2TMD042500D0001 | 09.07.2025

Product manual

ABB Hello – Starter Kit

4-wire Video Intercom



Table of contents

1 Notes on the instruction manual 4

2 Safety 4

3 Environment 5

3.1 ABB devices 5

4 Product description 6

4.1 Device type 6

4.2 Packing list 7

4.3 Control elements 8

4.3.1 Indoor Stations 8

4.3.2 Outdoor stations 9

4.4 Terminal description 10

4.4.1 Indoor Stations 10

4.4.2 Outdoor stations 11

5 Technical data 12

5.1 Indoor Stations 12

5.2 Outdoor Stations 13

5.3 Power Supply 14

6 Mounting/Installation 15

6.1 Requirement for the electrician 15

6.2 Indoor Stations 16

6.2.1 Product dimension 16

6.2.2 Installation height 16

6.2.3 Mounting on the wall directly 17

6.2.4 Mounting on the box 17

6.3 Outdoor Stations 18

6.3.1 Product dimension 18

6.3.2 Installation height 18

6.3.3 Mounting on the wall directly 19

6.3.4 Mounting on the box 19

6.3.5 Dismantling 20

7 Wiring and distance 21

7.1 Wiring 21

7.1.1 RVV4 wiring 21

7.1.2 Extension cable 22

7.2 Topology and distance 23

7.2.1 2 Outdoor Stations & 2 Indoor Stations 23

7.2.2 4 Indoor Stations - start topology 25

7.2.3 4 Indoor Stations - hand in hand topology 26

8 Commissioning 27

8.1 Indoor Stations 27

8.1.1 Home screen 27

8.1.2 Accessing the "System settings" screen 28
8.1.3 Voice settings 29
8.1.4 Display settings 30
8.1.5 Time settings 31
8.1.6 Language setting 32
8.1.7 Network settings 33
8.1.8 Camera settings 38
8.1.9 Accessing the "Advanced settings" screen 48
8.1.10 Configuring leave messages 49
8.1.11 Alarm settings 51
8.1.12 Address setting 55
8.1.13 Record mode setting 56
8.1.14 Unlock setting 57
8.1.15 Mute setting 58
8.1.16 Updating the firmware 59
8.1.17 Restoring to default settings 60
8.2 Outdoor Stations 61
8.2.1 Address setting 61
8.2.2 Unlock setting 62
8.2.3 Human detection setting 63
8.2.4 Card management 64
8.2.5 Updating the firmware 67
8.2.6 Restoring to default settings 68
8.3 App settings 69
8.3.1 Downloading APP 69
8.3.2 Pairing APP with an Indoor Station 70
8.3.3 Unpairing APP with an Indoor Station 74

9 Operation 77
9.1 Intercom 77
9.1.1 Incoming call 77
9.1.2 Room call 79
9.1.3 Group call 81
9.2 Monitor 83
9.2.1 Monitoring Outdoor Stations 83
9.2.2 Monitoring IP cameras 85
9.3 Standby unlock 87
9.4 Sharing the device via APP 89
9.5 Updating the devices via APP 91
9.6 History 92
9.7 Alarm 94
9.7.1 Arming an Indoor Station 94
9.7.2 Disarming an Indoor Station 96

10 Notice 97

1 Notes on the instruction manual

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

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

2 Safety



Warning

Electric voltage!

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

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

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

3 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.

3.1 ABB devices

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

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

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

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

4 Product description

4.1 Device type

Article number	Order number	Product name
K030-11	2TMA140311N0004	ABB Hello - Starter Kit Wi-Fi UK std ME
K030-12	2TMA140311N0005	ABB Hello - Starter Kit UK std ME
K030-13	2TMA140311N0006	ABB Hello - Starter Kit Wi-Fi EU std ME
K030-14	2TMA140311N0007	ABB Hello - Starter Kit EU std ME
K030-21	2TMA140051N0005	ABB Hello - Starter Kit Indoor Station
K030-21 WIFI	2TMA140051N0006	ABB Hello - Starter Kit Indoor Station Wi-Fi
K030-22	2TMA140011N0003	ABB Hello - Starter Kit Outdoor Station
K030-23	2TMA140161N0007	ABB Hello - Starter Kit Power Supply UK
K030-24	2TMA140161N0008	ABB Hello - Starter Kit Power Supply EU
K030-25	2TMA140161N0009	ABB Hello - Starter Kit RJ45 adapter
K030-26	2TMA140161H0001	ABB Hello - Starter Kit Installation Plate

4.2 Packing list

Name	K030-11	K030-12	K030-13	K030-14
Indoor Station	-	1	-	1
Indoor Station Wi-Fi	1	-	1	-
Outdoor Station	1	1	1	1
Power Supply UK	1	1	-	-
Power Supply EU	-	-	1	1
RJ45 adapter	1	1	1	1
IC cards	5	5	5	5
[1] Screw 1: KA 4*25mm	2	2	2	2
[2] Screw 2: KM 4*16mm	2	2	2	2
[3] Screw 3: KA 3*20mm	4	4	4	4
Expansion sleeve	6	6	6	6
2 pin, 2.5mm diameter connector (power)	1	1	1	1
4 pin, 2.0mm pin pitch connector (IS/OS)	1	1	1	1
4 pin, 1.5mm pin pitch connector (defense alarm)	1	1	1	1
4 pin, 2.0mm male connector (OS)	1	1	1	1
3 pin, 2.0mm male connector (E-lock)	1	1	1	1
Quick Guide	1	1	1	1

*IS = Indoor Station, OS= Outdoor Station

[1] Screw 1 is used by IS, it is used to mount IS to the wall directly.

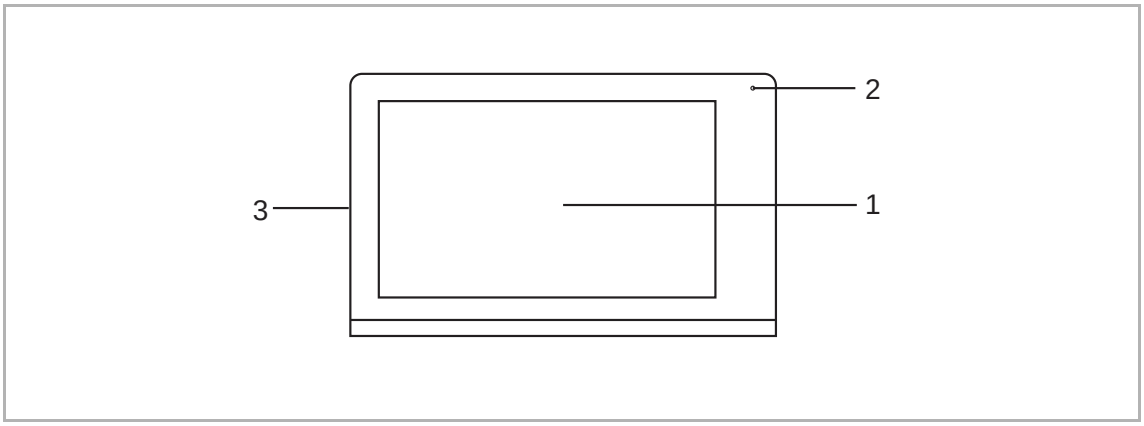
[2] Screw 2 is used by IS, it is used to mount IS to the mounting box.

[3] Screw 3 is used by OS, it is used to mount OS to the wall or the mounting box.

* An installation plate is needed if the Outdoor Station needs to be installed onto a mounting box. This installation plate needs to be purchased separately.

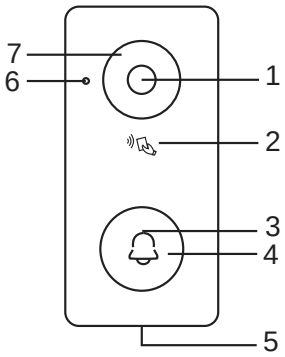
4.3 Control elements

4.3.1 Indoor Stations



No.	Description
1	Touchscreen
2	Microphone
3	Speaker

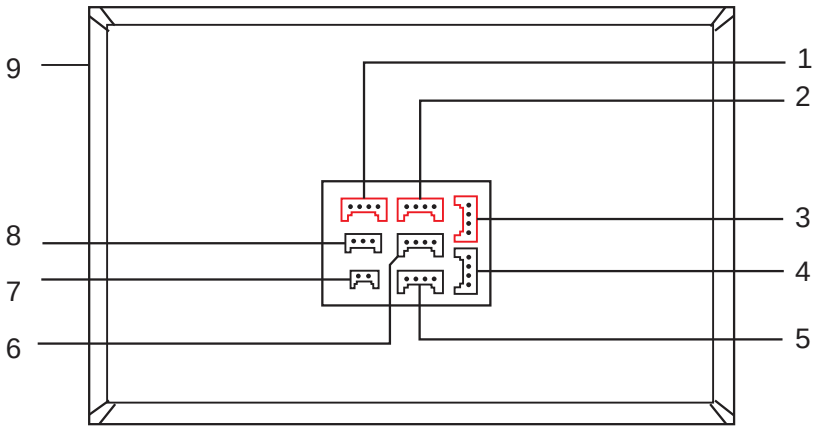
4.3.2 Outdoor stations



No.	Description
1	Camera
2	IC cards swiping area
3	Indicator
4	Call button
5	Speaker
6	Microphone
7	940nm IR Leds

4.4 Terminal description

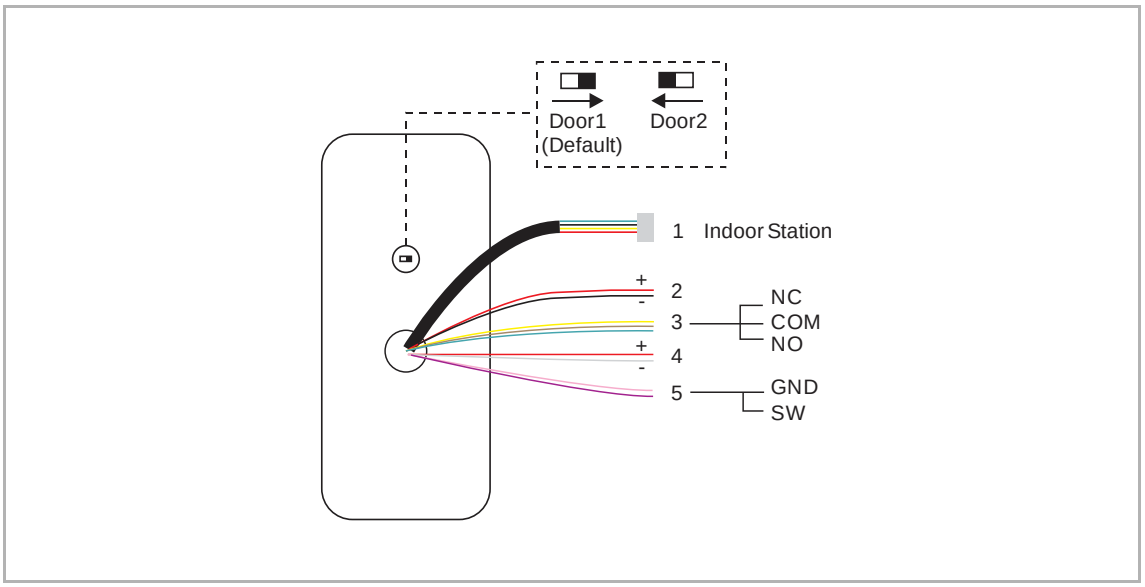
4.4.1 Indoor Stations



No.	Description
1	Outdoor Station 1 connector (with power) (TX+…TX-…RX+…RX-)
2	Outdoor Station 2 connector (with power) (TX+…TX-…RX+…RX-)
3	Ext Indoor Station connector (with power) (TX+…TX-…RX+…RX-)
4	IPC 2/Ext Indoor Station connector (without power) (TX+…TX-…RX+…RX-)
5	IPC 1/Ext Indoor Station connector (without power) (TX+…TX-…RX+…RX-)
6	Defense alarm connector (12V…GND…IN1…IN2)
7	Power 18 VDC connector (18V+…18V-)
8	Door lock connector (NC…COM…NO)
9	TF card slot

*The pins of the connects are described in left-to-right or top-to-bottom order.

4.4.2 Outdoor stations



No.	Description
1	Power line: Red, Black (18 V+, 18 V-)
2	Signal lock line: Yellow, Brown, Green (NC…COM…NO)
3	Power lock line: Orange, White (ULK+…ULK-)
4	Exit button line: Pink, Purple (GND…SW)
5	4-wire line: Green, Black, Yellow, Red (TX+…TX-…RX+…RX-)
6	Address switch (Right: Door 1, Left: Door 2)

*The pins of the connects are described in left-to-right or top-to-bottom order.

5 Technical data

5.1 Indoor Stations

Designation	Value
Rated voltage	18 V ⎓
Operating voltage range	18-24 V ⎓
Standby current	18 V ⎓, 84 mA 24 V ⎓, 62 mA
Rated current	18 V ⎓, 300 mA 24 V ⎓, 200 mA
Working temperature	-10 °C … +55 °C
Screen size	7"
Resolution	1024 x 600 pixels
Wire type	RVV4 cable (⩾0.5mm2), Cat.5, Cat.6, Cat.7
Network standard	IEEE802.3, 10 Mbps
Dimension (W x D x H)	196 mm x 15 mm x 120 mm
Wireless transmission band	2.412~2.484 GHz
Wireless transmission power	Max. 14 dBm
Wireless transmission standard	IEEE 802.11 b/g/n 1T1R

5.2 Outdoor Stations

Designation	Value
Rated voltage	18 V ⎓
Operating voltage range	18-24 V ⎓
Standby current	18 V ⎓, 61 mA 24 V ⎓, 51 mA
Rated current	18 V ⎓, 250 mA 24 V ⎓, 200 mA
Working temperature	-40 °C … +70 °C
View angle	125 °
Sensor type	CMOS
Megapixel	2MP
Frame rate	20FPS
Unlock power	12 V ⎓, 3 A pulse, maximum 250 mA
IP level	IP55
IK level	IK07
Wire type	RVV4 cable (⩾0.5mm^2), Cat.5, Cat.6, Cat.7
Network standard	IEEE802.3, 10 Mbps
Dimension (W x D x H)	60 mm x 27 mm x 135 mm

5.3 Power Supply

Designation	Value
AC input	100-240V~ 50/60Hz 0.8A MAX
DC output	18.0 V ⎓, 1.0 A, 18.0 W
Storage temperature	-40 °C … +70 °C
Relative humidity	5%~95%RH non-condensing (without dewdrop)

6 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!

6.1 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.

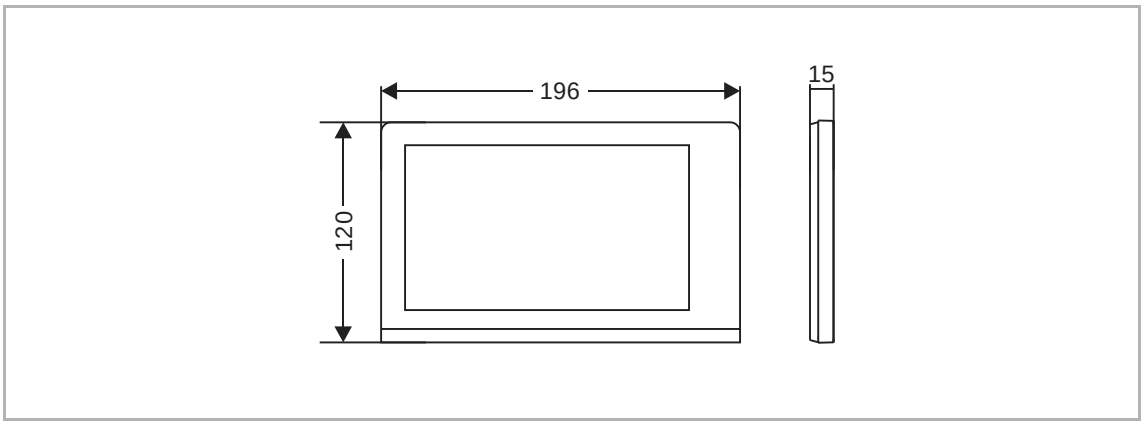
The minimum necessary expert knowledge and requirements for the installation are as follows:

– 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.).

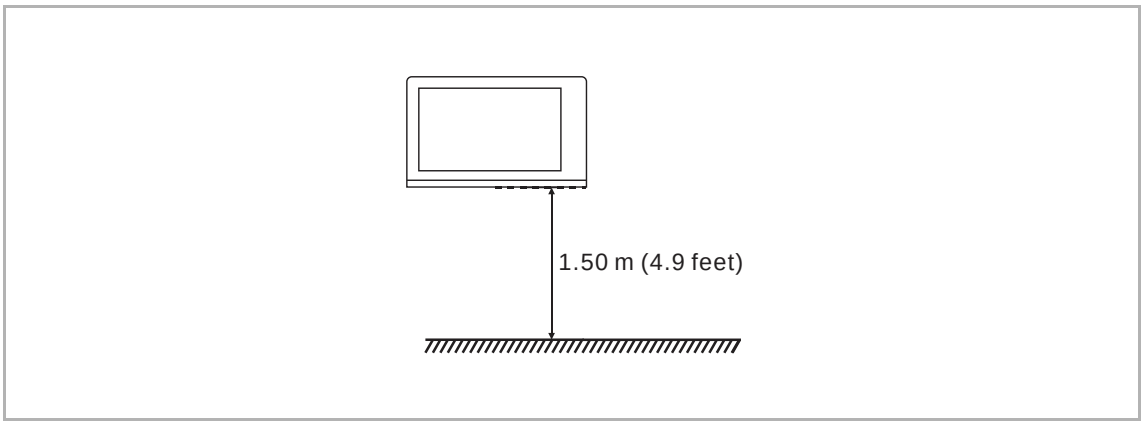
6.2 Indoor Stations

6.2.1 Product dimension

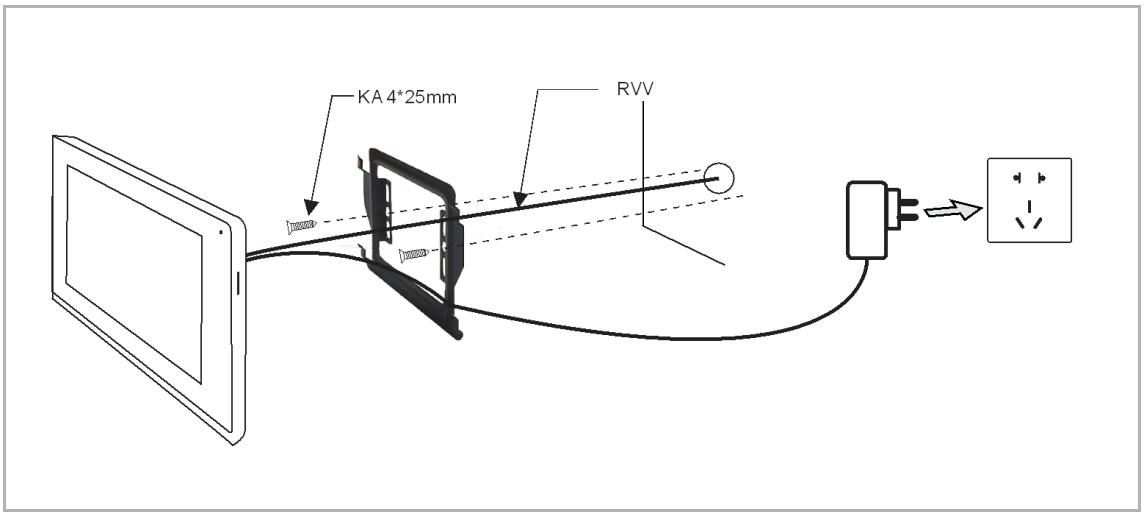
(unit: mm)



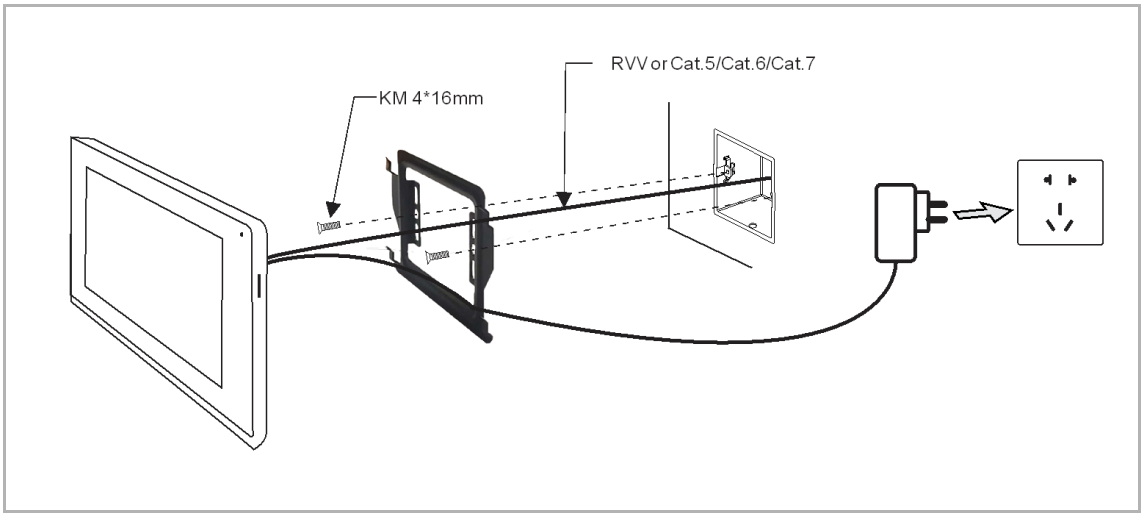
6.2.2 Installation height



6.2.3 Mounting on the wall directly



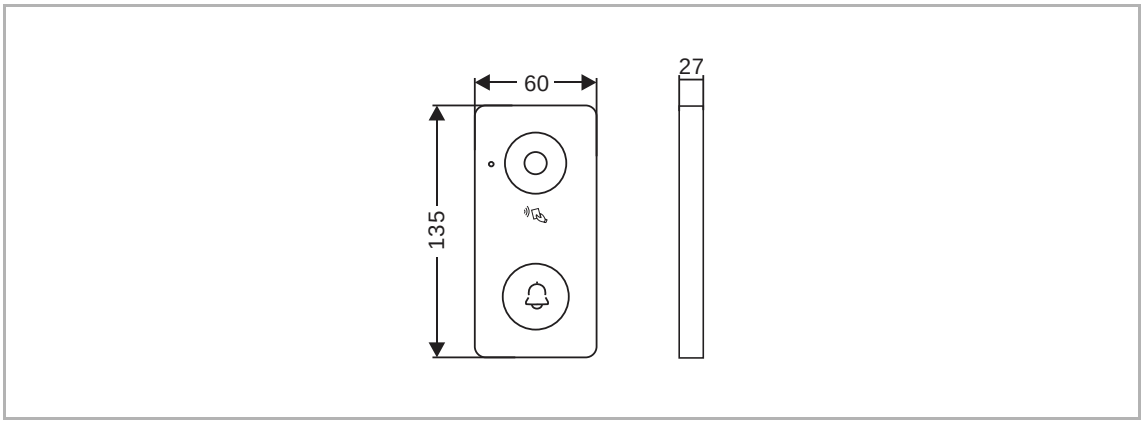
6.2.4 Mounting on the box



6.3 Outdoor Stations

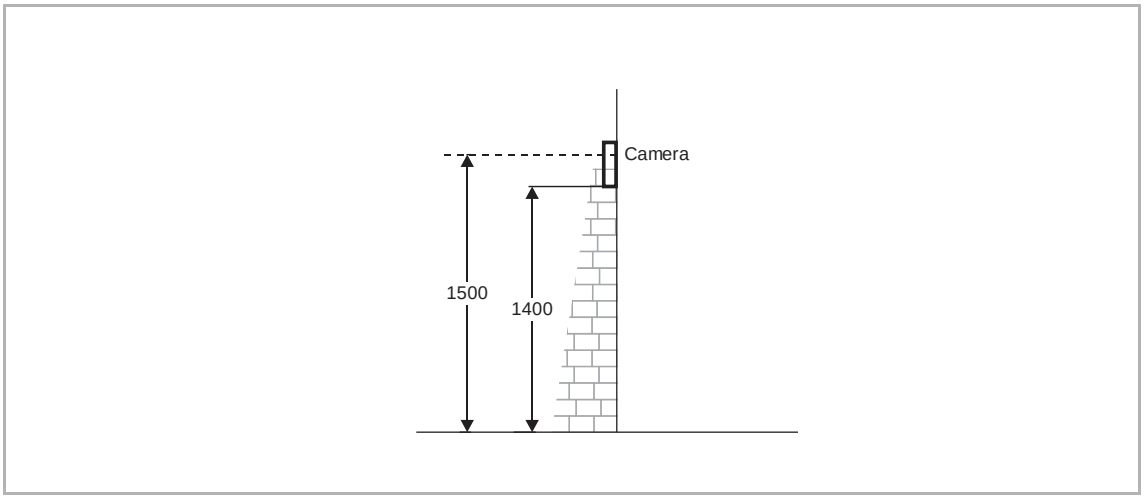
6.3.1 Product dimension

(unit: mm)

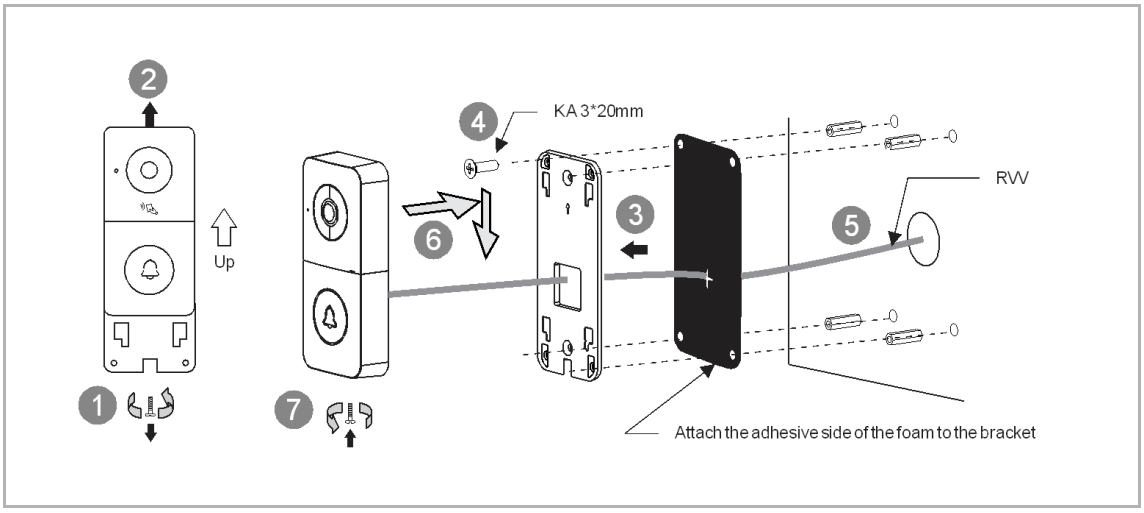


6.3.2 Installation height

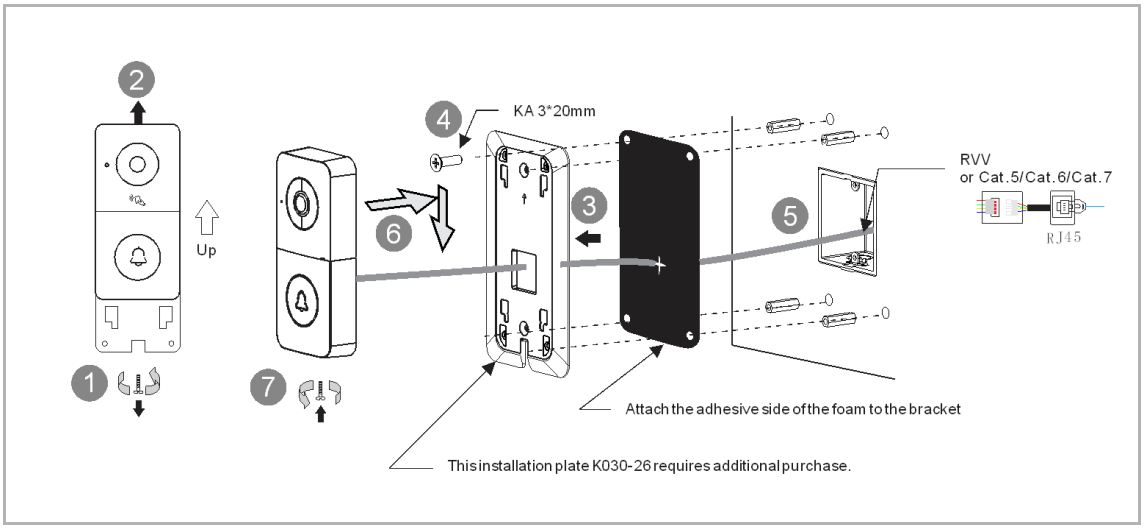
(unit: mm)



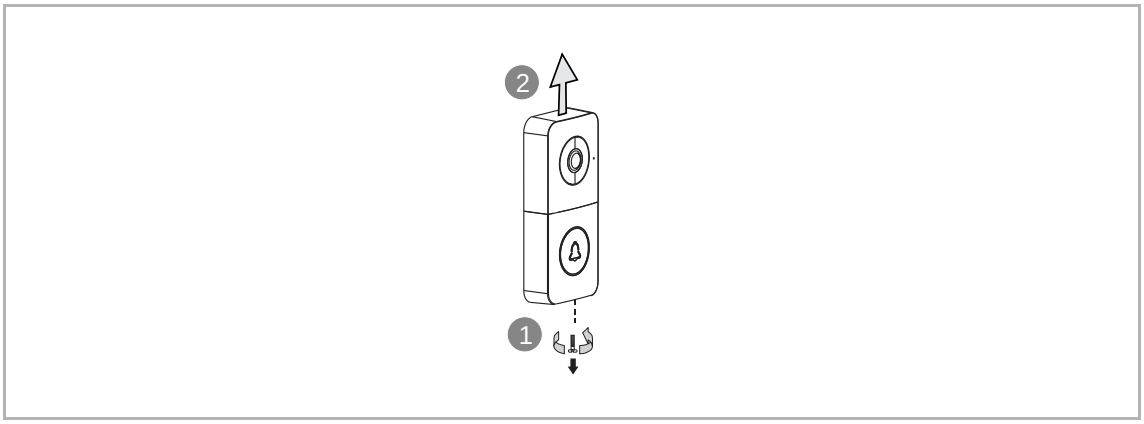
6.3.3 Mounting on the wall directly



6.3.4 Mounting on the box



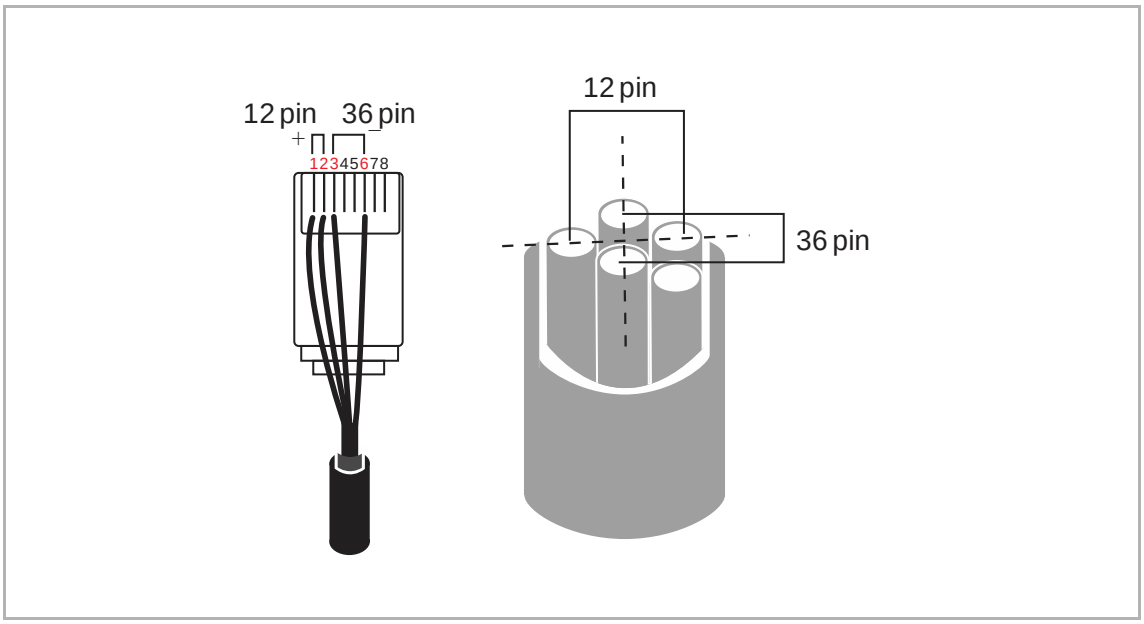
6.3.5 Dismantling



7 Wiring and distance

7.1 Wiring

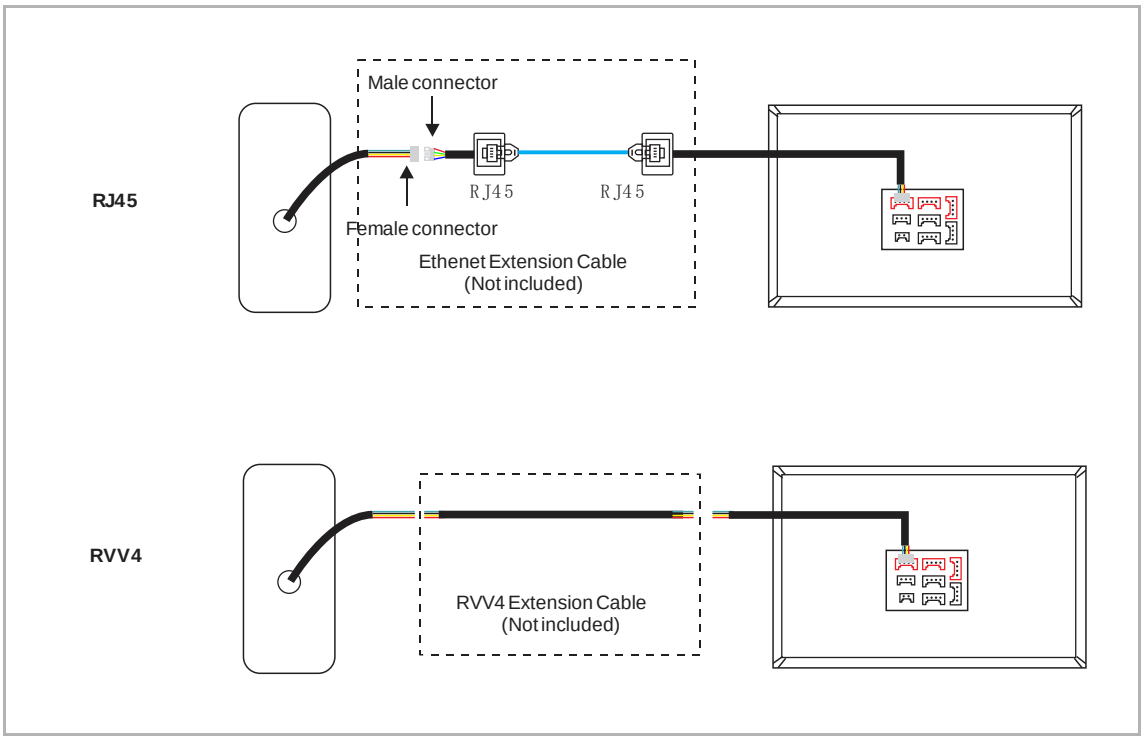
7.1.1 RVV4 wiring



- If the existing RVV cable is not less than 4 cores, we can use it directly without additional wiring.
- You should select 2 pairs with sections as vertical as possible (see the diagram above) to connect to 1236 pins of the crystal head and set the rate of the terminal equipment to 10Mbps.

7.1.2 Extension cable

There are 2 types of extension cables, RVV4 and RJ 45. The maximum distance between devices will vary with different wiring cables.

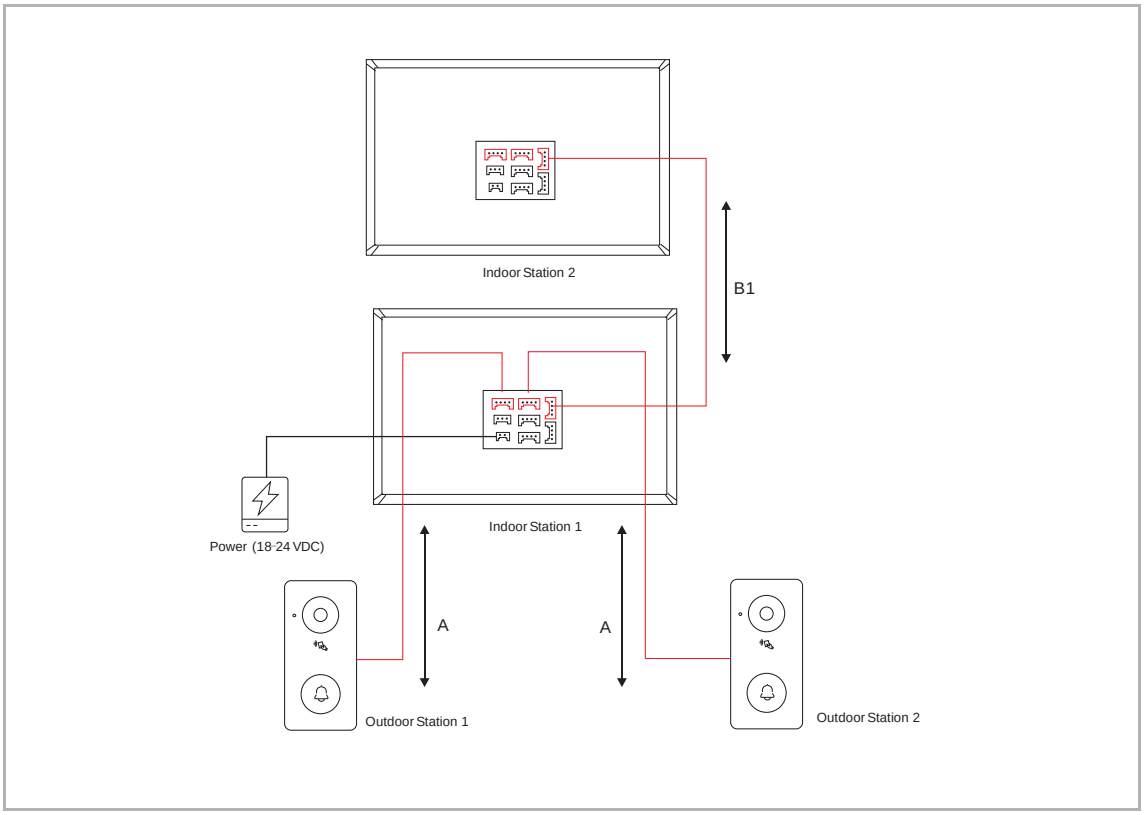


7.2 Topology and distance

7.2.1 2 Outdoor Stations & 2 Indoor Stations

Indoor Station 2 doesn't use local power supply

- If Indoor Station 2 doesn't use local power supply. It should be connected to Indoor Station 1 via an extra Indoor Station connector with power (see the diagram below).

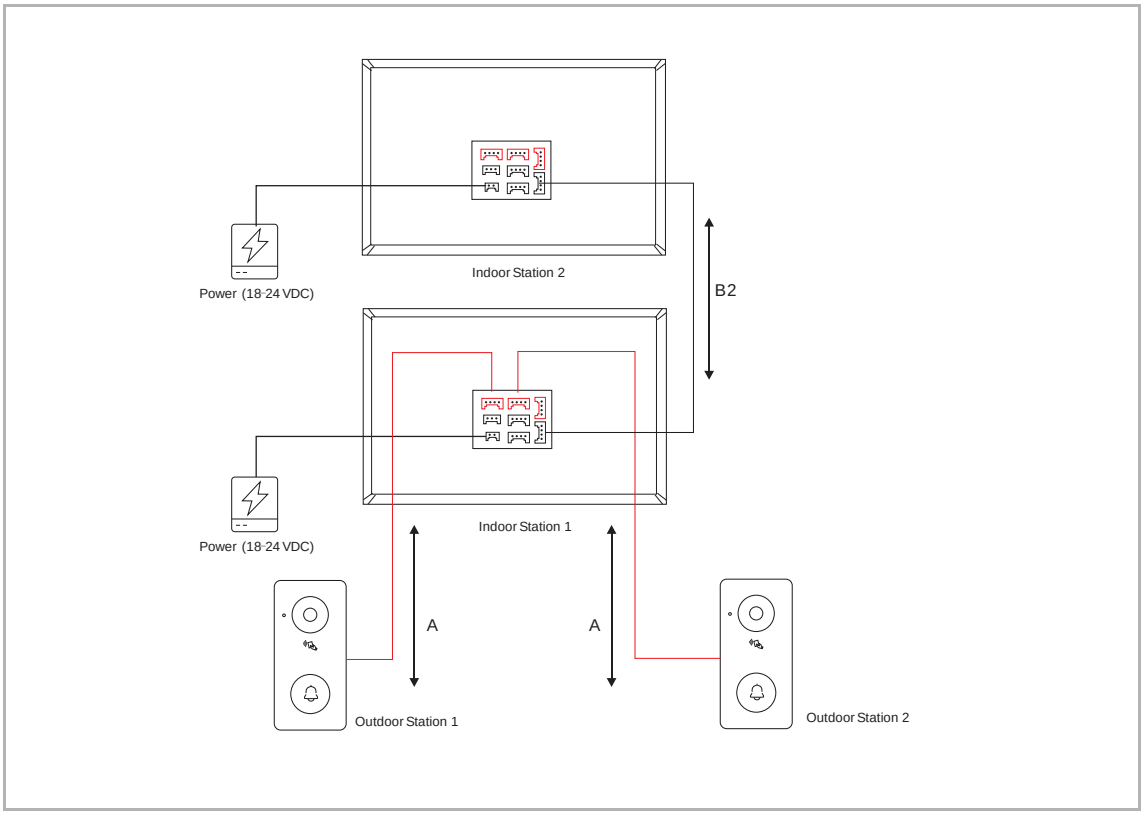


Distance when using RVV4 cable (≥0.5mm²)	Distance when using Cat.5/Cat.6/Cat.7
A≤100m B1≤100m	A≤100m B1≤50m

- A is defined as the maximum distance between Indoor Station and Outdoor Station.
- B1 is defined as the maximum distance between 2 Indoor Stations connected via powered connectors (highlighted in red line in the topology above).

Indoor Station 2 uses local power supply

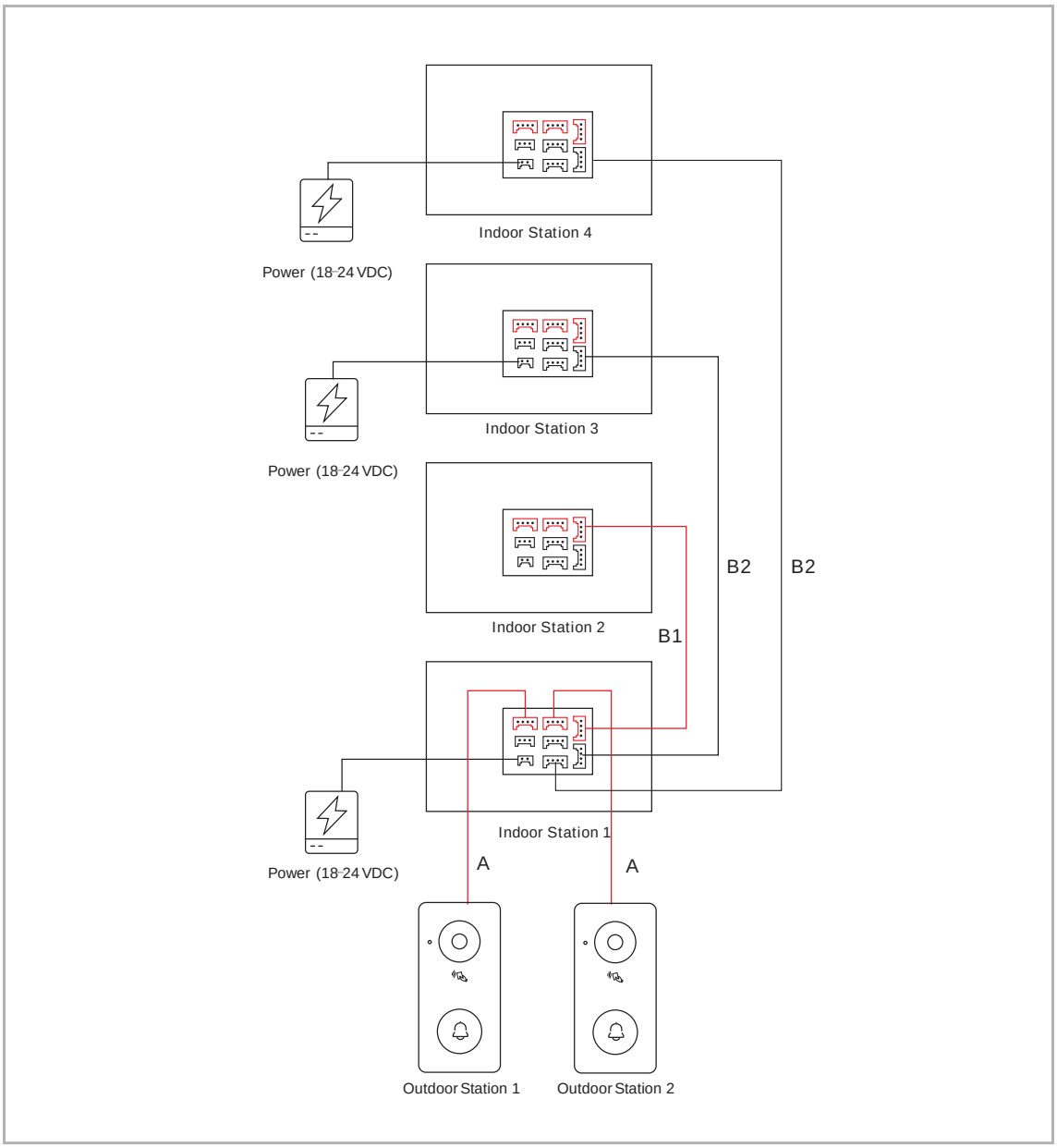
- If Indoor Station 2 uses local power supply. It should be connected to Indoor Station 1 via an extra Indoor Station connector without power (see the diagram below).



Distance when using RVV4 cable (≥0.5mm²)	Distance when using Cat.5/Cat.6/Cat.7
A≤100m B2≤100m	A≤100m B2≤80m

- A is defined as the maximum distance between Indoor Station and Outdoor Station.
- B2 is defined as the maximum distance between 2 Indoor Stations connected via non-powered connectors.

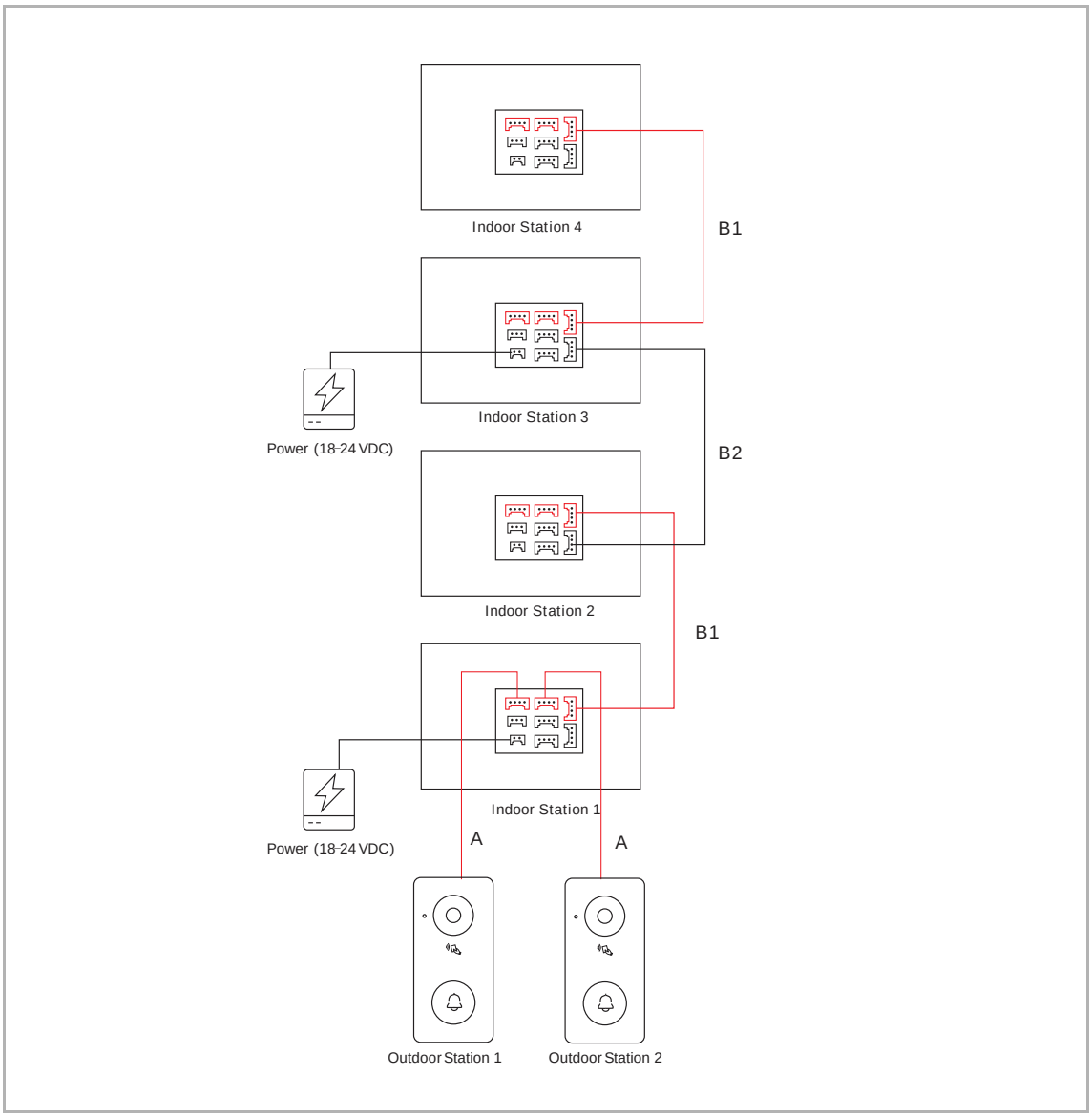
7.2.2 4 Indoor Stations - start topology



Distance when using RVV4 cable (⩾0.5mm²)	Distance when using Cat.5/Cat.6/Cat.7
A⩽100m	A⩽100m
B1⩽100m	B1⩽50m
B2⩽100m	B2⩽80m

- A is defined as the maximum distance between Indoor Station and Outdoor Station.
- B1 is defined as the maximum distance between 2 Indoor Stations connected via powered connectors (highlighted in red line in the topology above).
- B2 is defined as the maximum distance between 2 Indoor Stations connected via non-powered connectors.

7.2.3 4 Indoor Stations - hand in hand topology



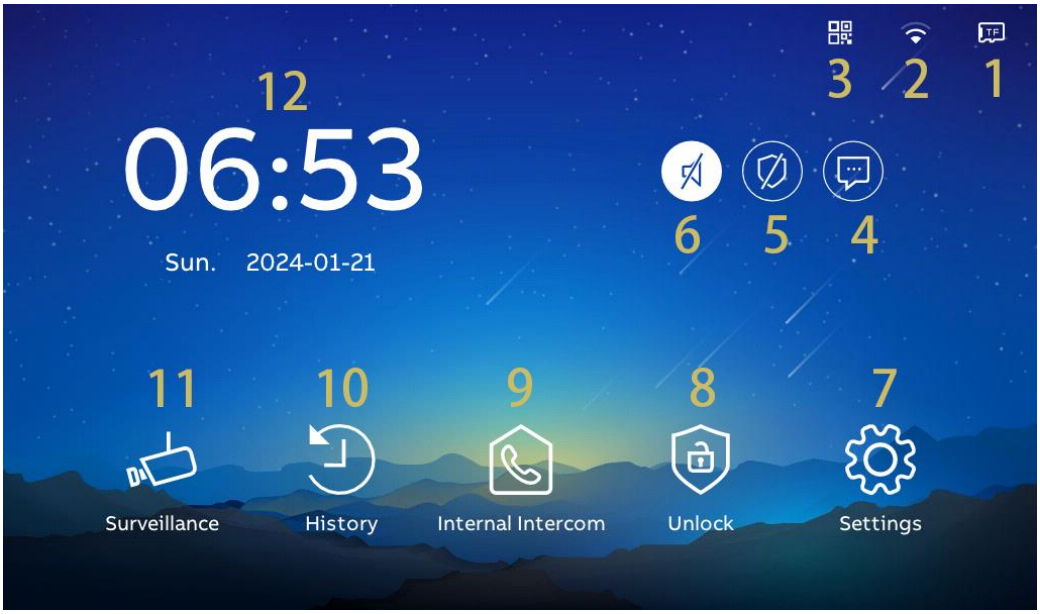
Distance when using RVV4 cable (≥0.5mm²)	Distance when using Cat.5/Cat.6/Cat.7
A≤100m	A≤100m
B1≤100m	B1≤50m
B2≤100m	B2≤80m

- A is defined as the maximum distance between Indoor Station and Outdoor Station.
- B1 is defined as the maximum distance between 2 Indoor Stations connected via powered connectors (highlighted in red line in the topology above).
- B2 is defined as the maximum distance between 2 Indoor Stations connected via non-powered connectors.

8 Commissioning

8.1 Indoor Stations

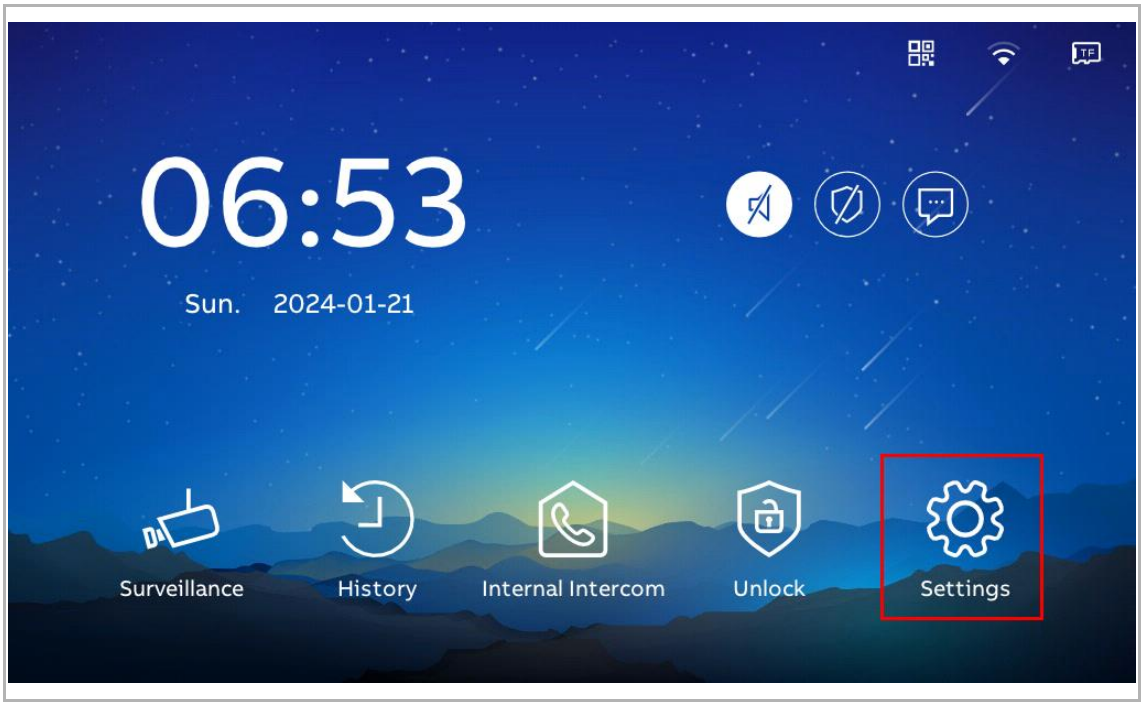
8.1.1 Home screen



No.	Description
1	**Show the status of TF card** " " will be displayed when a TF card is detected.
2	**Show the status of Wi-Fi** " " will be displayed when Wi-Fi is connected.
3	Tap " " to show the QR code to download APP
4	Tap the icon to enable/disable the “Leaving message” function " " will be displayed when the function is enabled.
5	Tap " " to enable/disable the defense alarm by inputting the security password.
6	Tap the icon to enable/disable the “Mute” function " " will be displayed when the function is enabled.
7	Tap " " to access the “Settings” screen
8	Tap " " to access the “Unlock” screen
9	Tap " " to access the “Intercom” screen
10	Tap " " to access the “History” screen
11	Tap " " to access the “Surveillance” screen
12	Display date and time

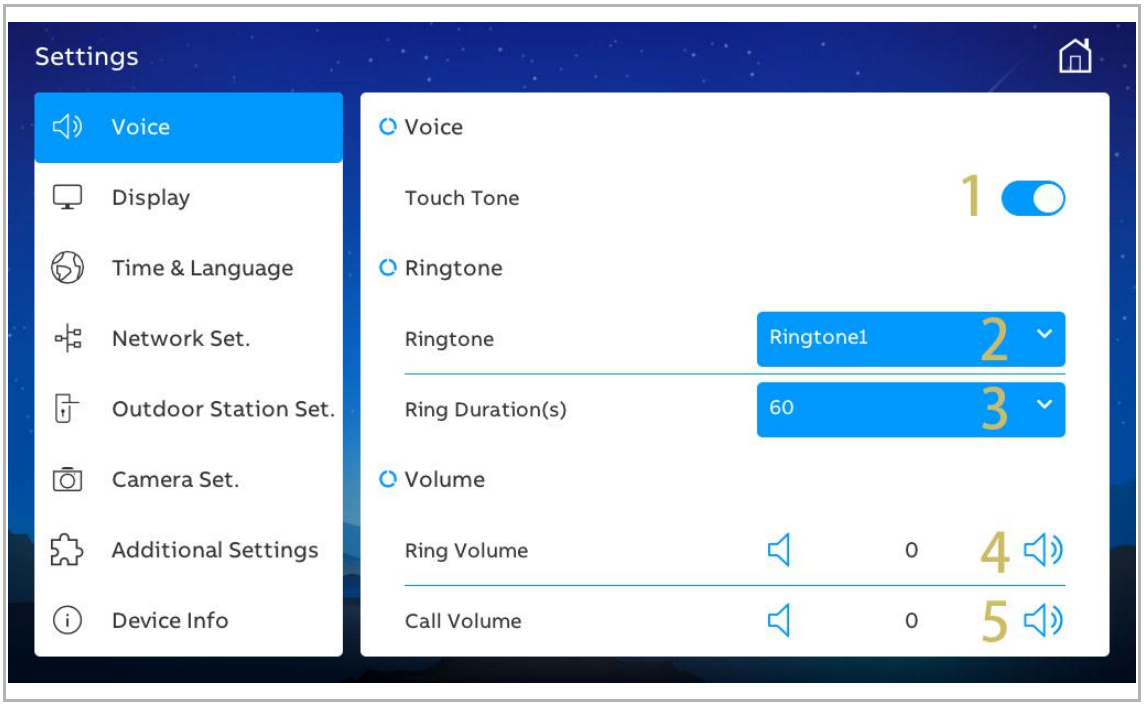
8.1.2 Accessing the "System settings" screen

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



8.1.3 Voice settings

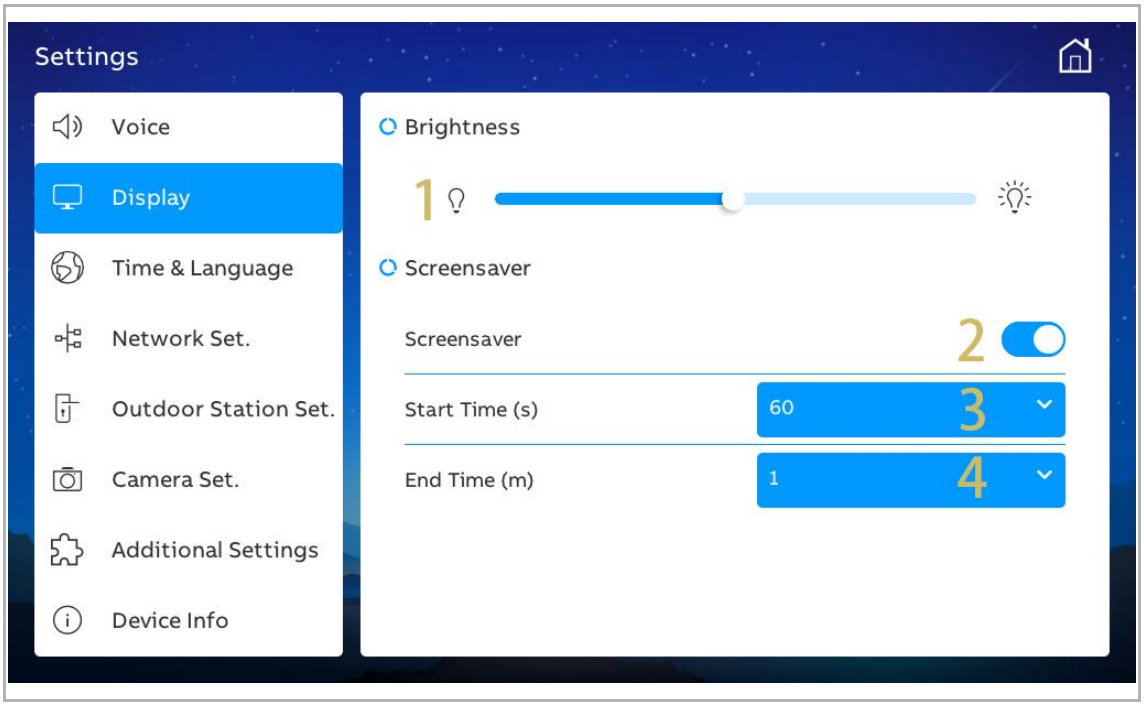
On the "Settings" screen, tap "Voice" to access the corresponding screen.



No.	Description
1	Enable/disable the “Touch tone“ function.
2	Select the ringtone type from the drop-down list (total 5 built-in ringtones).
3	Select the ring time from the drop-down list. It can be set to "10 seconds", "20 seconds", "30 seconds" or "60 seconds".
4	Tap " " to increase the ring volume. Tap " " to decrease the ring volume. The volume range is 0-4.
5	Tap " " to increase the ring volume. Tap " " to decrease the ring volume. The volume range is 0-4. Call volume can also be adjusted during a communication.

8.1.4 Display settings

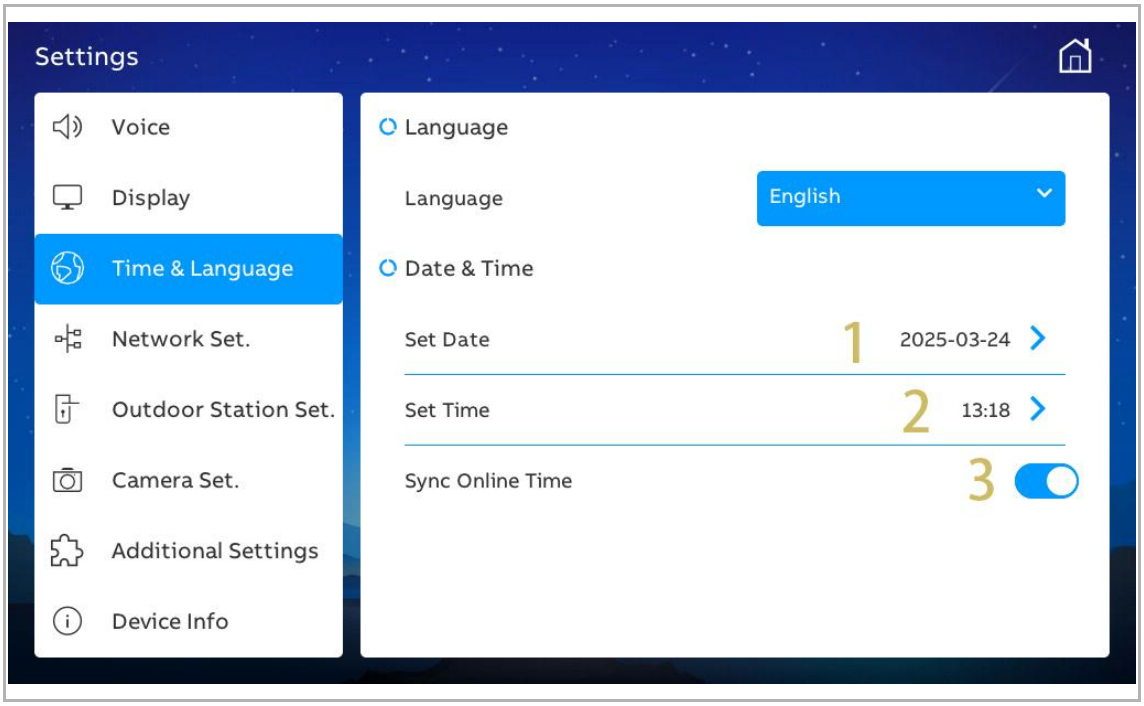
On the "Settings" screen, tap "Display" to access the corresponding screen.



No.	Description
1	Drag the scroll bar to increase/decrease the brightness.
2	Enable/disable the "Screensaver" function.
3	Select the start time from the drop-down list. It can be set to "10 seconds", "30 seconds", "60 seconds" or "120 seconds". The screensaver will start if no operation is carried out within the set time.
4	Select the end time from the drop-down list. It can be set to "1 minute", "3 minutes", or "5 minutes". The screen of the panel will be turned off if no operation is carried out within the set time.

8.1.5 Time settings

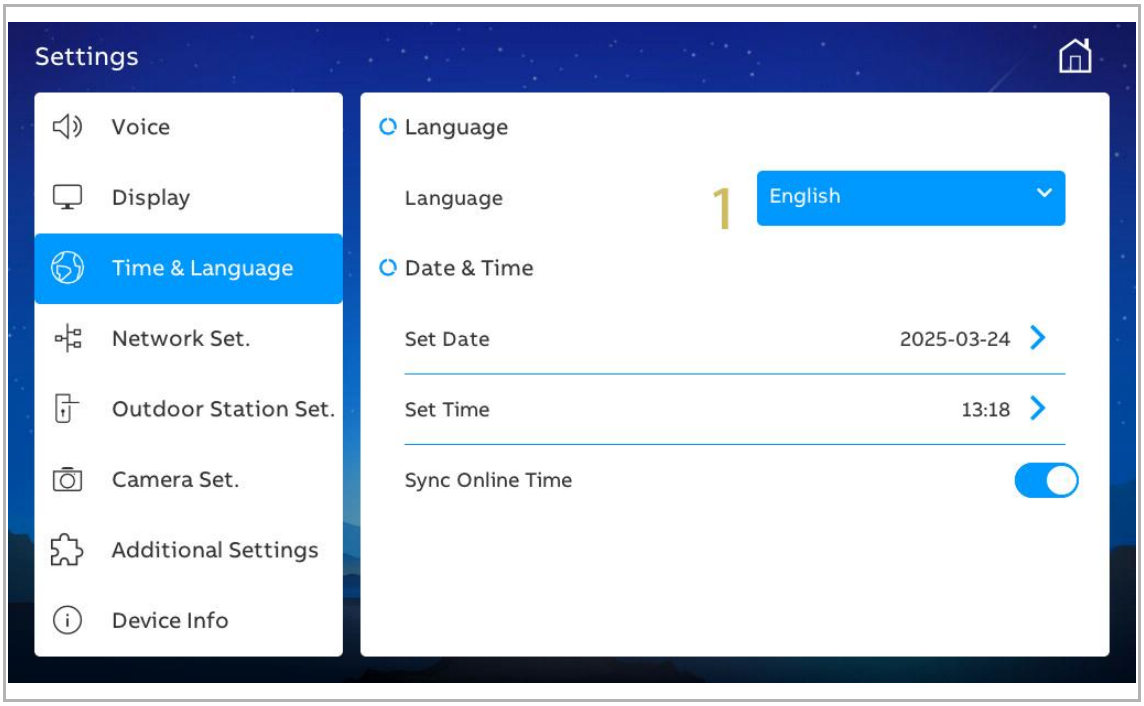
On the "Settings" screen, tap "Time & Language" to access the corresponding screen.



No.	Description
1	Set the date manually when "Sync online time" is disabled.
2	Set the time manually when "Sync online time" is disabled.
3	Set the date and time automatically when "Sync online time" is enabled. Please ensure the Indoor Station has connected to internet successfully and the Indoor Station has paired with APP.

8.1.6 Language setting

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



No.	Description
1	Select the language from the drop-down list. Language setting takes effect immediately, no need to reboot the device.

8.1.7 Network settings

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

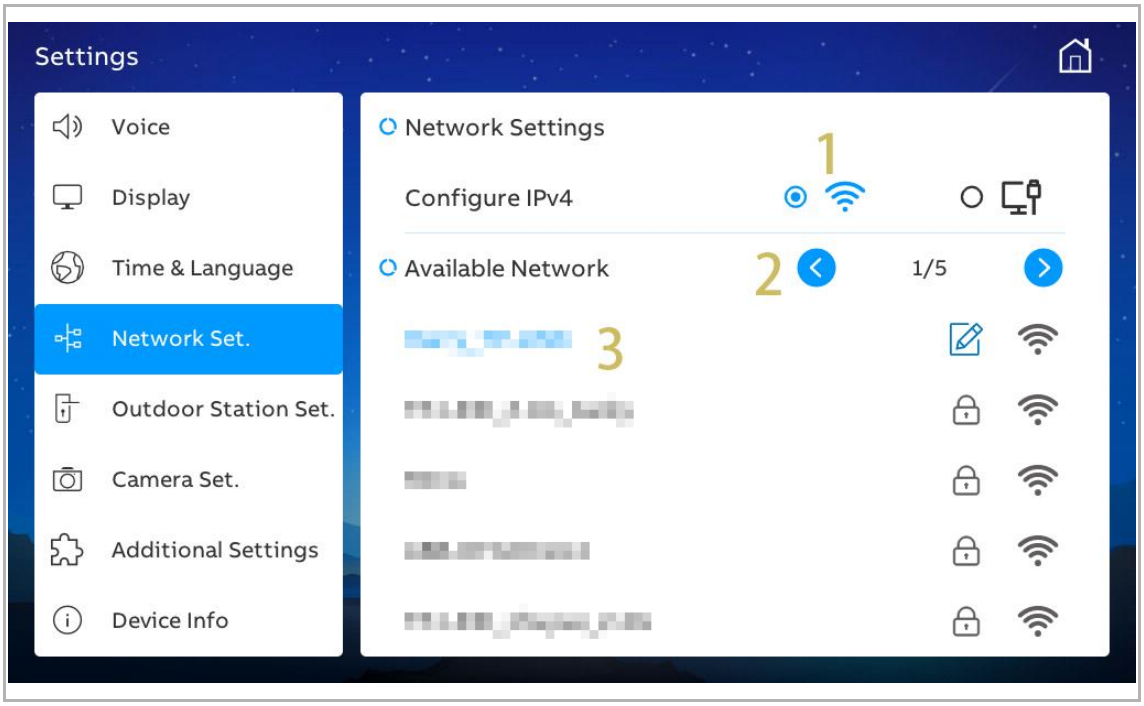
1. Configuring Wi-Fi network

Please follow the steps below:

[1] On the "Network Set." screen, tap " ".

[2] Tap " " or " " to switch pages to view specific Wi-Fi name.

[3] Tap the designated Wi-Fi name.



[4] Enter the password.

- Tap " 👁 " to display the password, tap " 👁‍🗨 " to hide the password.
- Tap [1#] to switch to number input.
- Tap [abc] to switch to lowercase input.
- Tap [ABC] to switch to uppercase input.

[5] Tap " √ ".

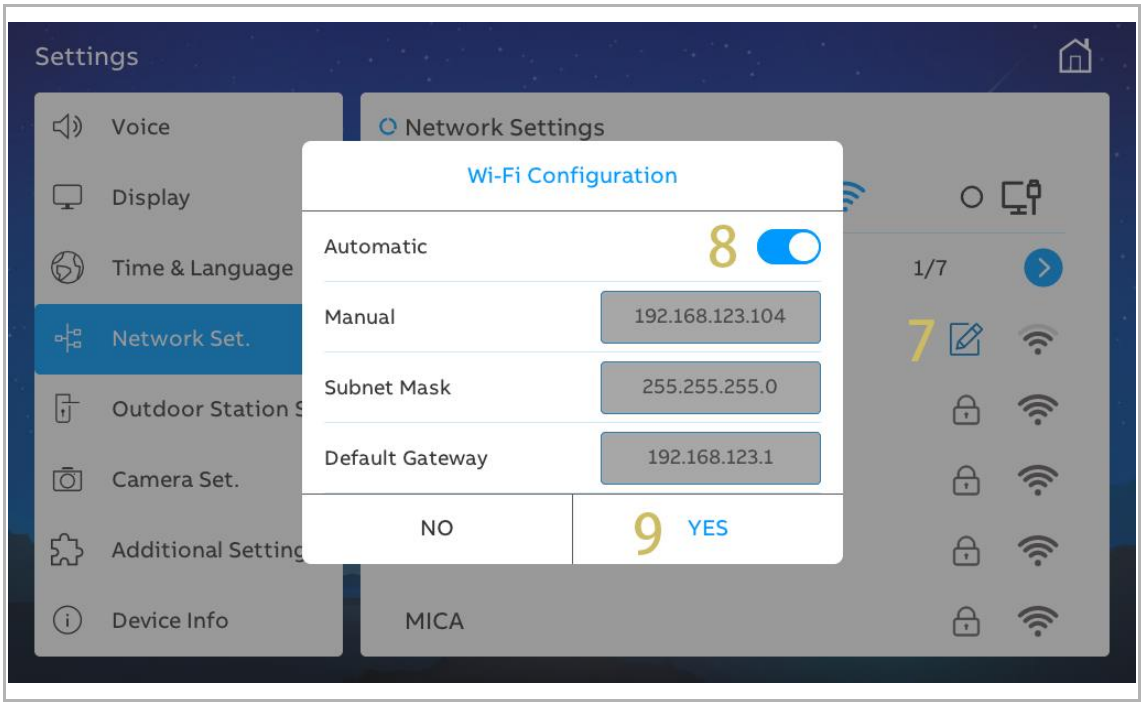
[6] Tap "YES".



[7] Tap " " to edit the IP address.

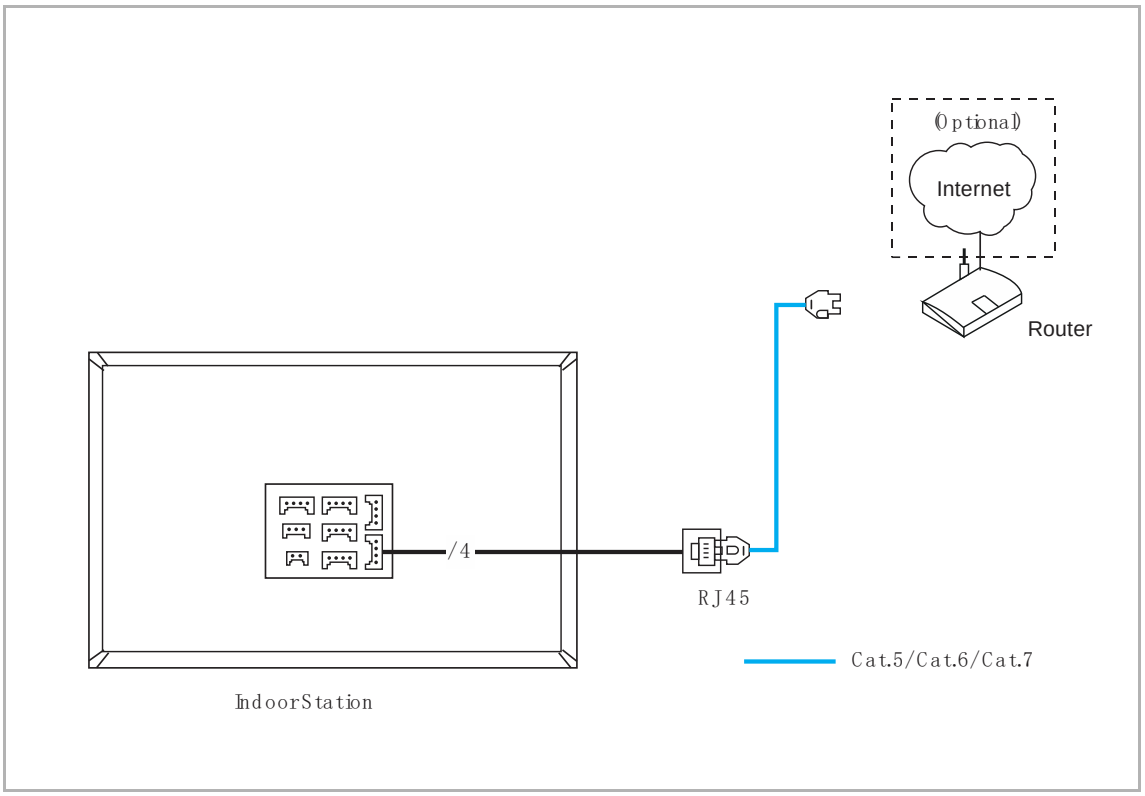
[8] [Auto DHCP] is enabled by default. You can tap " " to disable the DHCP and enter the IP address manually.

[9] Tap "YES" to save.



2. Configuring LAN network

Indoor Station should be connected to a router before this setting.



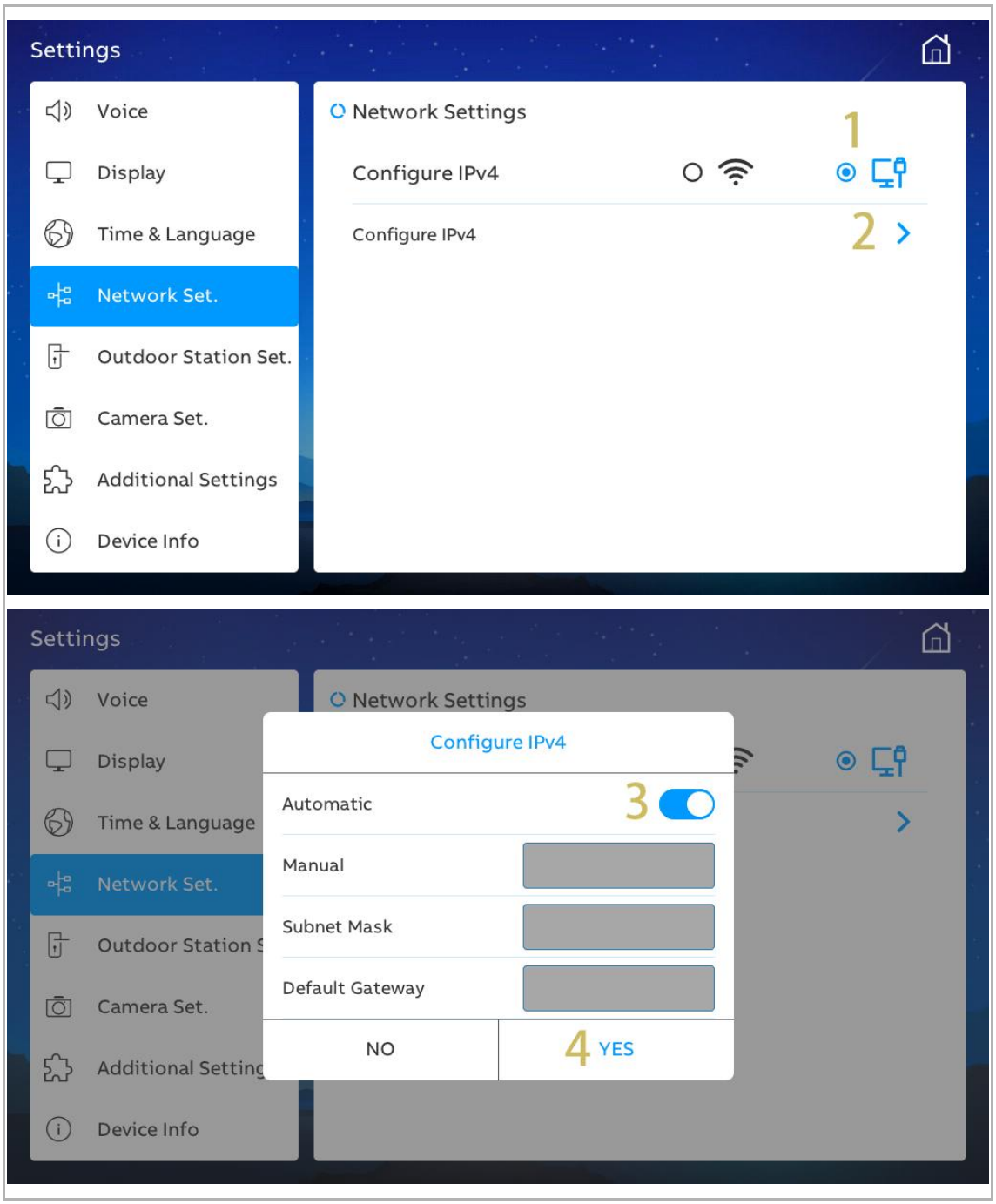
Please follow the steps below:

[1] On the "Network Set." screen, tap " ".

[2] Tap "IP Configure " to access the corresponding screen.

[3] [Auto DHCP] is enabled by default. You can tap " " to disable the DHCP and enter the IP address manually.

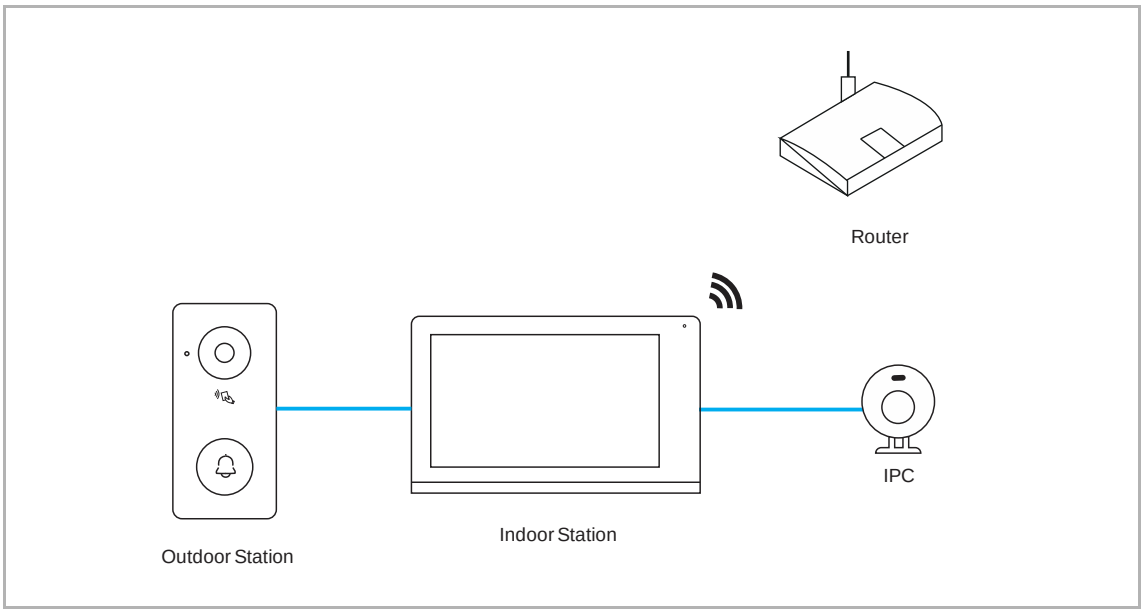
[4] Tap "YES" to save.



8.1.8 Camera settings

There are 5 scenarios where the cameras are connects to Indoor Station.

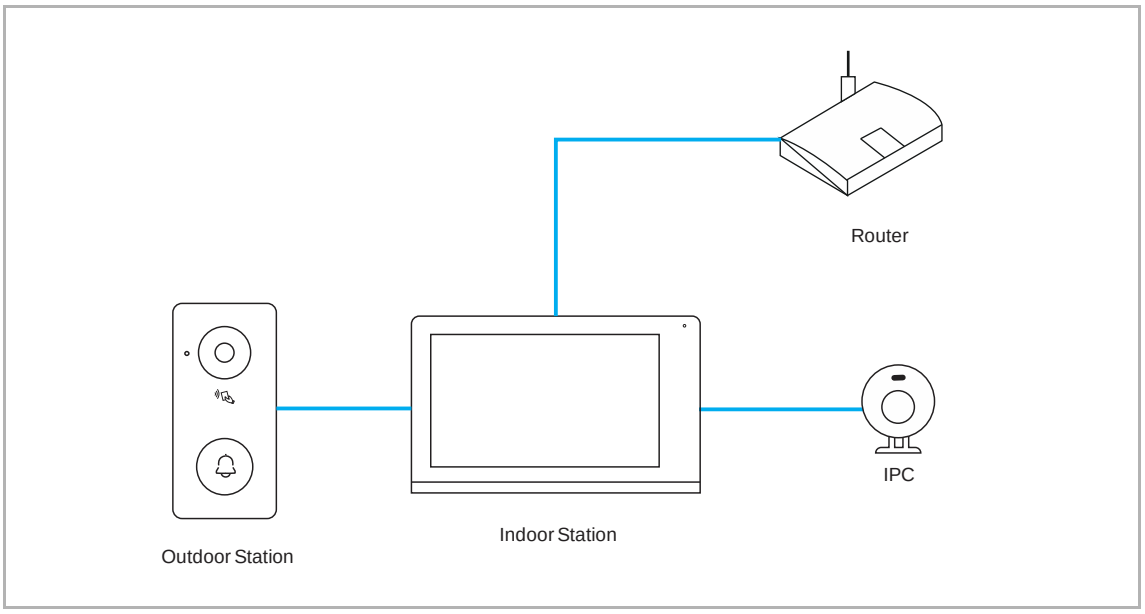
Scenario 1: camera connects to Indoor Station directly & Indoor Station connects to a router via Wi-Fi



In this case, you need to configure the IP address as follows:

- The camera must use a static IP address.
- Scenario 1: Camera on 10.x.x.x network
  - If the camera uses an IP address in the 10 network segment, it must be set within the range 10.0.12.1~10.0.12.254 with a subnet mask of 255.0.0.0.
  - The router's IP address can be in any network segment.
  - If the router's IP address is also 10 network segment, it must be set within the rage 10.0.12.1~10.0.12.254 with a subnet mask of 255.0.0.0.
  - The router's IP address must be different the camera's IP address.
- Scenario 2: Camera Not on 10.x.x.x network
  - The camera's IP address can be any network segment except 10 network segment.
  - The router' IP address must be in the same network segment as the camera's IP address.
- Indoor Station network setting: WiFi.
- Camera setting: Enable the Onvif protocol before use.
- Maximum 2 cameras can be supported in this case.

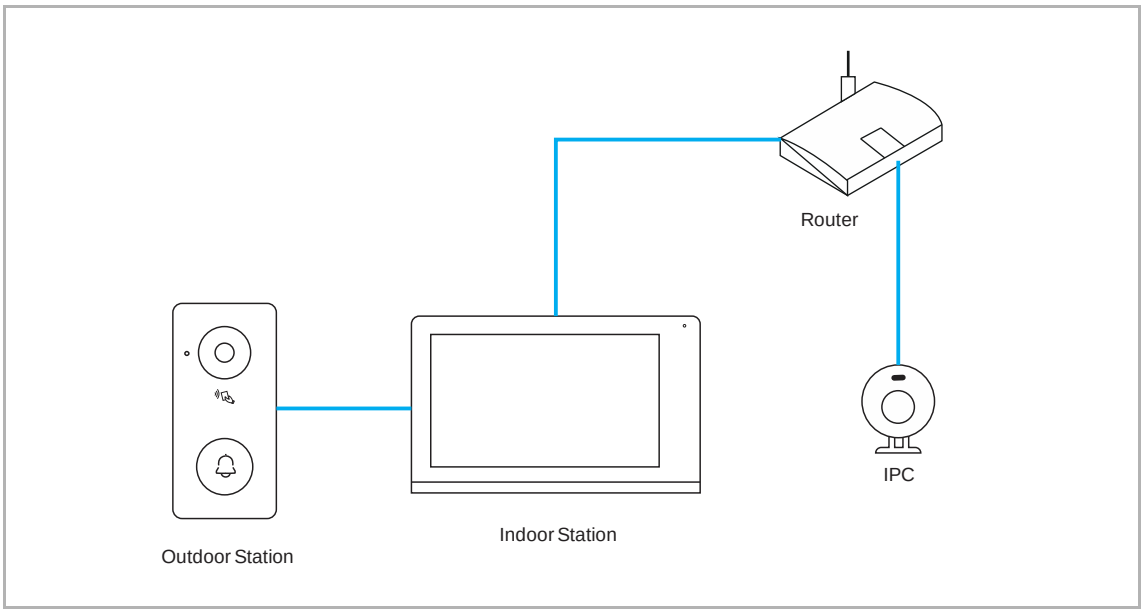
Scenario 2: camera connects to Indoor Station directly & Indoor Station connects to a router via a network cable



In this case, you need to configure the IP address as follows:

- The camera must use a static IP address.
- Scenario 1: Camera on 10.x.x.x network
  - If the camera uses an IP address in the 10 network segment, it must be set within the range 10.0.12.1~10.0.12.254 with a subnet mask of 255.0.0.0.
  - The router's IP address can be in any network segment.
  - If the router's IP address is also 10 network segment, it must be set within the rage 10.0.12.1~10.0.12.254 with a subnet mask of 255.0.0.0.
  - The router's IP address must be different the camera's IP address.
- Scenario 2: Camera Not on 10.x.x.x network
  - The camera's IP address can be any network segment except 10 network segment.
  - The router' IP address must be in the same network segment as the camera's IP address.
- Indoor Station network setting: LAN.
- Camera setting: Enable the Onvif protocol before use.
- Maximum 2 cameras can be supported in this case.

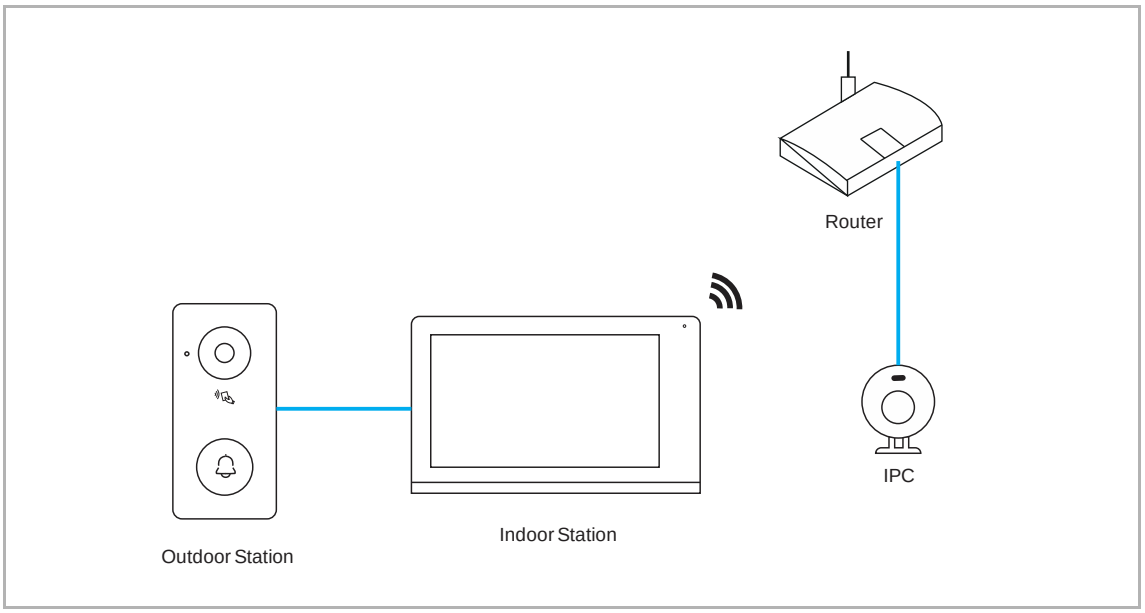
Scenario 3: camera connects to a router & Indoor Station connects to the router via a network cable



In this case, you need to configure the IP address as follows:

- The camera can use a static IP address or obtain an address via DHCP.
- Scenario 1: Camera on 10.x.x.x network
  - If the camera uses an IP address in the 10 network segment, it must be set within the range 10.0.12.1~10.0.12.254 with a subnet mask of 255.0.0.0.
  - The router's IP address must be in the same network segment as the camera's IP address.
  - The router's IP address must be different the camera's IP address.
  - If the router's IP address is also 10 network segment, it must be set within the rage 10.0.12.1~10.0.12.254 with a subnet mask of 255.0.0.0.
- Scenario 2: Camera Not on 10.x.x.x network
  - The camera's IP address can be any network segment except 10 network segment.
  - The router' IP address must be in the same network segment as the camera's IP address.
- Indoor Station network setting: LAN.
- Camera setting: Enable the Onvif protocol before use.
- Maximum 32 cameras can be supported in this case.

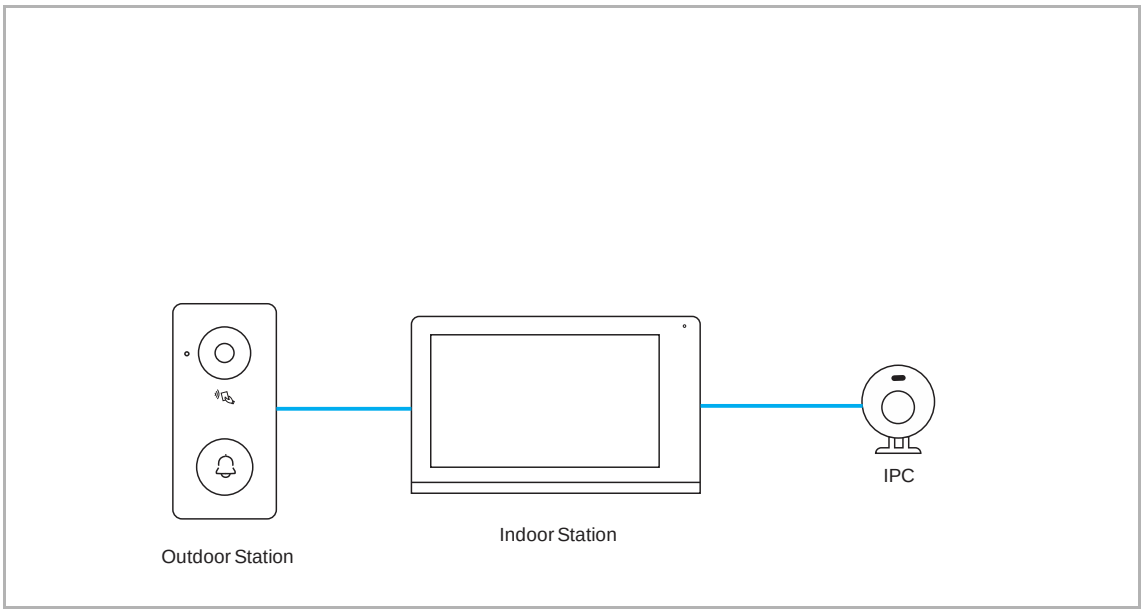
Scenario 4: camera connects to a router & Indoor Station connects to the router via Wi-Fi



In this case, you need to configure the IP address as follows:

- The camera can use a static IP address or obtain an address via DHCP.
- Scenario 1: Camera on 10.x.x.x network
  - If the camera uses an IP address in the 10 network segment, it must be set within the range 10.0.12.1~10.0.12.254 with a subnet mask of 255.0.0.0.
  - The router's IP address must be in the same network segment as the camera's IP address.
  - The router's IP address must be different the camera's IP address.
  - If the router's IP address is also 10 network segment, it must be set within the rage 10.0.12.1~10.0.12.254 with a subnet mask of 255.0.0.0.
- Scenario 2: Camera Not on 10.x.x.x network
  - The camera's IP address can be any network segment except 10 network segment.
  - The router' IP address must be in the same network segment as the camera's IP address.
- Indoor Station network setting: WiFi.
- Camera setting: Enable the Onvif protocol before use.
- Maximum 32 cameras can be supported in this case.

Scenario 5: camera connects to Indoor Station directly (no router is used)



In this case, you need to configure the IP address as follows:

- The camera must use a static IP address.
- Scenario 1: Camera on 10.x.x.x network
  - If the camera uses an IP address in the 10 network segment, it must be set within the range 10.0.12.1~10.0.12.254 with a subnet mask of 255.0.0.0.
  - Indoor Station network setting: N/A.
- Scenario 2: Camera Not on 10.x.x.x network
  - The camera's IP address can be any network segment except 10 network segment.
  - Indoor Station network setting: LAN.
  - The router' IP address must be in the same network segment as the camera's IP address.
- Camera setting: Enable the Onvif protocol before use.
- Maximum 2 cameras can be supported in this case.

Specification of "Onvif"

Stream type	Designation	Value
Main stream	Video encoding	H.264
	Resolution	1280*720 pixels
	Video frame rate	25 fps
	Bit rate	Maximum 2048 kbps
Sub stream	Video encoding	H.264
	Resolution	640*480 pixels
	Video frame rate	25 fps
	Bit rate	Maximum 256 kbps

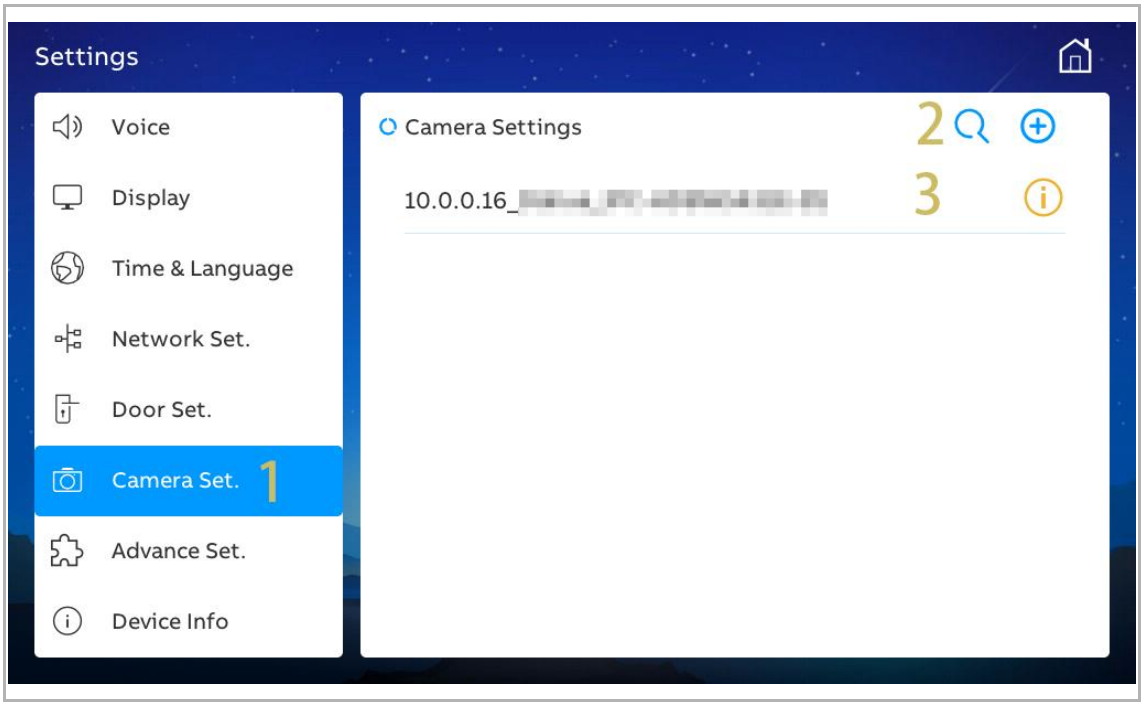
Adding cameras via auto search

Please follow the steps below:

[1] On the "Settings" screen, tap "Camera Set." to access the corresponding screen.

[2] Tap " " to search the cameras.

[3] The camera will be displayed on the screen if success. " " will be displayed to indicate the unauthorized status.



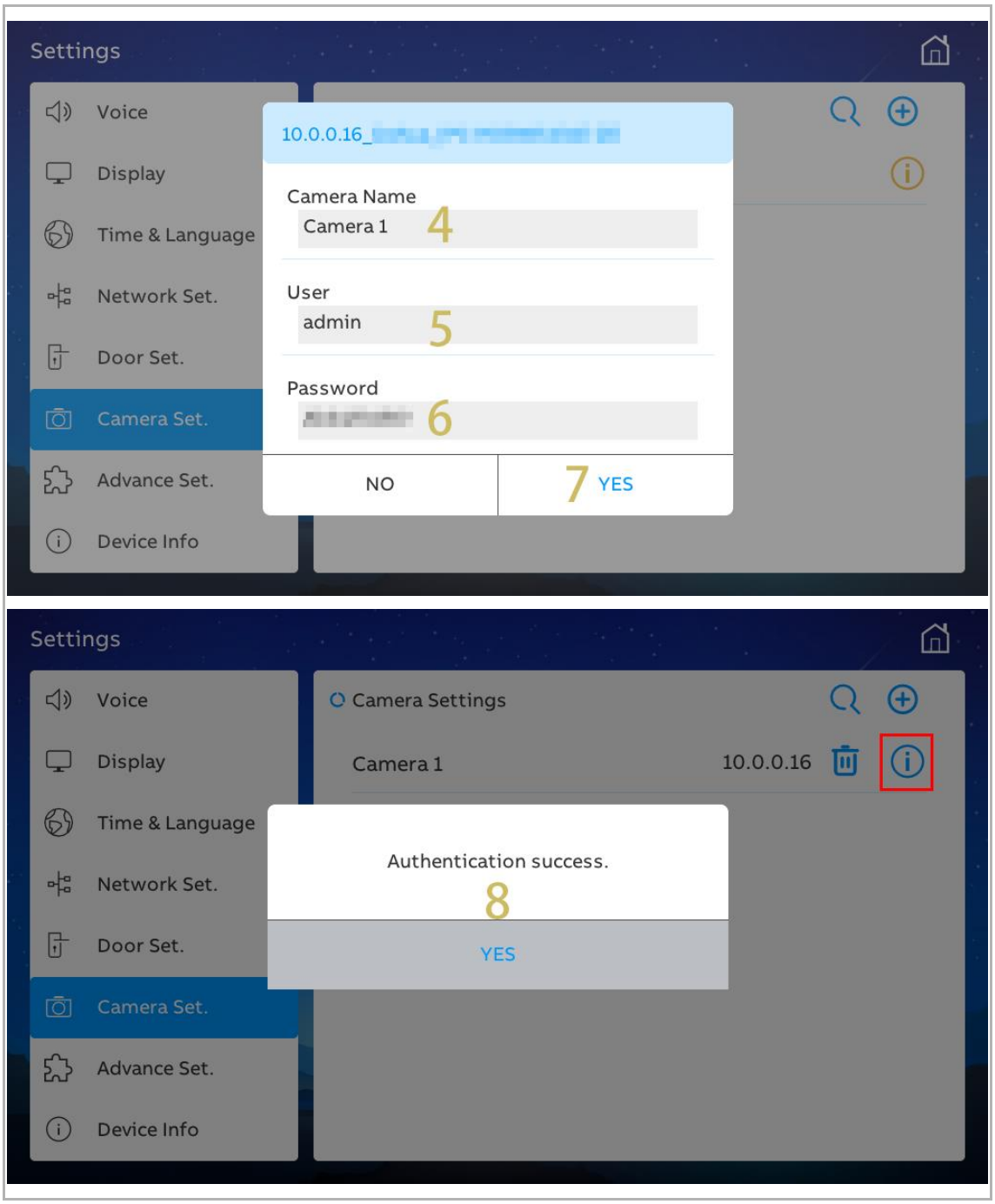
[4] Enter the alias name of the camera.

[5] Enter the user name.

[6] Enter the password.

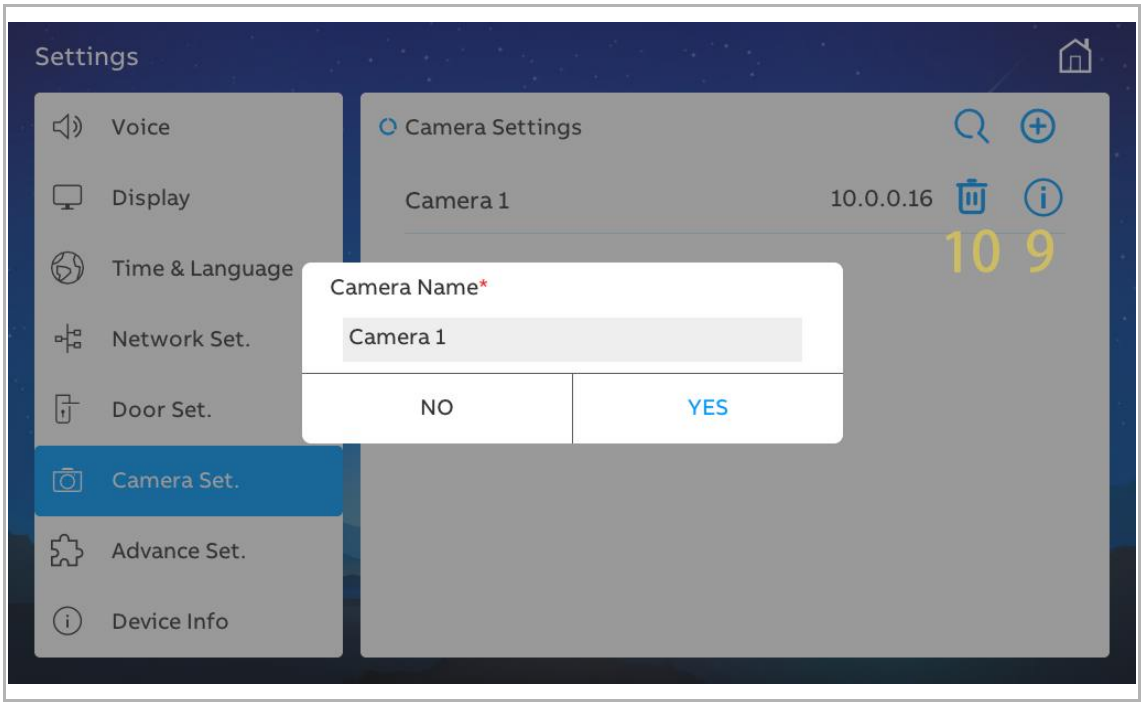
[7] Tap "YES".

[8] Tap "YES". " ⓘ " will be displayed to indicate the authorized status.



[9] Tap " ⓘ " to change the alias name.

[10]Tap " 🗑 " to remove the camera.



Adding cameras manually

Please follow the steps below:

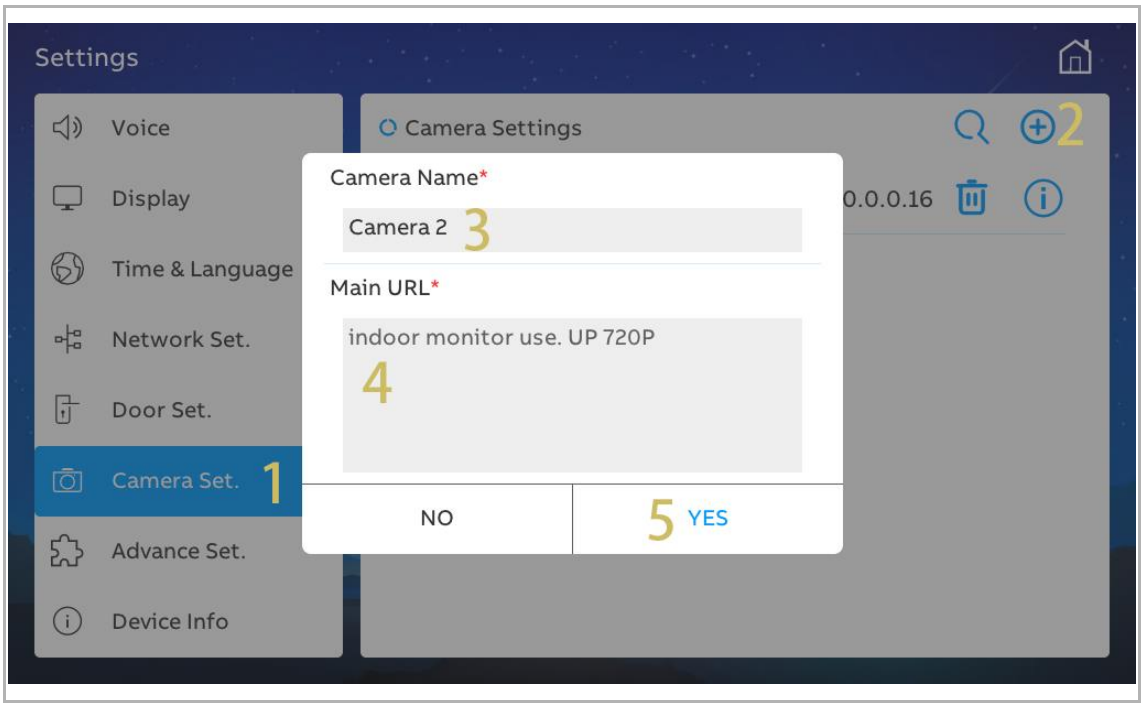
[1] On the "Settings" screen, tap "Camera Set." to access the corresponding screen.

[2] Tap " ⊕ " to add a camera.

[3] Enter the alias name of the camera.

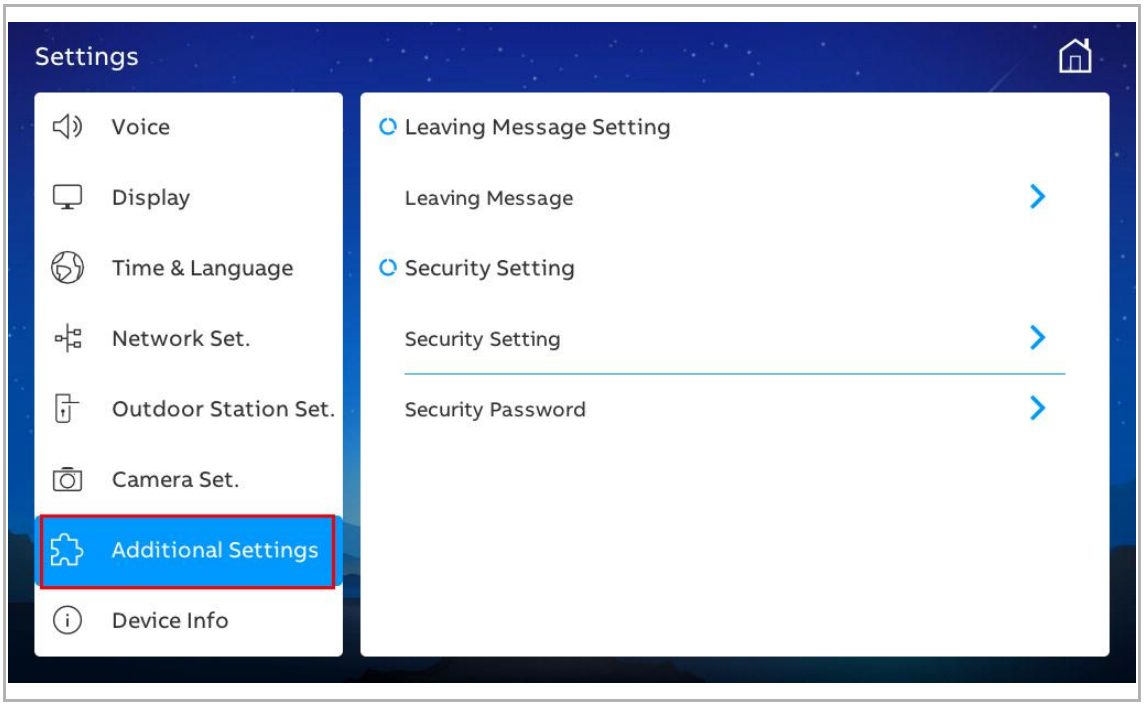
[4] Enter the URL of the camera.

[5] Tap "YES".



8.1.9 Accessing the "Advanced settings" screen

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



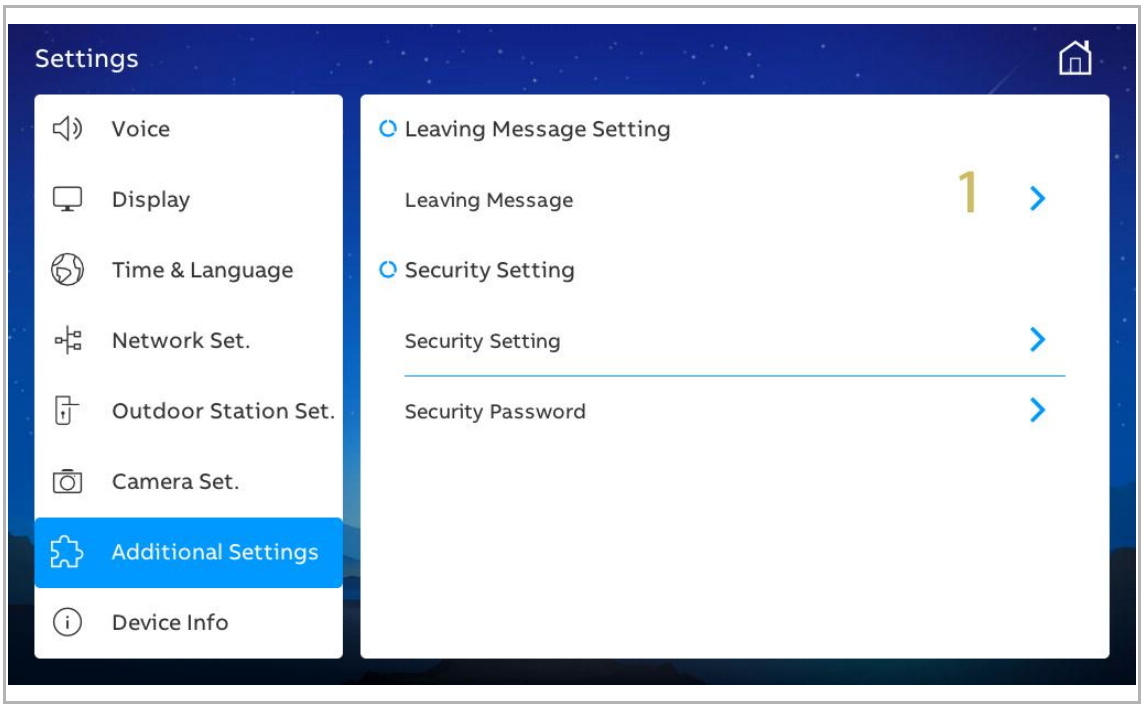
8.1.10 Configuring leave messages

If Indoor Station enables the "Leaving messages" function, it will play a recorded voice during an incoming call from Outdoor Station.

This function can only be configured on Indoor Station 1.

Please follow the steps below:

[1] On the "Advanced Settings" Screen, tap "Leaving Message" to access the corresponding screen.



[2] Tap " " to enable the function.

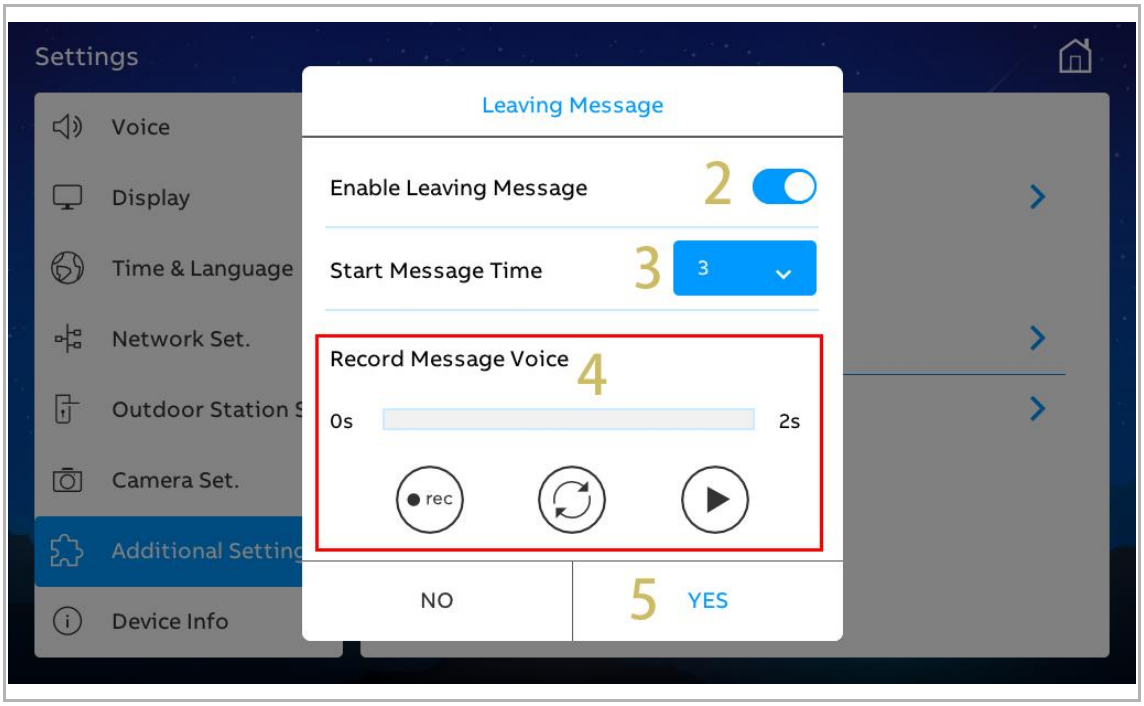
[3] Select the start time from the drop-down list. It can be set to "3 seconds", "10 seconds", "20 seconds" or "30 seconds".

■ The Indoor Station will play the leaving voice after the start time during an incoming call.

[4] Configure the voice.

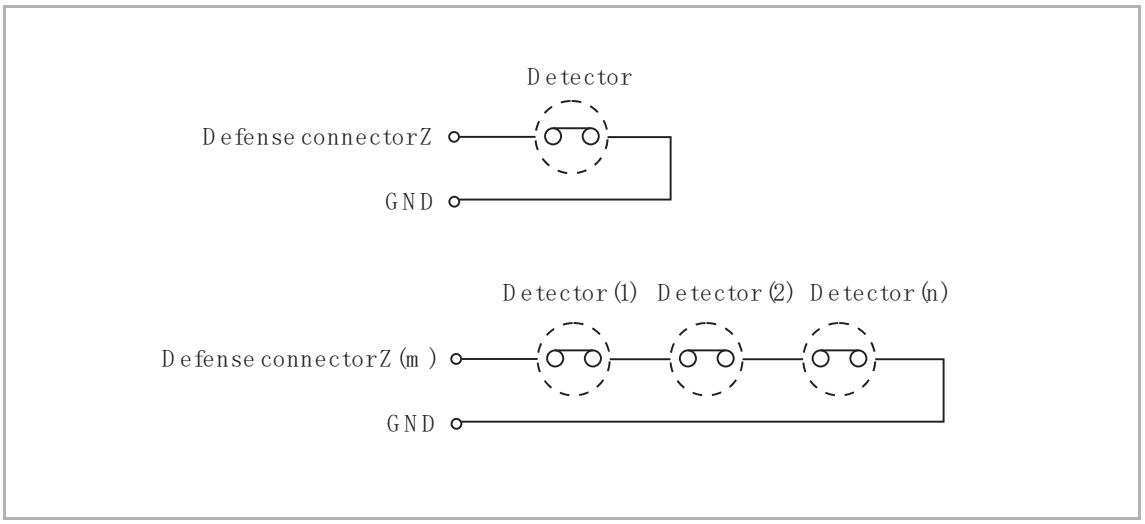
- The system default is a two-second "di".
- Tap " " to record a voice.
- Tap " " to stop the record.
- Tap " " to play the voice.
- Tap " " to reset current voice to the system default.

[5] Tap "YES" to save.

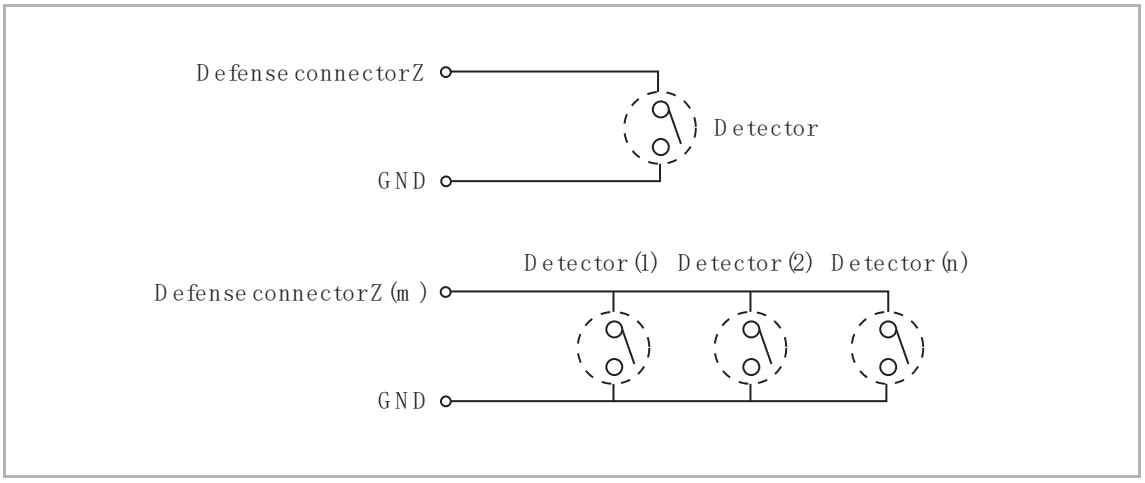


8.1.11 Alarm settings

NC wiring



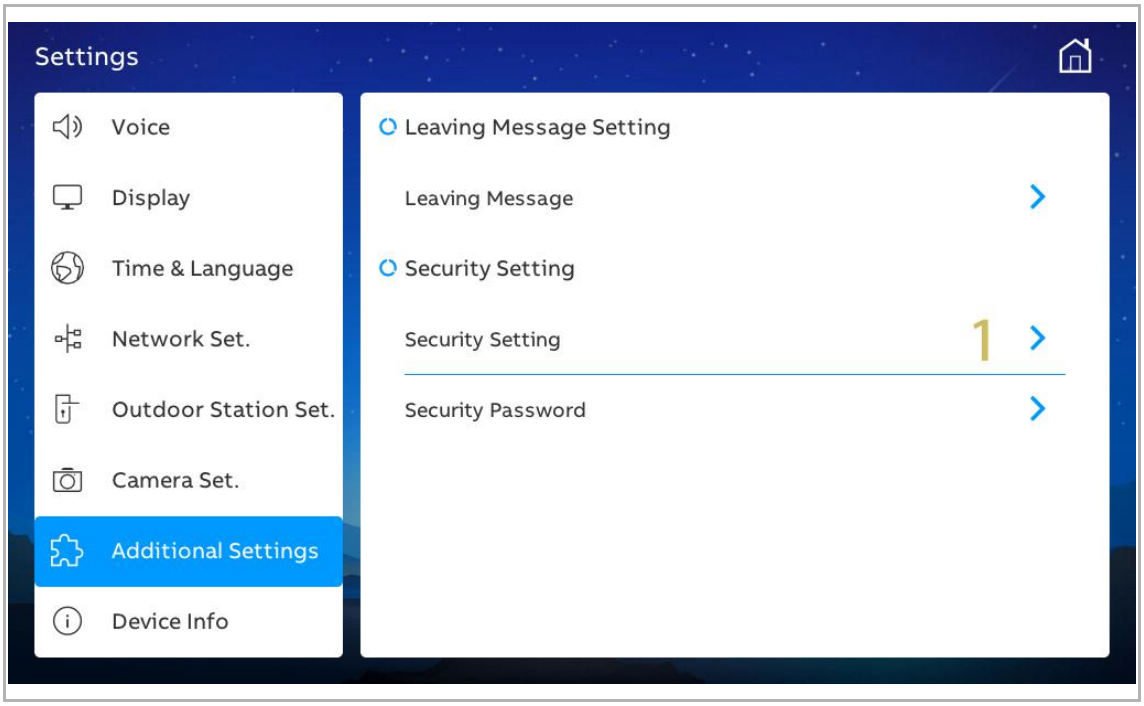
NO wiring



Security settings

Please follow the steps below:

[1] On the "Advanced Set." Screen, tap "Security Setting" to access the corresponding screen.



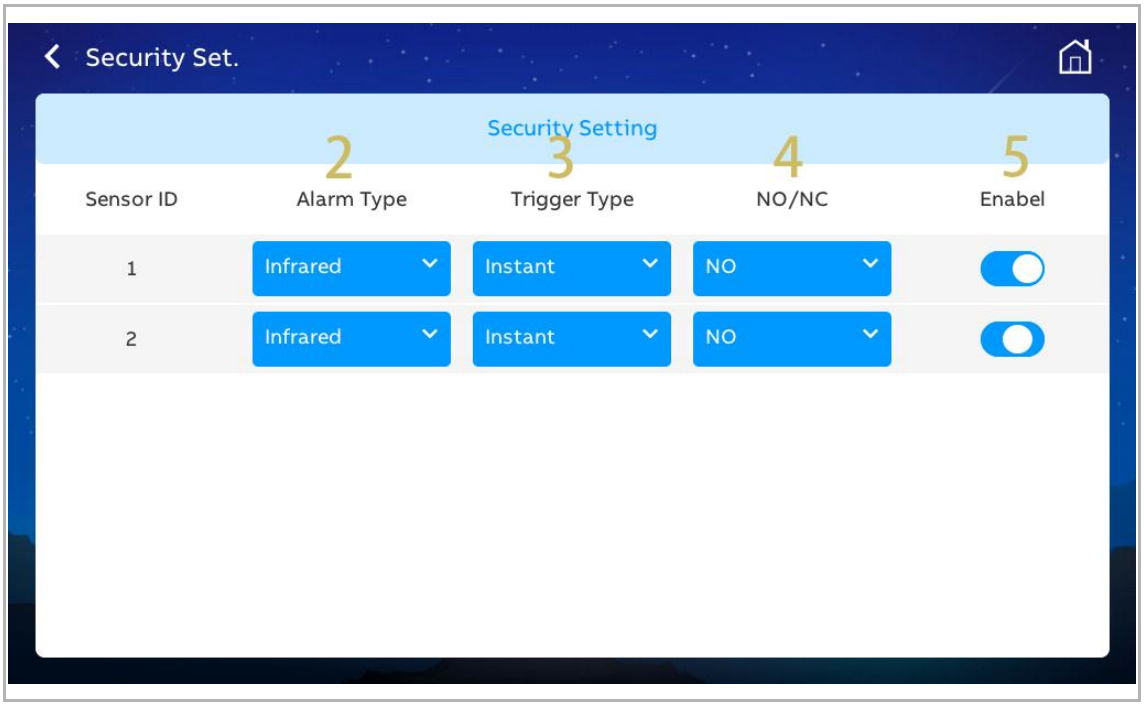
[2] Select the alarm type. It can be set to "Infrared", "Gas", "Smoke", "Door Magnet", "Window Magnet" or "SOS".

[3] Select the trigger type. It can be set to "Instant", "24h Instant" or "Delayed".

- Trigger type = "Instant", with this setting, when the zone is triggered during arming, an alarm sound is played and an alarm message is sent to the Indoor Station or APP if any. The alarm will be turned off when this Indoor Station is disarmed.
- Trigger type = "Delayed", with this setting, when the zone is triggered during arming, the resident has some time to enter user password to disarm this Indoor Station, meaning no alarm will be sounded and no alarm message will be sent.
- Trigger type = "24h Instant", with this setting, when the zone is triggered (whether arming or disarming), an alarm sound will be played and an alarm message will be sent to the Indoor Station or APP immediately. The only way to end the alarm is to disable the zone.

[4] Select the connection type. It can be set to "NO" or "NC".

[5] Tap "  " to enable the zone or disable the zone.



Configuring the security password

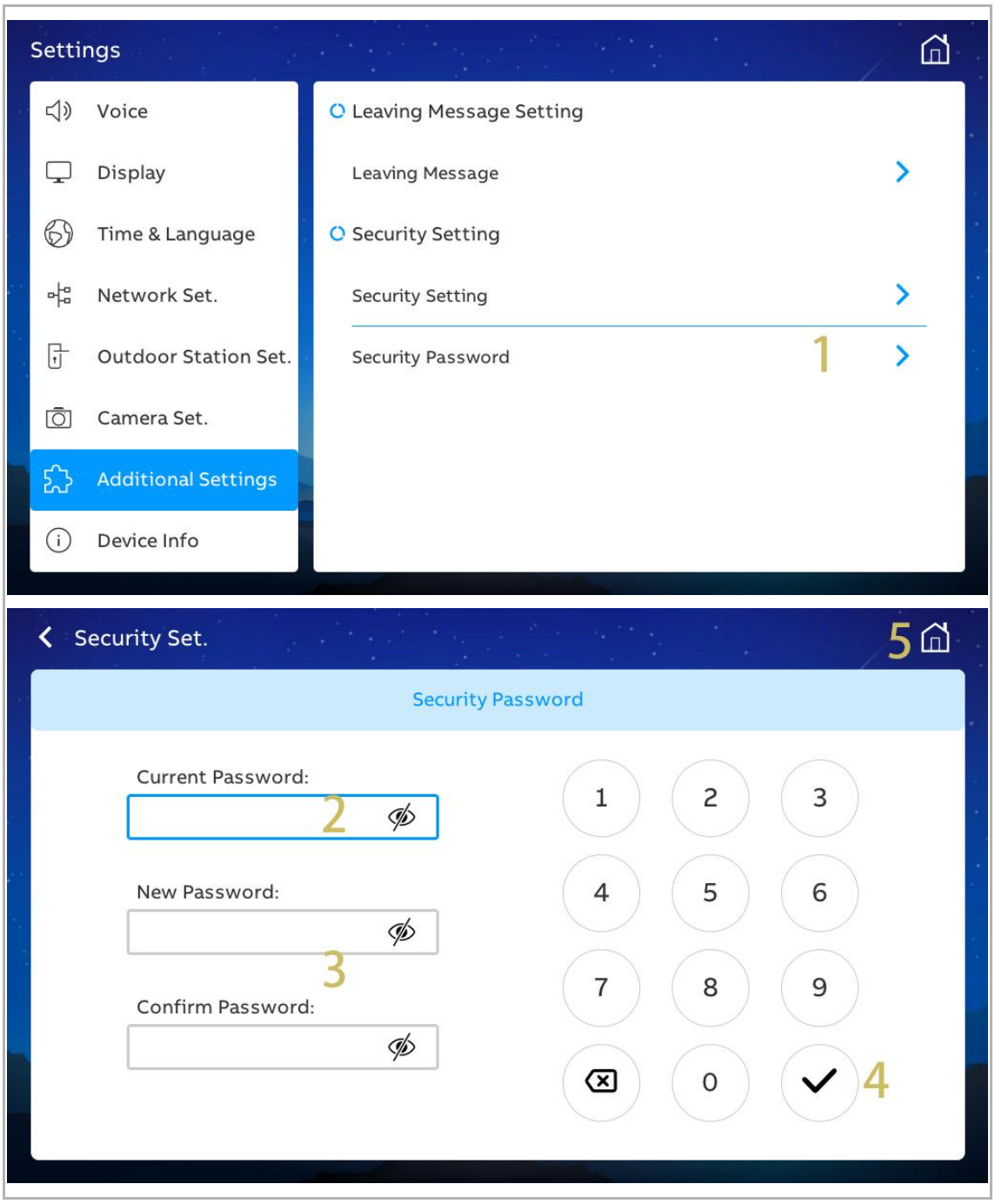
Please follow the steps below:

[1] On the "Advanced Set." Screen, tap "Security Password" to access the corresponding screen.

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

[3] Enter new password twice.

[4] Tap " √ " to save.



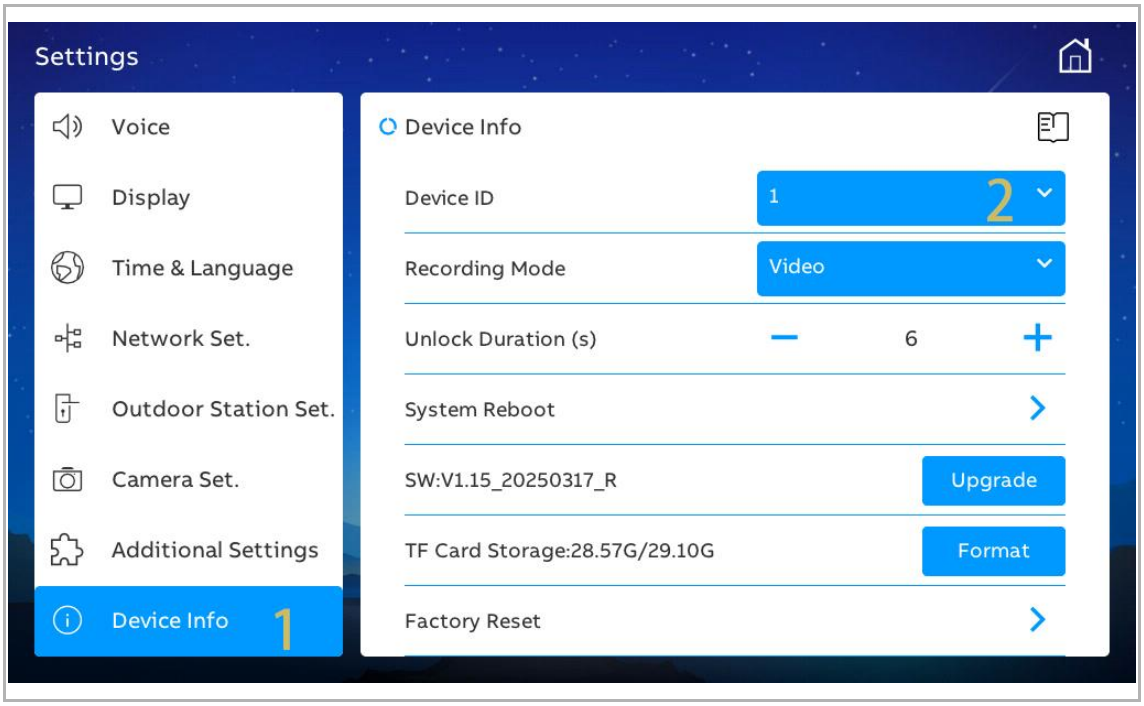
8.1.12 Address setting

Please follow the steps below:

[1] On the "Settings" Screen, tap "Device Info" to access the corresponding screen.

[2] On the "Device Info" screen, select the device ID from the drop-down list. It can be set to "1", "2", "3" or "4".

- Only one panel can be set to "1" in the same apartment.



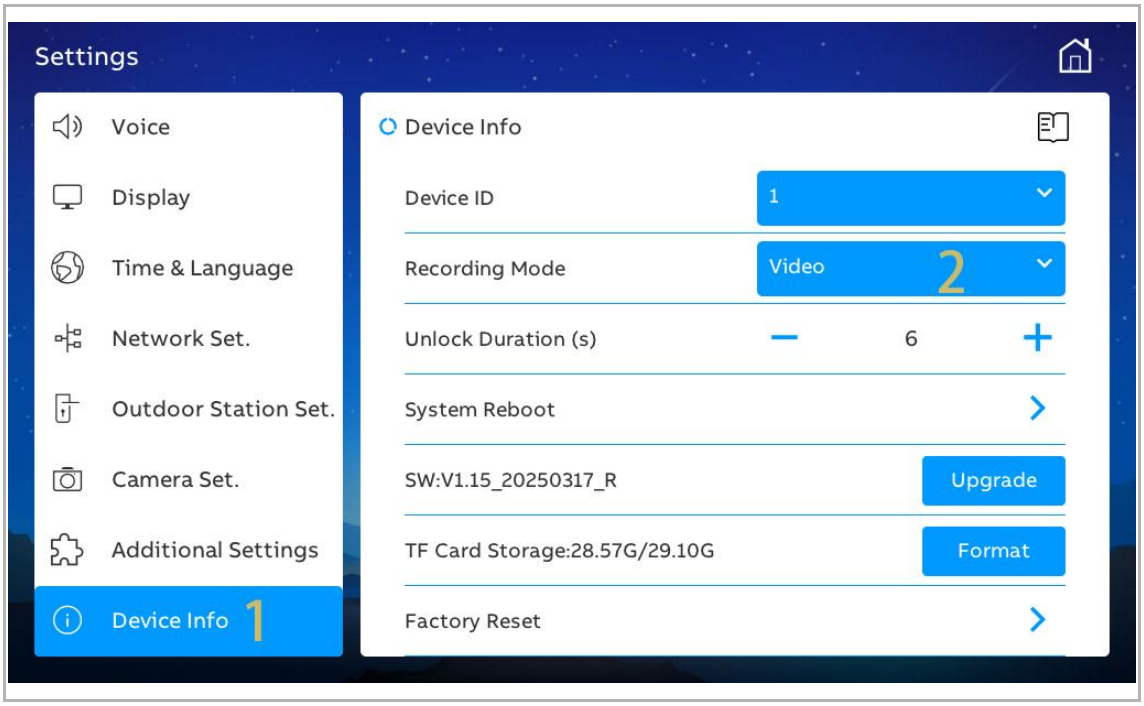
8.1.13 Record mode setting

Please follow the steps below:

[1] On the "Settings" Screen, tap "Device Info" to access the corresponding screen.

[2] On the "Device Info" screen, select the record mode from the drop-down list. It can be set to "Picture" or "Video".

- If record mode = "Picture", during an incoming call, Indoor Station will take a snapshot automatically at the 5th second.
- If record mode = "Video", during an incoming call, Indoor Station will record a 15-second video automatically. And you need to insert a TF card before use.



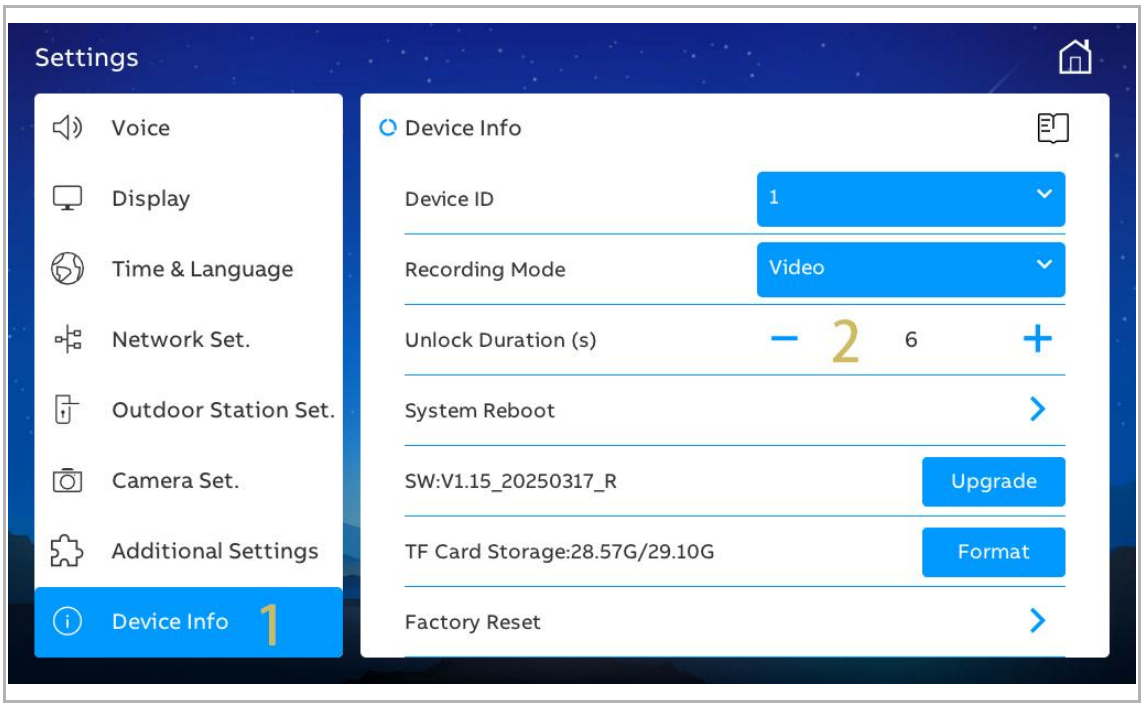
8.1.14 Unlock setting

There is a lock can be connected to Indoor Station (NC...COM...NO).

Please follow the step to set the unlock time:

[1] On the "Settings" Screen, tap "Device Info" to access the corresponding screen.

[2] On the "Device Info" screen, tap " + " or " — " to set the unlock time. The range is 1...250 seconds.



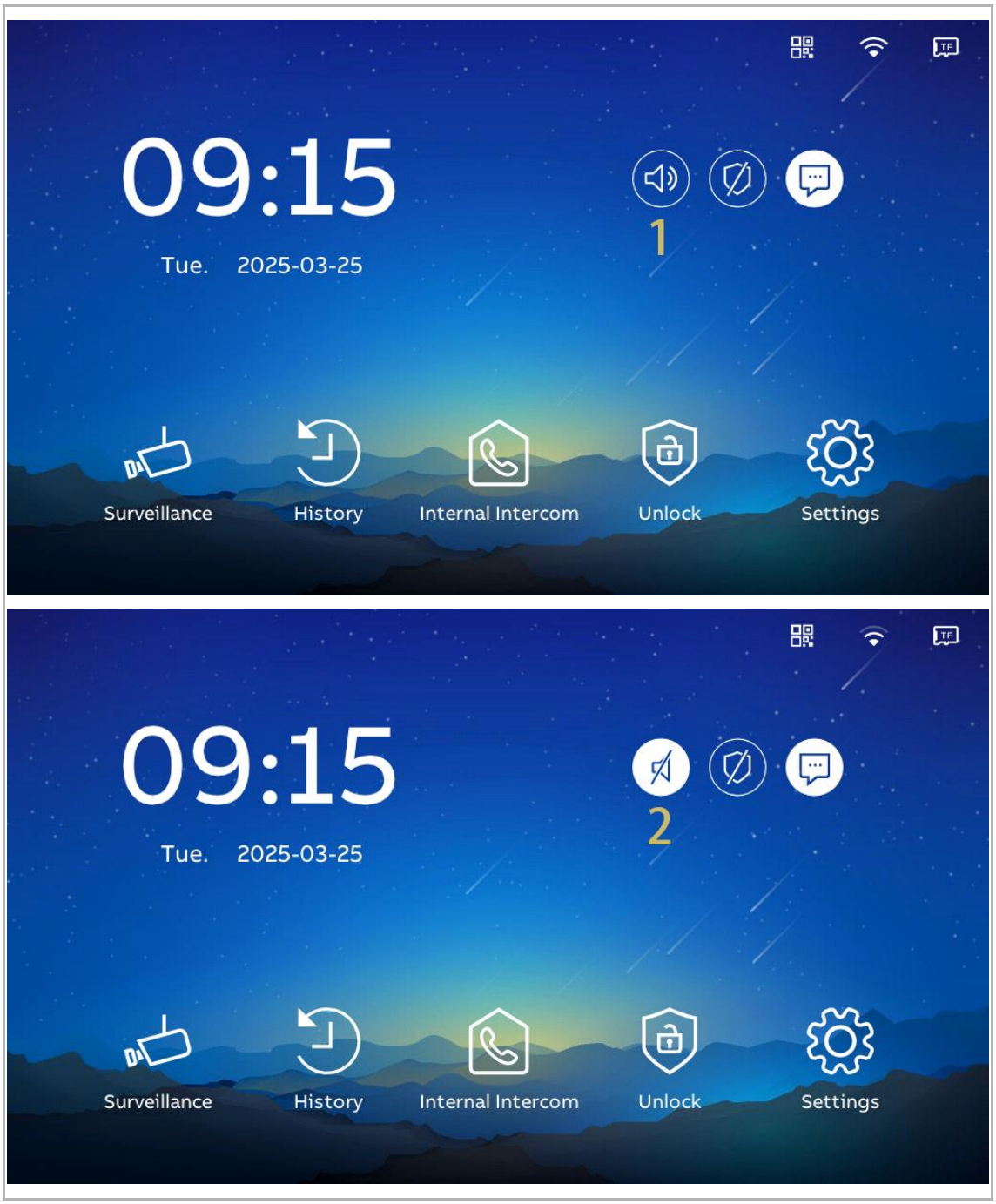
8.1.15 Mute setting

If Indoor Station enables the "Do not disturb (Mute)" function, it will not ring during an incoming call.

Please follow the steps below:

[1] On the home screen, tap " ".

[2] " " will be displayed to indicate the "Do not disturb (Mute)" function is enabled.



8.1.16 Updating the firmware

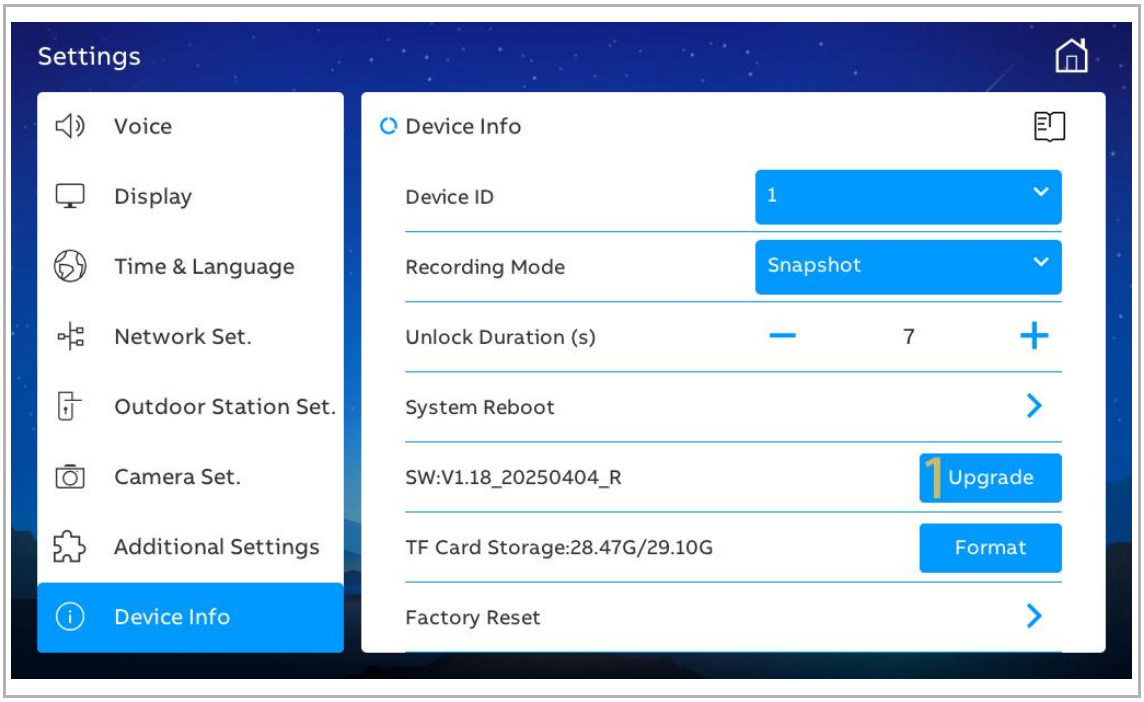
A TF card with new firmware should be inserted before update.

Please follow the steps below:

[1] On the "Device Info" screen, tap "Upgrade".

[2] Select the updating file.

[3] Tap "YES".



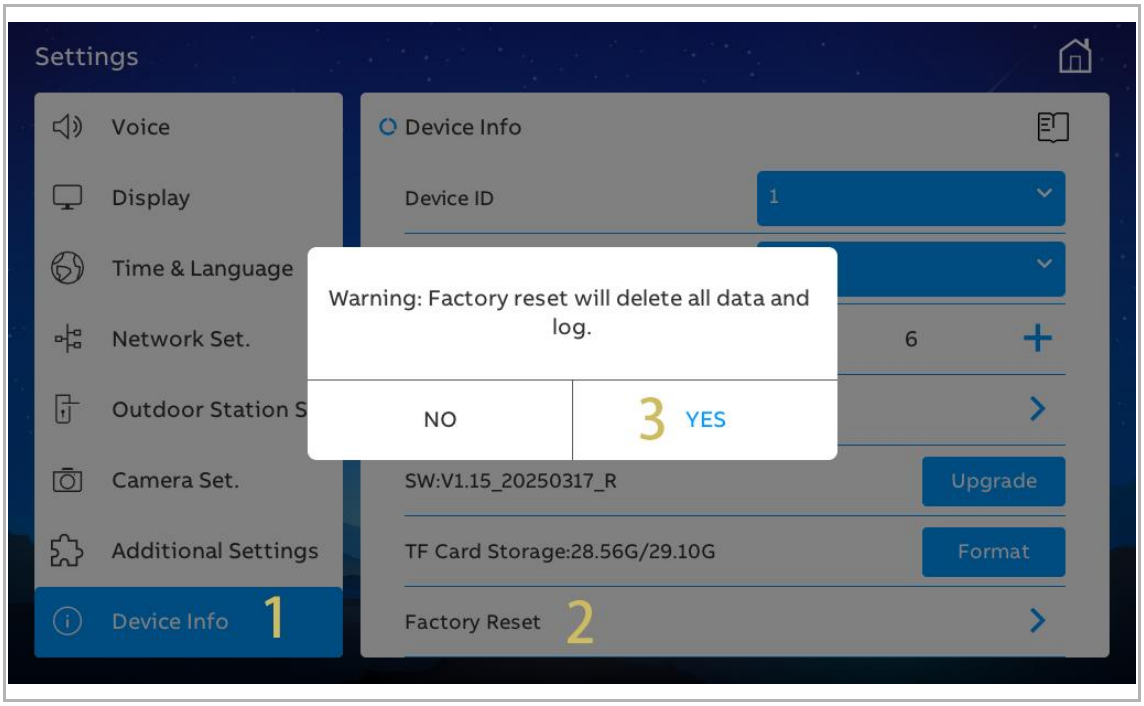
8.1.17 Restoring to default settings

Please follow the step to set the unlock time:

[1] On the "Settings" Screen, tap "Device Info" to access the corresponding screen.

[2] On the "Device Info" screen, tap "Factory Reset".

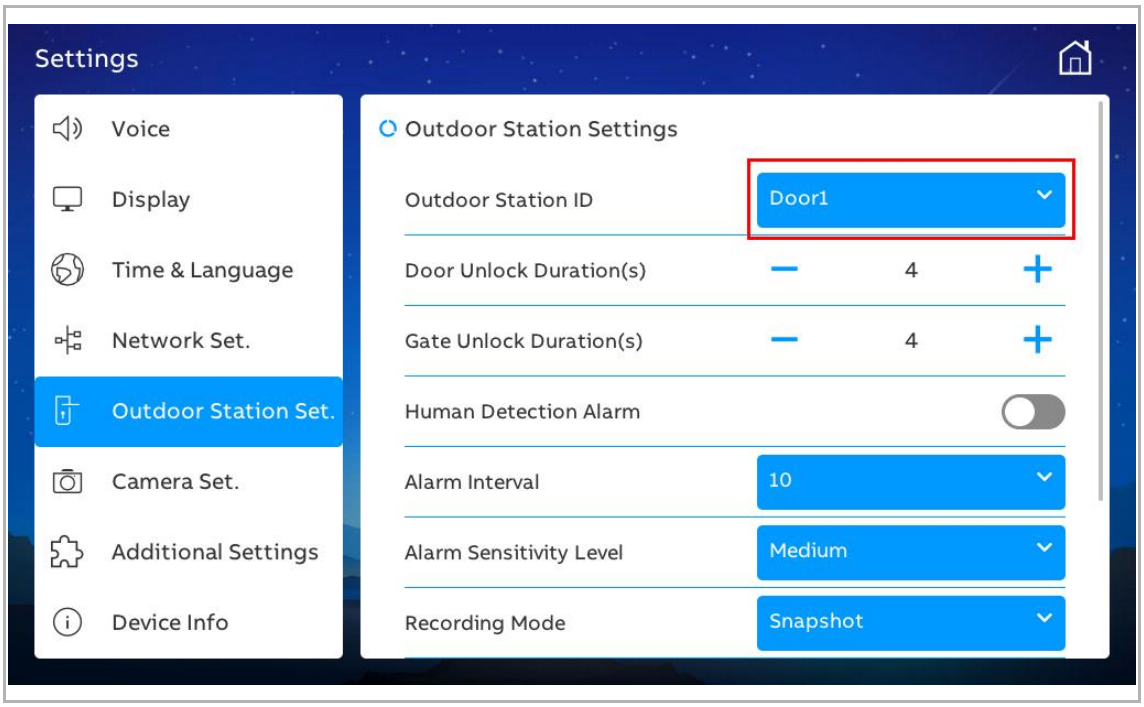
[3] Tap "YES".



8.2 Outdoor Stations

8.2.1 Address setting

On the "Door Settings" screen, select door ID ("Door1" or "Door2") from the drop-down list.

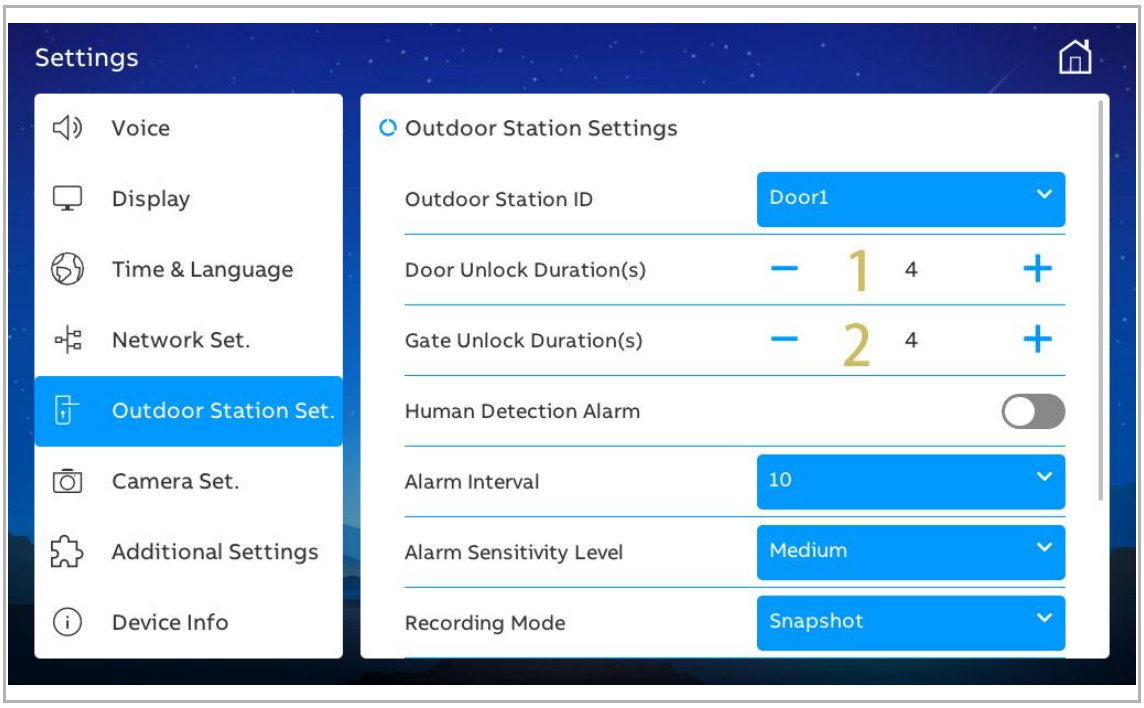


8.2.2 Unlock setting

Please follow the steps below:

[1] On the "Door Settings" screen, tap " + " or " − " to set the door unlock time ("ULK+"..."ULK-", 1...250 seconds).

[2] Tap " + " or " − " to set the gate unlock time ("COM"..."NO"/"NC", 1...250 seconds).



8.2.3 Human detection setting

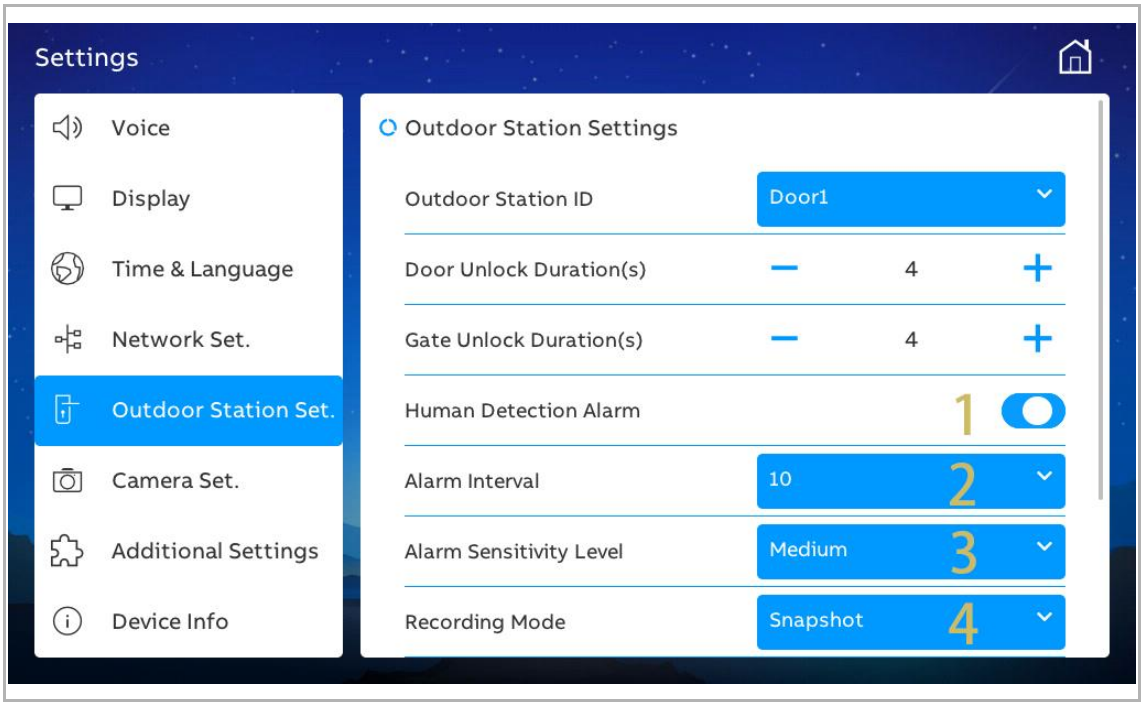
Please follow the steps below:

[1] On the "Door Settings" screen, tap " " to enable the function. If this function is enabled, Outdoor Station will capture images or record videos according to the setting, then send to Indoor Station or APP when human movement is detected at intervals. A TF card needs to be inserted when recording a video.

[2] Select Alarm Interval from the drop-down list. It can be set to "0 second", "10 seconds" (default), "30 seconds" or "60 seconds".

[3] Select Alarm Sensitivity Level from the drop-down list. It can be set to "Low", "Medium" (default) or "High". The higher the sensitivity, the more precise the detection of object movement will be, and it can be adjusted according to actual security requirements.

[4] Select Record Mode from the drop-down list. It can be set to "Video" (default) or "Image". A TF card needs to be inserted when recording a video.



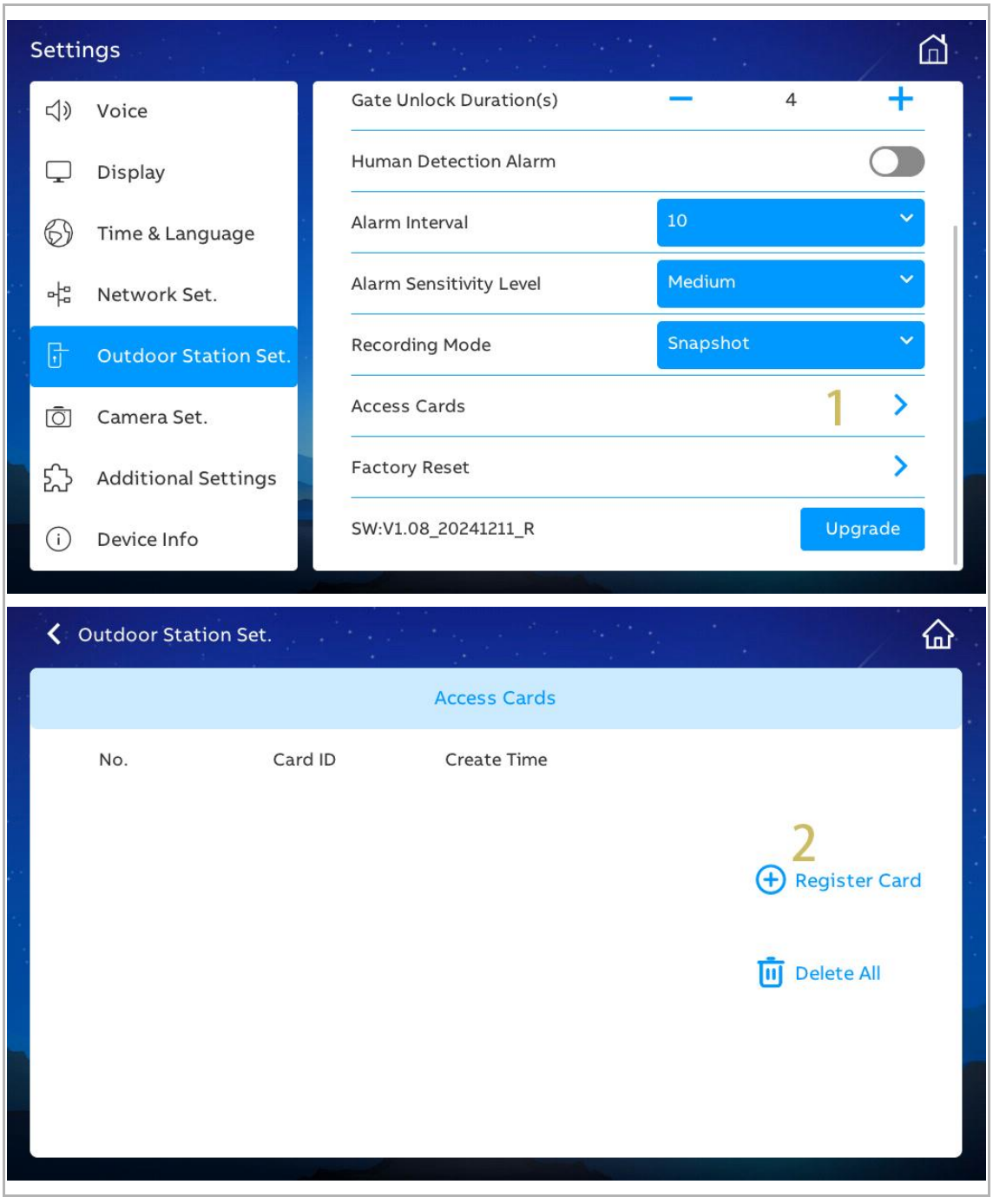
8.2.4 Card management

- A maximum of 500 IC cards can be stored by Outdoor Station. When there are more than 500 IC cards, the existing IC cards will be overwritten. For example, the n card will overwrite n-500 card (n>500).
- The frequency range of the IC card is 13.56 MHz.

Please follow the steps below:

[1] On the "Door Settings" screen, tap "Access Cards" to access the corresponding screen.

[2] Tap "Add Card".



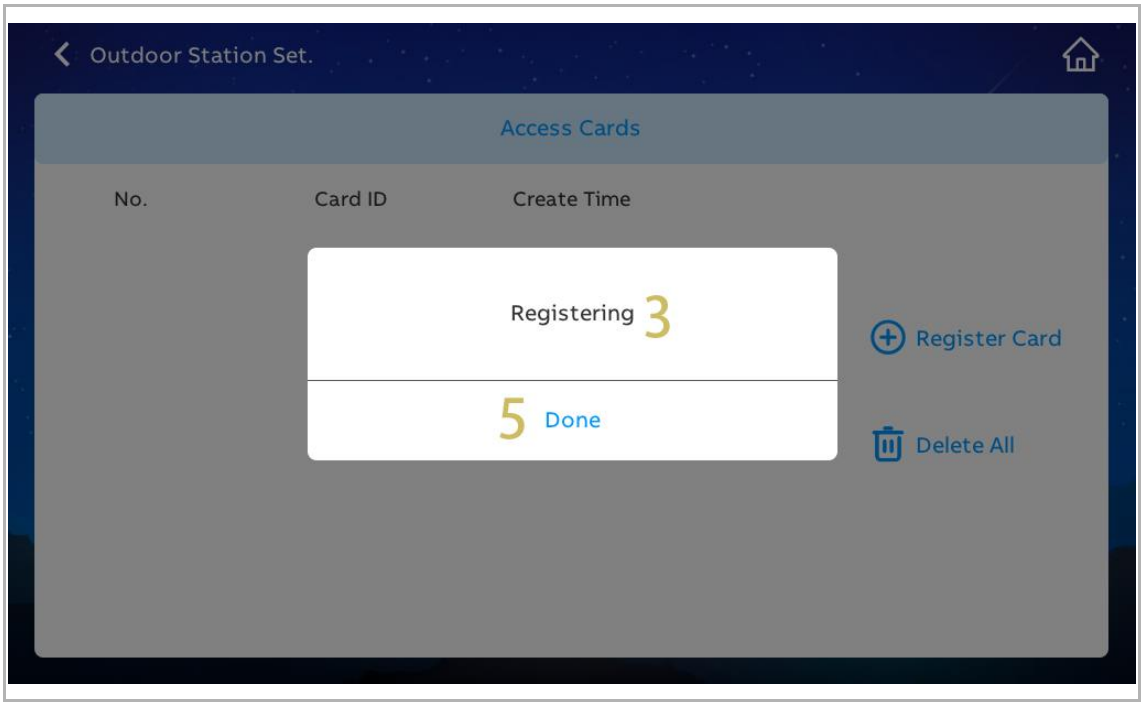
[3] "Adding cards ..." will be displayed on a pop-up window.

[4] Swiping the IC card on Outdoor Station one by one, it sounds "di" for success and "didi" for failure.

[5] Tap "Done" to complete the progress.

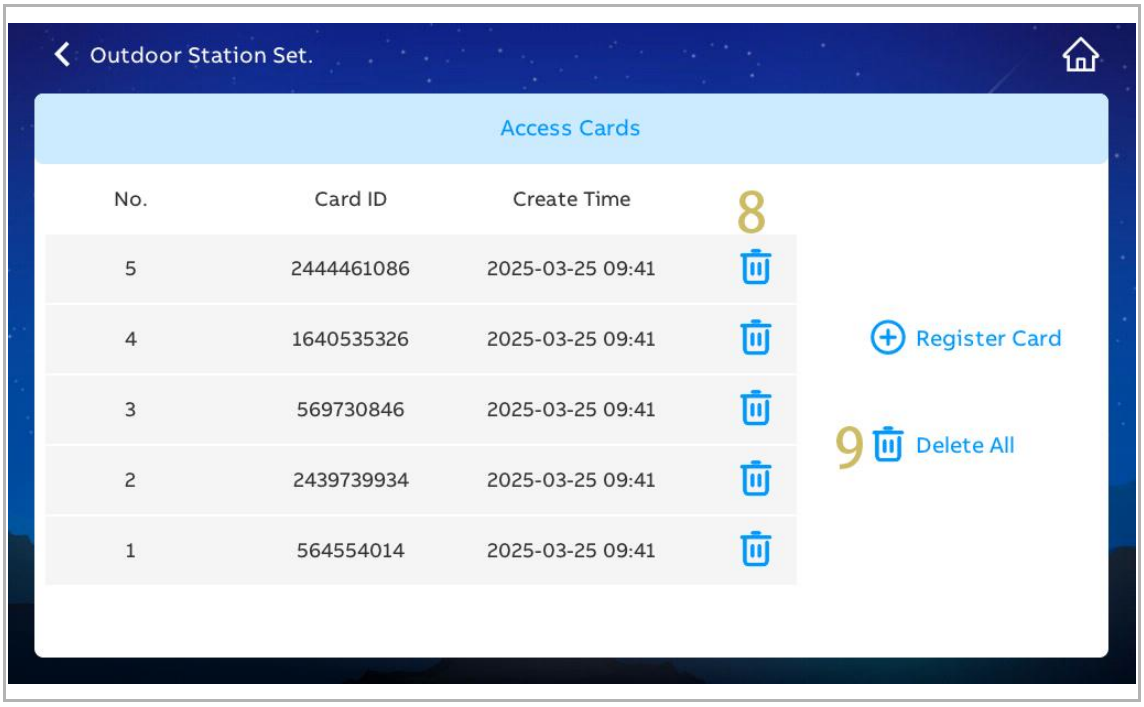
[6] Registered cards will be displayed on the screen.

[7] Tap "YES".



[8] Tap " " to remove an IC card.

[9] Tap "Delete All" to remove all existing IC cards.



8.2.5 Updating the firmware

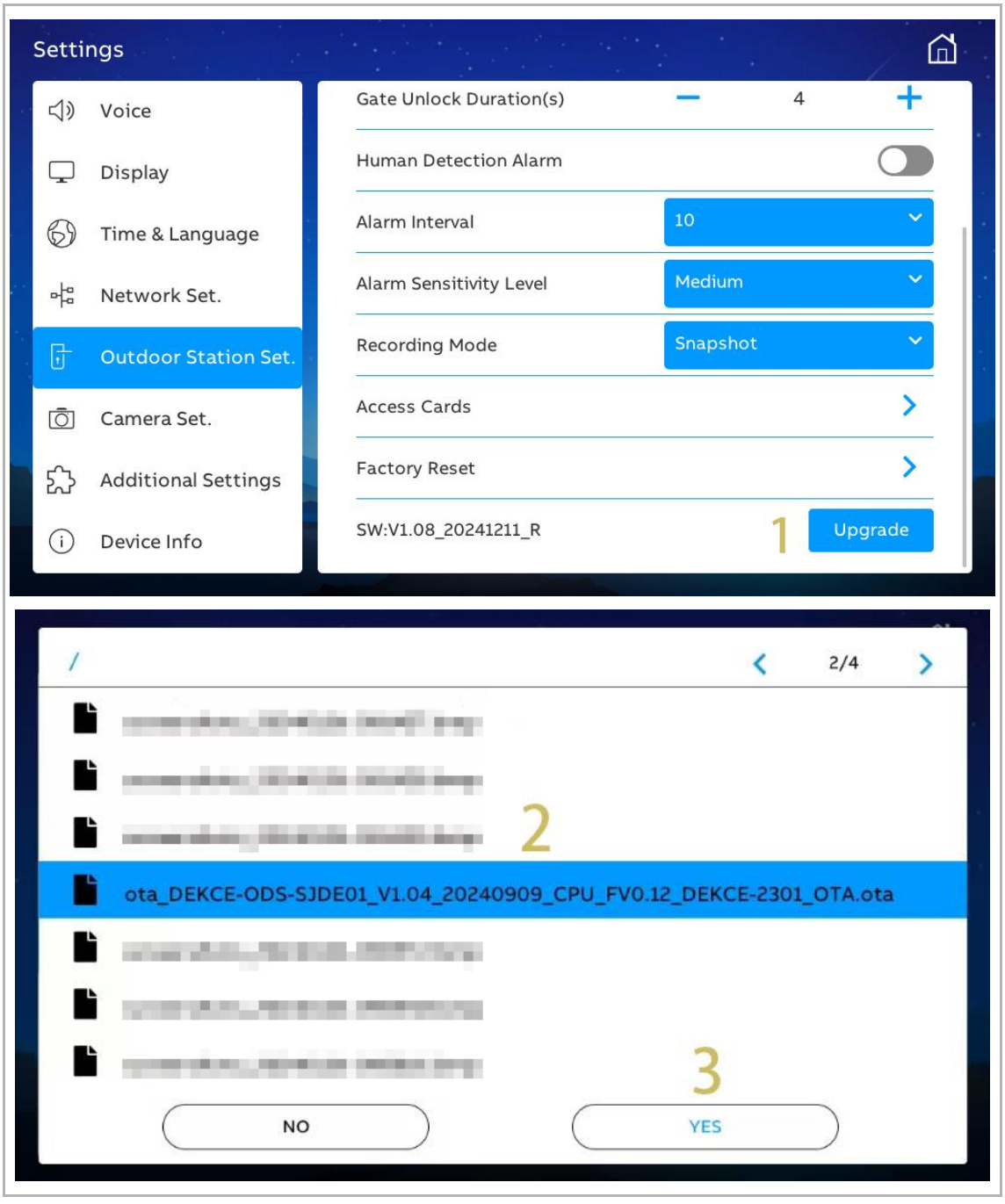
A TF card with new firmware should be inserted before update.

Please follow the steps below:

[1] On the "Door Settings" screen, tap "Upgrade".

[2] Select the updating file.

[3] Tap "YES".

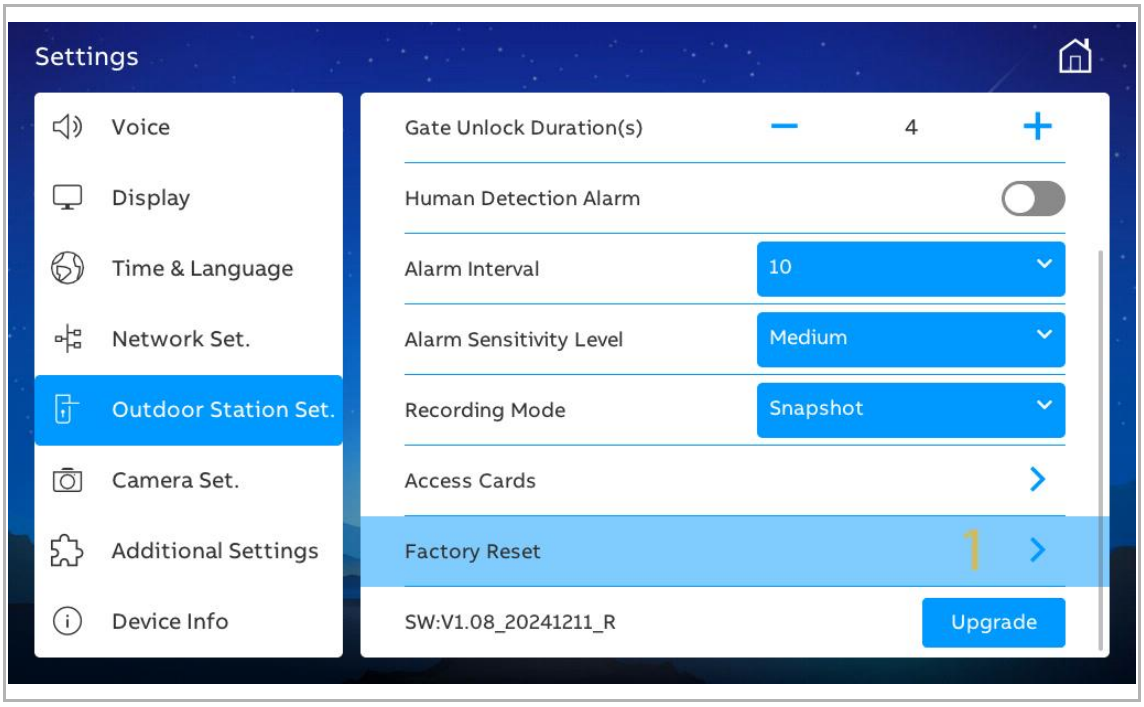


8.2.6 Restoring to default settings

Please follow the steps below:

[1] On the "Door Settings" screen, tap "Factory Reset".

[2] Tap "YES".



8.3 App settings

8.3.1 Downloading APP

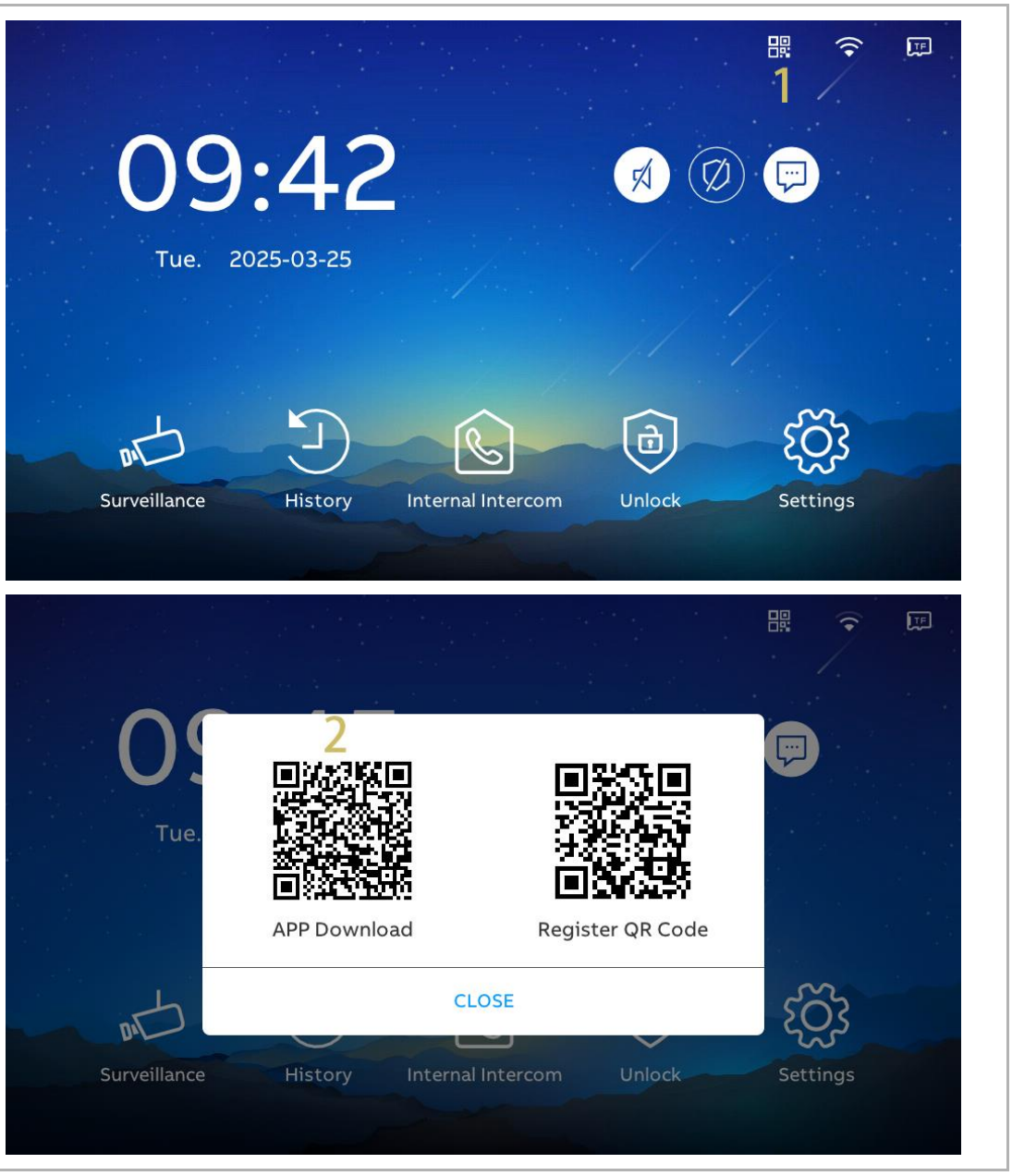
Method 1: Download the App in Google Play or iOS App Store using the keyword "Smart Life".

Method 2: Scan the QR code on Indoor Station 1

Please follow the steps below:

[1] On the home screen, tap " ".

[2] Scan the QR code using your mobile phone.



8.3.2 Pairing APP with an Indoor Station

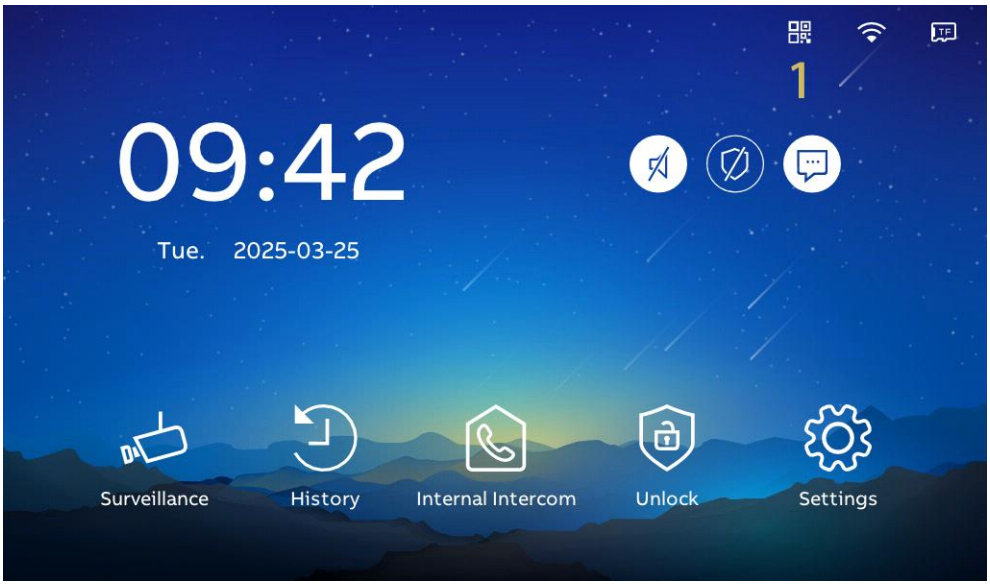
Scenario 1: Pairing Indoor Station via scanning the QR code

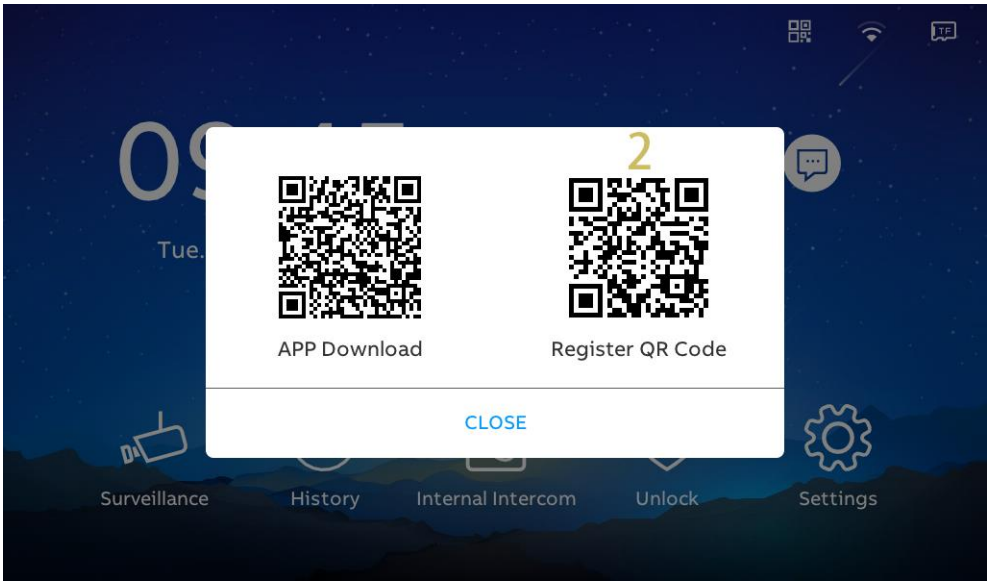
In this case, please ensure Indoor Station and APP can connect to internet and they can be in different network.

Please follow the steps below:

[1] On the home screen, tap " ".

[2] Binding QR code will be displayed on a pop-up window. Keep the current window and don't tap "CLOSE".





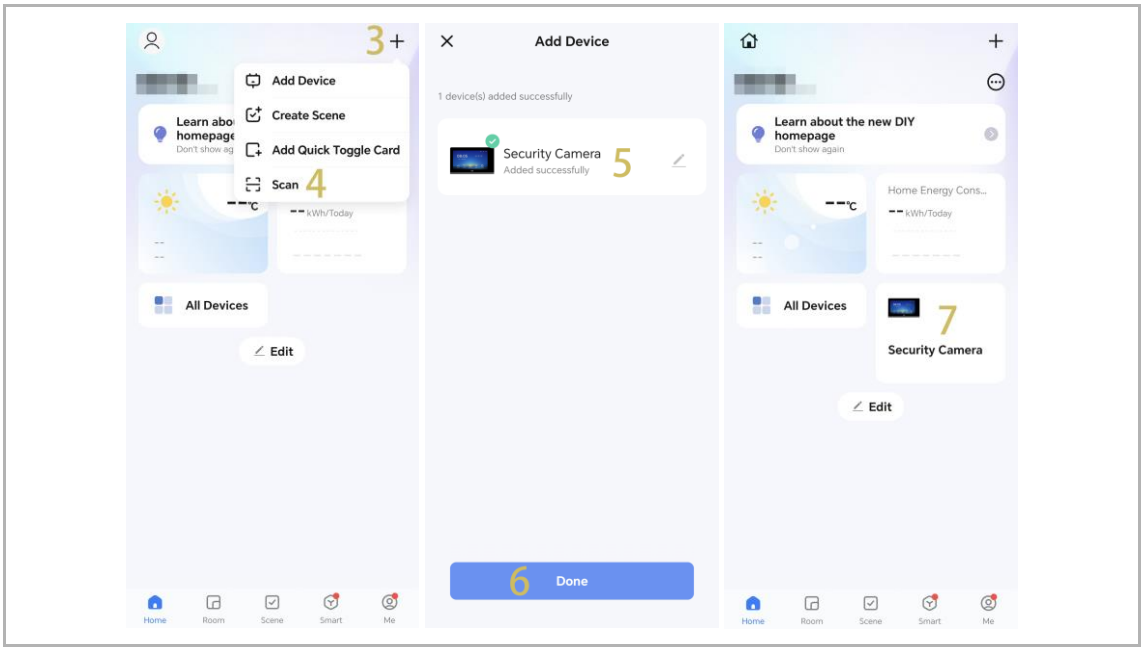
[3] On the home screen of APP, tap "+".

[4] Tap "Scan". Then scan the binding QR code on the Indoor Station to start pairing.

[5] After a while, an Indoor Station will be displayed if pairing successfully. You can rename the Indoor Station.

[6] Tap "Done".

[7] The Indoor Station will be displayed on the home screen of APP.



Scenario 2: Pairing Indoor Station via auto search

In this case, please ensure Indoor Station and APP can connect to internet and they are in the same network.

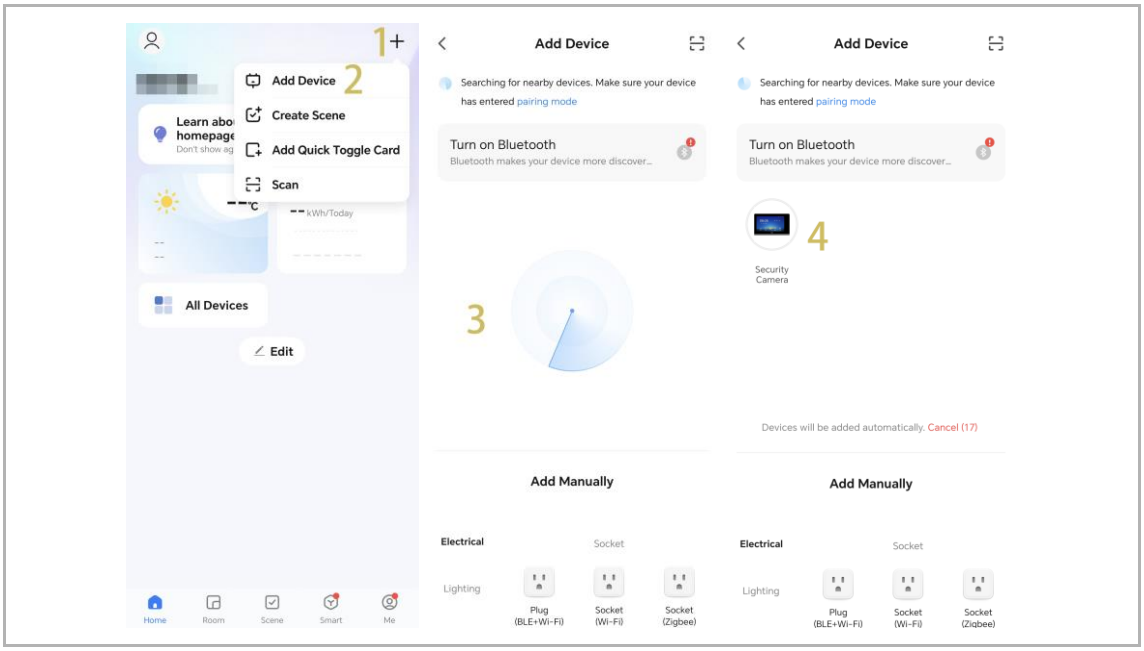
Please follow the steps below:

[1] On the home screen of APP, tap "+".

[2] Tap "Add Device".

[3] APP starts searching the Indoor Stations in the same network.

[4] The result will be displayed on the screen. Tap the Indoor Station.

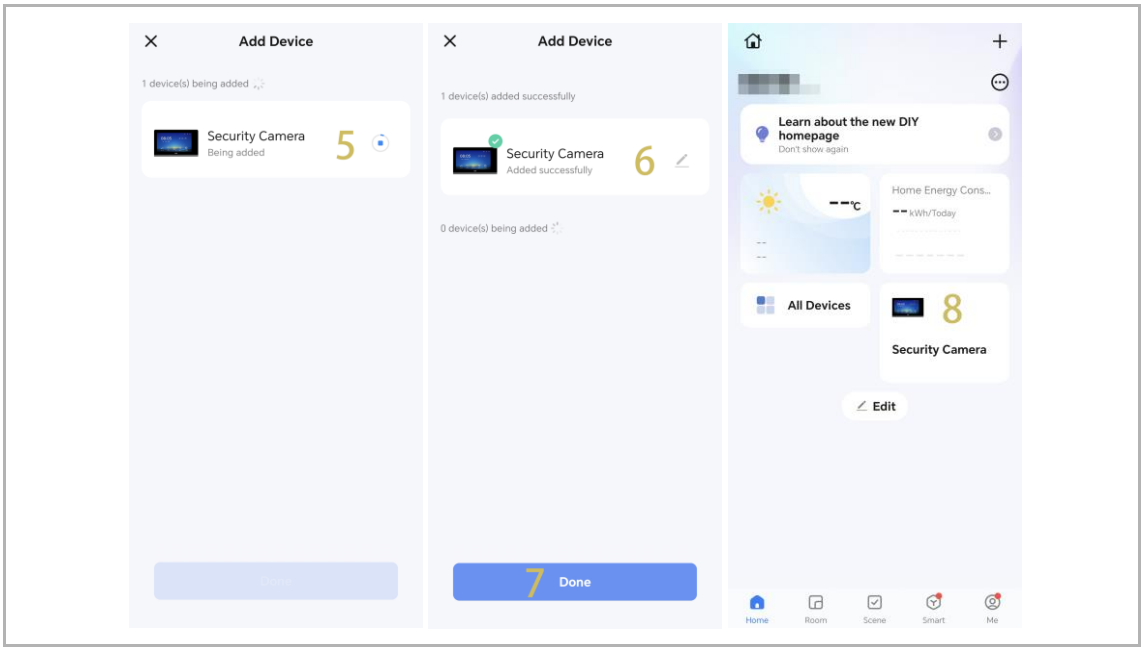


[5] APP starts pairing the Indoor Station.

[6] After a while, an Indoor Station will be displayed if pairing successfully. You can rename the Indoor Station.

[7] Tap "Done".

[8] The Indoor Station will be displayed on the home screen of APP.



8.3.3 Unpairing APP with an Indoor Station

Removing the device on the APP

Please follow the steps below:

[1] On the home screen of the APP, tap the designated Indoor Station.

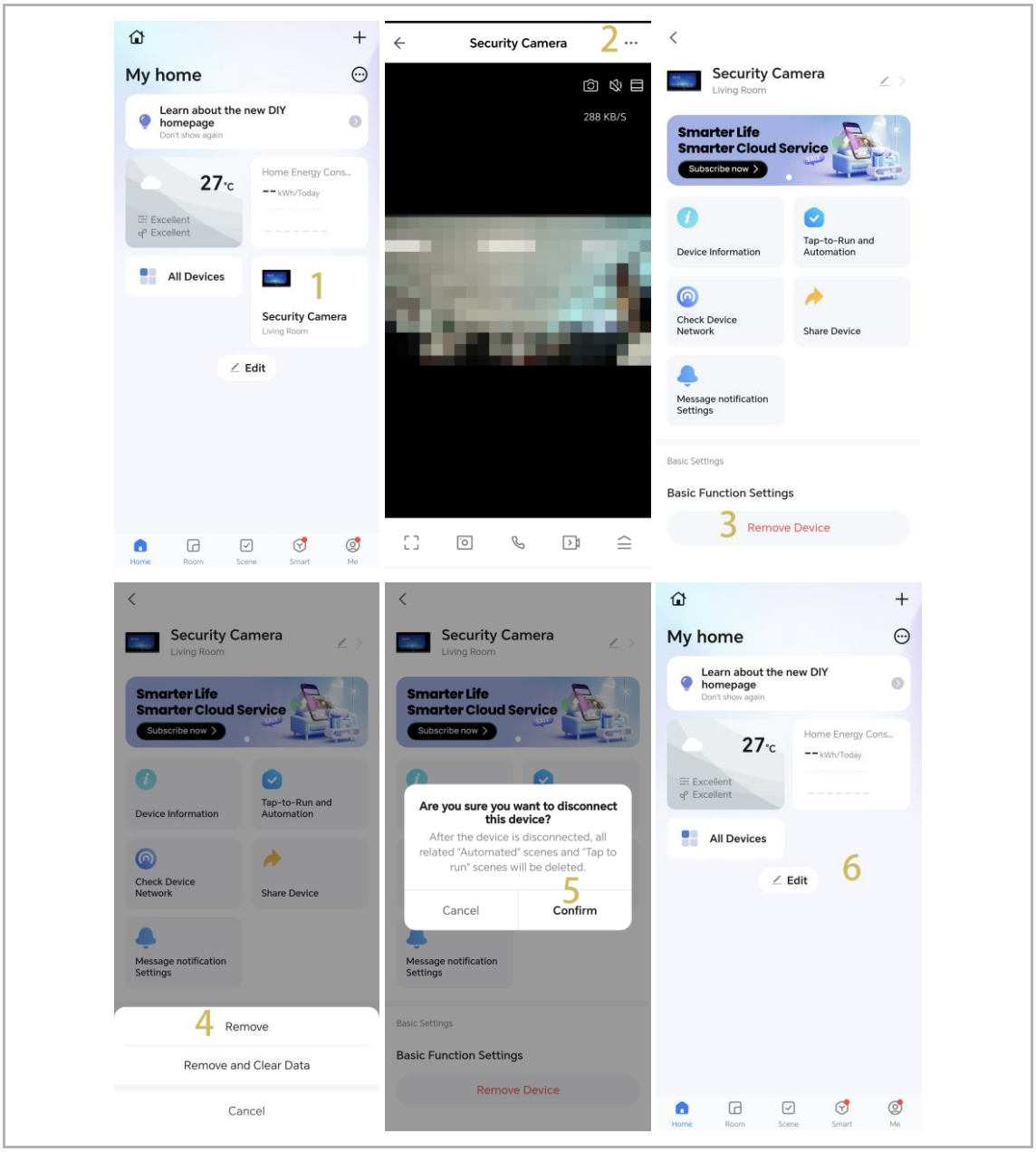
[2] Tap "…".

[3] Tap "Remove Device".

[4] Tap "Remove".

[5] Tap "Confirm".

[6] The designated Indoor Station has been removed from the APP and Indoor Station will reboot.

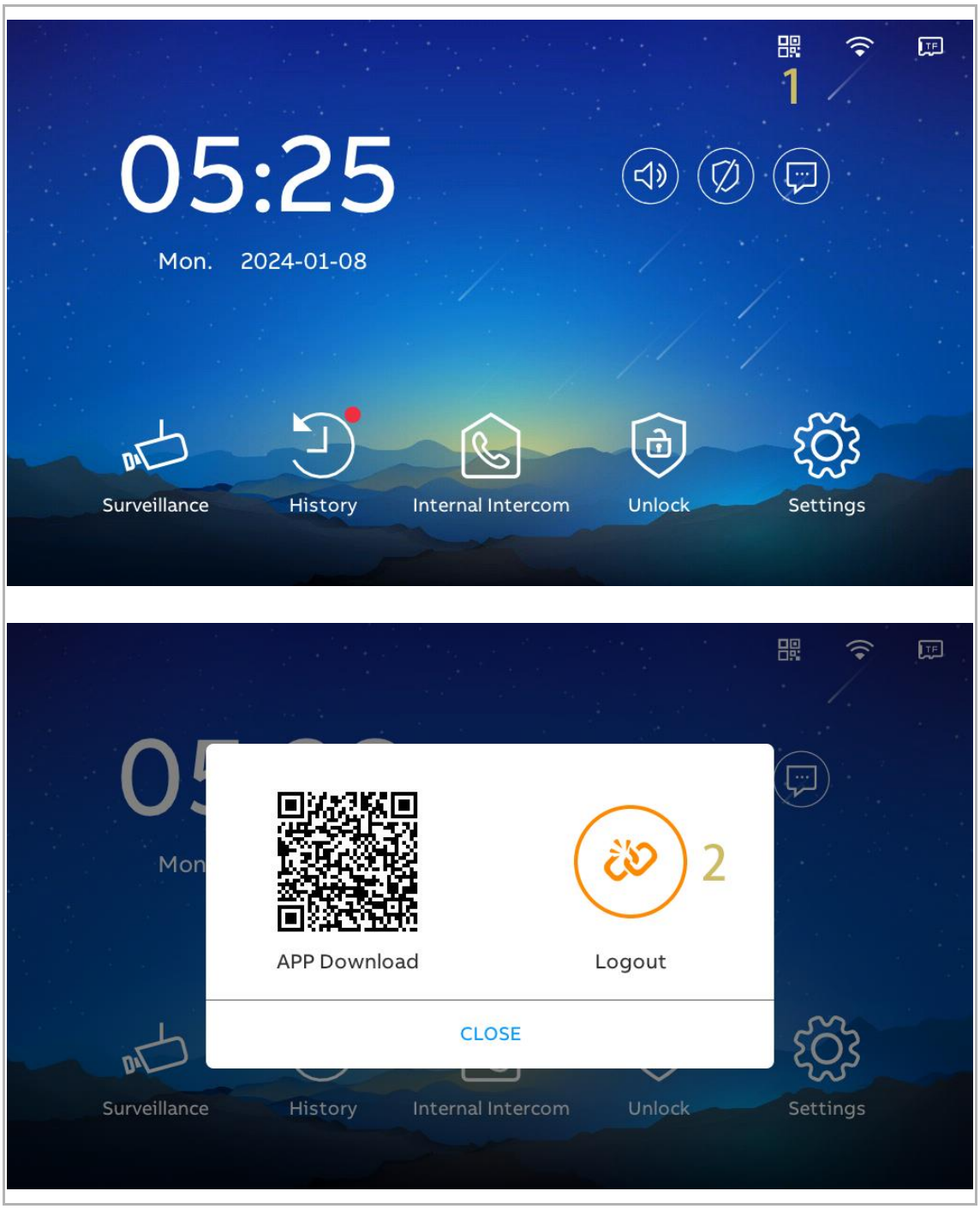


Disconnecting the APP on Indoor Station

Please follow the steps below:

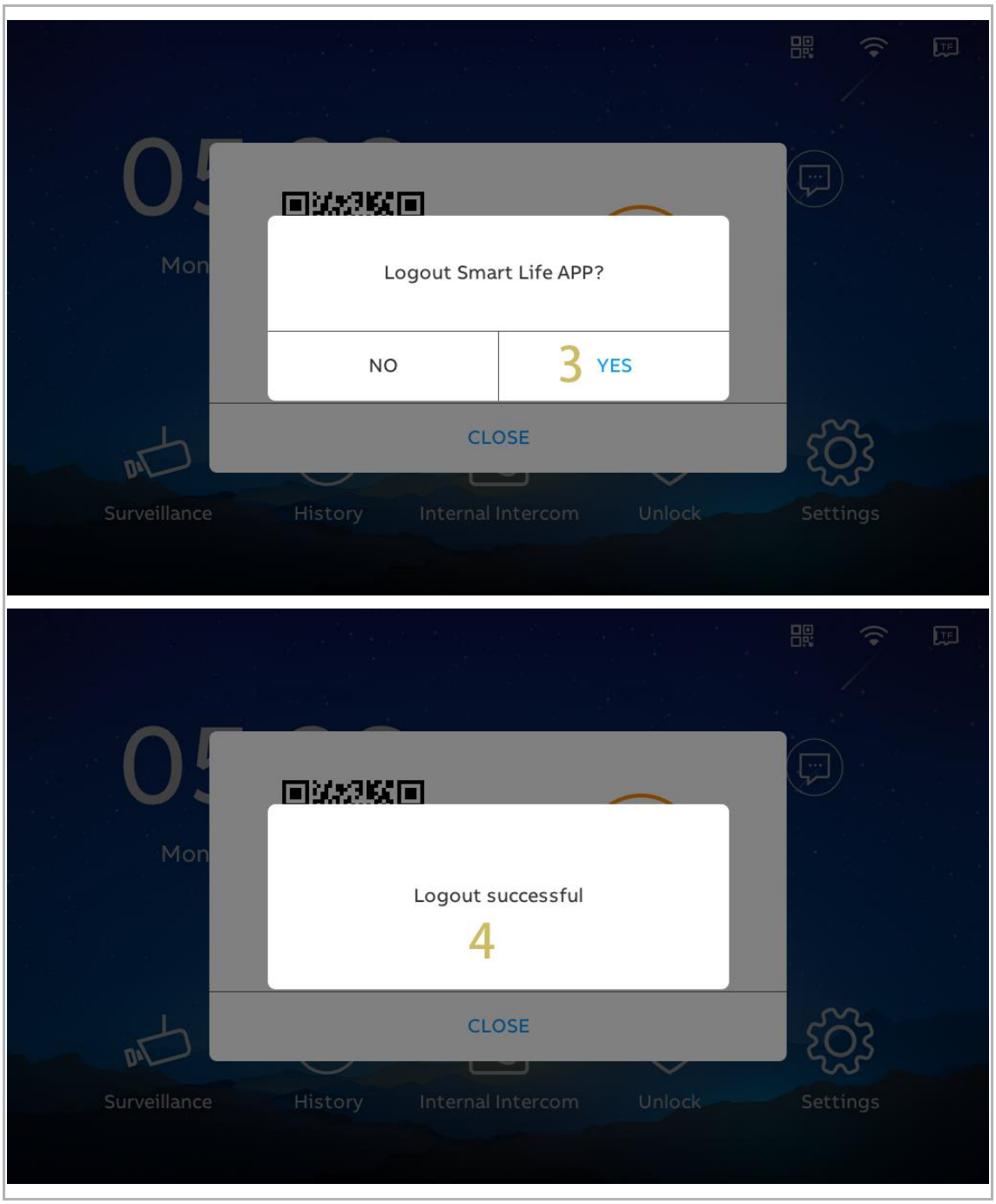
[1] On the home screen of Indoor Station, tap " ".

[2] Tap "Logout.



[3] Tap "YES".

[4] "Logout successful" will be displayed and Indoor Station will reboot.

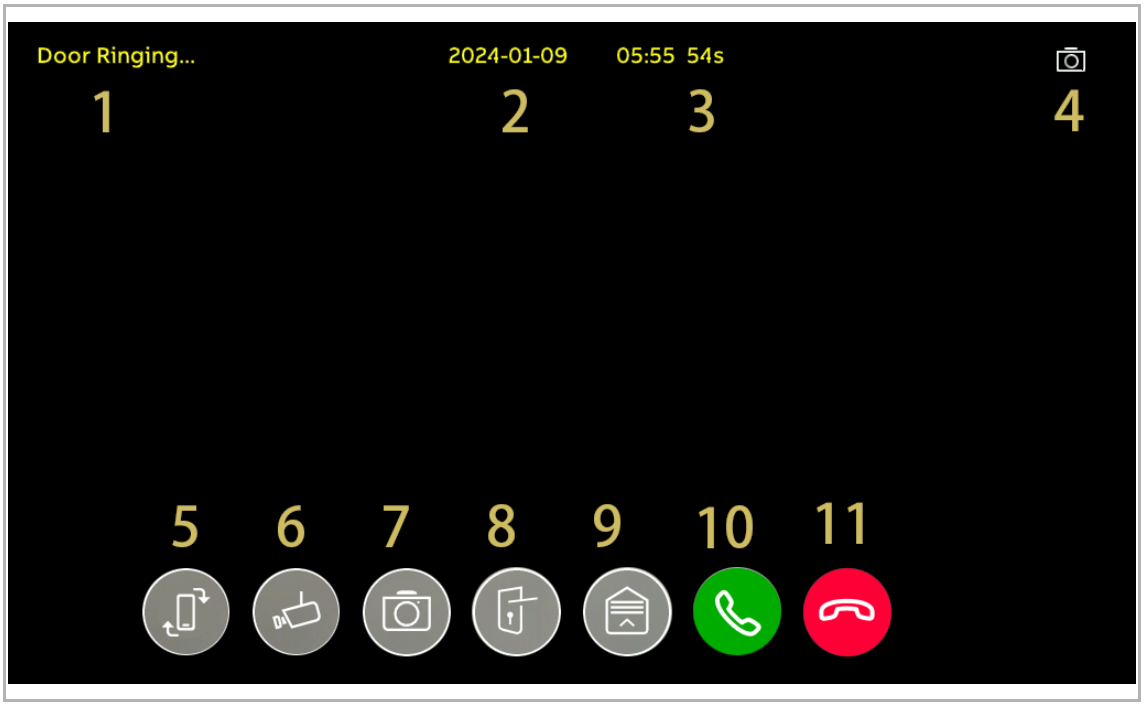


9 Operation

9.1 Intercom

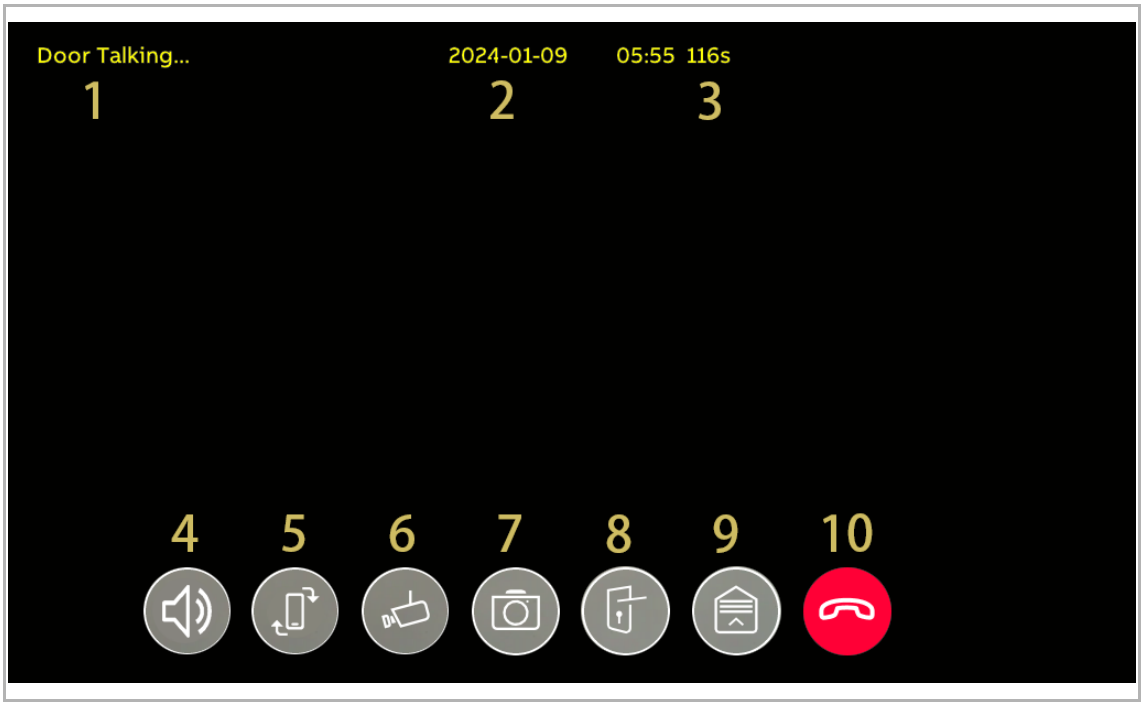
9.1.1 Incoming call

1. During an incoming call



No.	Description
1	"Door Ringing" indicates an incoming call (maximum 60 seconds)
2	Display the date and time.
3	Display the rest time of the incoming call.
4	If the record mode is set to "Picture", "  " will be displayed in the 5th second of the incoming call and a snapshot will be taken automatically. If the record mode is set to "Video", "  " will be displayed at the beginning of the incoming call and a 15-second video will be recorded.
5	Tap the icon to switch the surveillance camera.
6	Tap the icon to record a video manually (a TF card should be inserted before use)
7	Tap the icon to take a snapshot manually.
8	Tap the icon to release the power lock (ULK+…ULK-) of the Outdoor Station.
9	Tap the icon to release the signal lock (NC…COM…NO) of the Outdoor Station.
10	Tap the icon to accept the call.
11	Tap the icon to reject the call.

2. During Communication



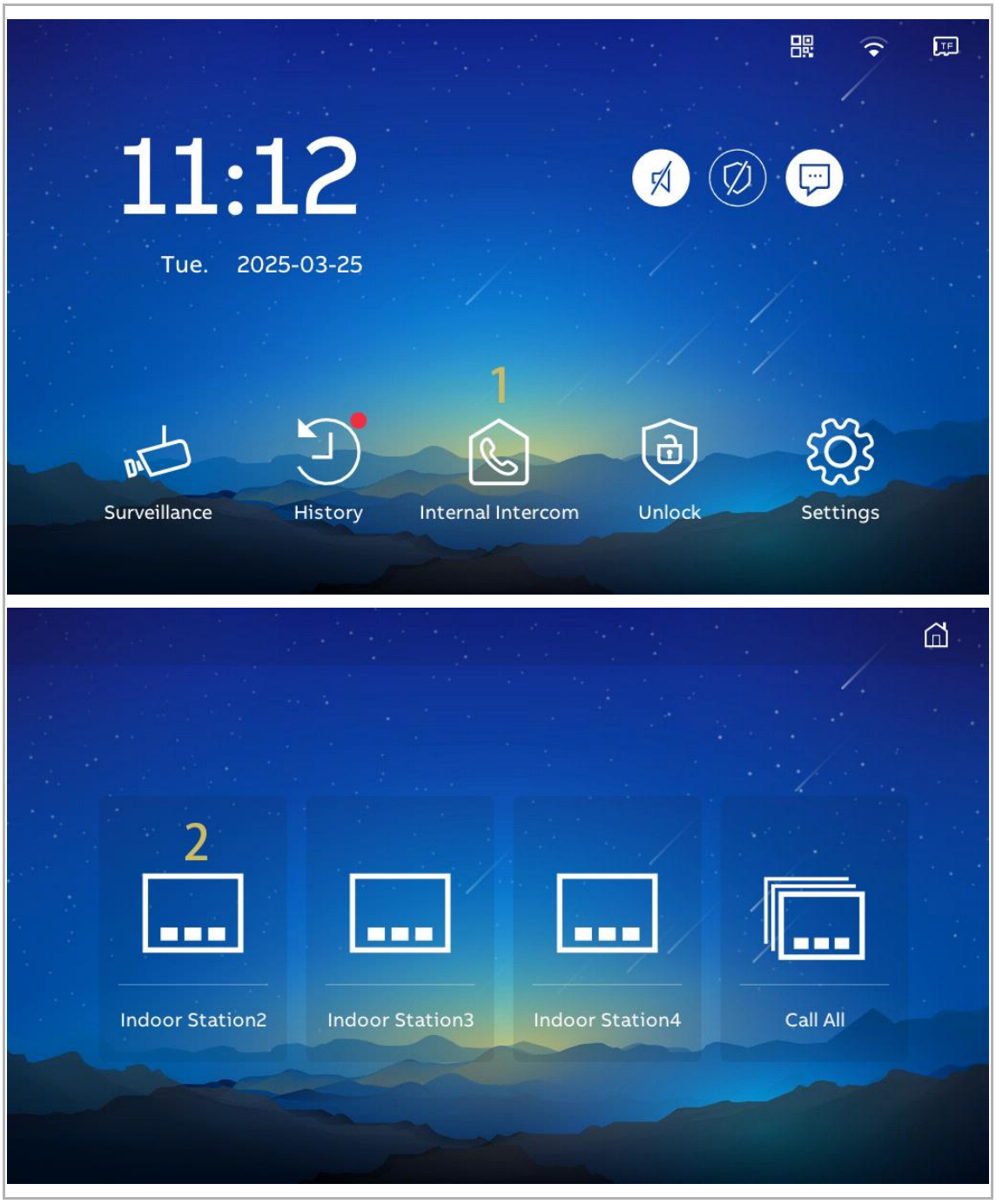
No.	Description
1	"Door Talking" indicates a communication (maximum 120 seconds)
2	Display the date and time.
3	Display the rest time of the communication.
4	Tap the icon to adjust the volume of the voice.
5	Tap the icon to switch the surveillance camera.
6	Tap the icon to record a video manually (a TF card should be inserted before use)
7	Tap the icon to take a snapshot manually.
8	Tap the icon to release the power lock (ULK+…ULK-) of the Outdoor Station.
9	Tap the icon to release the signal lock (NC…COM…NO) of the Outdoor Station.
10	Tap the icon to end the call.

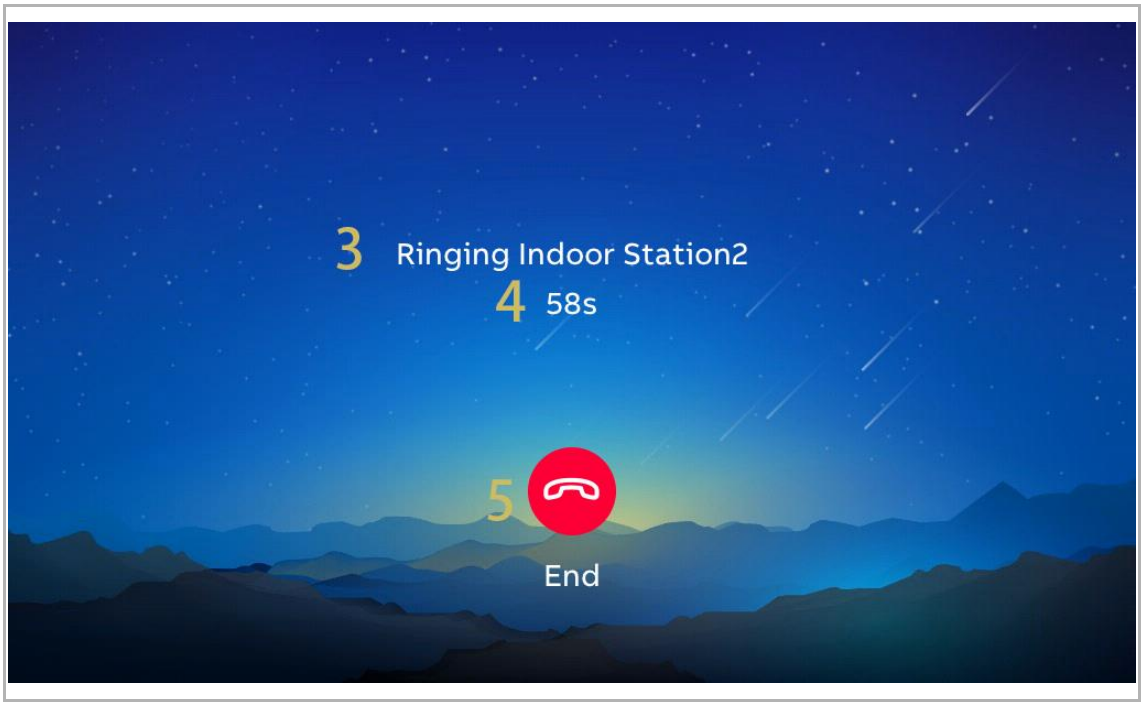
9.1.2 Room call

Please follow the steps below:

[1] On the home screen, tap "Internal Intercom".

[2] Tap the designated Indoor Station.





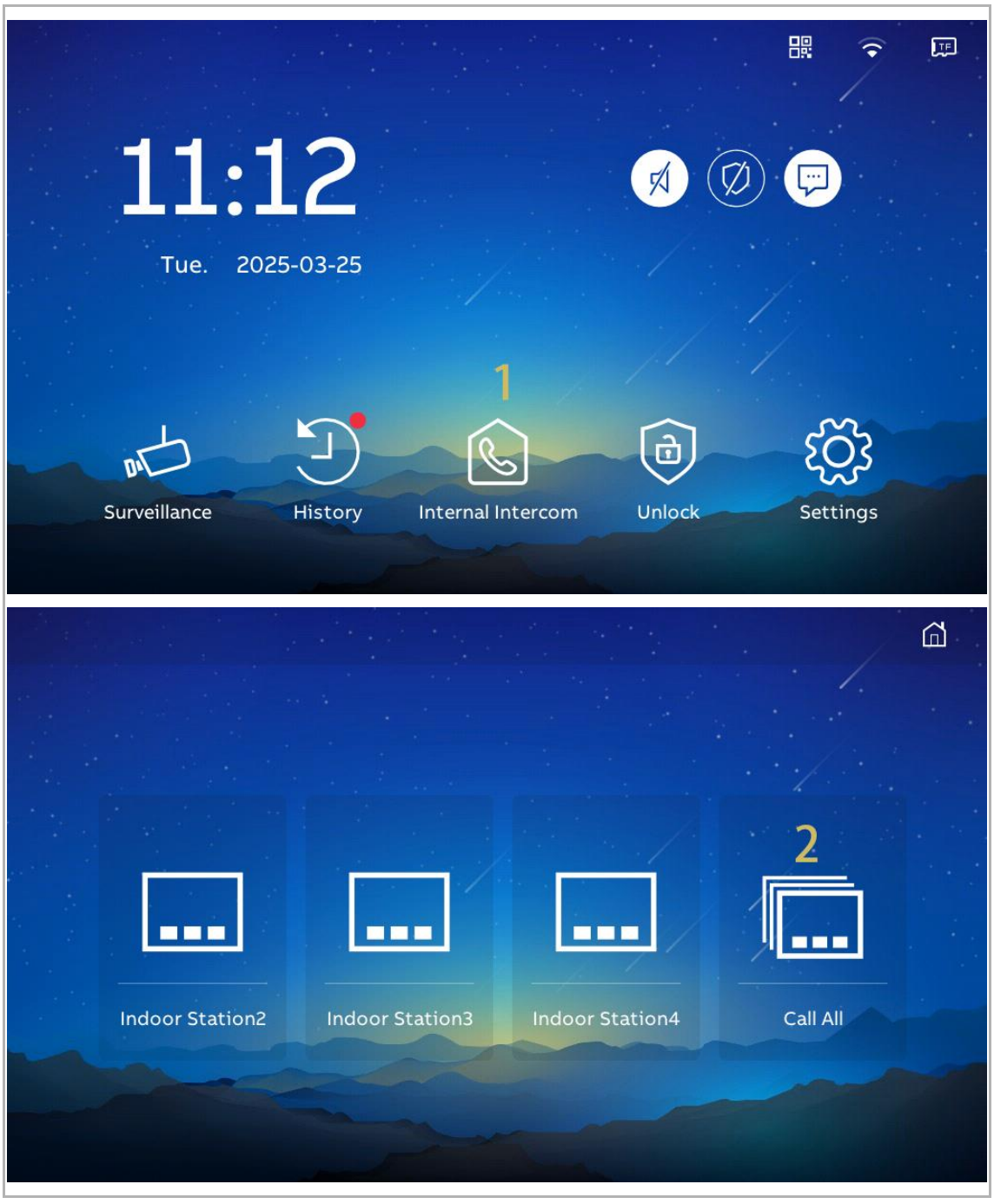
No.	Description
3	Display the name of the called Indoor Station
4	Display the rest time of the ringing (maximum 60 seconds).
5	Tap the icon to end the call.

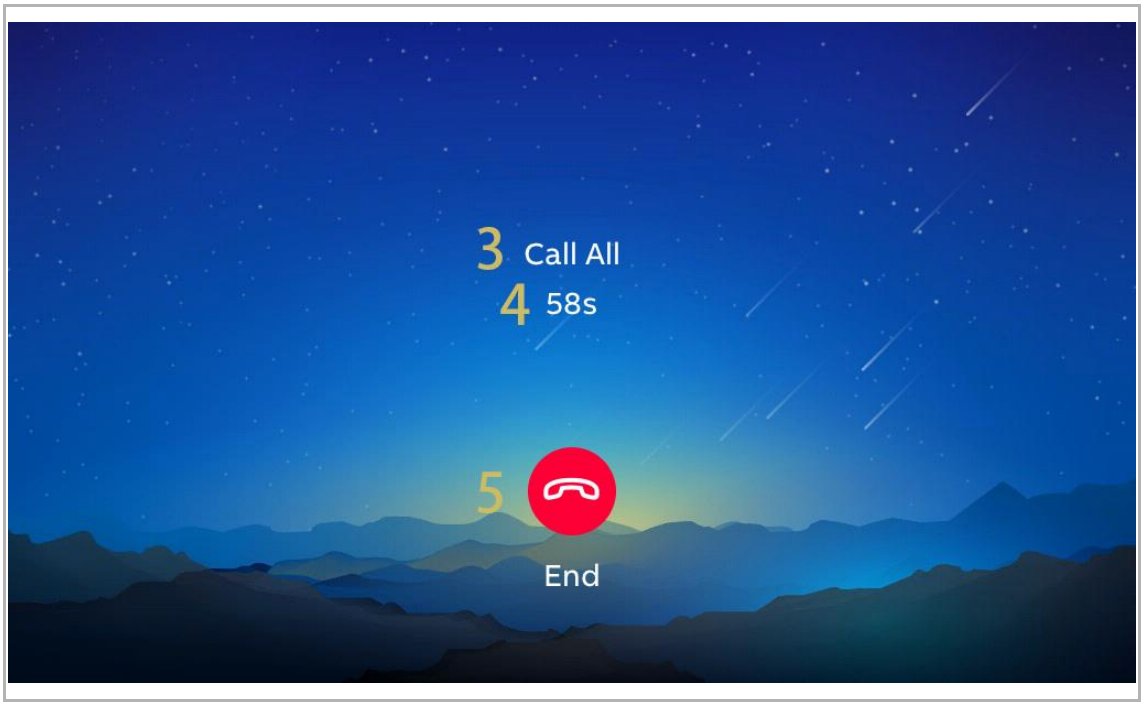
9.1.3 Group call

Please follow the steps below:

[1] On the home screen, tap "Indoor Call".

[2] Tap "Call All".





No.	Description
3	Display "Call All".
4	Display the rest time of the ringing (maximum 60 seconds).
5	Tap the icon to end the call.

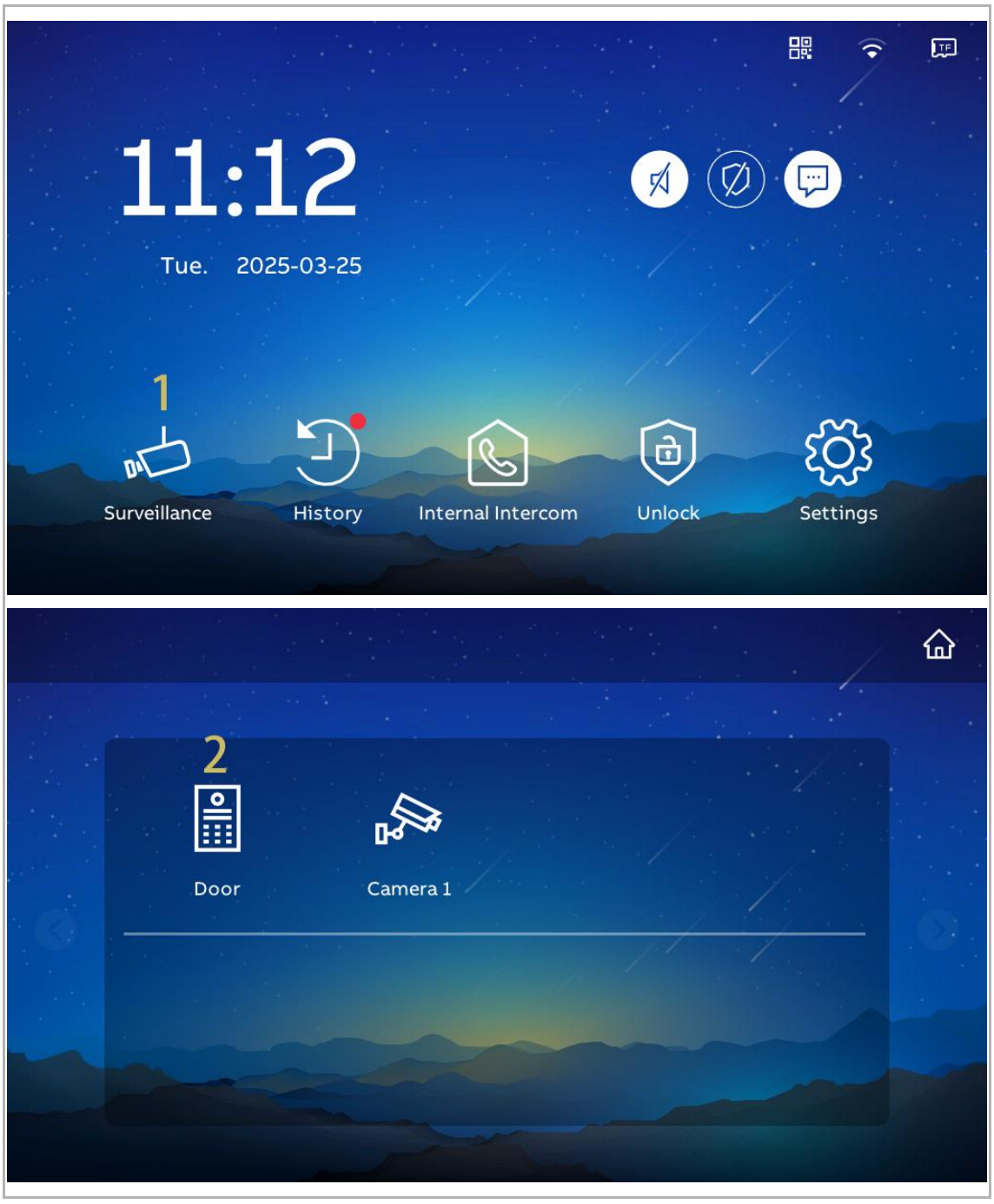
9.2 Monitor

9.2.1 Monitoring Outdoor Stations

Please follow the steps below:

[1] On the home screen, tap "Surveillance".

[2] Tap the designated Outdoor Station.





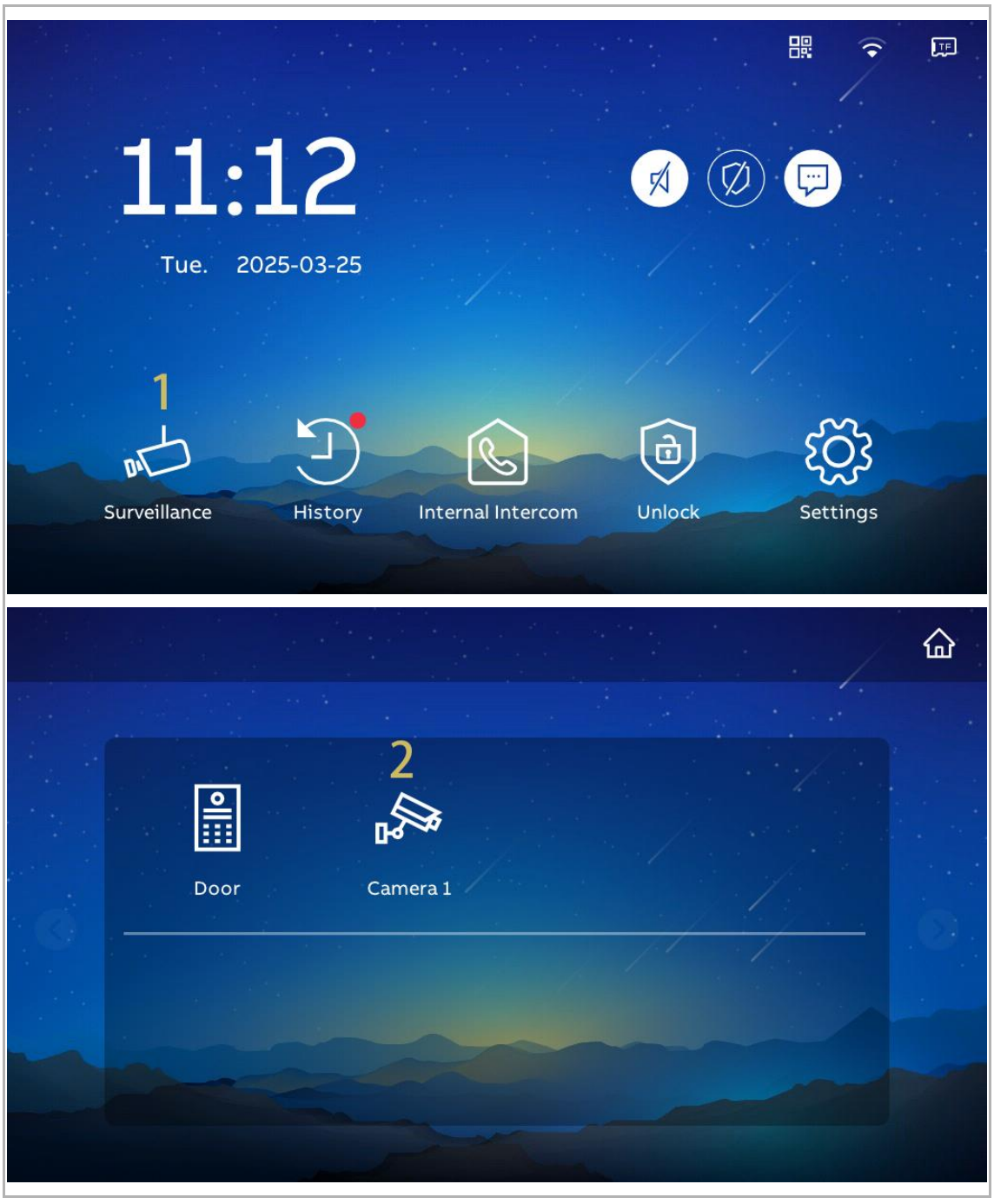
No.	Description
3	Display the name of the monitored Outdoor Station.
4	Display the date and time.
5	Display the rest time of the surveillance (maximum 60 seconds).
6	Tap the icon to switch the surveillance camera.
7	Tap the icon to record a video manually (a TF card should be inserted before use)
8	Tap the icon to take a snapshot manually.
9	Tap the icon to release the power lock (ULK+…ULK-) of the Outdoor Station.
10	Tap the icon to release the signal lock (NC…COM…NO) of the Outdoor Station.
11	Tap the icon to initiate a communication with the monitored Outdoor Station.
12	Tap the icon to end the surveillance.

9.2.2 Monitoring IP cameras

Please follow the steps below:

[1] On the home screen, tap "Monitor".

[2] Tap the designated camera.





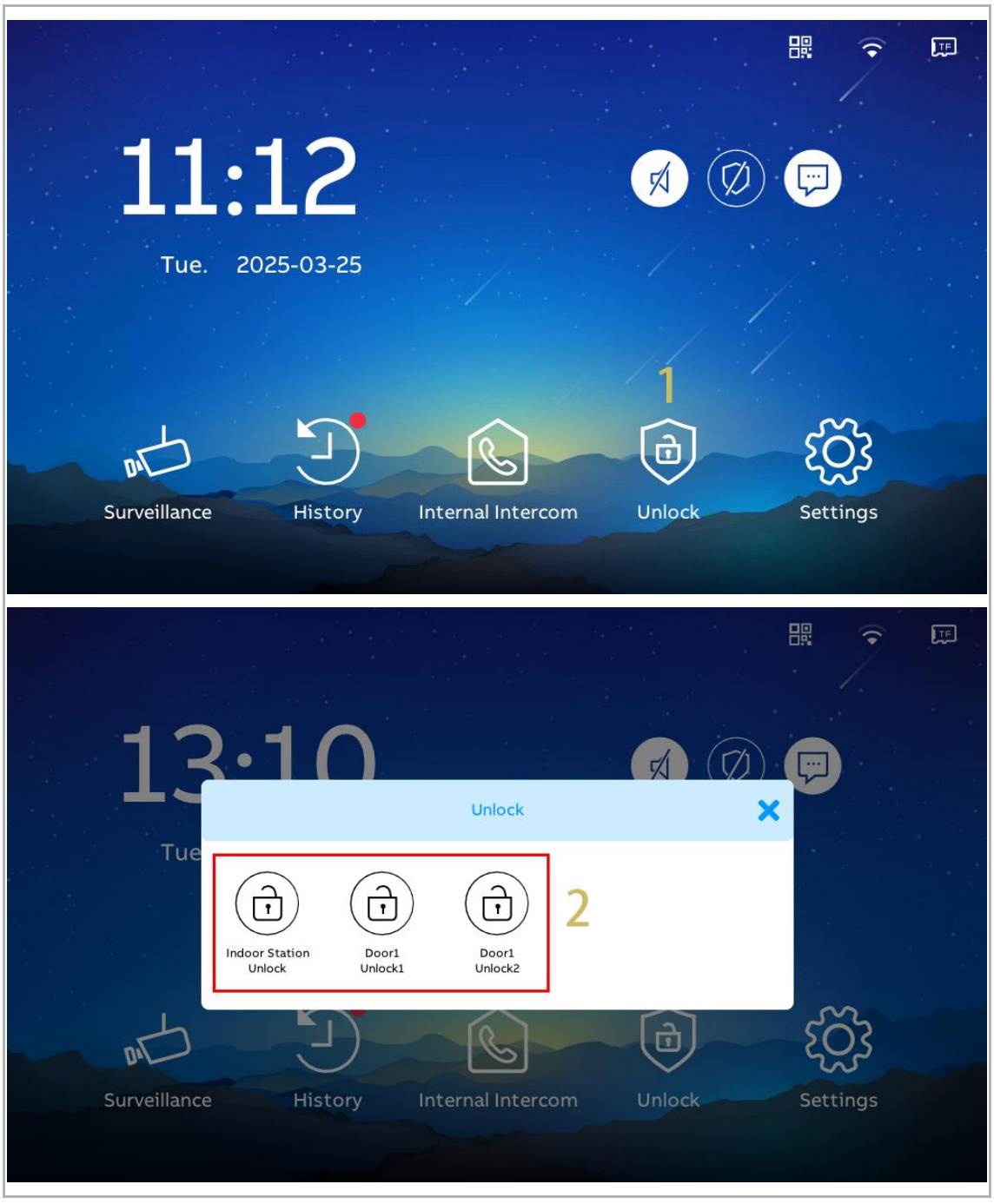
No.	Description
3	Display the name of the monitored camera.
4	Display the date and time.
5	Display the rest time of the surveillance (maximum 60 seconds).
6	Tap the icon to switch the surveillance camera.
7	Tap the icon to record a video manually (a TF card should be inserted before use)
8	Tap the icon to take a snapshot manually.
9	Tap the icon to end the surveillance.

9.3 Standby unlock

Please follow the steps below:

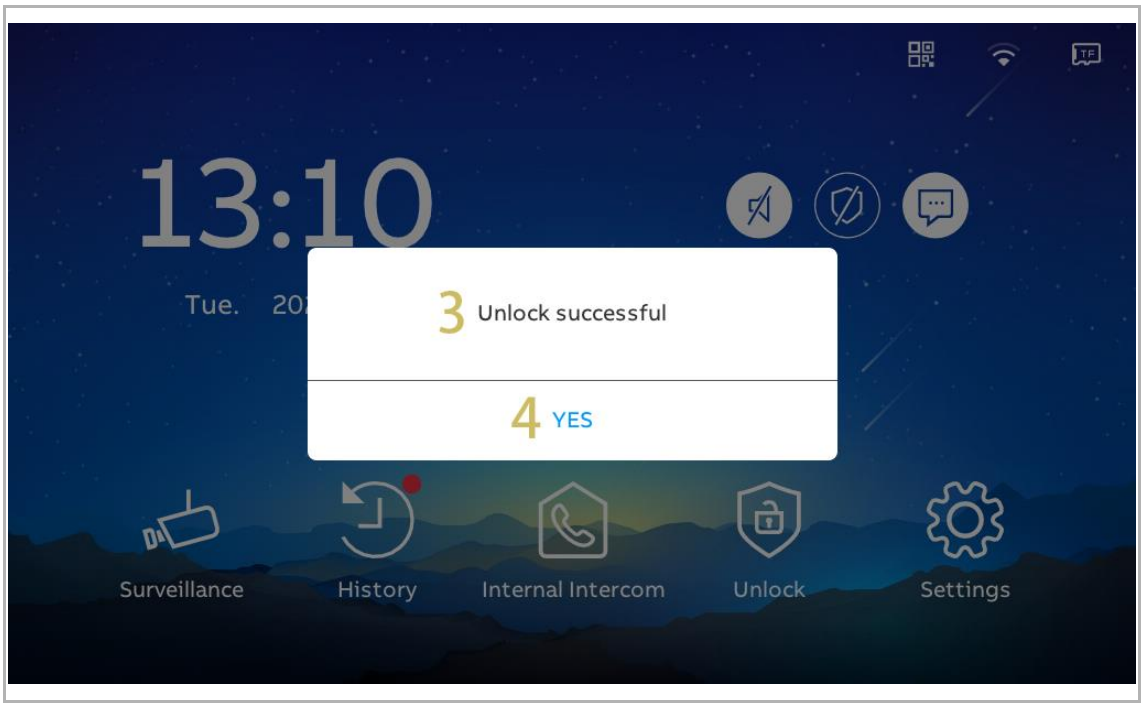
[1] On the home screen, tap "Unlock".

[2] Tap the designated lock (1 Indoor Station lock and 2 Outdoor Station locks for selection).



[3] "Unlock successful" will be displayed if success.

[4] Tap "YES".



9.4 Sharing the device via APP

Please follow the steps below:

[1] On the home screen of APP, tap "Me".

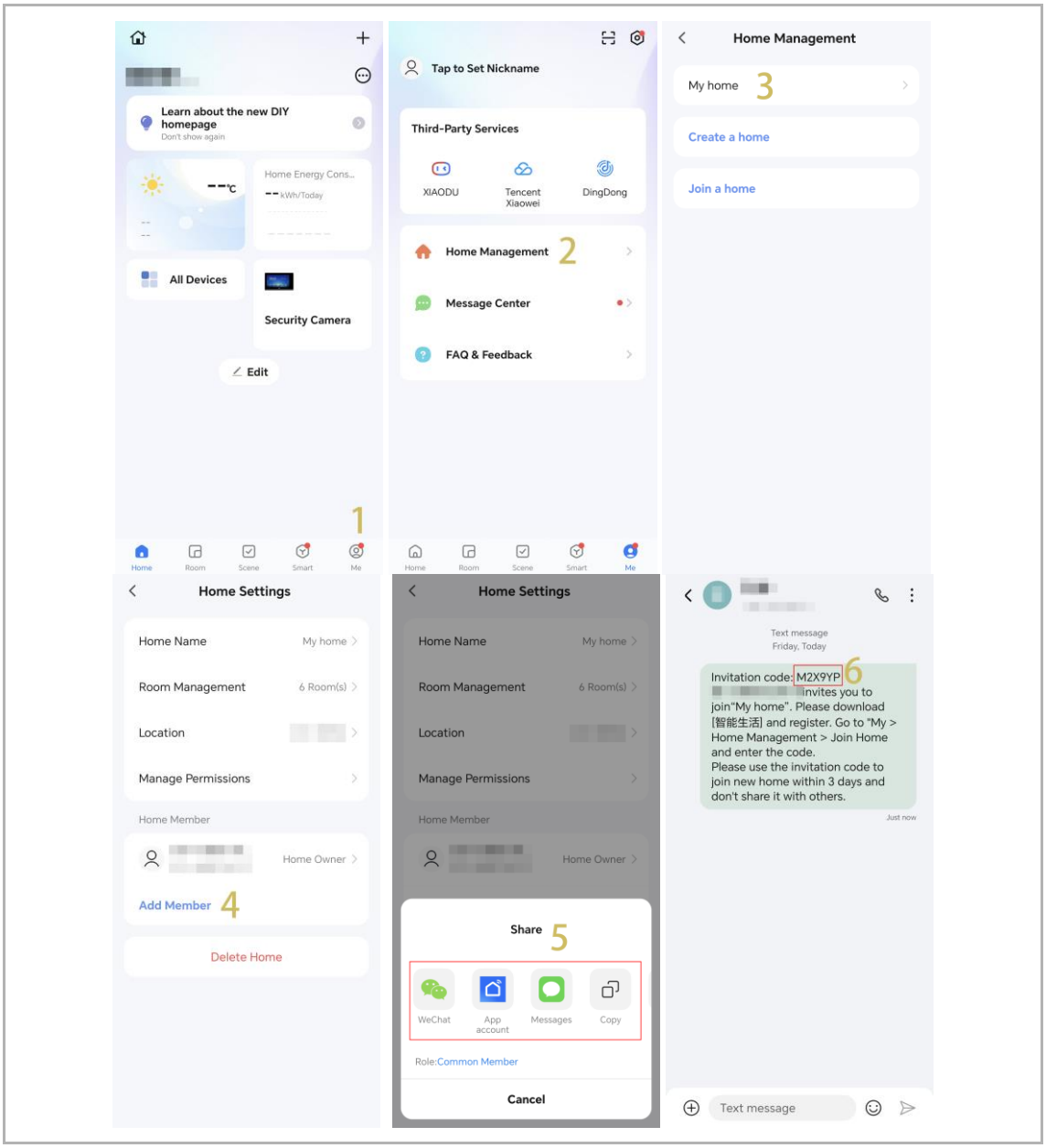
[2] Tap "Home Management".

[3] Tap the designated home.

[4] Tap "Add Member".

[5] Select a sharing way. It can be shared via Whatussp, SMS.

[6] The invitation code will be integrated in the sharing message. The invitee should use this invitation to join the home.



Joining a home

Please follow the steps below:

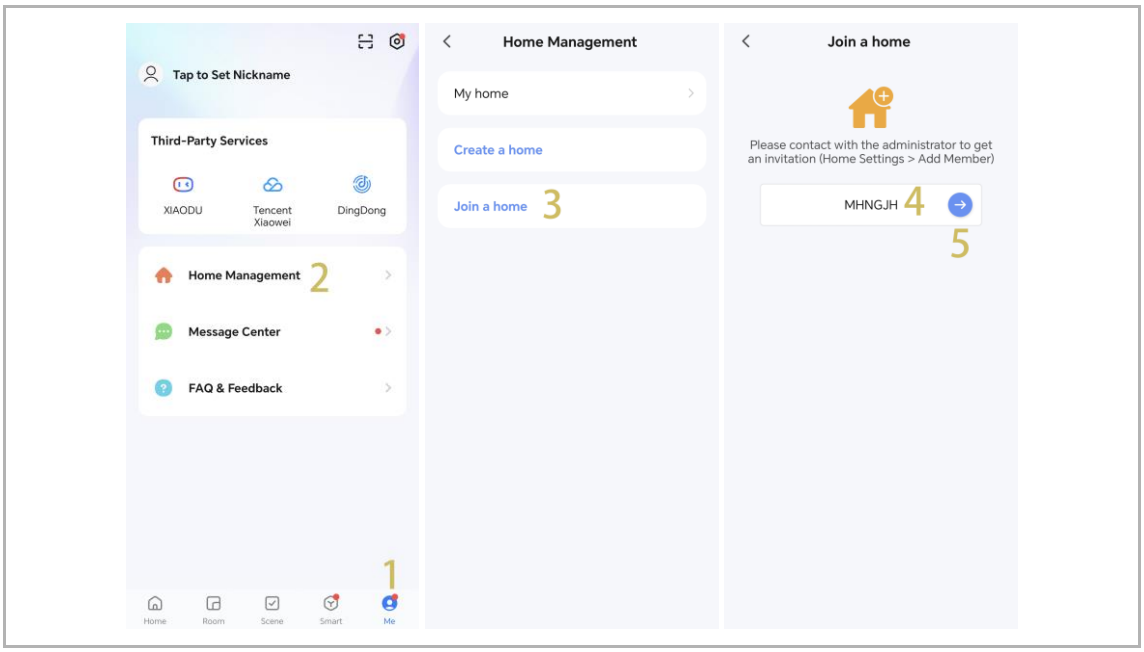
[1] On the home screen of APP, tap "Me".

[2] Tap "Home Management".

[3] Tap "Join a home".

[4] Enter the invitation code.

[5] Tap " " to join the home.



9.5 Updating the devices via APP

Please follow the steps below:

[1] On the home screen of APP, tap the designated Indoor Station.

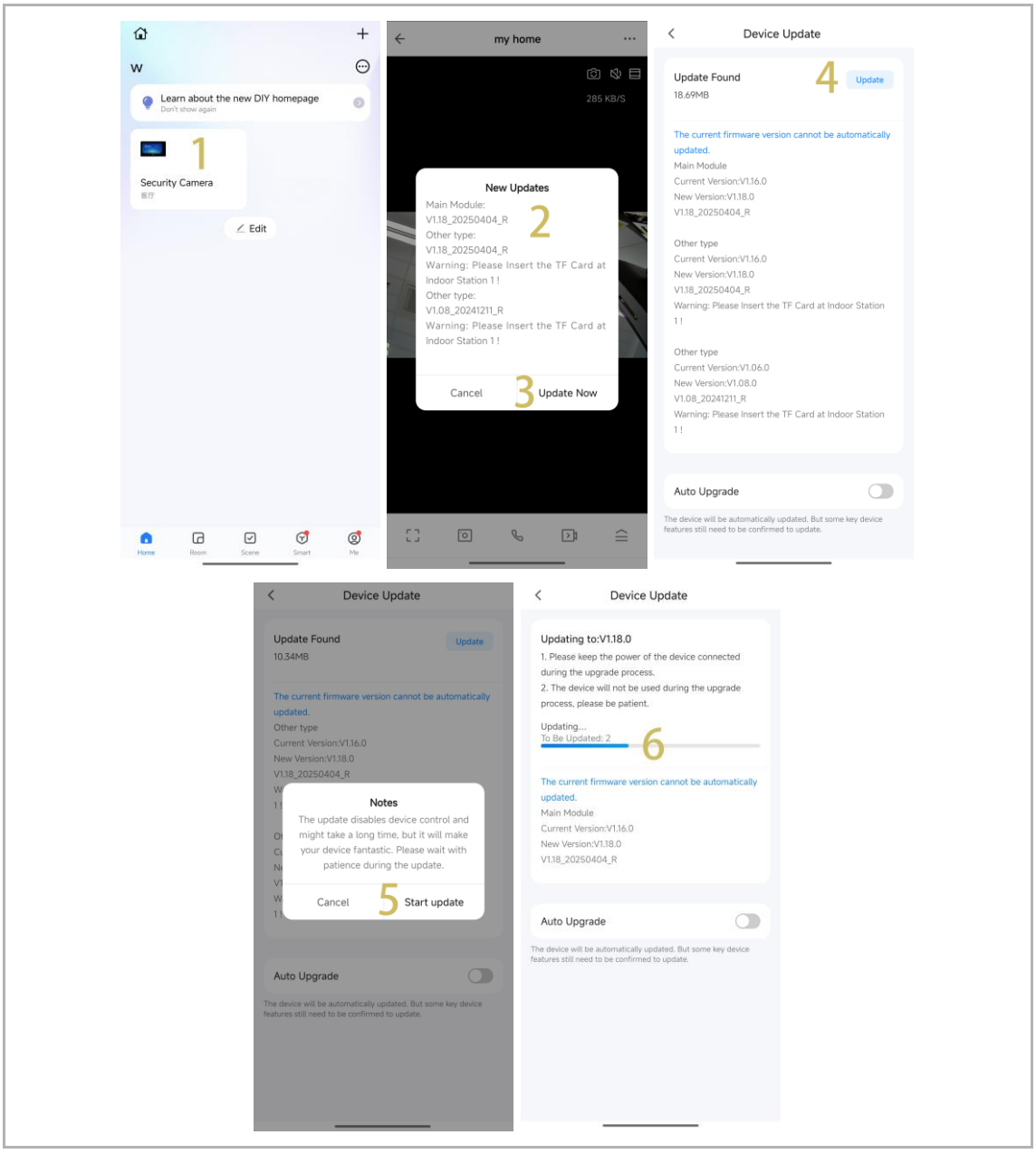
[2] A pop-up window will appear when there are new versions. Please insert a TF card at Indoor Station first.

[3] Tap “Update Now”.

[4] Tap "Update".

[5] Tap “Start Update”.

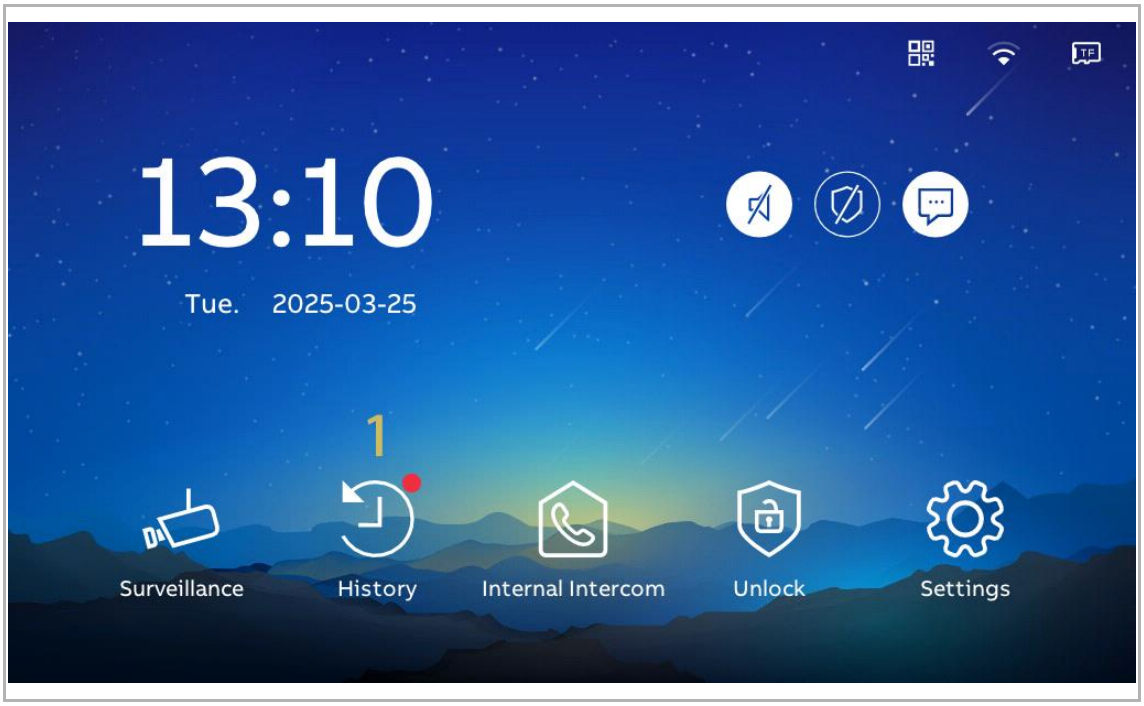
[6] Don’t turn off the power of the Indoor Station during the update. The Indoor Station will reboot after the update.

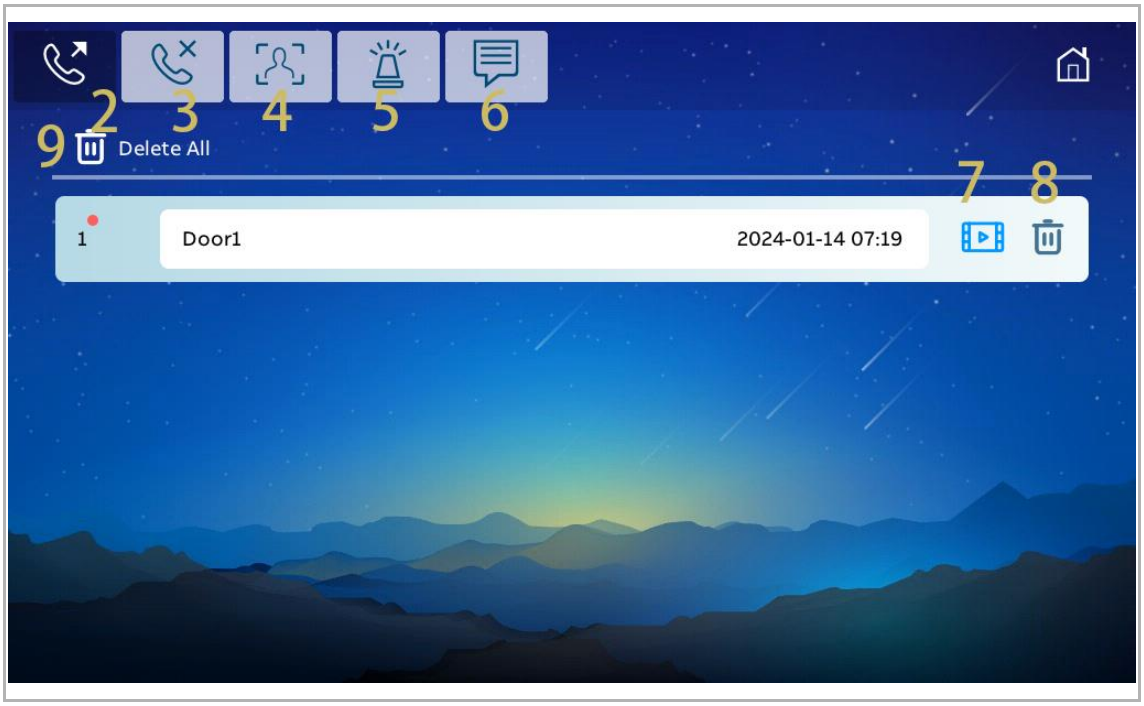


9.6 History

Please follow the steps below:

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





No.	Description
2	" " = received call records during incoming calls
3	" " = missed call records during incoming calls or surveillance records
4	" " = human detection records
5	" " = alarm records
6	" " = leaving message records
7	" " = image record " " = video record
8	Tap " " to remove the record
9	Tap " Delete All" to remove all records

9.7 Alarm

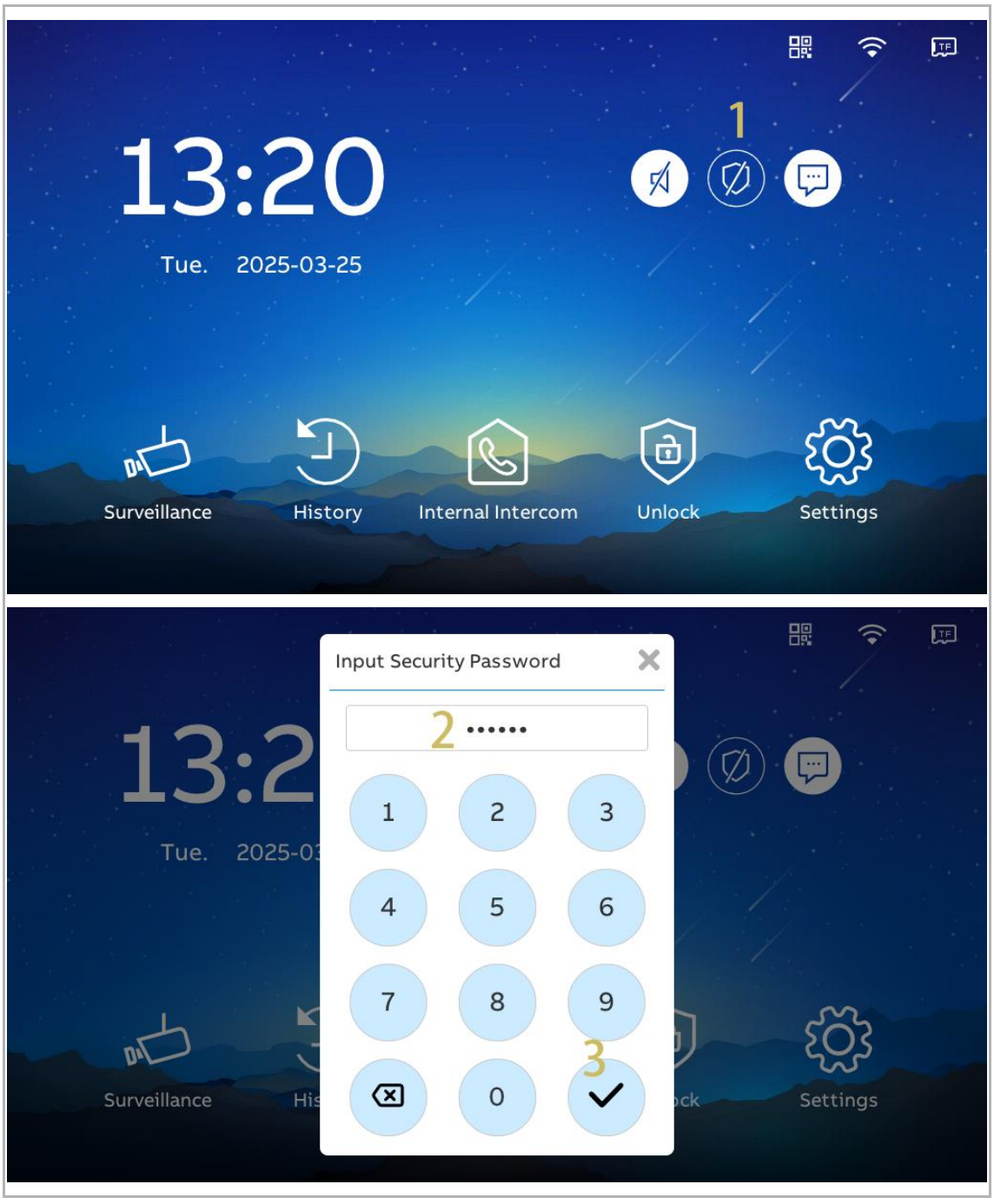
9.7.1 Arming an Indoor Station

Please follow the steps below:

[1] On the home screen of APP, tap " ".

[2] Enter the security password. This password can be set on the "Settings"-"Advanced settings". .

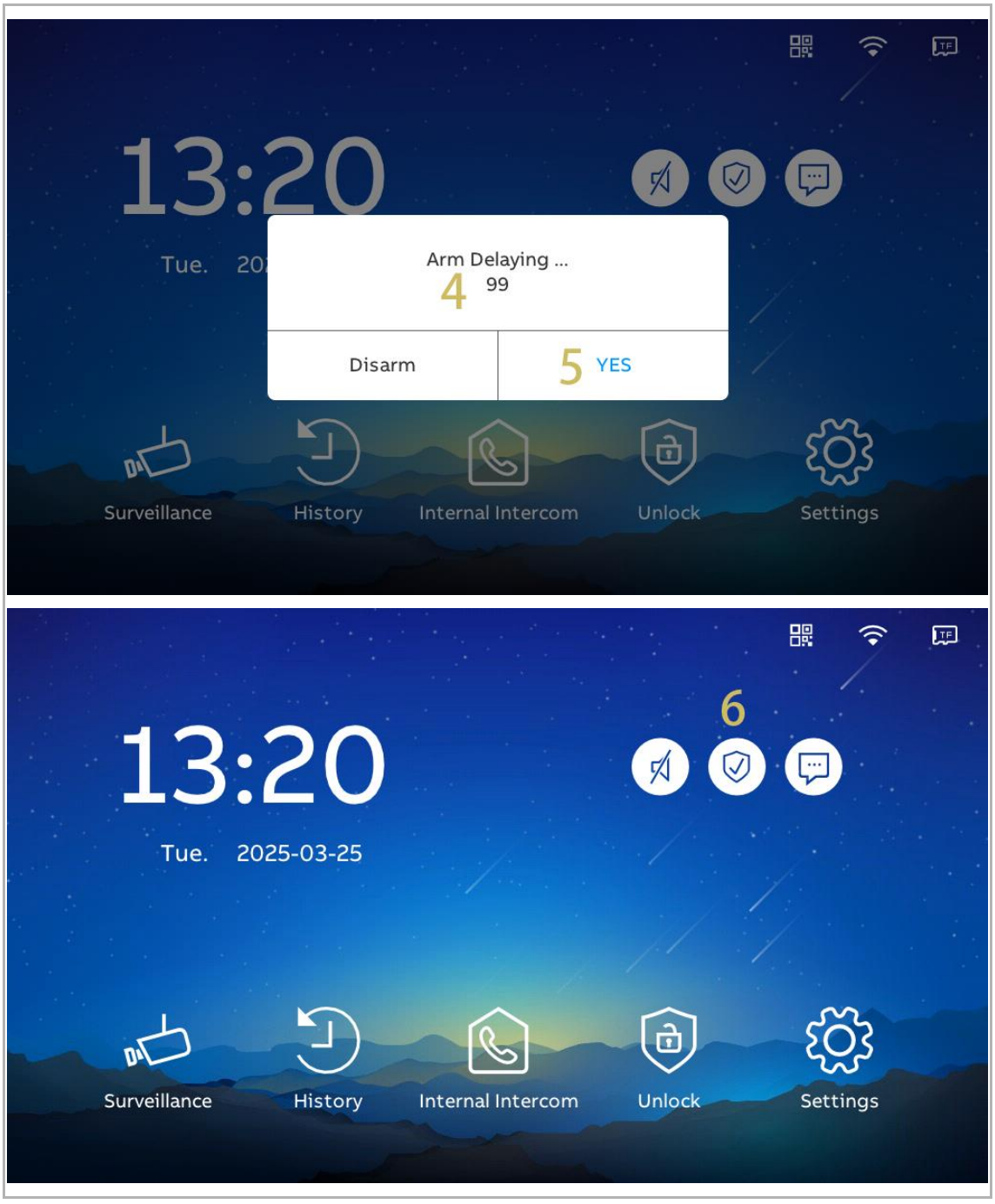
[3] Tap " √ ".



[4] The countdown will be displayed for 100 seconds. You can tap "Disarm" to quit the arming during this process.

[5] Tap "YES".

[6] " " will be displayed to indicate the arming status.



9.7.2 Disarming an Indoor Station

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