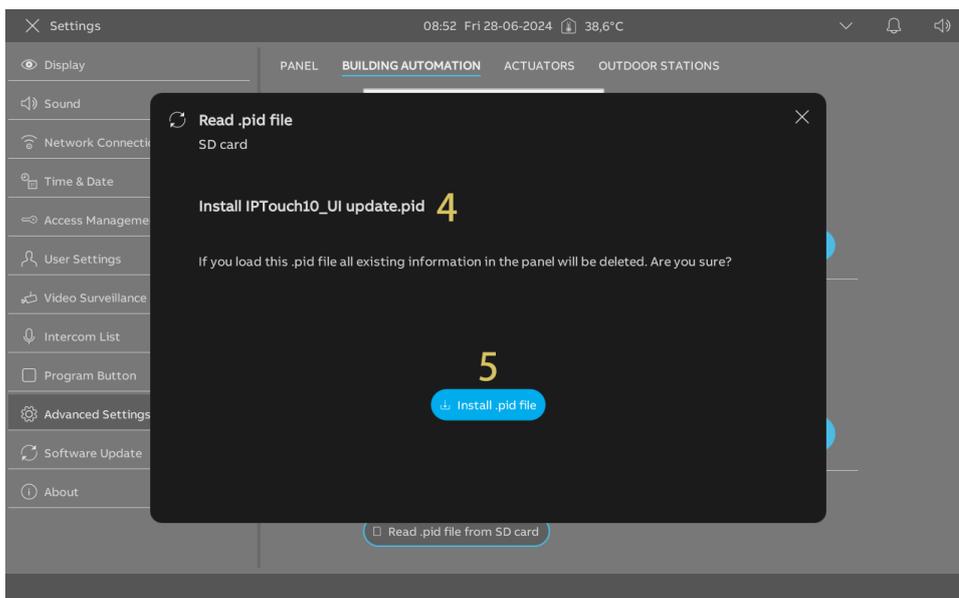
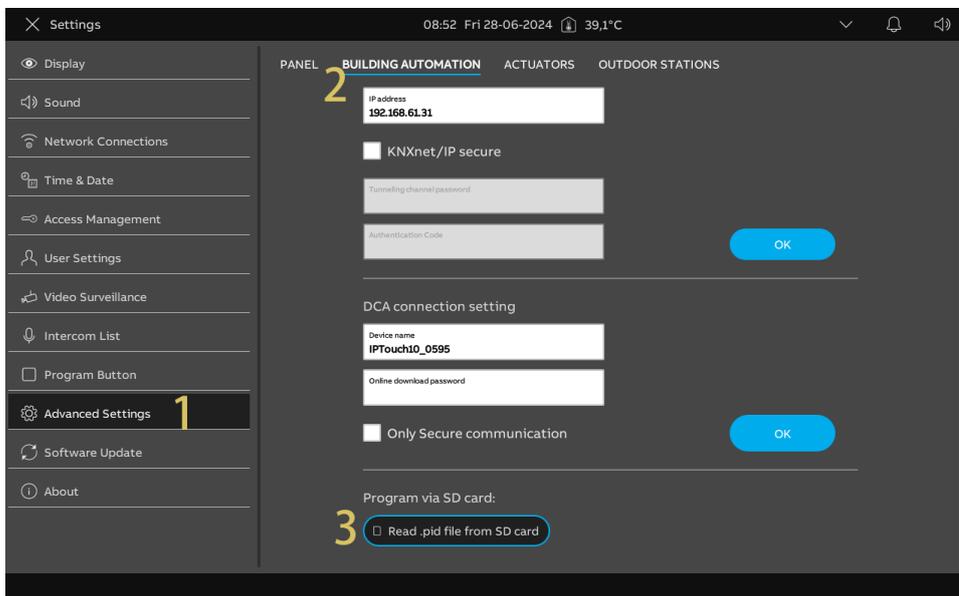
There are 2 ways to configure the home automation devices.

Option 1: Read the .pid file from SD card on the panel

Please ensure that the .pid file has been stored on the SD card and this SD card has been inserted into the panel.

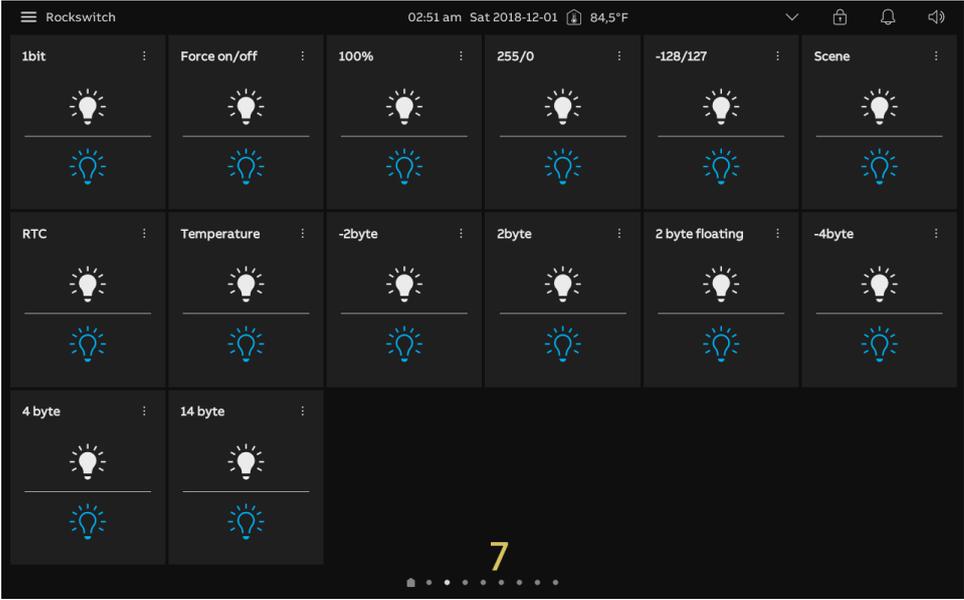
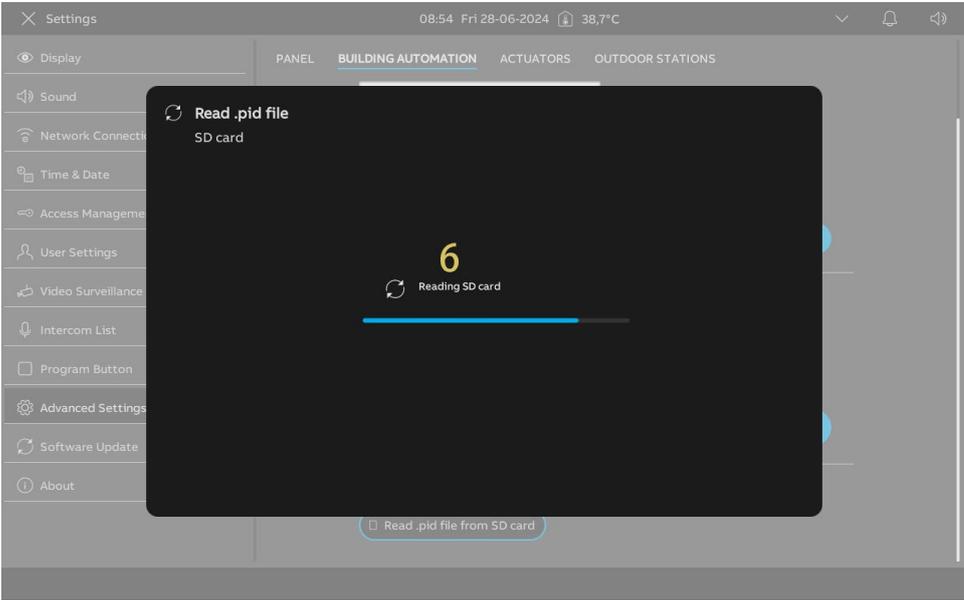
Please follow the steps below:

- [1] On the "Settings" screen, tap "Advanced Settings", enter the advanced password (The system default advanced password is 345678) to access the "Advanced Settings" screen.
- [2] On the "Advanced Settings" screen, tap "Building Automation".
- [3] Tap "Read .pid file from SD card".
- [4] Find the designated .pid file on the SD card.
- [5] Tap "Install .pid file".



[6] "Reading SD card" will be displayed.

[7] KNX devices have been configured on the panel successfully.

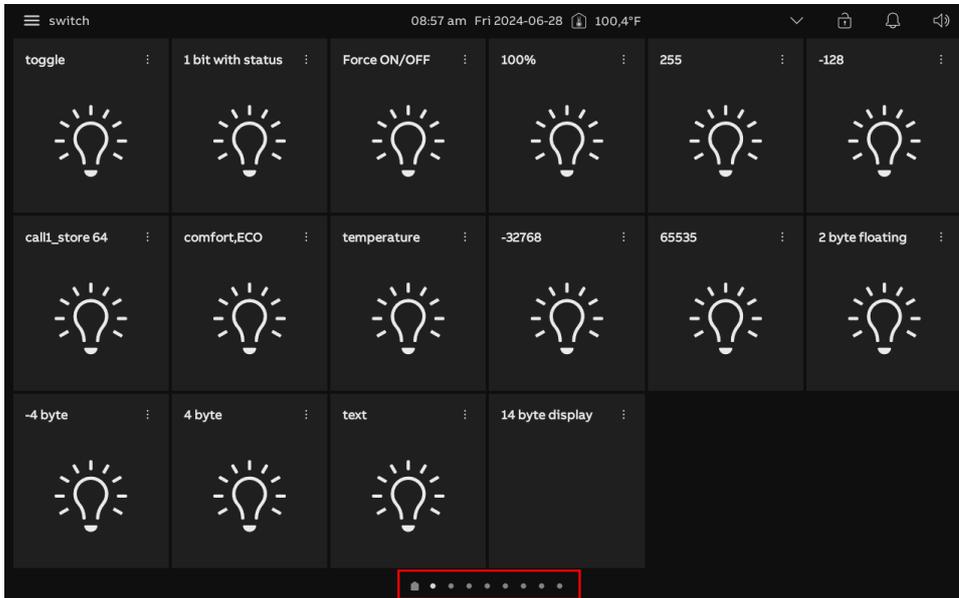


Option 2: ETS tools download the .pid file to the panel

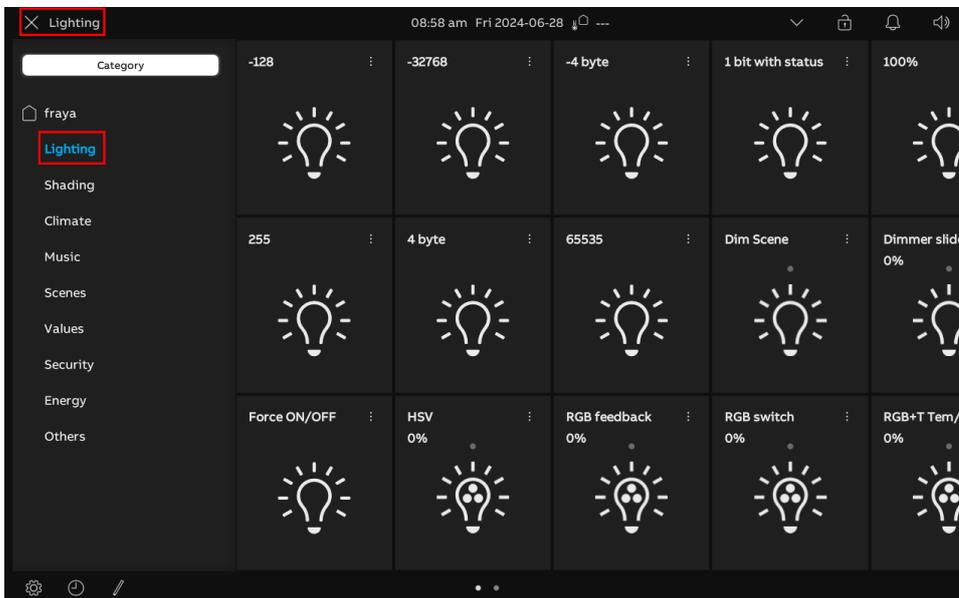
Please see the ETS product manual.

10.1.10 Viewing the home automation devices

You can swipe the screen to left or right to view the home automation devices.



Or click "☰", followed by "Category", then click the device type to view the home automation devices.



10.1.11 Configuring the KNX timers

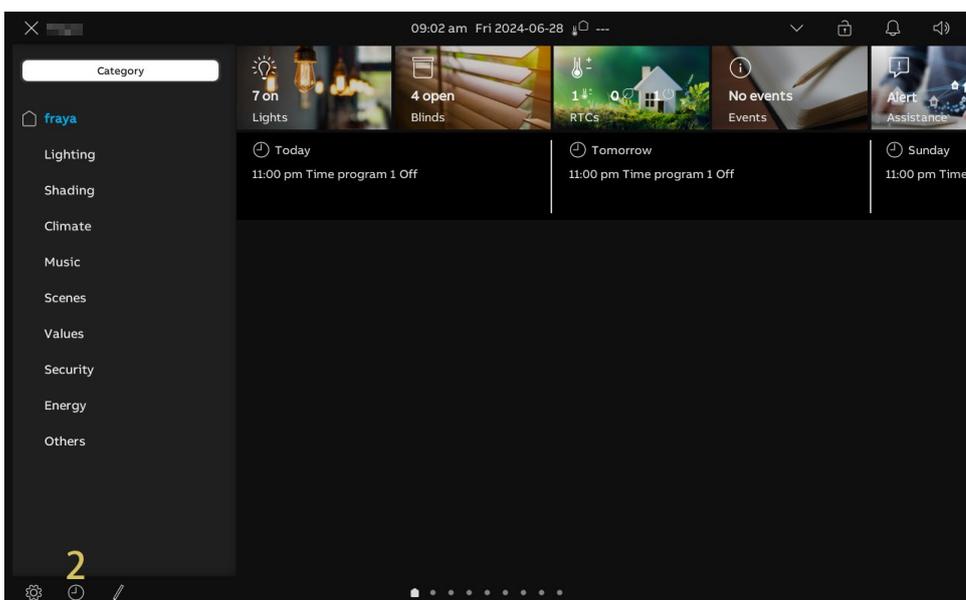
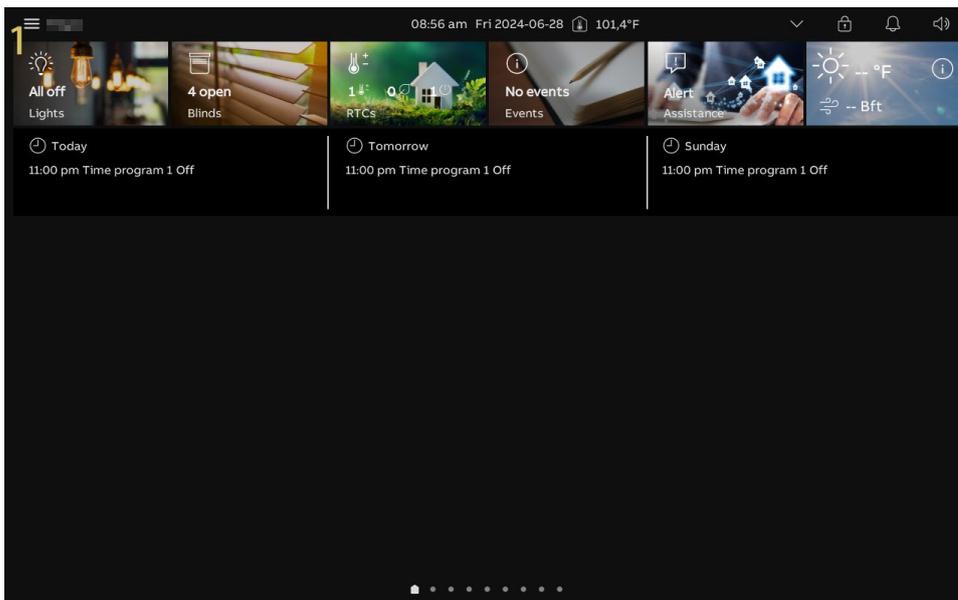
You can use the "KNX timer" function to control the KNX devices automatically during the designated period.

Access the "KNX timer" screen

Please follow the steps below:

[1] On the dashboard, tap "☰".

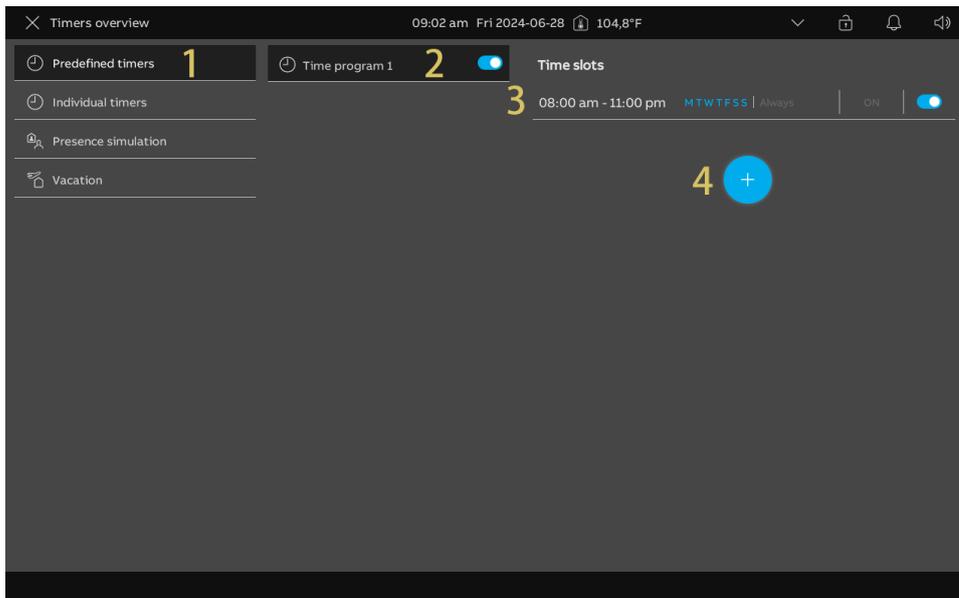
[2] Tap "🕒" to access the corresponding screen.



Predefined timers

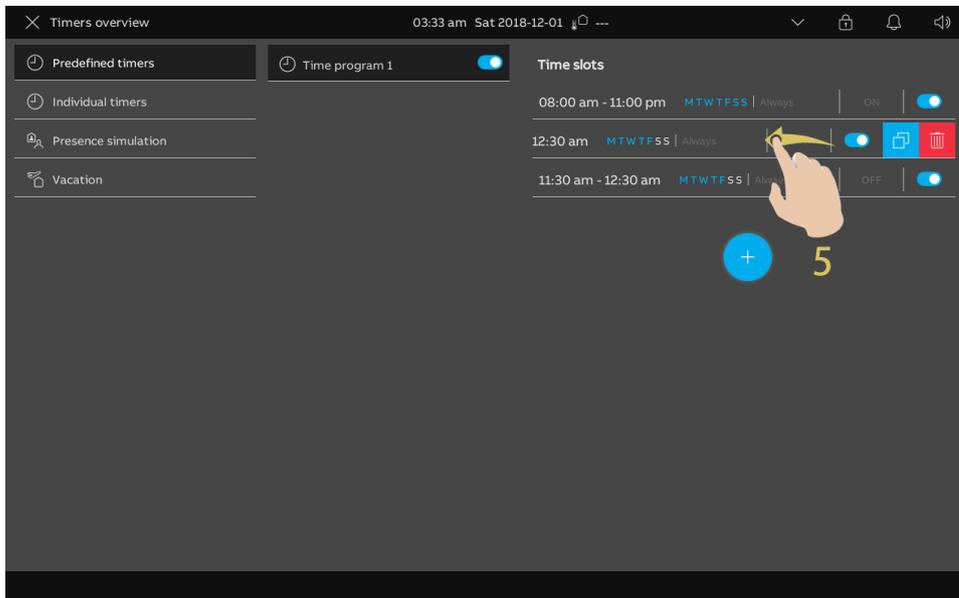
Please follow the steps below:

- [1] On the "Timers overview" screen, tap "Predefined timers".
- [2] The predefined timer via ETS tool will be displayed.
 - Tap "  " to enable or disable the timer of the device.
- [3] The time slots will also be displayed.
 - A maximum of 10 timers can be set.
 - Tap "  " to enable or disable each timer.
- [4] Tap "  " to add a new timer for the device.



[5] Swipe the timer to the left to display more operations.

- Tap "  " to enable or disable each timer.
- Tap "  " to duplicate a new timer.
- Tap "  " to remove the timer.



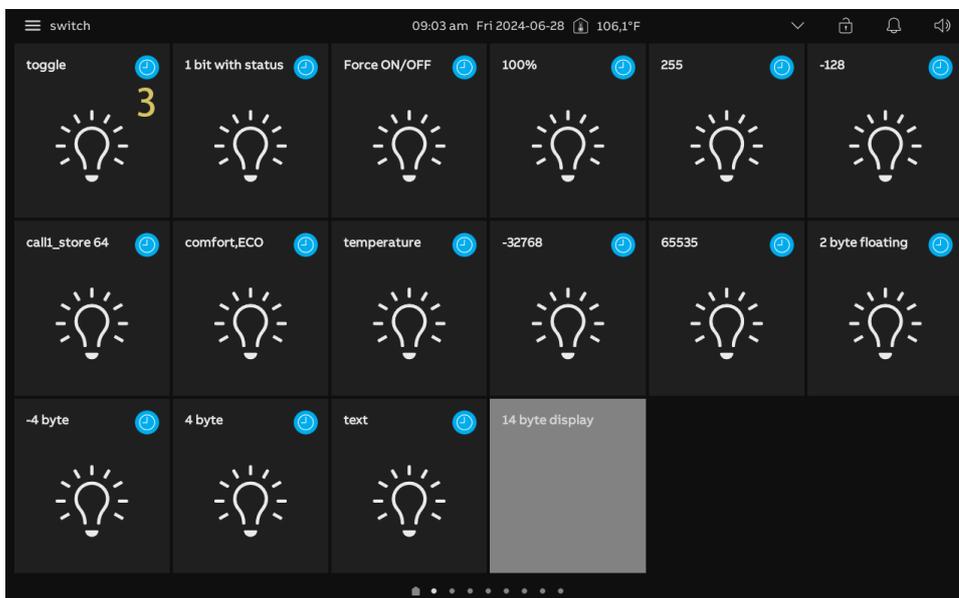
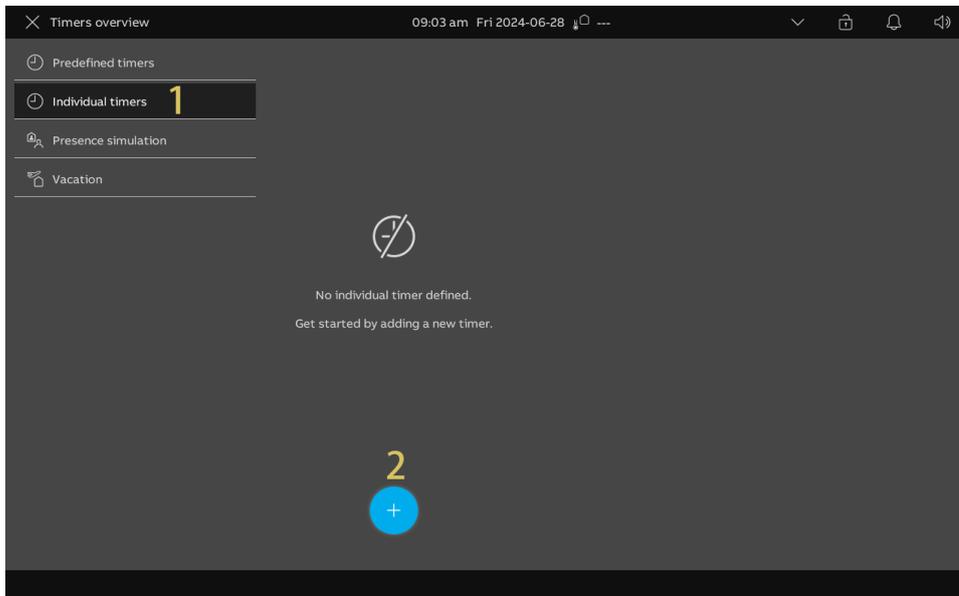
Individual timers

Please follow the steps below:

[1] On the "Timers overview" screen, tap "Individual timers".

[2] Tap " + " to add a new timer.

[3] Find the designated device, tap " ⌵ ".



[4] Tap the icon to control the device.

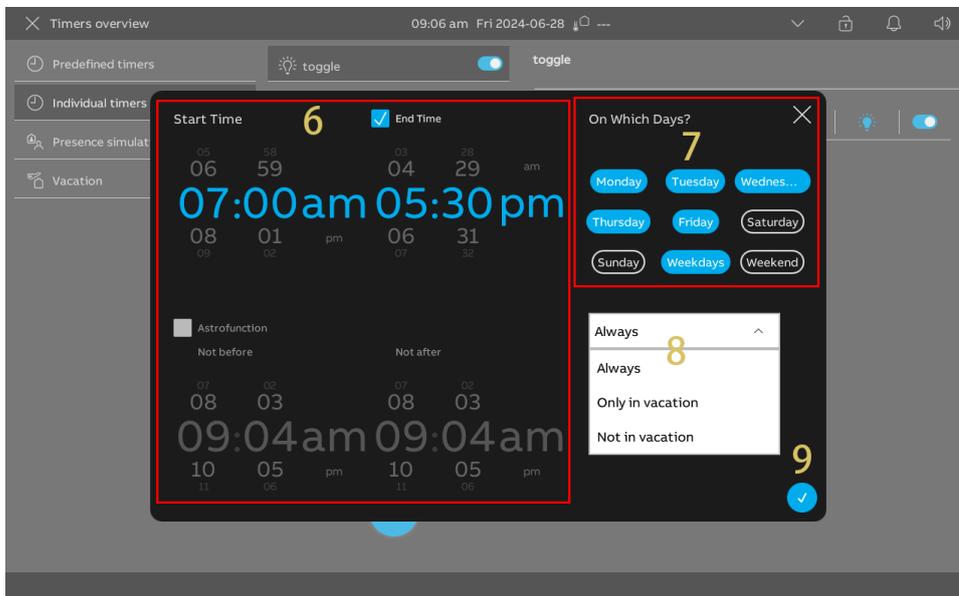
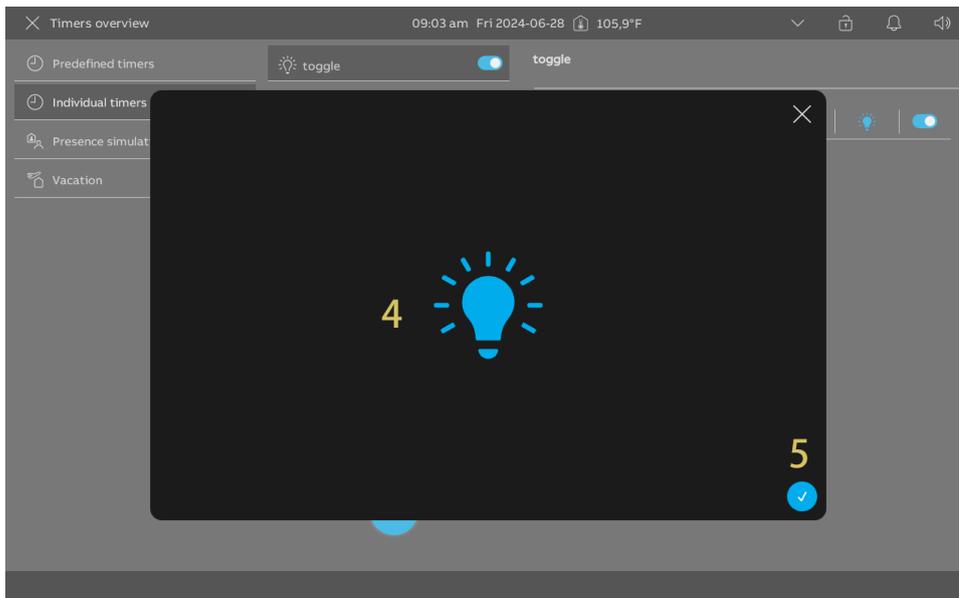
[5] Tap "✓".

[6] Set the time for the timer.

[7] Set the effective days for the timer.

[8] Set the effective period. It can be set to "Always", "Only in vacation" or "Not in vacation".

[9] Tap "✓".



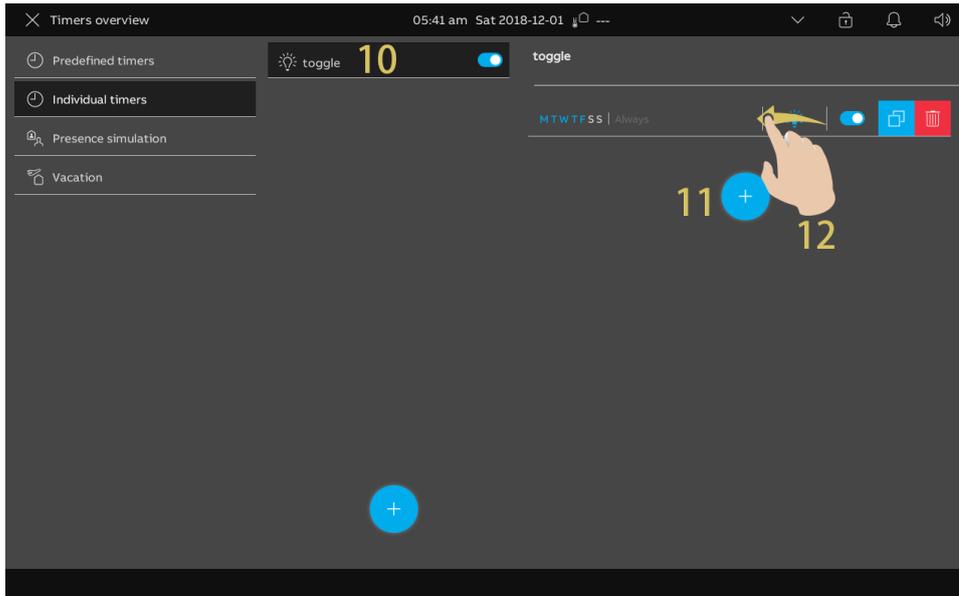
[10]The timer will be displayed.

[11]Tap " + " to add a new timer.

- A maximum of 10 timers can be set.

[12]Swipe the timer to the left to display more operations.

- Tap "  " to enable or disable each timer.
- Tap "  " to duplicate a new timer.
- Tap "  " to remove the timer.



Presence simulation

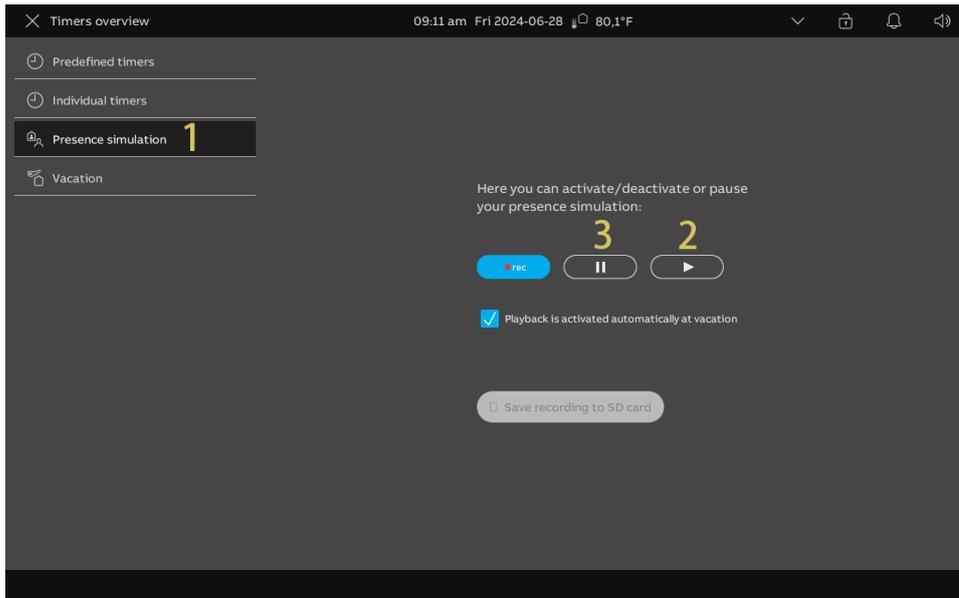
You need to record a set of operations before use.

Please follow the steps below:

[1] On the "Timers overview" screen, tap "Presence simulation".

[2] Tap "▶" to activate the presence simulation.

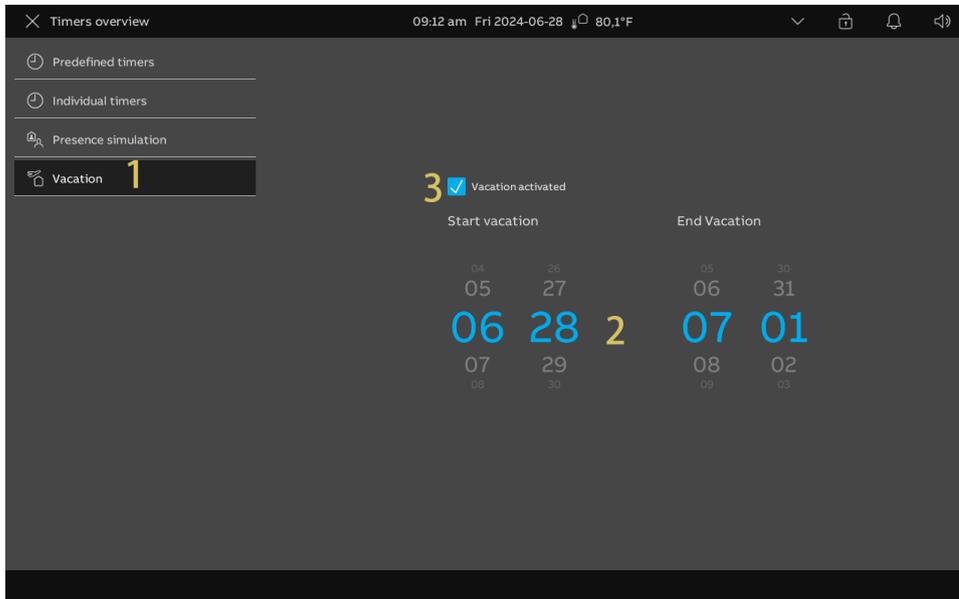
[3] Tap "⏸" to deactivate the presence simulation.



Vacation setting

Please follow the steps below:

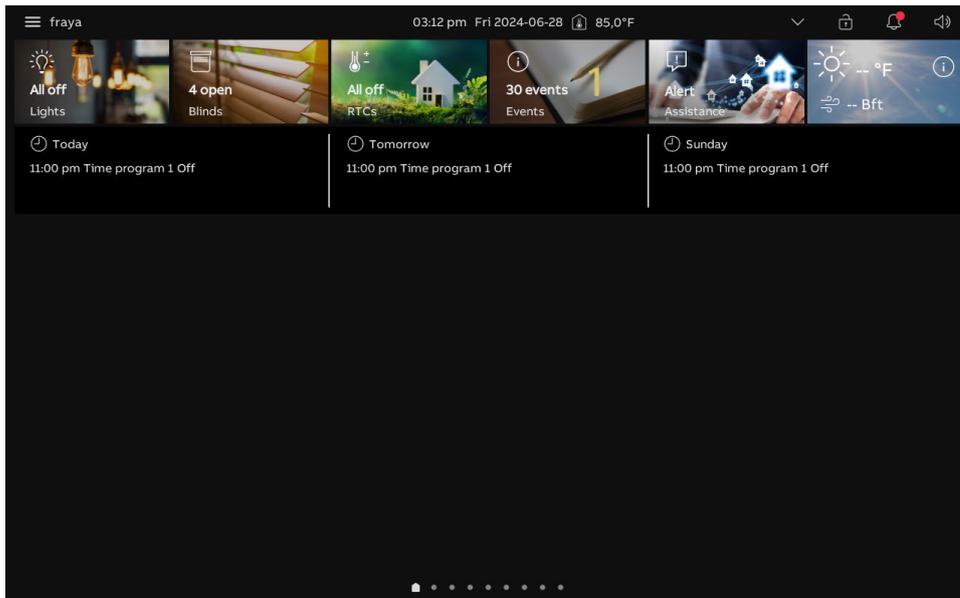
- [1] On the "Timers overview" screen, tap "Vacation".
- [2] Set the start time and end time for the vacation.
- [3] Tick or untick the check box to enable or disable the function.



10.1.12 Notification

Please follow the steps below:

- [1] On the dashboard, tap "Events".
- [2] On the "Notification Center" screen, tap "Notification".
- [3] The notification will be displayed, click the notification to view the details.
- [4] Swipe the notification to the left.
- [5] Tap " " to move the notification from "Notification" to "Archive".



[6] Tap "Archive".

[7] The notifications are displayed. There are 3 types of notifications.

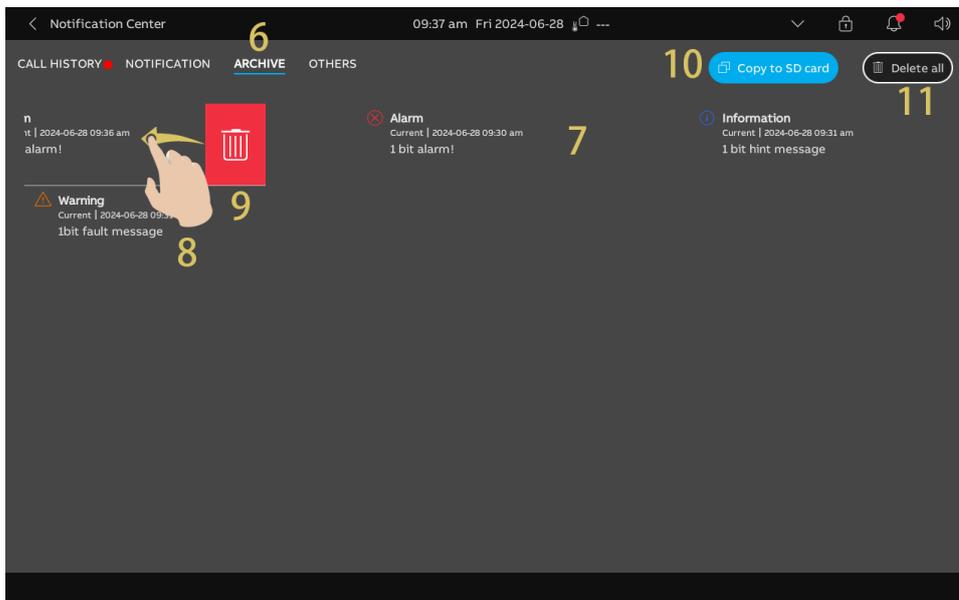
- Information 
- Warning 
- Alarm 

[8] Swipe the alarm to the left.

[9] Tap "  " to remove the alarm.

[10] Tap "Copy to SD card" to copy the notifications to the SD card.

[11] Tap "Delete all" to clear all notifications.



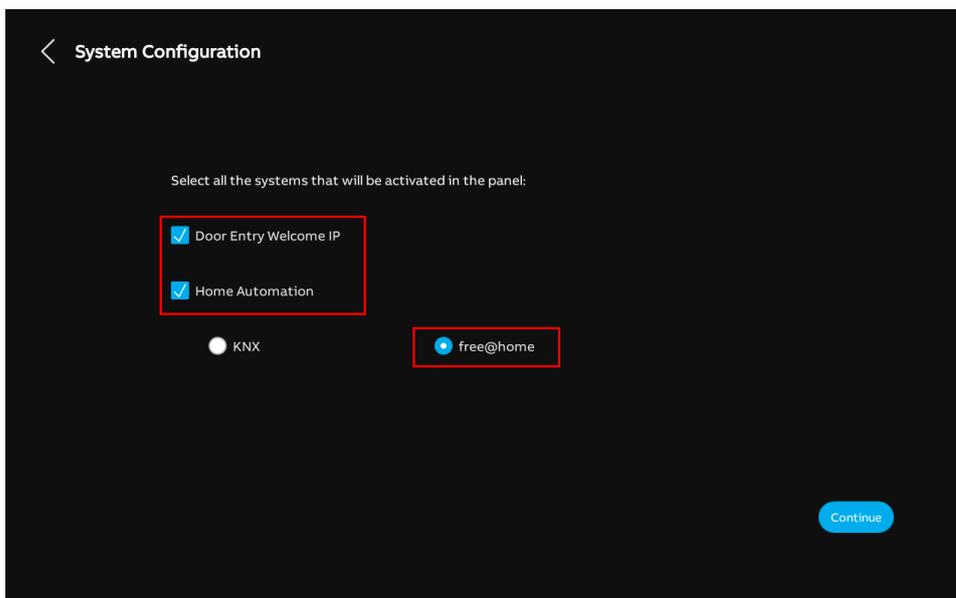
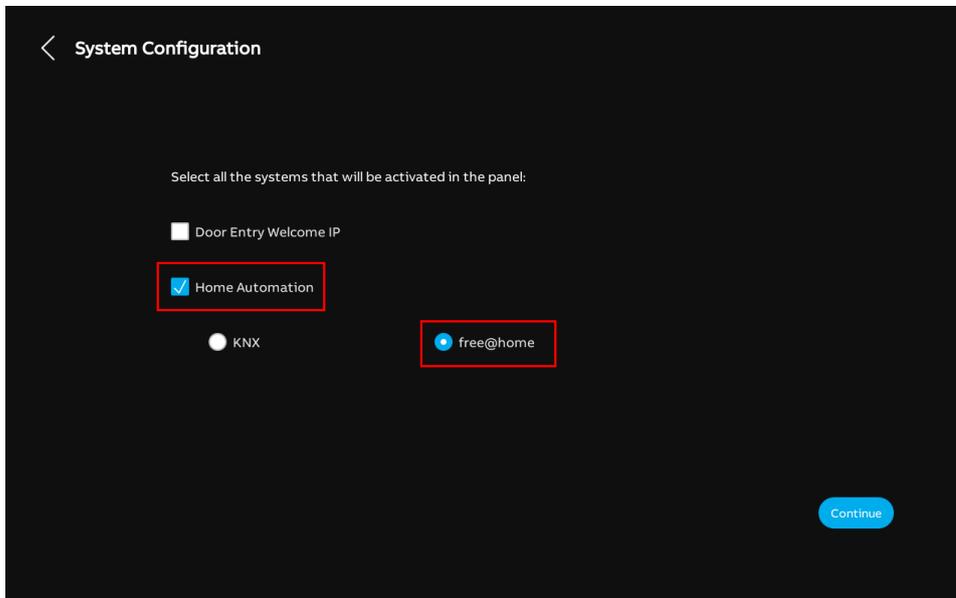
10.1.13 Commissioning the home automation devices via ETS tool

For commissioning the KNX devices, please see the ETS product manual at the following link:
<https://search.abb.com/library/Download.aspx?DocumentID=2CKA001473B5023&LanguageCode=en&DocumentPartId=&Action=Launch>.

10.2 free@home settings

10.2.1 Precondition

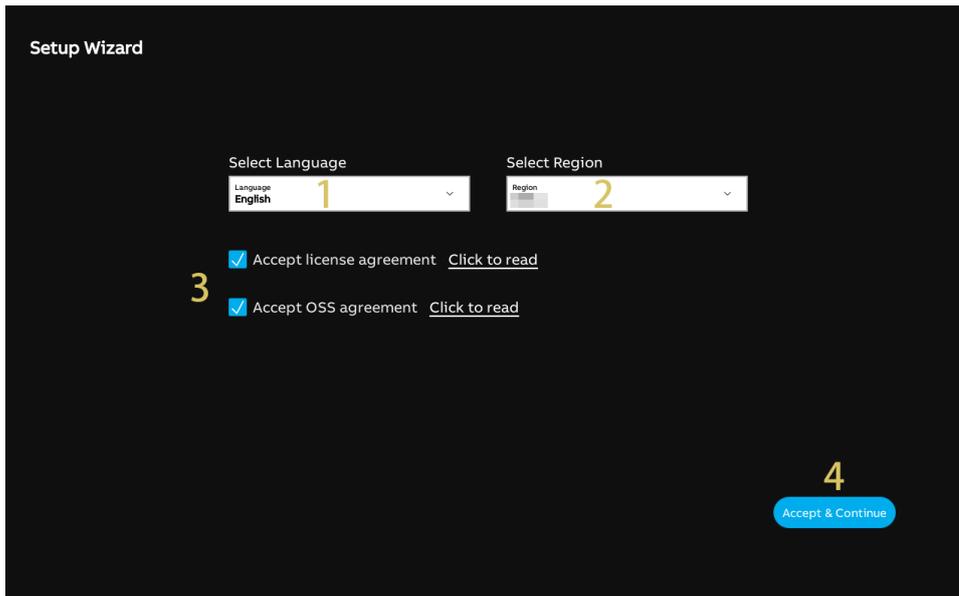
You need to enable the "free@home" function during the Setup Wizard before use.



10.2.2 Setup Wizard - free@home only

Please follow the steps below:

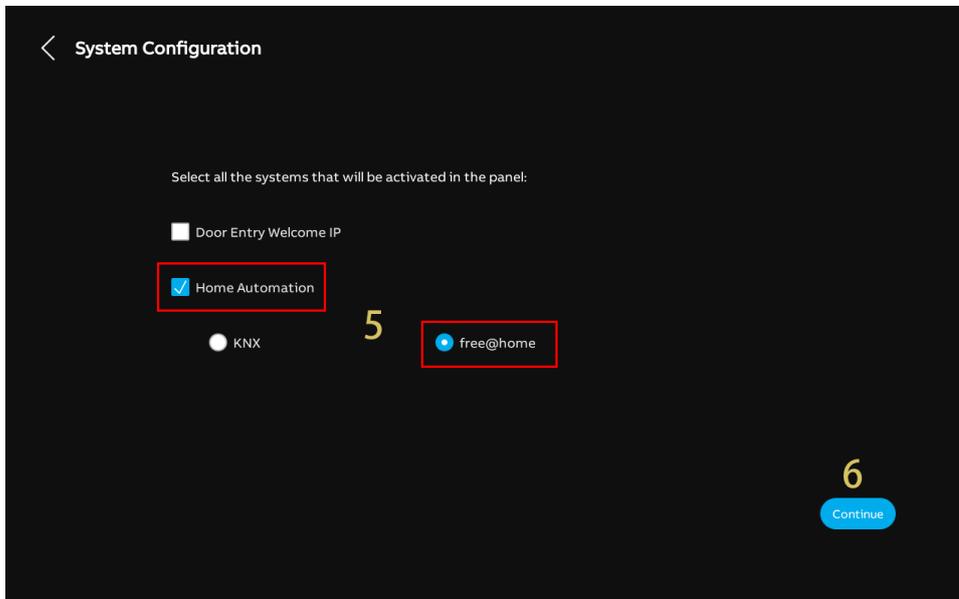
- [1] On the "Setup wizard" screen, select the language from the drop-down list.
- [2] Select the region from the drop-down list.
- [3] Tick the check box to accept the licences. Or tap "Click to read" to view the details of the licence.
- [4] Tap "Accept & Continue" to access the next screen.



[5] On the "System Configuration" screen during the "Wizard Setup",

- Disable the "Door Entry Welcome IP" check box.
- Enable the "Home Automation" check box.
- Enable the "free@home" single choice.

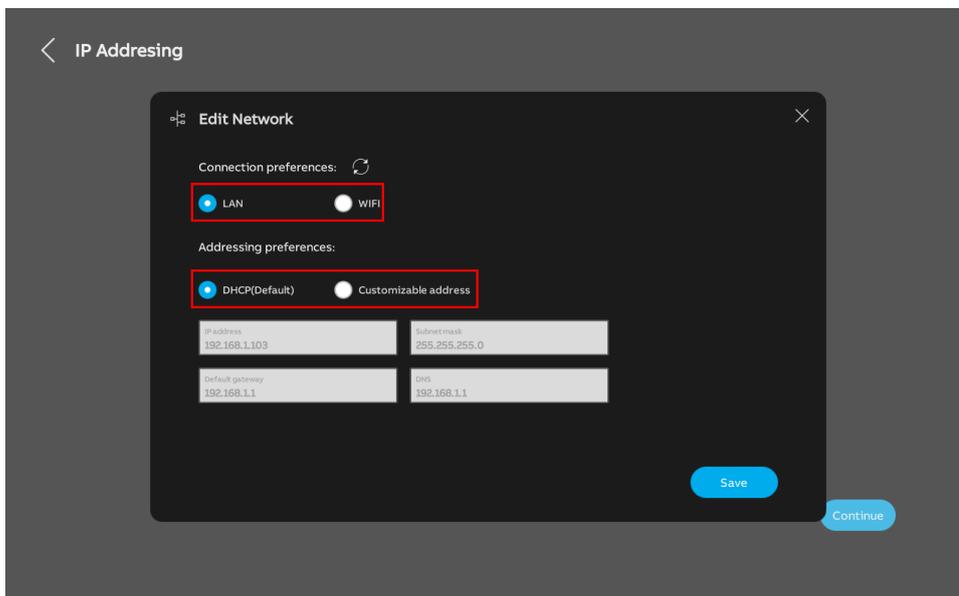
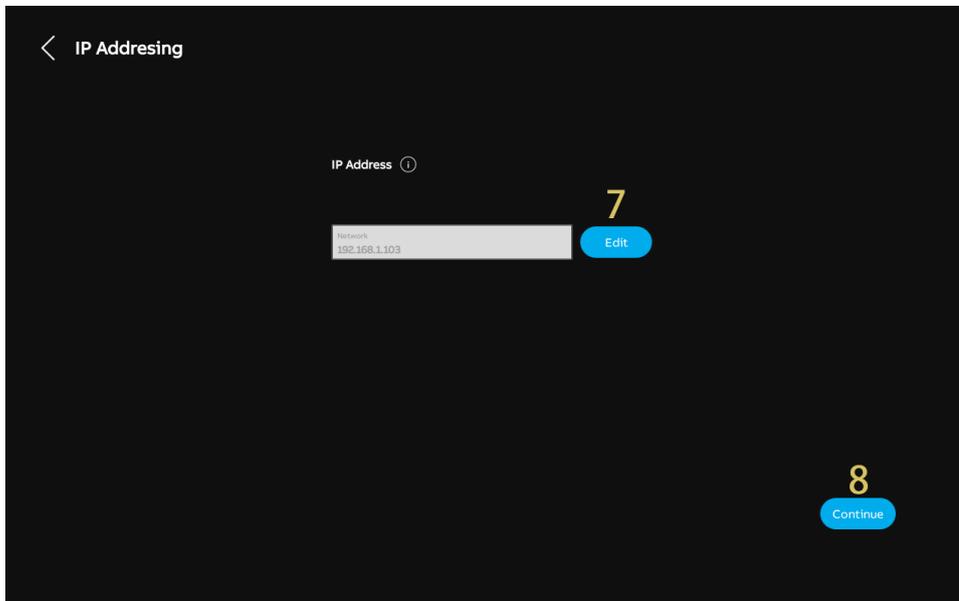
[6] Tap "Continue".



[7] On the "IP Addressing" screen, tap "Edit" to access the corresponding screen.

- Select the connection type, it can be set to "LAN" or "WiFi".
- Select the address type, it can set to "DHCP" or "Customizable address".
- Please tap "Save" if the settings have been changed.

[8] Tap "Continue".

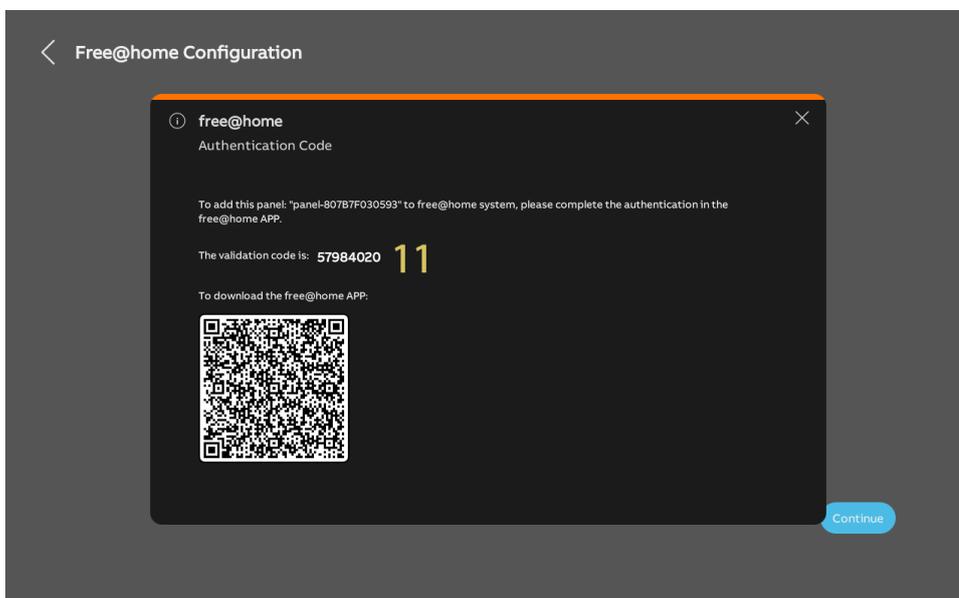
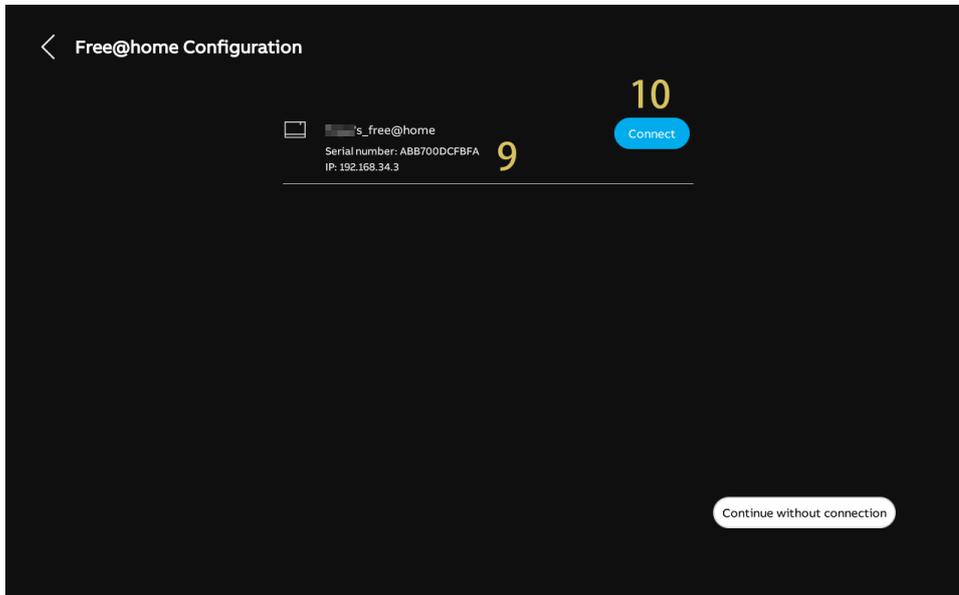


[9] The panel will search for the SysAP in the same network.

[10] Select the designated SysAP. Tap "Connect".

- If there is no existing SysAP, you can tap "Continue without connection" to continue from step 14.

[11] The validation code will be displayed. Please check this code on the designated SysAP if the two codes match.

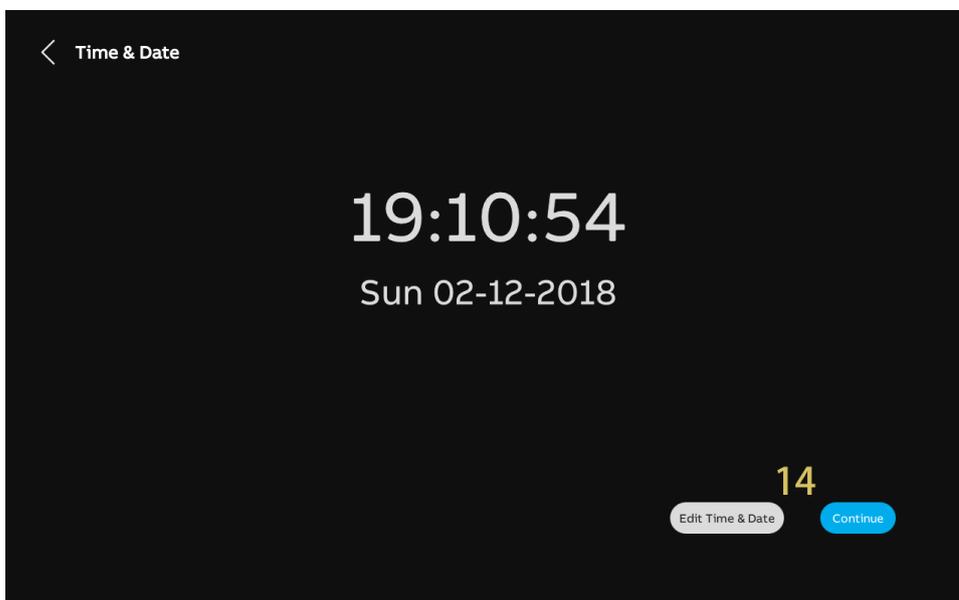
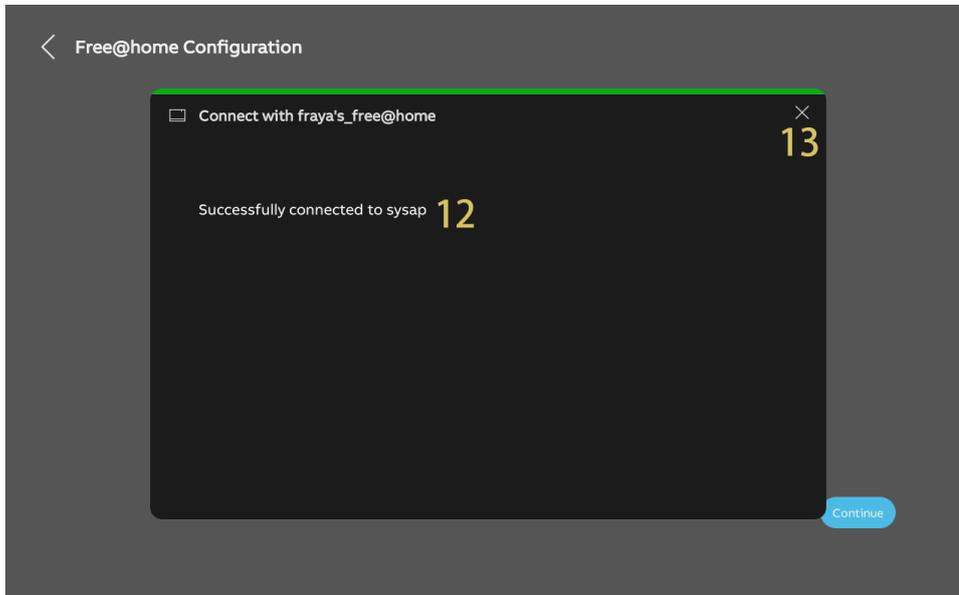


[12]The "Successfully connected to SysAP" will be displayed when the designated SysAP click "Confirm" to ensure the correct connection.

[13]Tap "x" to close the current window.

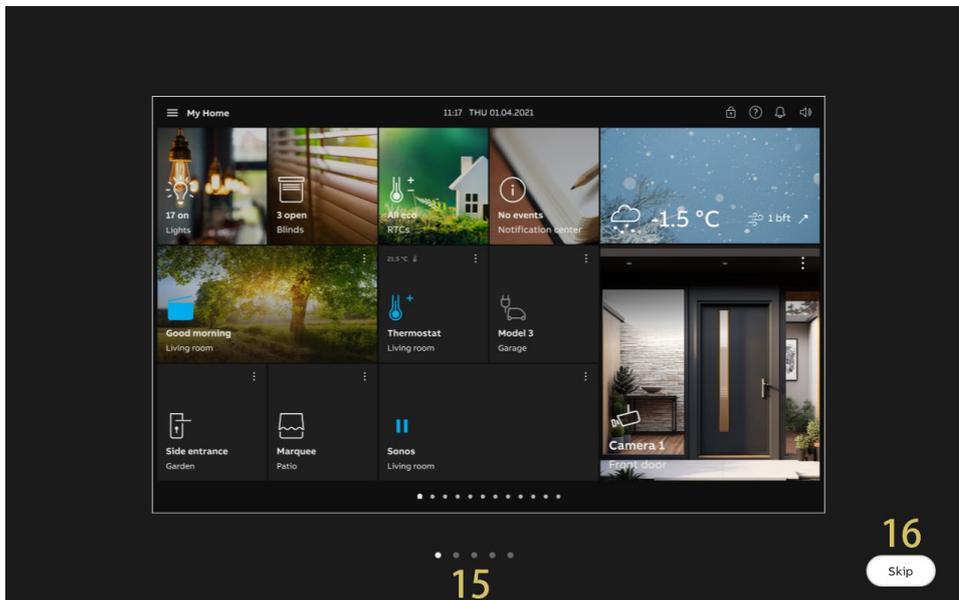
[14]On the "Time & date" screen, you can carry out this setting at this time or tap "Continue" to skip this setting for the moment.

- For more details, see chapter 8.3.7 "Time and date settings" on page 89.



[15] There are 5 screens to guide you on how to use the panel.

[16] Tap "Skip" if you are already familiar with the panel.



10.2.3 Setup Wizard - Door Entry System with free@home

Please follow the steps below:

- [1] On the "Setup wizard" screen, select the language from the drop-down list.
- [2] Select the region from the drop-down list.
- [3] Tick the check box to accept the licences. Or tap "Click to read" to view the details of the licence.
- [4] Tap "Accept & Continue" to access the next screen.

Setup Wizard

Select Language
Language English 1

Select Region
Region 2

3 Accept license agreement [Click to read](#)

Accept OSS agreement [Click to read](#)

4
Accept & Continue

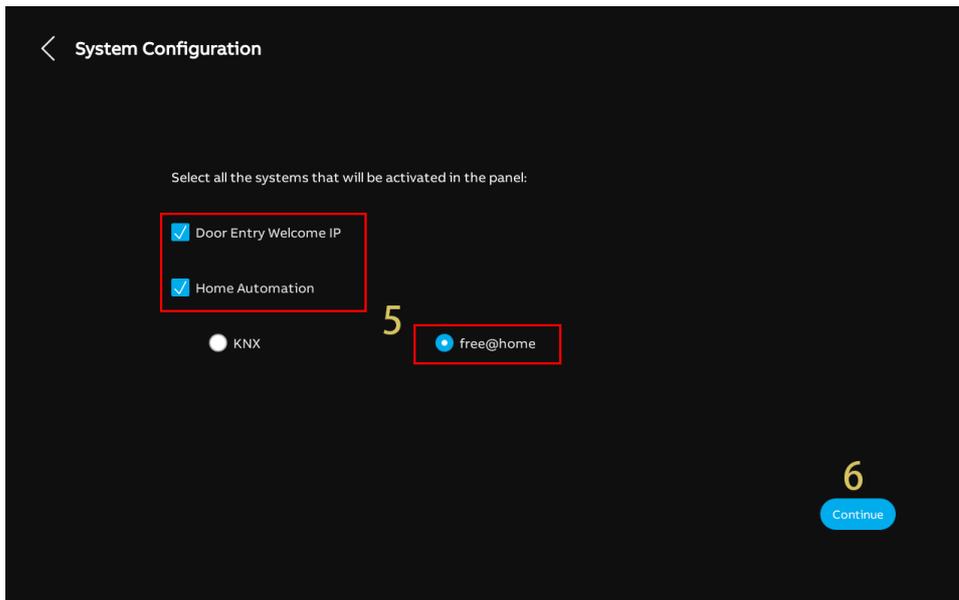
[5] On the "System Configuration" screen during the "Wizard Setup",

- Enable the "Door Entry Welcome IP" check box.
- Enable the "Home Automation" check box.
- Enable the "free@home" single choice.

[6] Tap "Continue".

Other settings please refer to the following chapters for more details.

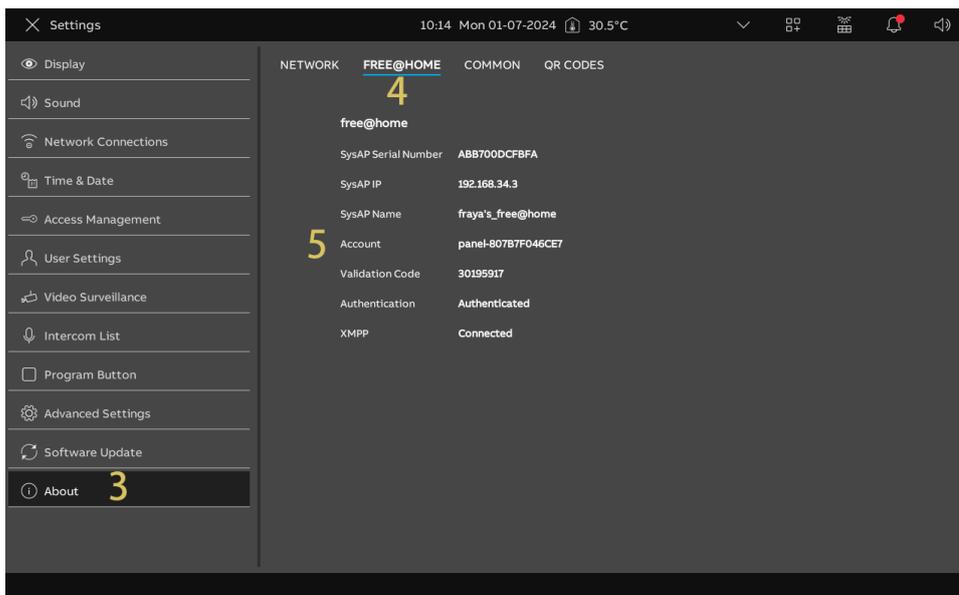
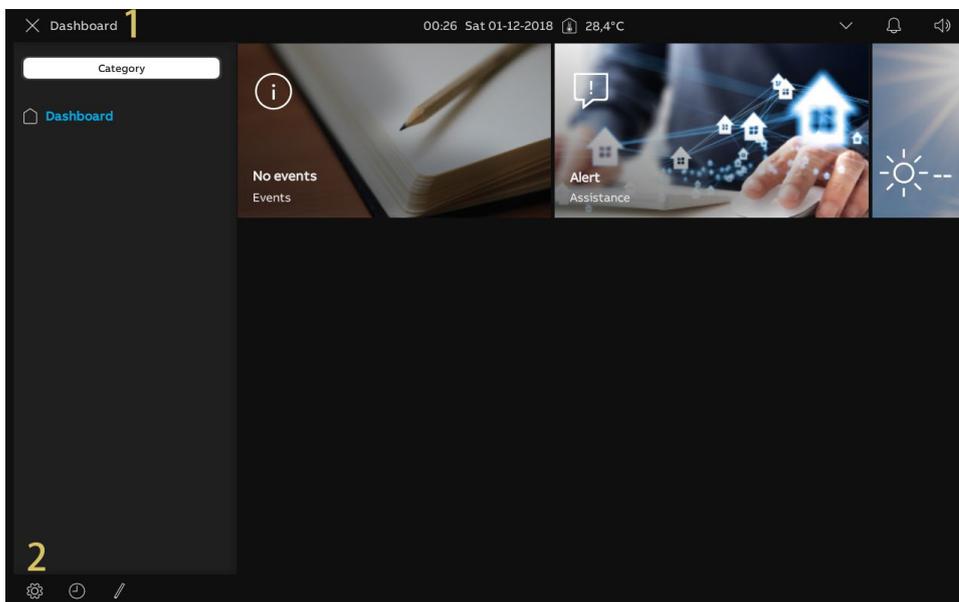
- For more details about "Door Entry System", see chapter 8.2 "Setup wizard - Door Entry System only" on page 33.
- For more details about "free@home", see chapter 10.2.2 "Setup Wizard - free@home only" on page 243 .



10.2.4 Viewing the information

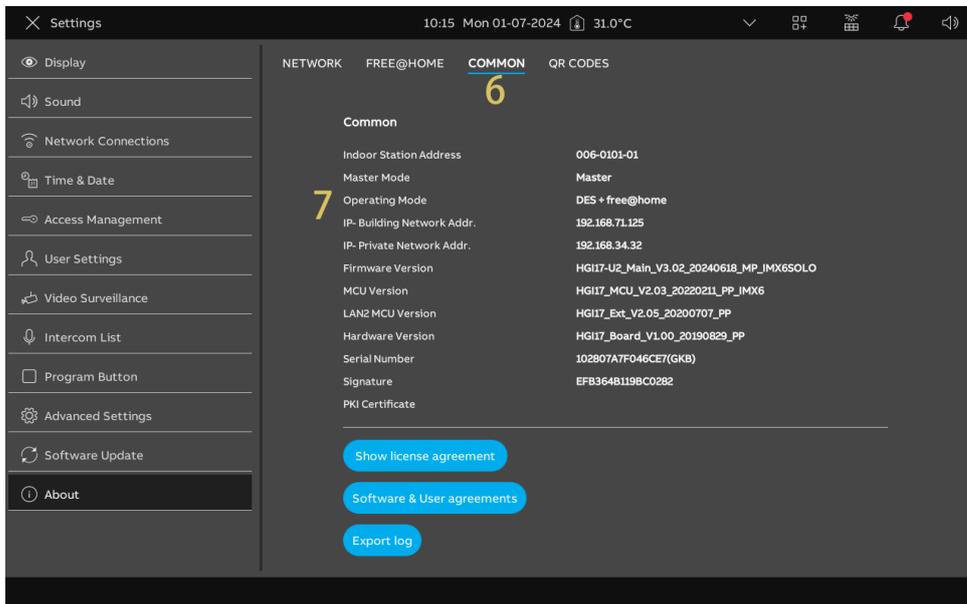
Please follow the steps below:

- [1] On the dashboard, tap "Dashboard".
- [2] Tap "⚙️".
- [3] Tap "About".
- [4] Tap "free@home".
- [5] The basic free@home information will be displayed:
 - SysAP name, serial number and IP address
 - Account name and Validation code
 - Connection status



[6] Tap "Common".

[7] Check the operating mode.

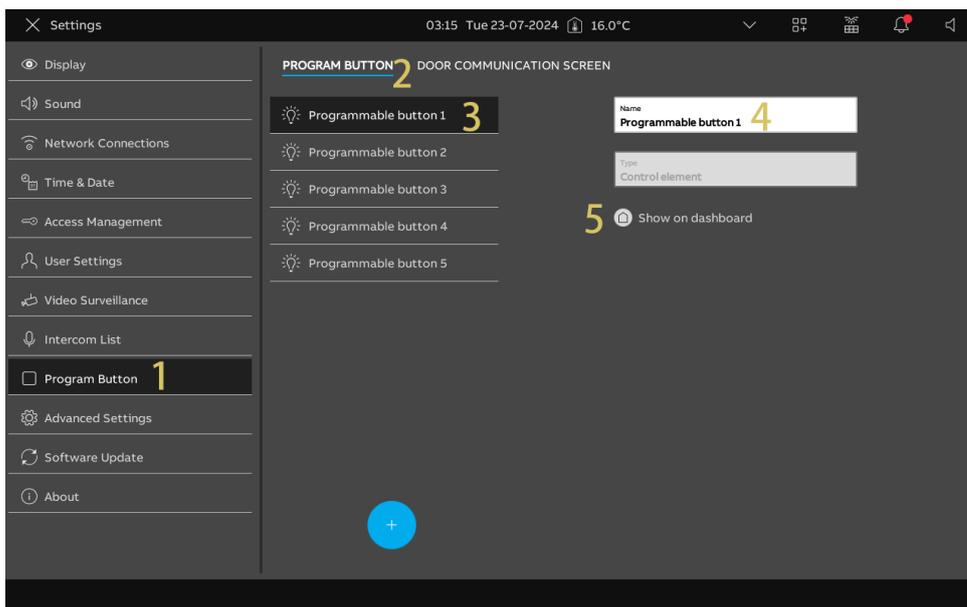


10.2.5 Configuring program buttons

Adding program buttons

Please follow the steps below:

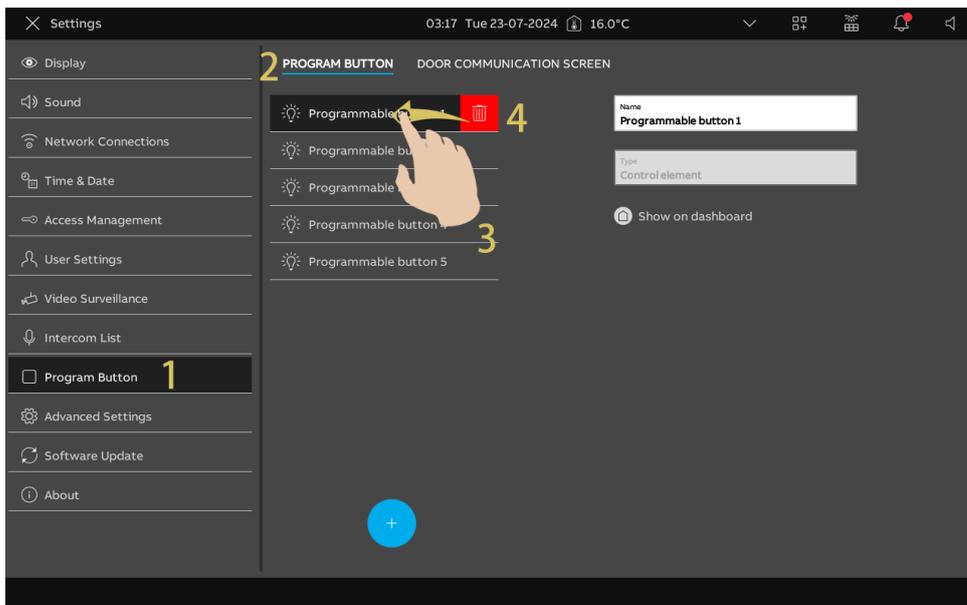
- [1] On the "Settings" screen, tap "Program Button".
- [2] Tap "Program Button".
- [3] The program buttons configured via SysAP will be displayed.
- [4] Tap the designated program button to change the name.
- [5] Tap "🏠" to show the program button on the dashboard.



Removing a program button

Please follow the steps below:

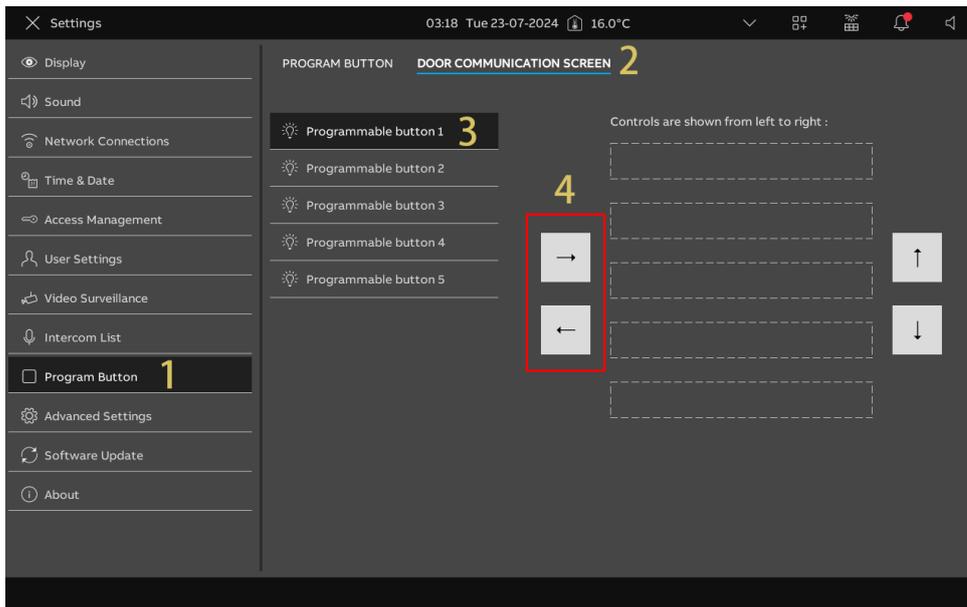
- [1] On the "Settings" screen, tap "Program Button".
- [2] Tap "Program Button".
- [3] Swipe the relevant program button to the left.
- [4] Tap "🗑️" to remove it.



Adding program buttons to the door communication screen

Please follow the steps below:

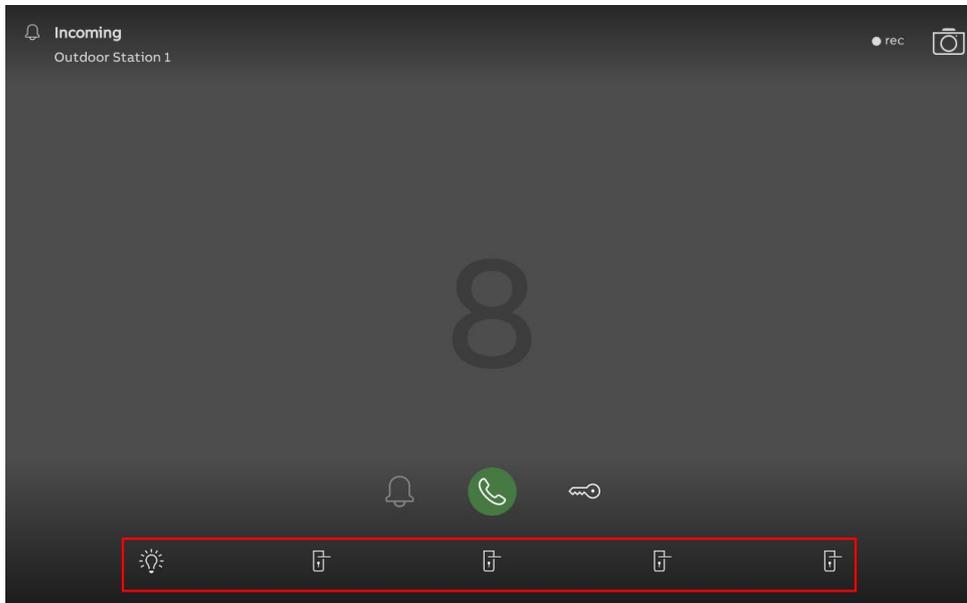
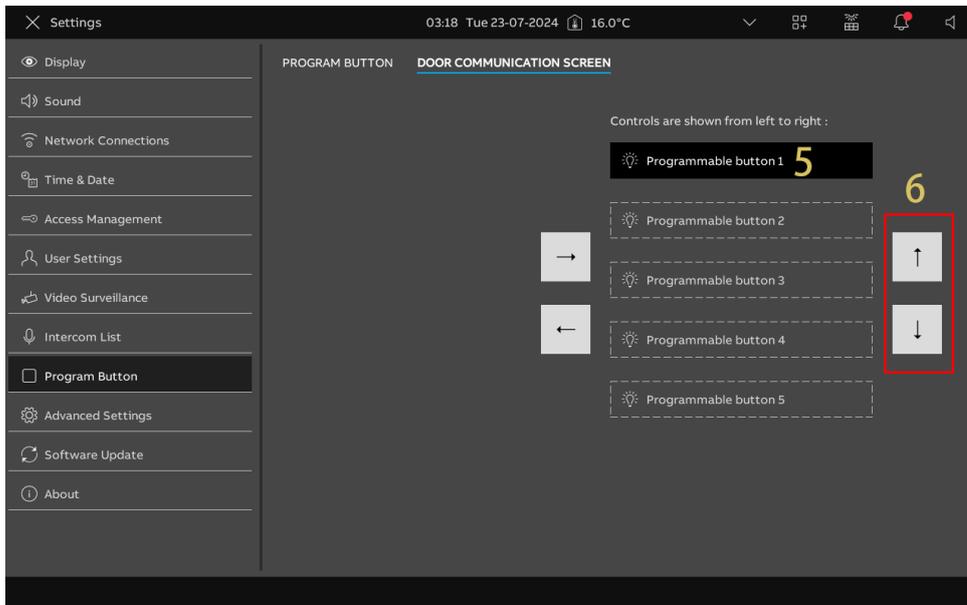
- [1] On the "Settings" screen, tap "Program button".
- [2] Tap "Door Communication Screen".
- [3] Select the designated program button.
- [4] Edit the control list displayed on door communication screen:
 - Tap "→" to add this program button to the list.
 - Tap "←" to remove this program button from the list.
 - Up to 5 program buttons can be added to the list.



[5] Select the designated program button.

[6] Adjust the order of the program buttons on the control list:

- Tap " ↑ " to move up the program button.
- Tap " ↓ " to move down the program button.
- The designated program buttons will be display according to the control list on the door communication screen.

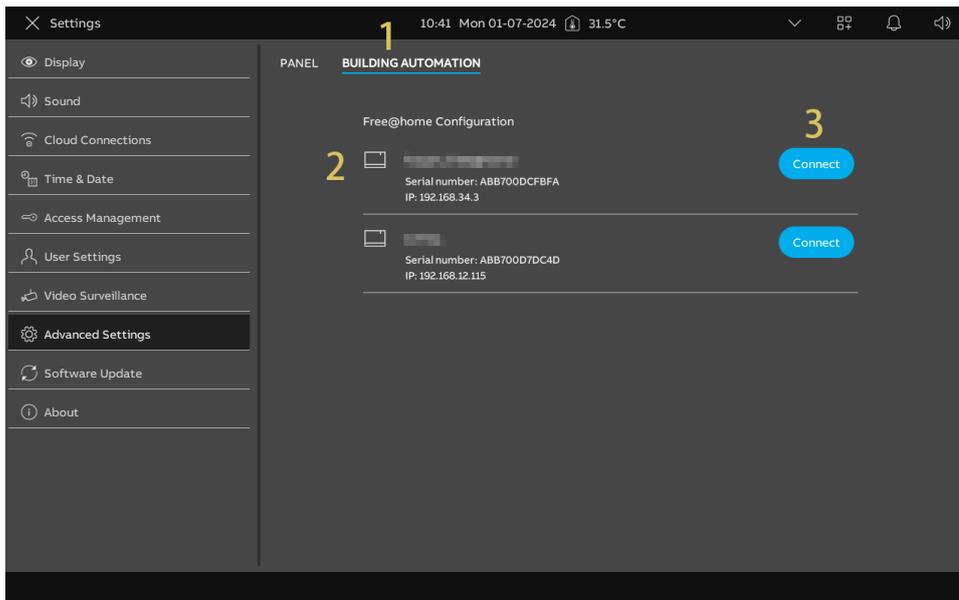


10.2.6 Configuring the advanced settings

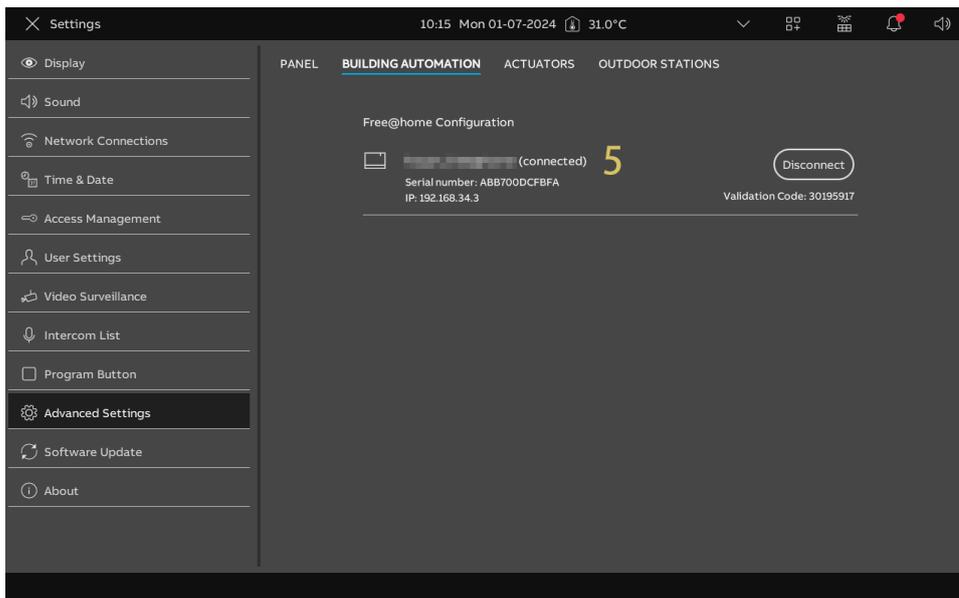
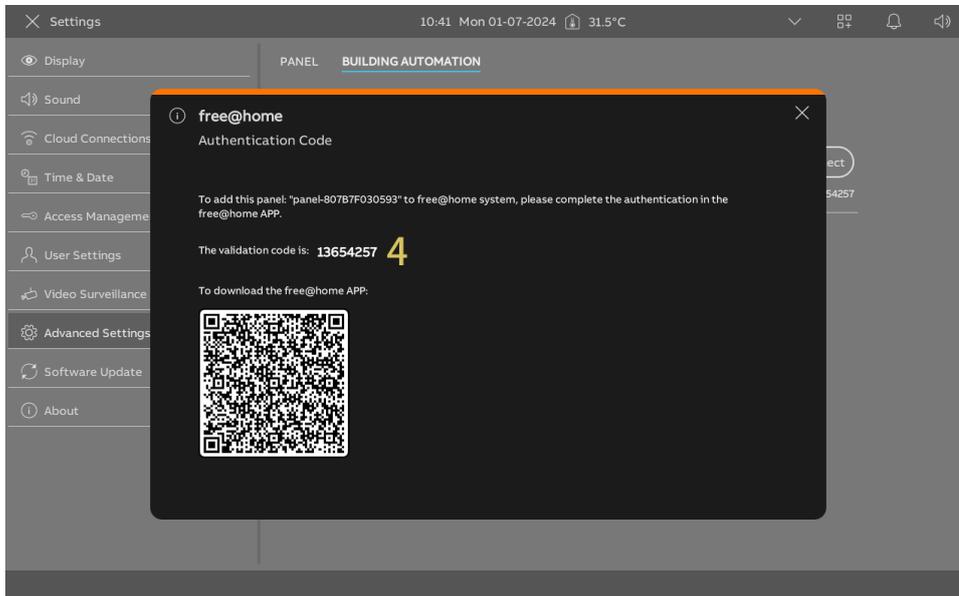
You can also pair the panel with free@home SysAP on the "Advanced settings".

Please follow the steps below:

- [1] On the "Advanced settings" screen, tap "Building Automation".
- [2] Find the designated SysAP.
- [3] Tap "Connect".

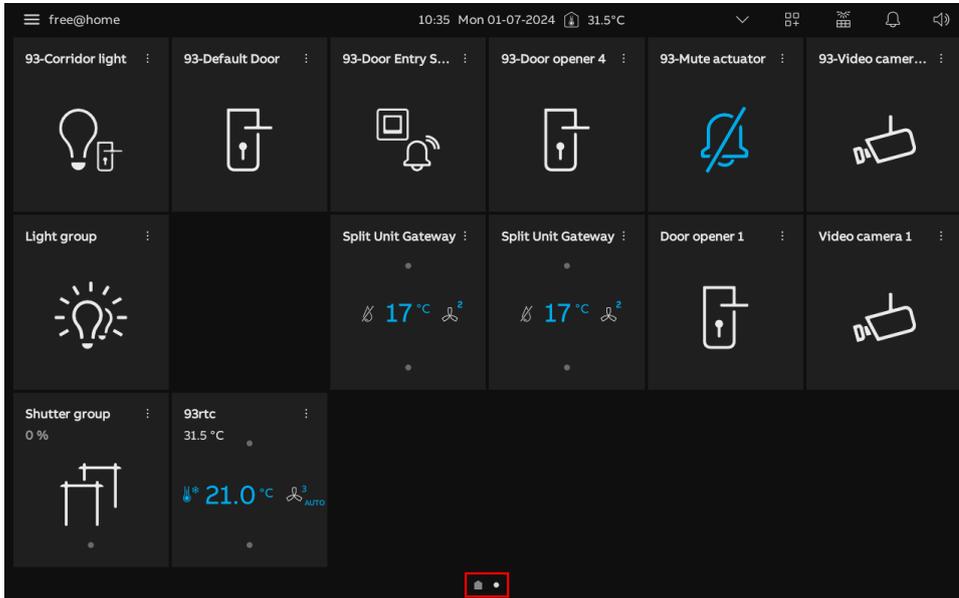


- [4] The validation code will be displayed. Please check this code on the designated SysAP if the two codes match.
- [5] The "xxx (connected)" will be displayed when the designated SysAP click "Confirm" to ensure the correct connection.

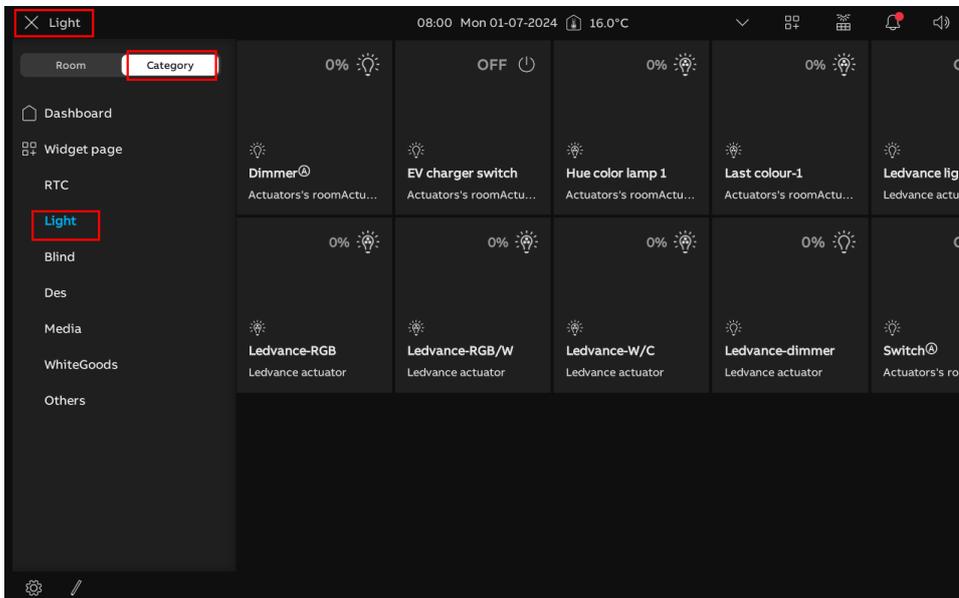


10.2.7 Viewing the home automation devices

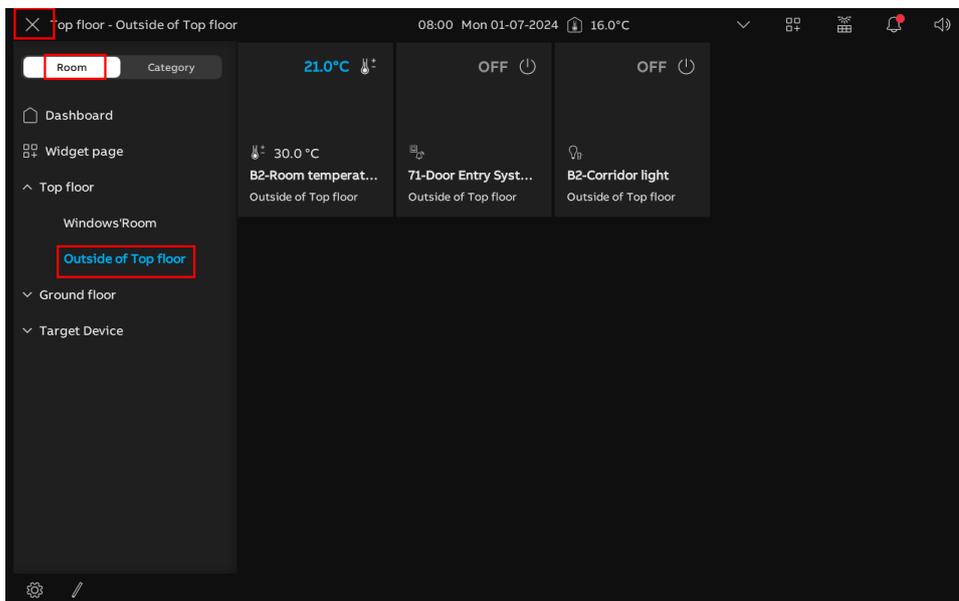
You can swipe the screen to left or right to view the home automation devices.



Or click "☰", followed by "Category", then click the device type to view the home automation devices.



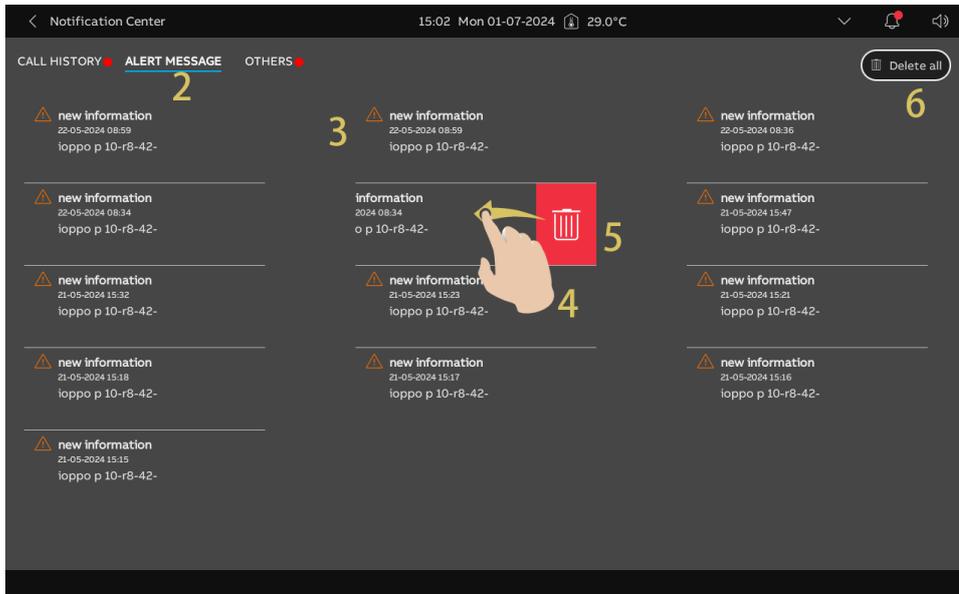
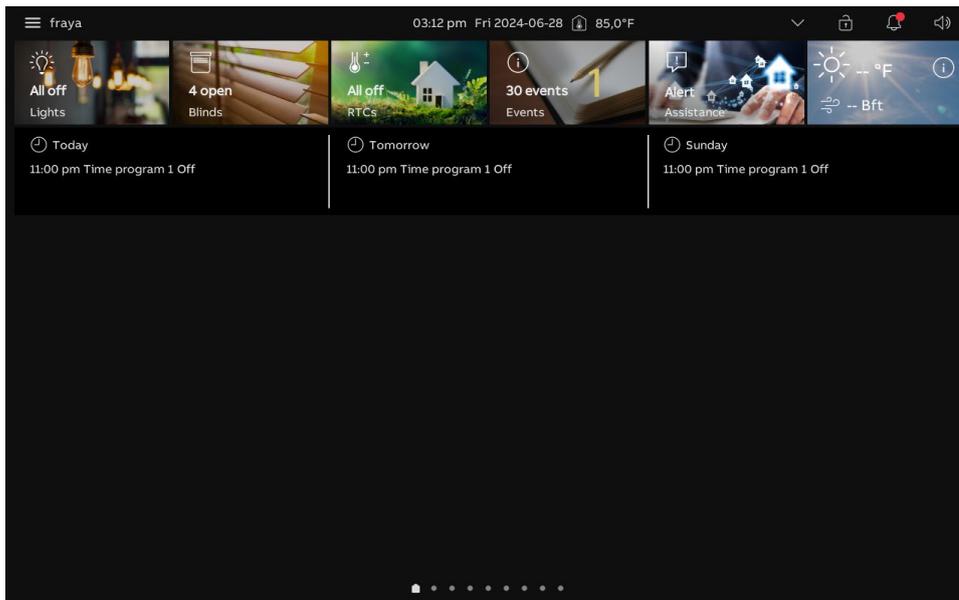
Or click "☰", followed by "Room", then select the location to view the home automation devices.



10.2.8 Alarm record

Please follow the steps below:

- [1] On the dashboard, tap "Events".
- [2] On the "Notification Center" screen, tap "Alert Message".
- [3] The alarm records will be displayed, click the alarm record to view the details.
- [4] Swipe the alarm record to the left.
- [5] Tap " " to remove the alarm record.
- [6] Tap " Delete all " to remove all alarm records.



- [7] On the "Notification Center" screen, tap "Others".
- [8] The notifications about the connection will be displayed, click the notification to view the details.
- [9] Swipe the notification to the left.
- [10] Tap "Delete" to remove the notification.
- [11] Tap "Delete all" to remove all notifications.



10.2.9 Commissioning the home automation devices via SysAP

For commissioning the free@home devices, please see the product manual of SysAP via the following link:

<https://search.abb.com/library/Download.aspx?DocumentID=2CKA001473B9725&LanguageCode=en&DocumentPartId=&Action=Launch>.

11 Cyber security

11.1 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. Busch-Jaeger 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 Busch-Jaeger 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.

11.2 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

11.3 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.

11.4 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.

11.5 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.

11.6 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 Busch-Jaeger can be accepted.

11.7 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.

12 Notice

We reserve the right to at all times make technical changes as well as changes to the contents of this document without prior notice.

The detailed specifications agreed to at the time of ordering apply to all orders. Busch-Jaeger accepts no responsibility for possible errors or incompleteness in this document.

We reserve all rights to this document and the topics and illustrations contained therein. The document and its contents, or excerpts thereof, must not be reproduced, transmitted or reused by third parties without prior written consent by Busch-Jaeger.

Busch-Jaeger Elektro GmbH

58513 Lüdenscheid
Freisenbergstraße 2

busch-jaeger.de
info.bje@de.abb.com

Kundenservice:
Tel.: +49 2351 956-1600
Fax: +49 2351 956-1700

Notice

We reserve the right to at all times make technical changes as well as changes to the contents of this document without prior notice. The detailed specifications agreed upon apply for orders. Busch-Jaeger accepts no responsibility for possible errors or incompleteness in this document.

We reserve all rights to this document and the topics and illustrations contained therein. The document and its contents, or extracts thereof, must not be reproduced, transmitted or reused by third parties without prior written consent by Busch-Jaeger.