

K-BUS® KNX Smart Touch S15

UI Description_1.0



CHTI-15.6/240.1.21(Black)

CHTI-15.6/240.1.22(Silver)

CHTI-15.6/240.1.23(Gray)

Contents

Chapter 1 Introduction	1
Chapter 2 Power on guide	3
Chapter 3 Home	5
3.1. Home page	7
3.1.1. Edit page	7
3.1.2. Add card	8
3.2. System card	10
3.2.1. General card	10
3.2.2. Weather card	10
3.2.3. Dial card	11
3.2.4. Date card	12
Chapter 4 Device	14
4.1. Device page	14
4.1.1. Device view	14
4.1.2. Area view	15
4.1.3. Show by building plan	15
4.1.3.1. Show by building plan	16
4.1.3.2. Edit building plan page	17
4.2. Device card	19
4.2.1. Switch function	19
4.2.2. Dimming function	20
4.2.3. RGB dimming function	23
4.2.4. Curtain function	26
4.2.5. Audio control function	31
4.2.6. Environment function	35
4.2.7. Room temperature unit control function	36
4.2.8. Air conditioner control function	45
4.2.9. Ventilation system control function	49
4.2.10. Energy metering value display function	53
4.2.11. Sensor function	53
4.2.12. Value sender function	54
Chapter 5 Scene	55
5.1. Scene page	55
Chapter 6 Intercom	56
6.1. Top Contacts	57
6.2. Resident list	58
6.3. Broadcast	59
6.4. Dialing Keypad	60
6.4.1. Dialing Keypad	60
6.4.2. Incoming Caller	63
6.5. Intercom Unlock	64
6.6. Voice Message	65
6.6.1. Add Local Voice Message	66
6.6.2. Greeting	66
6.7. SOS	67

6.8. Monitor	68
6.9. Monitoring Record	70
6.10. Alarm Record	71
6.11. Call Record	72
6.12. Do no disturb	73
6.13. Arm/Disarm	74
6.14. Latest News	74
Chapter 7 Shortcut	76
Chapter 8 Setting	78
8.1. System Setting	78
8.1.1. Display	78
8.1.2. Volume	79
8.1.3. Date and time	80
8.1.4. Language select	81
8.1.5. WLAN	82
8.1.6. Bluetooth	83
8.1.7. Hide status bar	84
8.1.8. KNX programming	85
8.1.9. About	86
8.2. Smart Home Setting	87
8.2.1. Building plan	87
8.2.2. Sort location	89
8.2.3. The default area for voice control	90
8.2.4. Display area name	91
8.2.5. Schedule	92
8.3. Intercom Setting	94
8.3.1. Call Transfer	94
8.4. Security Setting	95
8.4.1. Video Surveillance	95
8.5. Custom Setting	96
8.5.1. Screen saver	96
8.5.2. Theme	99
8.5.3. Proximity sensing	101
8.5.4. Temperature unit	102
8.5.5. Password	103
8.5.6. Cleaning mode	105
8.5.7. Caring mode	105
8.6. Project Setting	106
8.6.1. Device name	106
8.6.2. Network settings(LAN)	107
8.6.3. Network settings(WAN)	108
8.6.4. Module function setting	109
8.6.5. Smart Home Setting	110
8.6.5.1. Sort device type	110
8.6.5.2. Hidden device	111
8.6.6. Intercom Setting	112
8.6.6.1. SIP account	112

8.6.6.2. Management center setting	114
8.6.6.3. Community identification code	116
8.6.7. Security Setting	117
8.6.7.1. Alarm Settings	117
8.6.7.2. Defense zone settings	118
8.6.8. Password error lock	119
8.6.9. Self check	120
8.6.10. Engineering password	120
8.6.11. Factory reset	121
Chapter 9 Web Server	123
9.1. Web Server Login	123
9.2. System Settings	123
9.2.1. Sound Settings	123
9.2.2. Time Zone Settings	124
9.2.3. Device language setting	125
9.2.4. KNX Programming	125
9.2.5. About	126
9.3. Video Intercom Settings	128
9.3.1. Frequently used contact list	128
9.3.2. Contact Setting	129
9.3.3. Contact Scope Setting	130
9.3.4. SIP Account Setting	131
9.3.5. Management Center Setting	132
9.3.6. Call forwarding	133
9.4. Security Monitoring Settings	133
9.4.1. Monitoring Setting	133
9.4.2. Alarm setting	134
9.4.3. Defense Zone Setting	135
9.4.4. Anti-tampering Switch	136
9.5. Personalization Settings	137
9.5.1. Proximity Sensing	137
9.5.2. Temperature Unit	138
9.5.3. User password setting	138
9.6. Engineering setting	139
9.6.1. Device Name	139
9.6.2. Server Configuration	139
9.6.3. Cell ID	140
9.6.4. Password authentication	140
9.6.5. Network Setting	141
9.6.6. Module function setting	142
9.6.7. Password error lock	142
9.6.8. Engineering password setting	143
9.6.9. Restore Factory Settings	143
9.7. Web Login password modification	144
Chapter 10 PC Update & Configuration Tool	145
10.1. Program upgrade	145
10.2. Customized Address Book Import	147

10.2.1. Address tool	149
10.2.1.1. Project Configuration	150
10.2.1.2. Area Configuration	151
10.2.1.3. Device configuration&Preview export	155
10.3. UI Resource Replacement	161
10.3.1. UI resource configuration	162
10.3.1.1. UI Resource Creation Requirements	162
10.3.1.2. archive.tar file generation	168
Chapter 11 Icon list	169
11.1. Icon for device page	169
11.1.1. Theme 1 device icons	169
11.1.2. Theme 2 device icons	172
11.1.3. Theme 3 device icons	175
11.2. Icon for scene page	178
11.2.1. Theme 1 scene icons	178
11.2.2. Theme 2 scene icons	180
11.2.3. Theme 3 scene icons	182

Chapter 1 Introduction

This document is for the UI description of the KNX Smart Touch S15. As an appendix of this product, it is necessary to understand the UI function by the relevant description in the manual of this product. For example, users need to configure specific parameters for the UI page to be presented. Therefore, please refer carefully to the relevant documents and function description before using the product.

The following chapter will introduces the interactive application of each function page of this product in detail.

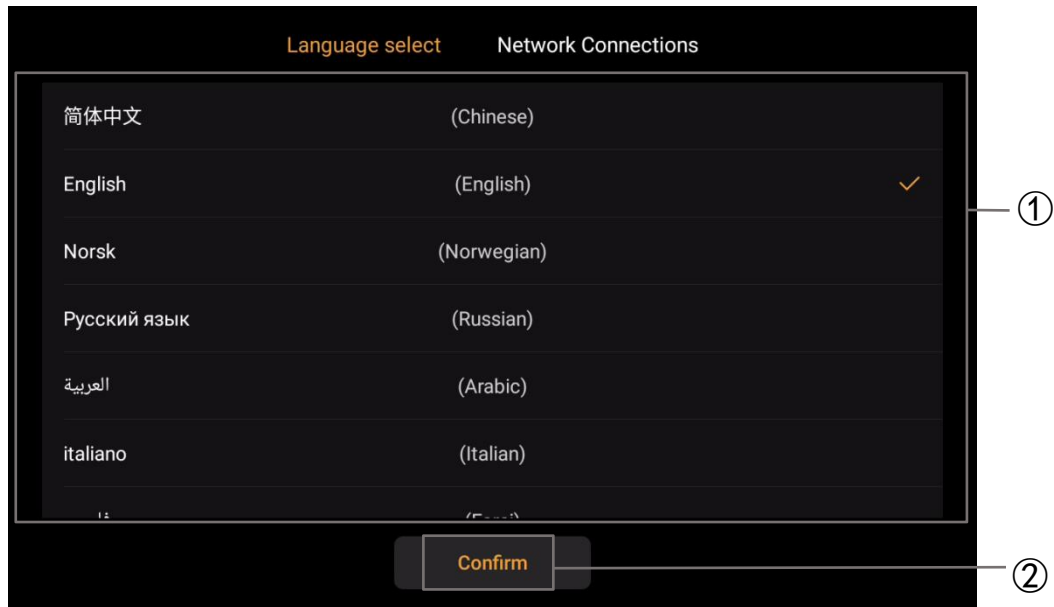
The main functions of UI are summarized as follows:

- ◆ Supports multiple screensaver styles, including clock, dial, weather, shortcut, and album screensaver
- ◆ Support screen locking
- ◆ Support select theme and background
- ◆ Support multiple languages
- ◆ Supports status bar to show common function status, such as Wi-Fi, Bluetooth, network connection status, microphone status, arming status, timer status, etc.
- ◆ Supports switching between multiple function pages through the via navigation bar, such as home page, devices page, scene page, intercom page
- ◆ Supports customizing the card type of home page, and the card position of each page can be adjusted
- ◆ Supports three kinds of device management: device view, area view, show by building plan, and building plan can be customized
- ◆ Supports setting screen brightness, system volume and system ringtone
- ◆ Supports manual active/inactive and adjustment of schedule
- ◆ Supports cleaning mode
- ◆ Supports manual active/inactive or adjustment proximity.

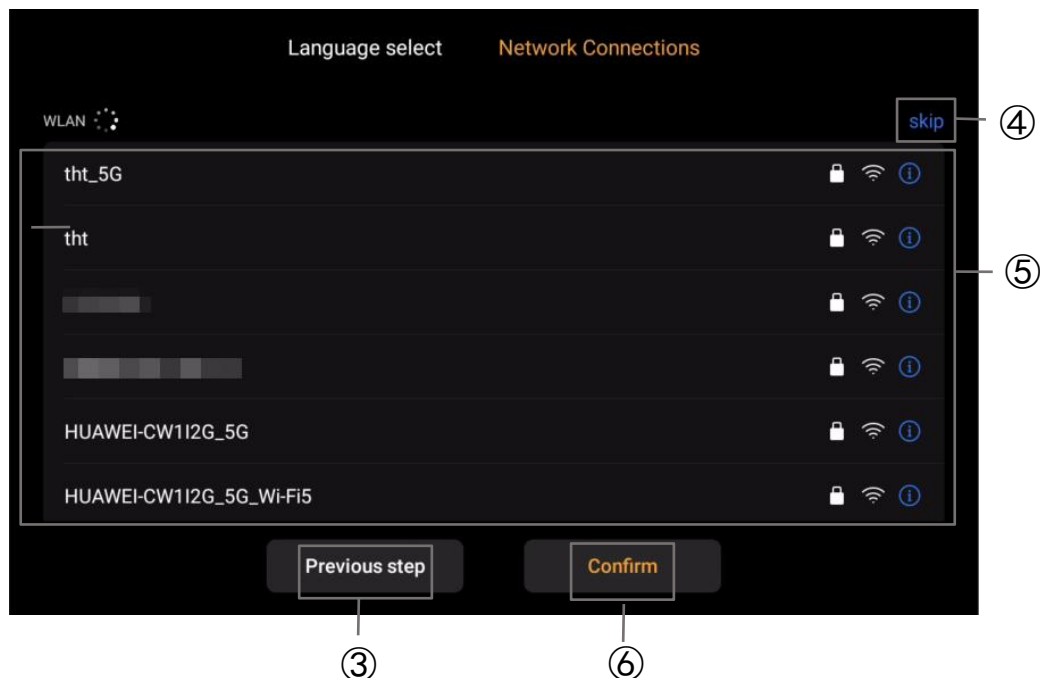
- ◆ Supports changeable temperature unit
- ◆ Support checked system information of device

Chapter 2 Power on guide

After the device is connected to the power supply, it enters the power on guide page, where you can select the device language and network connections.



Power on guide-Language select



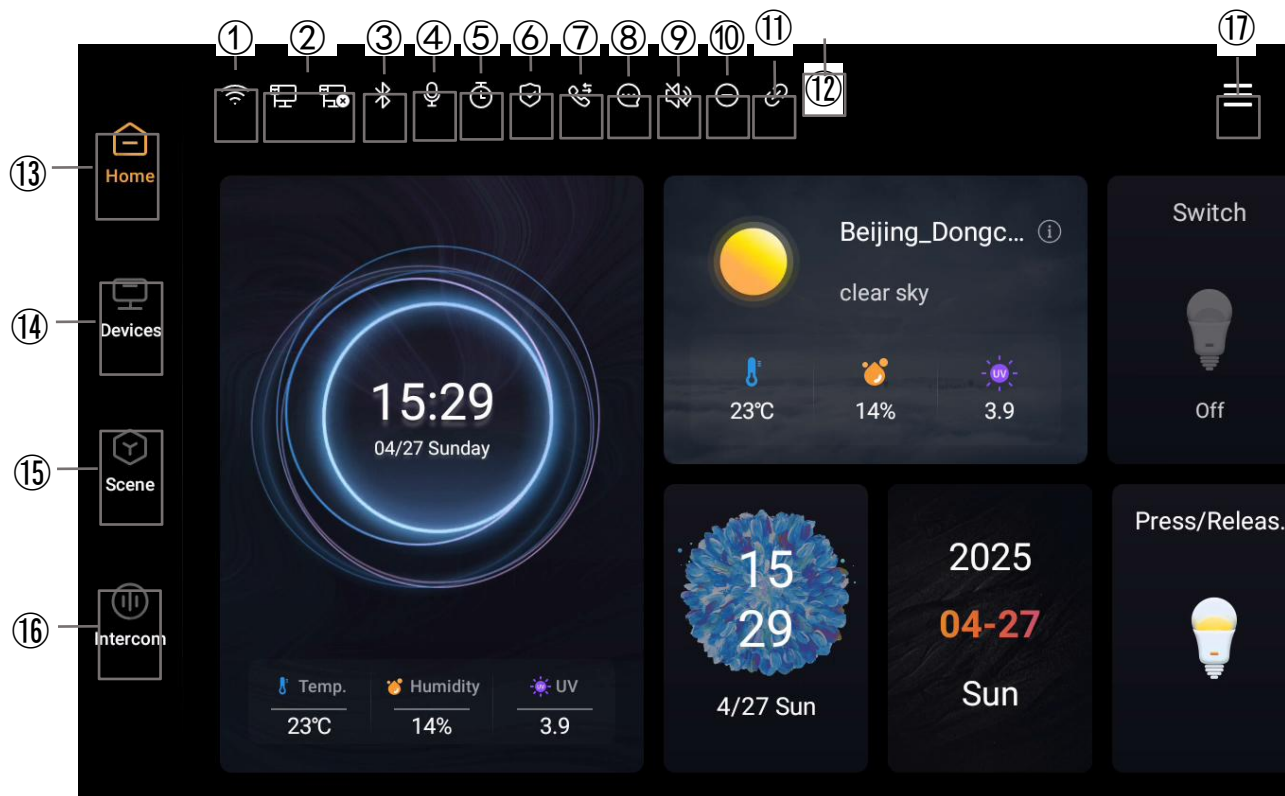
Power on guide-Network Connections

- ① Display a list of available languages. Touch to select the device language.

- ② Touch to enter the “network connections” page.
- ③ Touch to return to the language selection page.
- ④ Touch to enter the default home page of the device.
- ⑤ Display the list of available networks, touch to select the network and pop up a sub-window, enter the correct password to connect the Wi-Fi.
- ⑥ After successfully connecting to the Wi-Fi, tap to enter the default home page of the device.

Chapter 3 Home

The home page is the default page that the system enters after booting up, and it is the main page for user interaction. The page card can be customized by the user to add, delete, and adjust the position.



Home page

① Icon  indicate WiFi is connected, Icon  indicate WiFi is not connected.

② Icon  indicate Ethernet is connected, Icon  indicate Ethernet is not connected, icon  indicate IP conflict. The first Ethernet icon indicates the wired network (LAN) for intercom communication. The second Ethernet icon indicates the wired network (WAN) for internet connection.

③ Icon  indicate Bluetooth is connected, Icon  indicate Bluetooth is not connected.

④ Icon  indicate microphone is turn on, Icon  indicate microphone

is turn off.

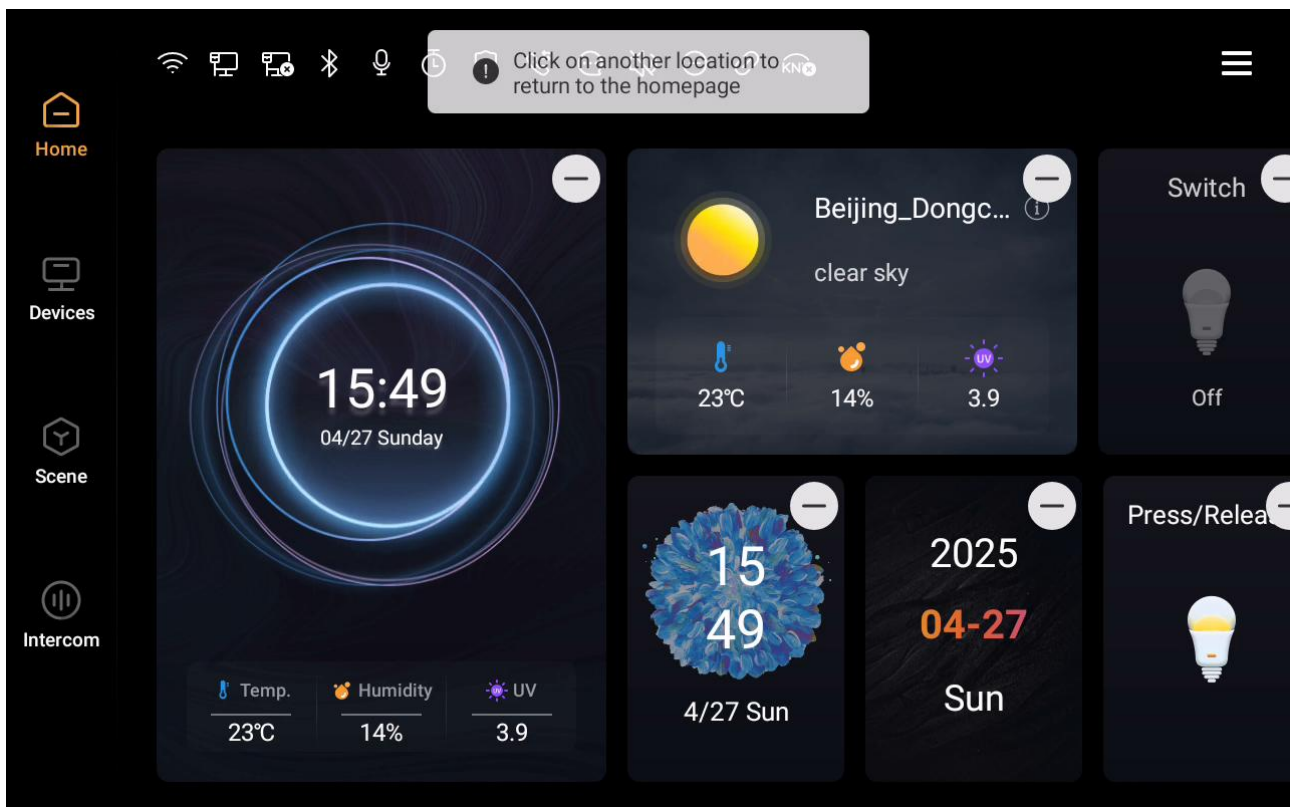
- ⑤ Icon  indicate schedule is active, absence this icon indicate schedule inactive.
- ⑥ Icon  indicate alarm active, absence this icon indicate alarm inactive.
- ⑦ Icon  indicate call forwarding active, absence this icon indicate call forwarding inactive.
- ⑧ Icon  indicate there are unread voice messages, absence this icon indicate there are no unread voice messages.
- ⑨ Icon  indicate the silent mode is on, absence this icon indicate the silent mode is off.
- ⑩ Icon  indicate active the do not disturb,absence this icon indicate inactive do not disturb.
- ⑪ Icon  indicates the device is binding to the app
- ⑫ Icon  indicate that the KNX bus is not connected.
- ⑬ Touch enter the home page.
- ⑭ Touch enter the devices page.
- ⑮ Touch enter the scene page.
- ⑯ Touch enter the intercom page.
- ⑰ Touch enter the home page setting,can choose to edit page or add card.

3.1. Home page

3.1.1. Edit page

Touch the icon  and select to enter the “Edit page” .



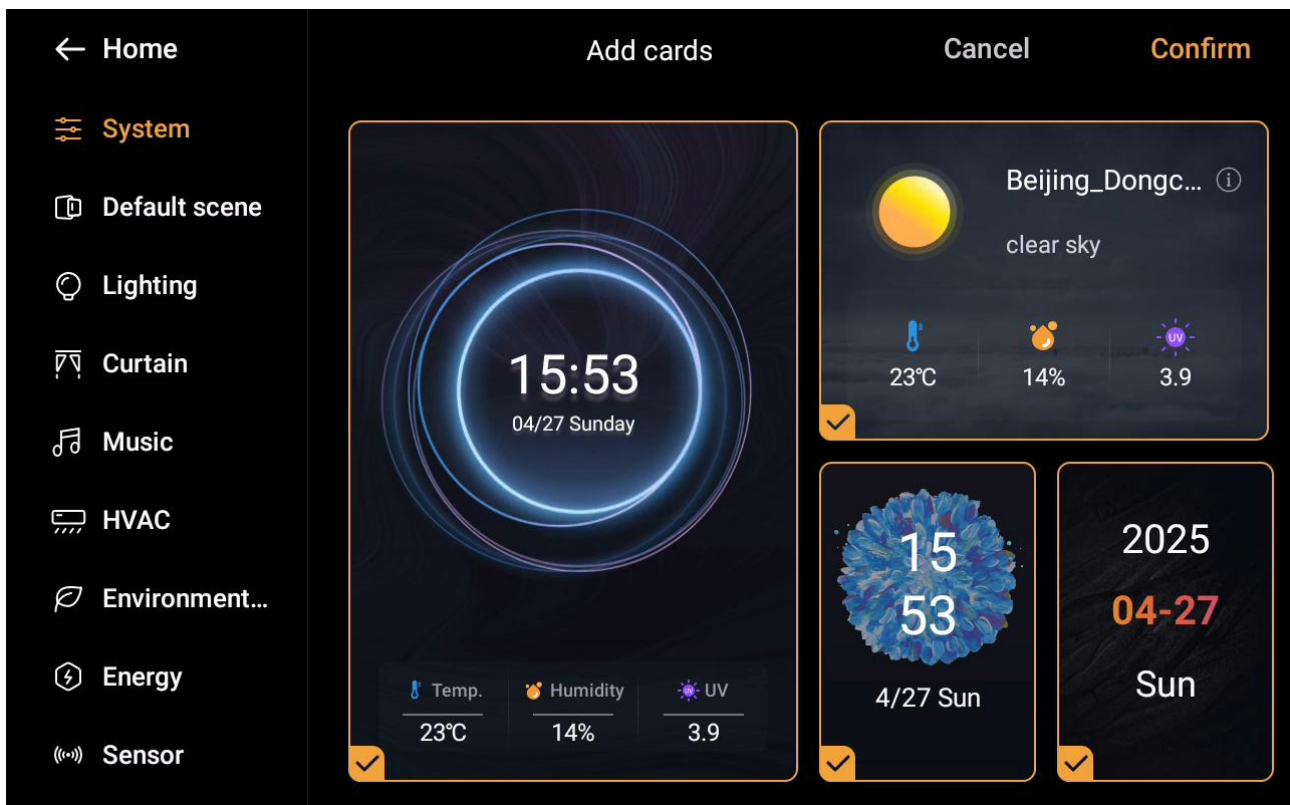


Edit page

- (1) Removing card: Tap  the top-right corner of the card to delete the corresponding card.
- (2) Moving the card position: Long press on a card to move the card position and swipe left or right to view more.

3.1.2. Add card

Touch the icon  and select to enter the “Add card” .

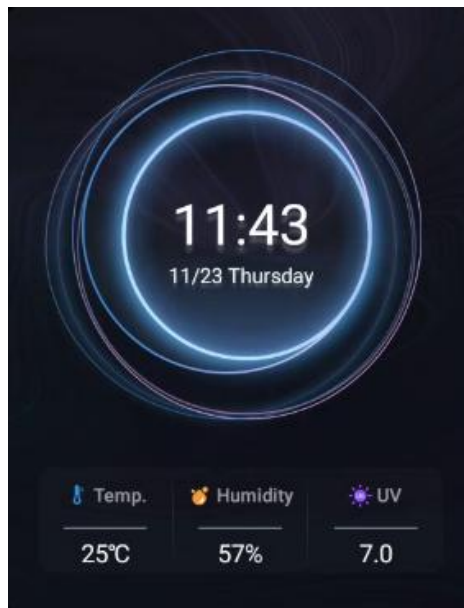


Add card

Add card: On the left side, you can switch between card categories. Under the corresponding category, check the desired cards and tap the confirm button at the top-right corner.

3.2. System card

3.2.1. General card



General card

- (1) Displays the system time and date. The date and time can be modified in the settings page or from the bus. The calendar can be viewed by touch into the Calendar page.
- (2) Displays the current outdoor temperature, humidity and UV. These are available via the web. Touch on the weather details page to view the current and future week's weather and temperature range for your location.

3.2.2. Weather card



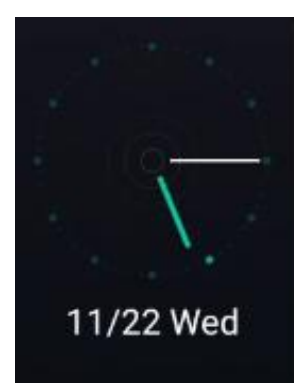
Weather card

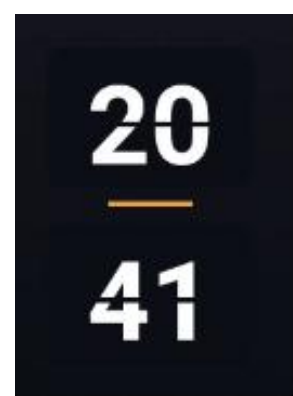


Weather details

- (1) Displays the system time and date. The date and time can be modified in the settings page or from the bus. The calendar can be viewed by touch into the Calendar page.
- (2) Displays the current outdoor temperature, humidity and UV. These are available via the web. Touch on the weather details page to view the current and future week's weather and temperature range for your location.

3.2.3. Dial card

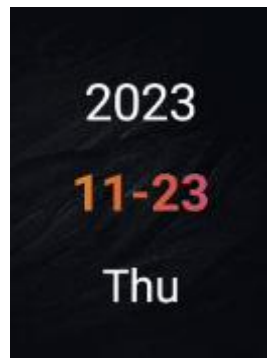




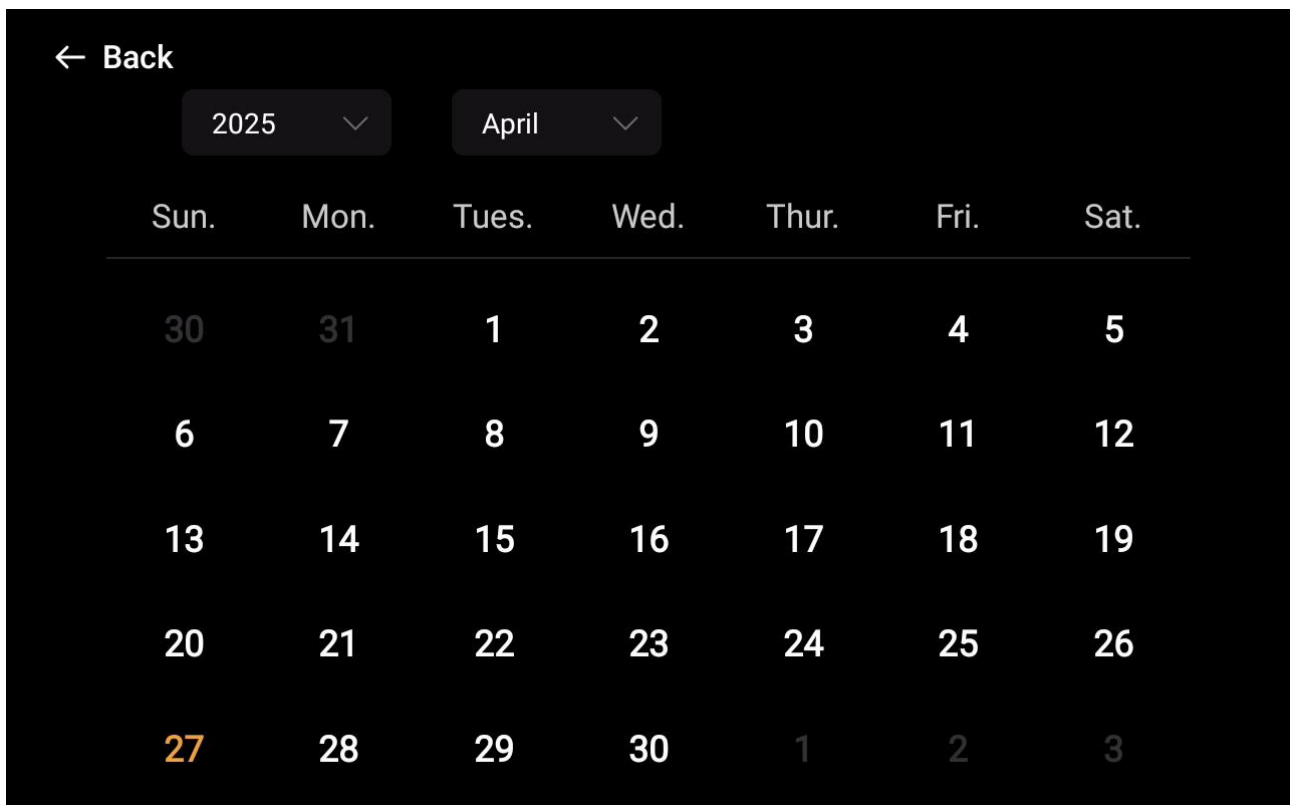
Dial card

- (1) Displays the system time and date. The date and time can be modified in the setup page or from the bus.
- (2) Display in the home page, touch the dial card can switch the card style with six styles.

3.2.4. Date card



Date card



Calendar

Displays the system time and date. The date and time can be modified in the setup page or from the bus. The calendar can be viewed by touch into the Calendar page.

Chapter 4 Device

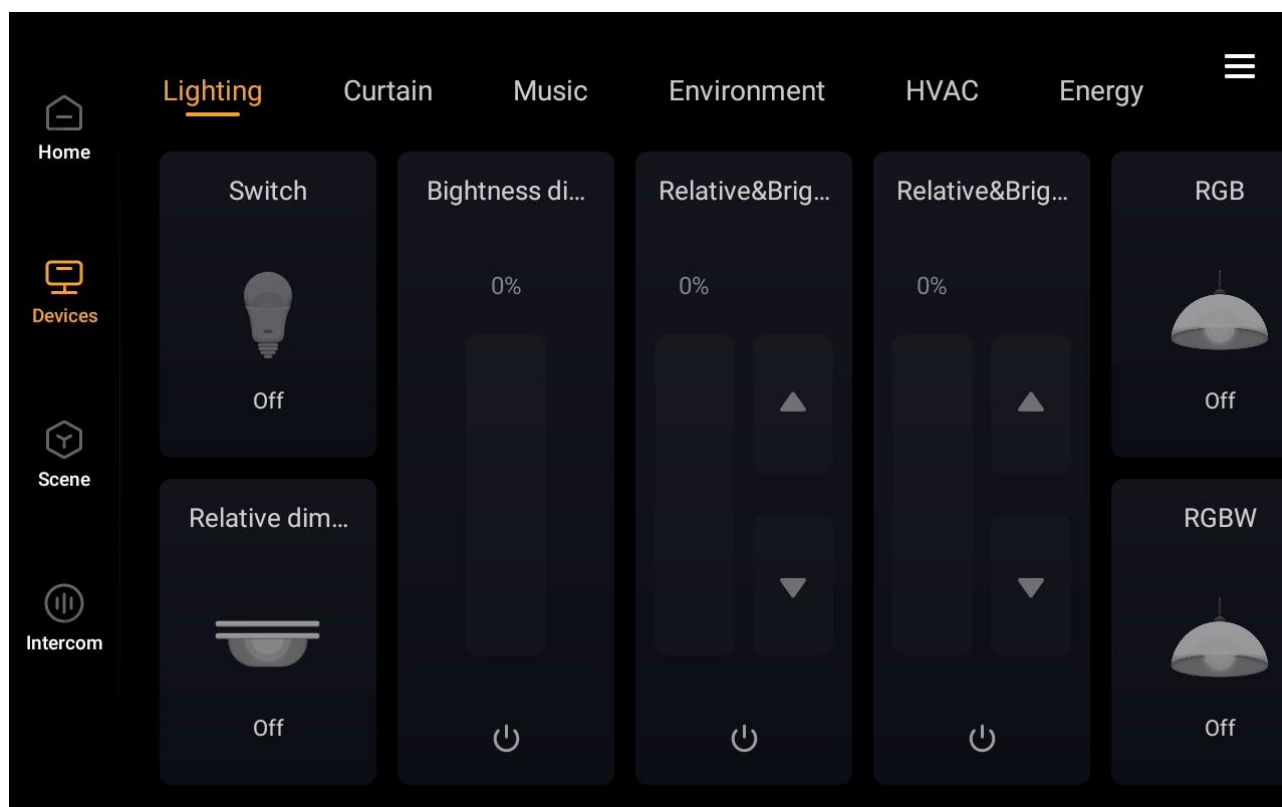
The device page shows all the device cards of the home, you can swipe left or right to view more. The page default to displaying by device view, touch the icon



to switch the page display, you can choose to device view, area view or shown by building plan.

4.1. Device page

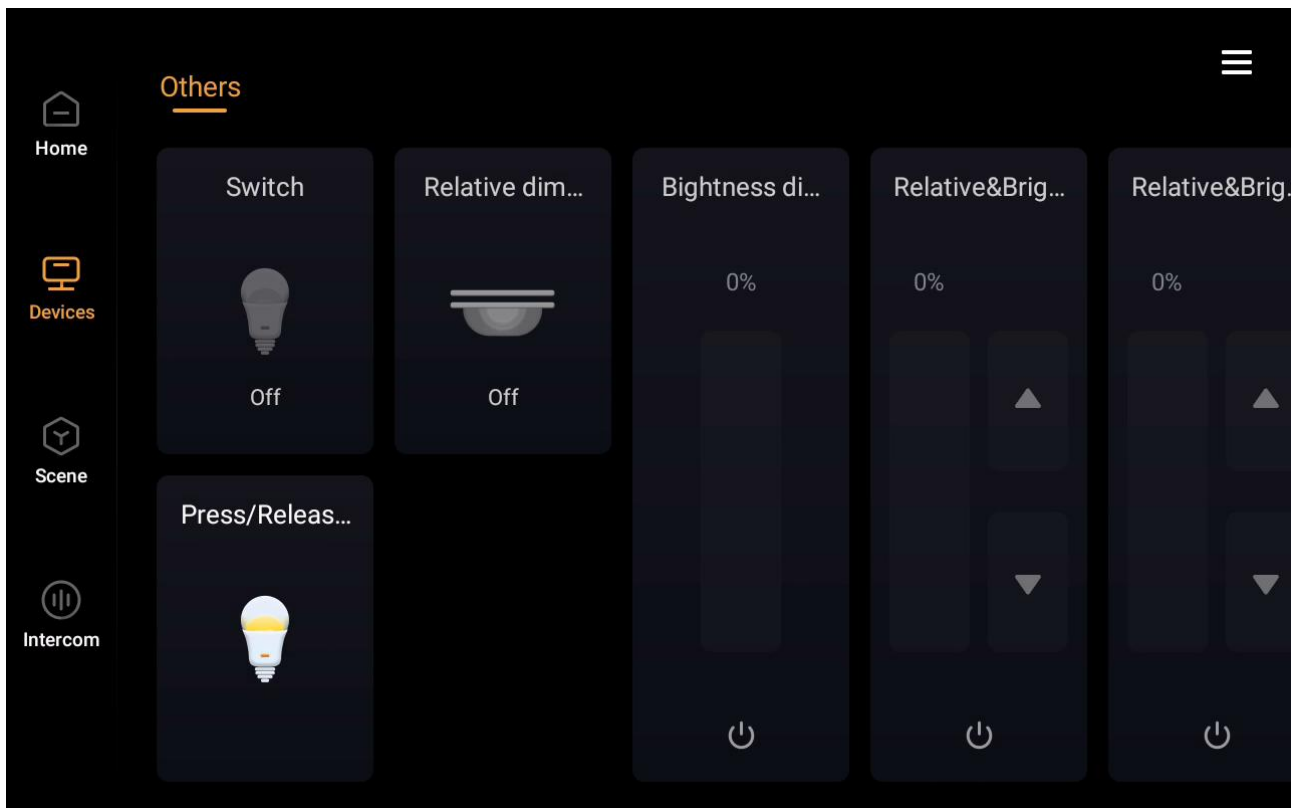
4.1.1. Device view



Device page_device view

- (1) On the categorize by device view, swipe left or right on the title bar at the top of the screen to switch the display of different device categories, such as lighting, curtain, music, environment, HVAC, energy, sensor and other devices.
- (2) Touch the icon  and select the "Edit page" to enter the editing mode, long press the card to move the card position.

4.1.2. Area view



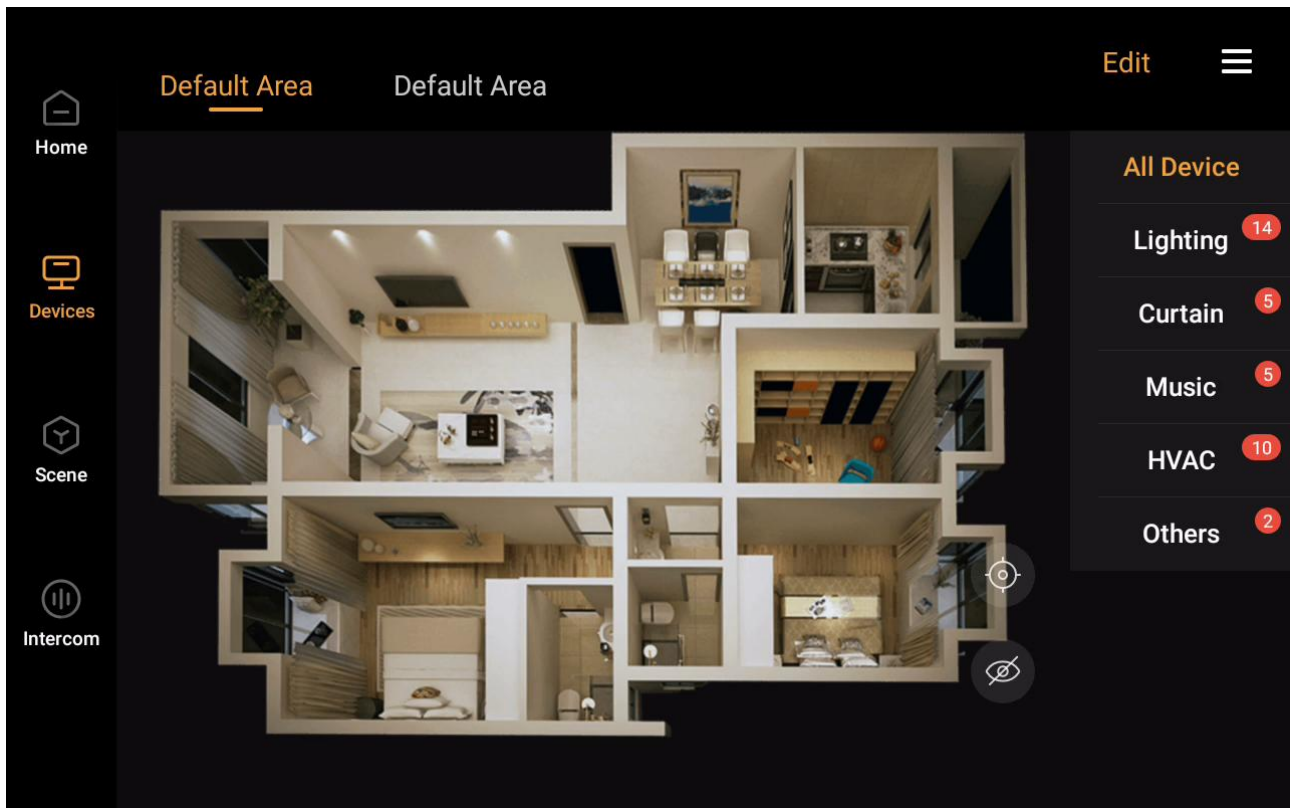
Device page_area view

- (1) On the categorize by area view, swipe left or right on the title bar at the top of the screen to switch the display of different area categories, such as living room, gym, study, balcony bedroom and others area. Configure the device's assigned area according to ETS.
- (2) Touch the icon  and select the "Edit page" to enter the editing mode, long press the card to move the card position.

4.1.3. Show by building plan

Show by building plan is to provide users with a more intuitive way of control, users can according to their home layout, split the home into different areas, such as the first floor, the second floor, and add the corresponding equipment for each area, in order to more intuitive control of the equipment in the relevant area. The following is a two-part introduction to the building plan control and edit building plan :

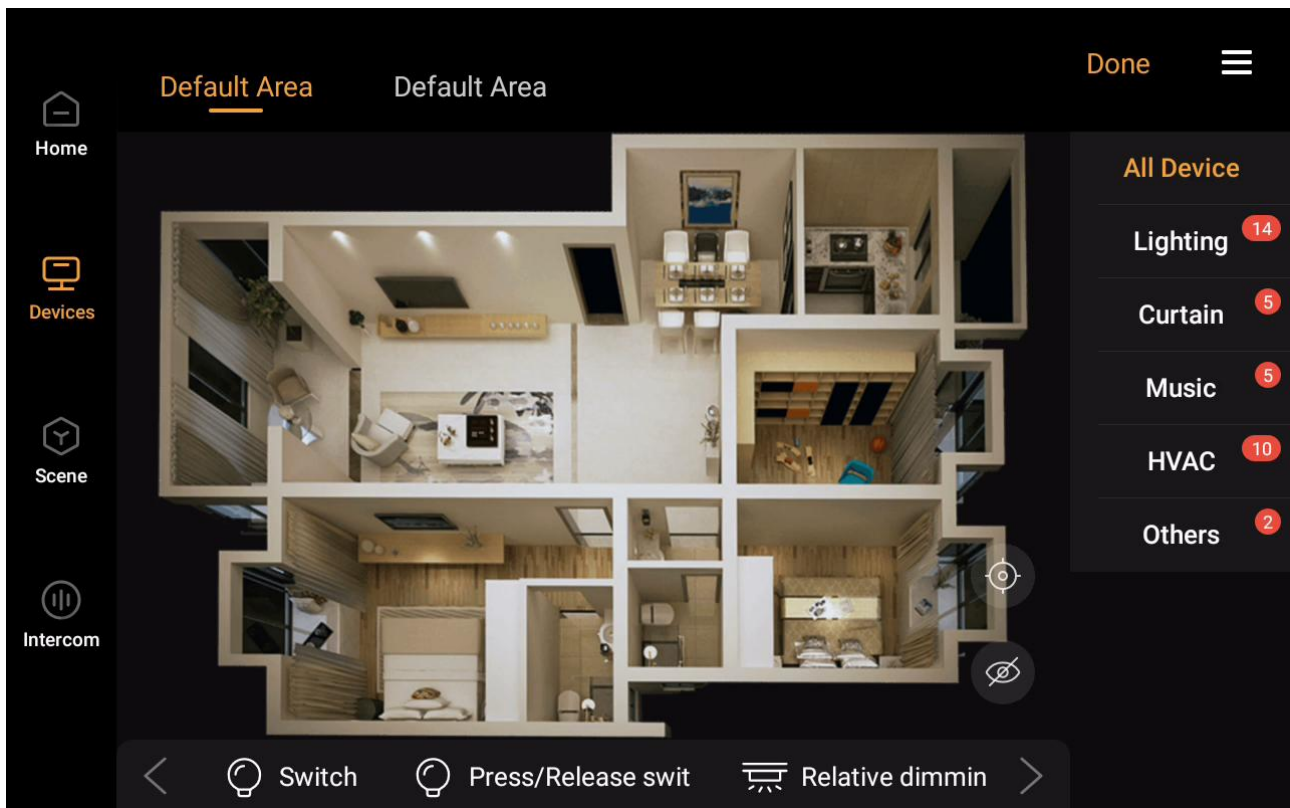
4.1.3.1. Show by building plan



Device page_show by building plan

- (1) The top section allows you to switch between different floor plans for device control.
- (2) You can filter devices by device type.
- (3) Tap the corresponding device icon on the floor plan to control the device on/off or access the device control page to achieve device control functions.
- (4) Tap , show or hide the device name under the device icon.
- (5) Tap the icon  at the top-right corner to enter the floor plan editing mode.

4.1.3.2. Edit building plan page



Edit building plan

On the floor plan control page, tap the icon **Edit** at the top-right corner of the screen to enter the editing mode.

- (1) The top section allows you to switch between different floor plans for editing.
- (2) Add devices: Switch to the desired device type, and the bottom section will display all devices under that category. Tap the corresponding device to add it to the current floor plan. Hold the icon to drag and place it anywhere on the floor plan. Note: The red dot on the right side of the category indicates the number of devices in that category that have not been placed on the floor plan.
- (3) Delete devices: Select a device on the floor plan, drag it downward, and release to delete it.
- (4) Tap , show or hide the device name under the device icon.
- (5) Tap the icon **Done** at the top-right corner to save the edited content.

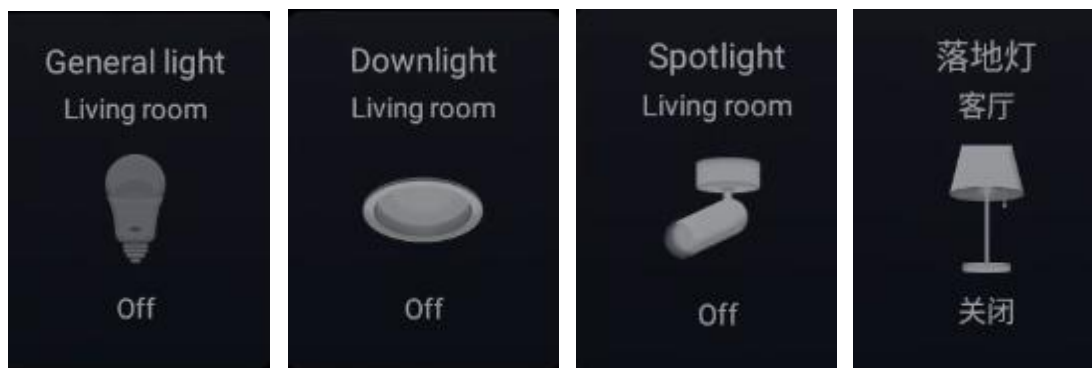
4.2. Device card

4.2.1. Switch function

The switch function card display device name, belonging area, device icon and switch status. Touch on the card to turn on/off the lamp, and the card style will display the corresponding on/off status. At the same time, the display can be updated according to the switching status feedback from the bus. The card icon can be configured by ETS, and the display status of different icons is shown in the figure.



Turn on the lamp





Turn off the lamp

4.2.2. Dimming function

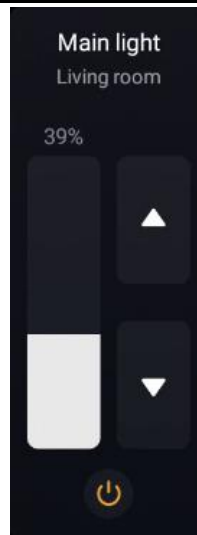
Dimming function with 4 control types, including relative dimming, brightness dimming, relative+brightness dimming, brightness+colour temperature dimming function, configured by parameters. The card displays information such as device name, belonging area, device icon, switch and brightness status. Touch the card to perform the operation of on/off lamp, brightness, color temperature adjustment, and the card style will display the corresponding on/off lamp, brightness, color temperature status. As shown in Fig.4.2.2(1).

Relative dimming has no individual control page, dimming via operate the icon. Short press to switch on/off, icon on indicates the lamp to turn on, icon off indicates the lamp to turn off. Long press to send the command to increase or decrease brightness, long press then release to send the command to stop dimming.

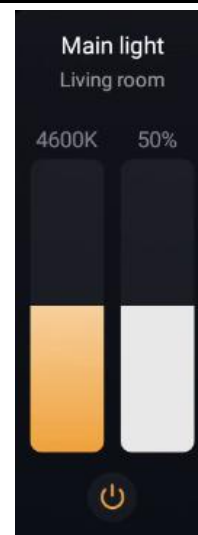
Long press the card or touch the device name area, pop up the detailed operation page, brightness dimming as shown in Fig.4.2.2(2), relative + brightness dimming as shown in Fig.4.2.2(3), brightness + color temperature dimming as shown in Fig.4.2.2(4).



Brightness



Relative + brightness



Brightness+color temperature

Fig.4.2.2(1) Dimming function

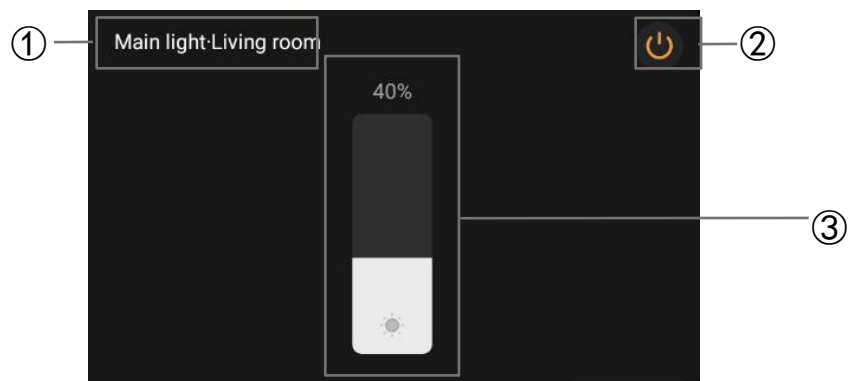


Fig.4.2.2(2) Brightness dimming

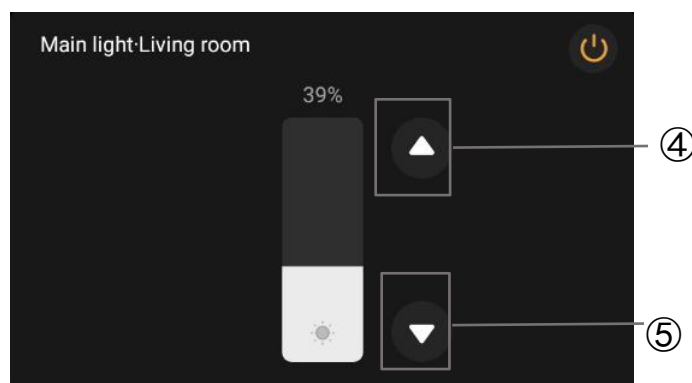


Fig.4.2.2(3) Relative + brightness dimming

⑥

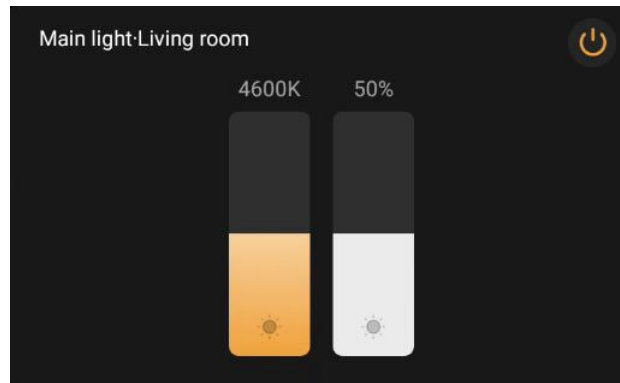


Fig.4.2.2(4) Brightness+color temperature dimming

① Displays the device name and belonging area, descriptions can be customized through ETS.

② This icon is a switch button for control on/off the device.

Icon  indicate turn on lamp.

Icon  indicate turn off lamp.

③ Adjust the brightness in the way of percentage by sliding this slider. At the same time, the slider status can also be updated according to the brightness feedback received from the bus.

④ Adjust the brightness in the way of relative dimming by touching this icon, long press to send 100%, long release to send stop dimming command. Short press only to dim 100%.

⑤ Adjust the brightness in the way of relative dimming by touching this icon, long press to send 0%, long release to send stop dimming command. Short press only to dim 0%.

⑥ Adjust the colour temperature in the way of sliding this slider. The adjustment range for each touch is 100K. The maximum range for colour temperature adjustment is 2000~7000K, the range can be modified by the

parameters. At the same time, the slider status can also be updated according to the colour temperature feedback received from the bus.

4.2.3. RGB dimming function

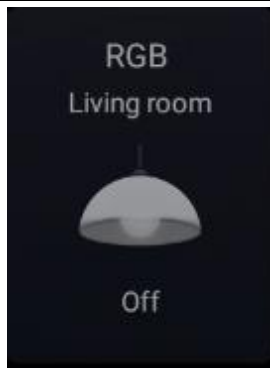
The RGB dimming function card is a 1x1 card with 3 control types: RGB dimming, RGBW dimming and RGBCW dimming, configured by parameters. Among them, RGB is suitable for adjusting RGB lamp. RGBW is suitable for controlling RGBW strip. RGBCW is suitable for RGB lamp, brightness and colour temperature.

The card displays information such as device name, belonging area, device icon, switch status. Touch the card to perform the operation of on/off RGB lamp and the card style will display the corresponding on/off RGB lamp status. As shown in Fig.4.2.3(1), Fig.4.2.3(2).

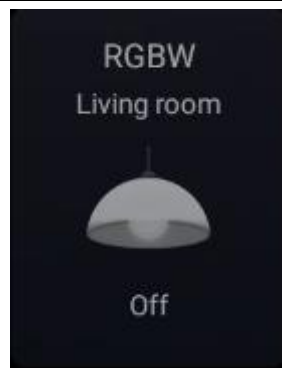
Long press the card or touch the device name area, pop up the detailed operation page, RGB dimming as shown in Fig.4.2.3(3), RGBW dimming as shown in Fig. 4.2.3(4), RGBCW dimming as shown in Fig.4.2.3(5).



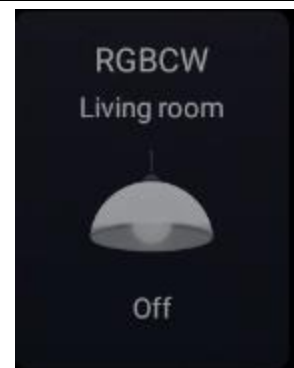
Fig.4.2.3(1) Turn on the RGB lamp



RGB



RGBW



RGBCW

Fig. 4.2.3(2) Turn off the RGB lamp

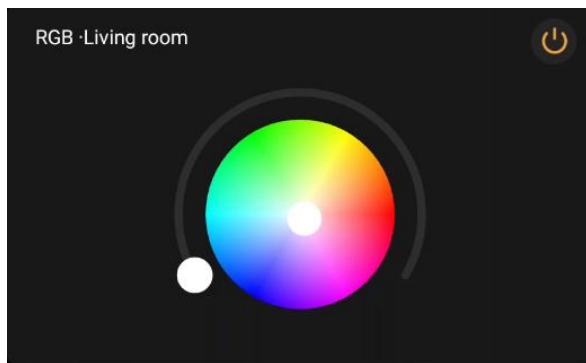


Fig.4.2.3(3) RGB dimming

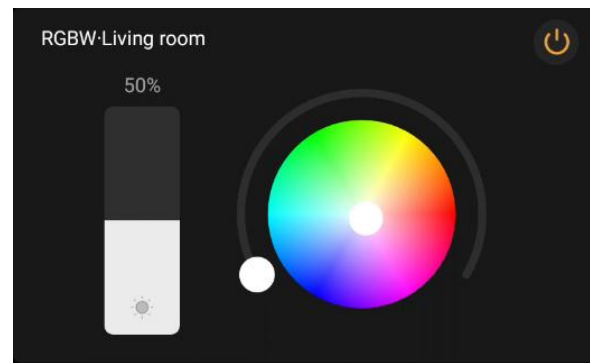


Fig.4.2.3(4) RGBW dimming

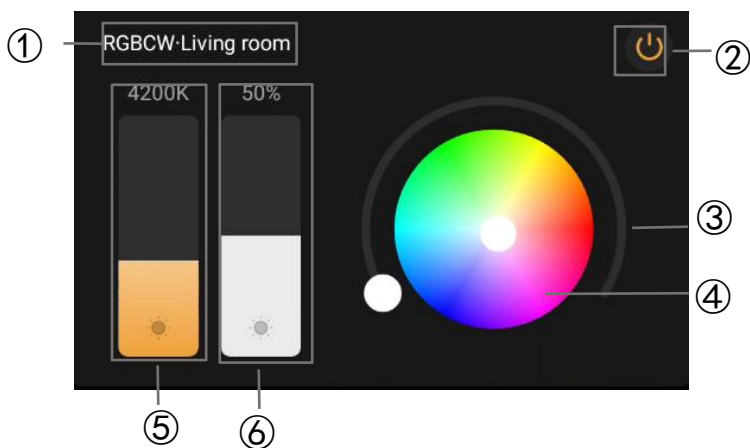


Fig.4.2.3(5) RGBCW dimming

① Displays the device name and belonging area, descriptions can be customized through ETS.

② This icon is a switch button for control on/off the device.

Touch this icon to switch on/off, the lamp is turned on or turn off.

Icon  indicate turn on RGB/RGBW/RGBCW lamp, the screen can be operated.

Icon  indicate turn off RGB/RGBW/RGBCW lamp.

Touch the icon to turn off, the status of different RGB lamps are as follow:

(1) RGB: Colour brightness value (ring slider③) is updated to 0, and the colour palette④ remains the same.

(2) RGBW : Colour brightness value (ring slider③) and white brightness value(slider⑥) are updated to 0, and the colour palette④ remains the same.

(3) RGBCW: Colour brightness value (ring slider③) and colour temperature brightness value(slider⑤) are updated to 0, and the colour palette④ and colour temperature value(ring slider⑤) remain the same.

When RGB or W colour value is not 0 (i. e., ring slider ③ is not slid to the left bottom or slider ⑥ is not slid to the left), icon ② will be on.

③ This ring slider is used to adjust the colour shade of the RGB lamp.

④ This icon is the colour palette.

When RGB dimming function is configured as RGB, devices page as shown in Fig.4.2.3(3). Sliding ring slider ③ to adjust the colour shade of RGB lamp, when ring slider ③ at the left bottom, RGB lamp is completely OFF, at this time, the button ② become gray, but colour palette ④ is operate.

When RGB value of ring slider ③ is not 0, the circular colour palette is for selecting colour, when touch the button ②, RGB lamp off, and ring slider③

automatically slides to the left bottom, button② and card become gray.

When RGB dimming function is configured as RGBW, as shown in Fig.4.2.3(4),the device page is similar to RGB page ,not described here

⑤This ring slider is to adjust the colour temperature of RGB lamp.

colour temperature control page shown as Fig.4.2.3(5), by sliding the ring slider ⑤, he maximum threshold range of colour temperature slider ⑤, and the adjustment range for each touch are configured via ETS.

⑥This slider for adjusting the brightness of white light, sliding the slider to adjust the brightness effect of white light.

When RGB dimming is configured as RGBW or RGBCW,slide the slider ⑥ to adjust the brightness of white light, and the operation is similar to the ring slider ⑤ when slider ③ is slid to the left, which is no longer described herein.

When RGB dimming is configured as RGBCW, the device page is similar to RGB function, shown as Fig.4.2.3(5), but more a brightness and colour temperature slider.

4.2.4. Curtain function

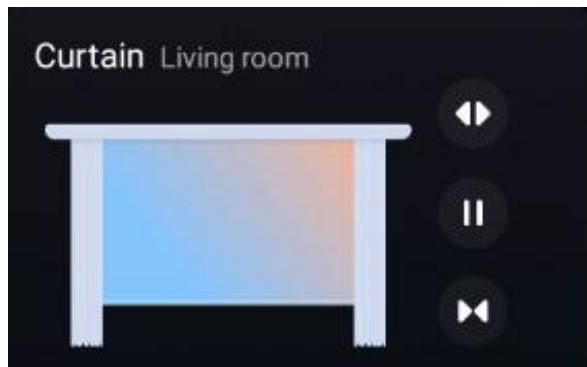
The curtain function card is a 1x1 card with 5 control types: curtain step/move、roller blind step/move、curtain position、roller blind position and Venetian blind position and slat, configured by parameters. In the UI page, the current position status of the curtain with position adjustment is displayed on the icons, which needs to be displayed based on the position of the curtains that is fed back from the curtain actuator received on the bus.

The card displays information such as device name, belonging area, device icon, curtain position.Touch the card to adjust the curtain position and the card

style will display the corresponding curtain position. As shown in Fig.4.2.4(1).

Long press the card or touch the device name area, pop up the detailed operation page, curtain as shown in Fig.4.2.4(2), Fig.4.2.4(3), roller blind as shown in Fig.4.2.4(4),

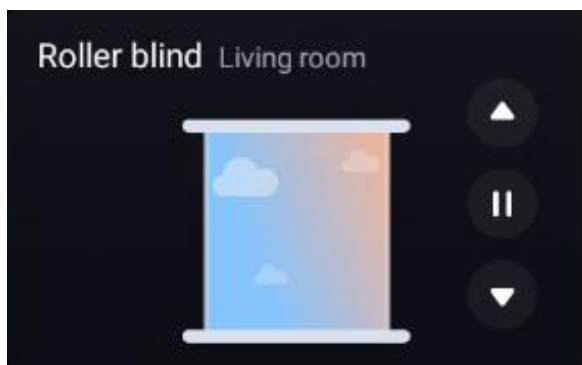
Fig.4.2.4(5), Venetian blind as shown in Fig.4.2.4(6).



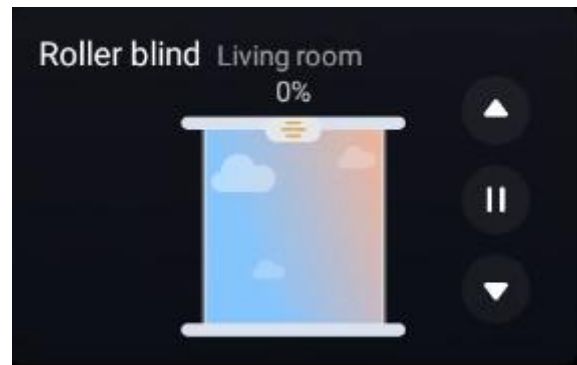
Curtain step/move



Curtain position



Roller blind step/move



Roller blind position



Venetian blind position and slat

Fig.4.2.4(1)

Curtain step/move: supporting to operate by three control button: open curtain, close curtain, stop moving. The control page of Curtain step/move is

shown in Fig.4.2.4(2) below.

Curtain position: supporting to adjust the position of curtain by sliding the icon block in the form of percentage as well as operate by three control button: open curtain, close curtain, stop moving. The control page of Curtain position is shown in Fig.4.2.4(3) below.

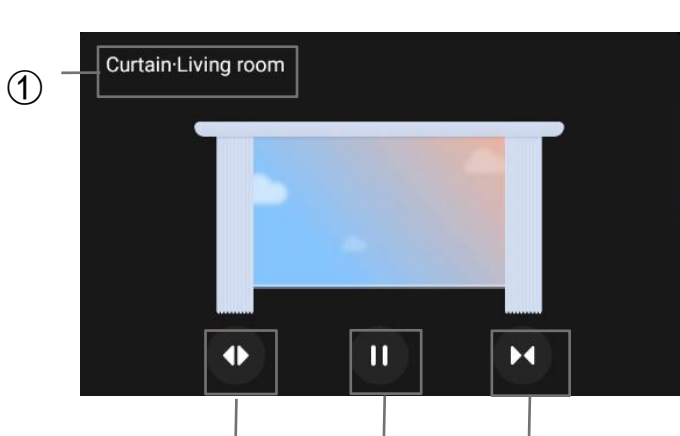


Fig.4.2.4(2) Curtain open/close/move

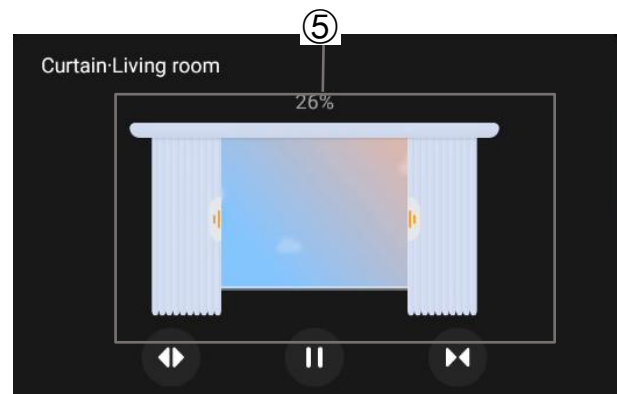


Fig.4.2.4(3) Curtain position

① Displays the device name and belonging area, descriptions can be customized through ETS.

② Touch the icon to open the curtain.

③ Touch the icon to stop moving.

④ Touch the icon to close the curtain.

⑤ Displays and control the curtain position, display the current curtain position in the form of percentage above the icon block.

By sliding the slider ② or touch the icon ②, icon ④ to adjust the position of curtain and icon ④ will dynamically simulate the opening and closing behavior of curtains. At the same time, the status of icon ⑤ will also update according to the curtain position status feedback received from the bus.

Roller blind step/move: supports moving up, moving down and stop moving by manipulating three controlling buttons. The control page of Roller blind step/move function is shown in Fig. 4.2.4(4) below.

Roller Blind position: supporting to adjust the position of blinds by sliding the slider in the form of percentage as well as moving up, moving down and stop moving by manipulating three controlling buttons. The control page of Roller Blind position function is shown in Fig. 4.2.4(5) below.

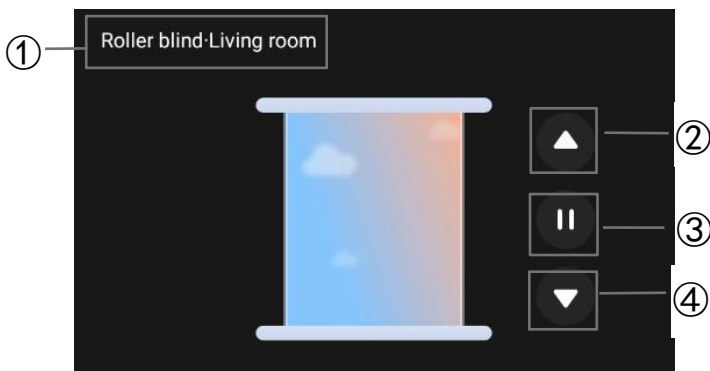


Fig.4.2.4(4) Roller blind step/move

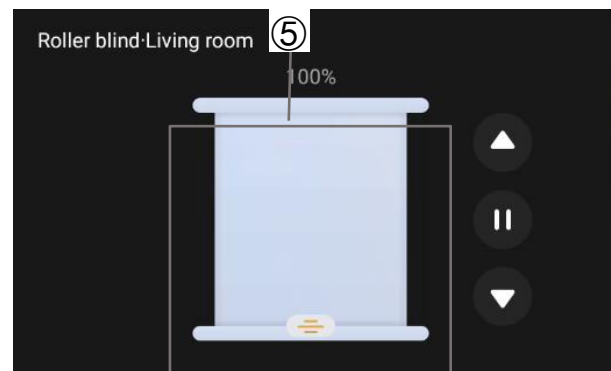


Fig.4.2.4(5) Roller Blind

① Displays the device name and belonging area, descriptions can be customized through ETS.

② Touch the icon to moving up the roller blind.

③ Touch the icon to stop moving.

④ Touch the icon to moving down the roller blind.

⑤ Displays and control the roller position, display the current roller position in the form of percentage above the icon block.

By sliding the roller or touch the icon ②, icon ④ to adjust the position of roller and icon ④ will dynamically simulate the opening and closing behavior of roller. At the same time, the status of icon ⑤ will also update according to the roller position status feedback received from the bus.

Venetian Blinds position and slat: supporting to adjust the position of blind and angle of louver by sliding the slider in the form of percentage as well as operate by three control button: moving up, moving down and stop moving. The control page of Venetian Blinds position and slat function is shown in Fig.4.2.4(6) below.

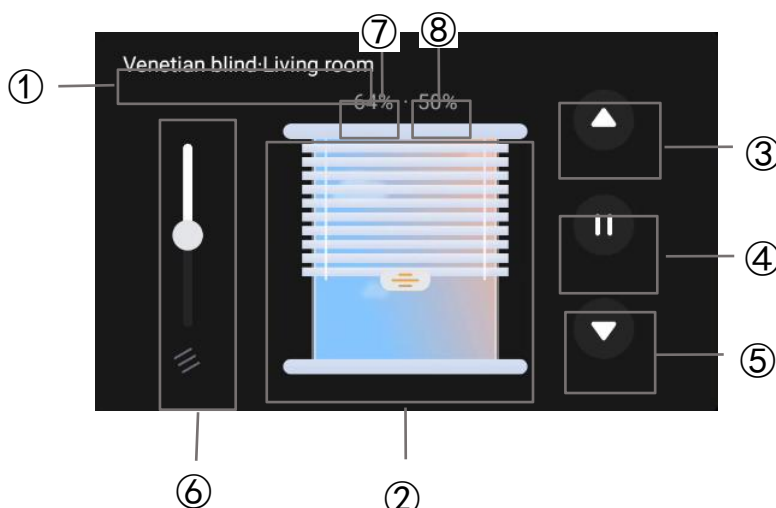


Fig.4.2.4(6) Venetian blinds position and slat

① Displays the device name and belonging area, descriptions can be customized through ETS.

② Displays and control the Venetian blinds position and slat, display the

current Venetian blinds position and slat in the form of percentage above the icon block.

By sliding the Venetian blinds or touch the icon ③, icon ⑤ to adjust the position of Venetian blind and icon ② will dynamically simulate the opening and closing behavior of Venetian blind. At the same time, the status of icon ② will also update according to the Venetian blind position status feedback received from the bus.

③ Short press the icon to moving up the Venetian blinds, long press to stop moving/adjust the Venetian blinds angle up.

④ Touch the icon to stop moving.

⑤ Short press the icon to moving down the Venetian blinds, long press to stop moving/adjust the Venetian blinds angle down.

⑥ This icon is the slider icon of louver angle.

⑦ Display the position of the Venetian blinds as a percentage.

⑧ Displays the slat of the Venetian blinds as a percentage.

4.2.5. Audio control function

Dimming function with 5 control types, including audio control, audio control(with on/off), audio control(play mode), audio control(track information), and audio control(track information & playlist), configured by parameters. You can set the on/off, volume, play mode, and display information of the music device.

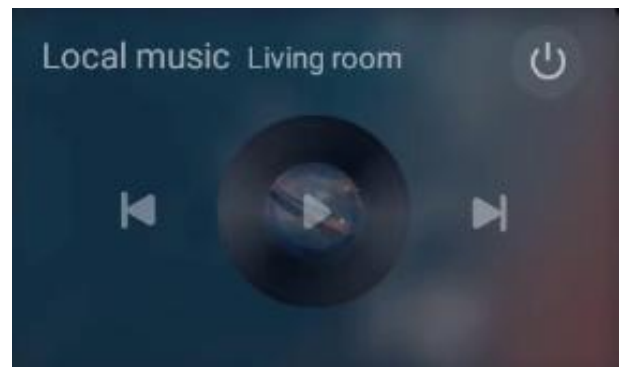
The card displays information such as device name, belonging area, device icon, switch status and track information. Touch the card to turn on/off the music device and switch track and the card style will display the corresponding music

device on/off status and track information. As shown in Fig.4.2.5(1).

Long press the card or touch the device name area, pop up the detailed operation page, audio control as shown in Fig.4.2.5(2), audio control(with on/off) as shown in Fig.4.2.5(3), audio control(play mode) as shown in Fig.4.2.5(4), audio control(track information) as shown in Fig.4.2.5(5), audio control(track information & playlist) as shown in Fig.4.2.5(6).



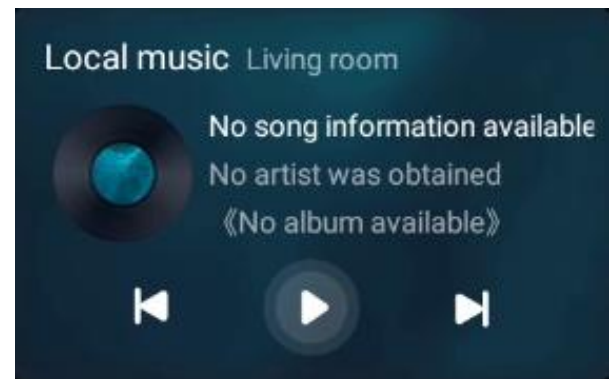
Audio control



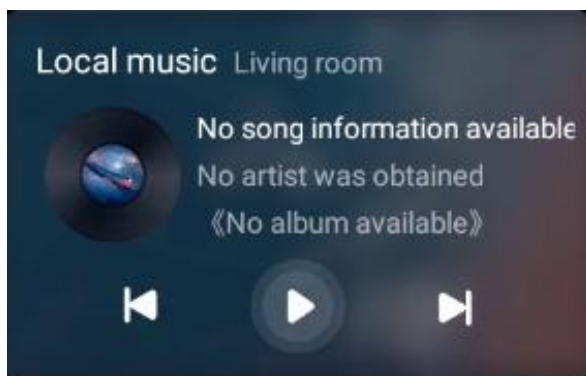
Audio control(with on/off)



Audio control(play mode)



Audio control(track information)



Audio control(track information & playlist)

Fig.4.2.5(1)

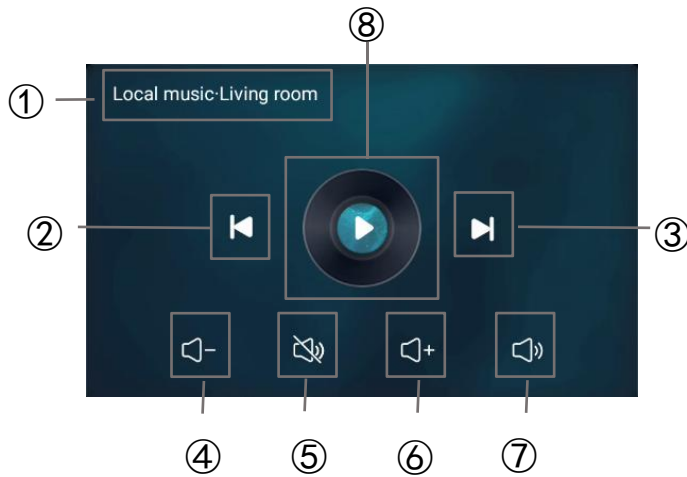


Fig.4.2.5(2) Audio control

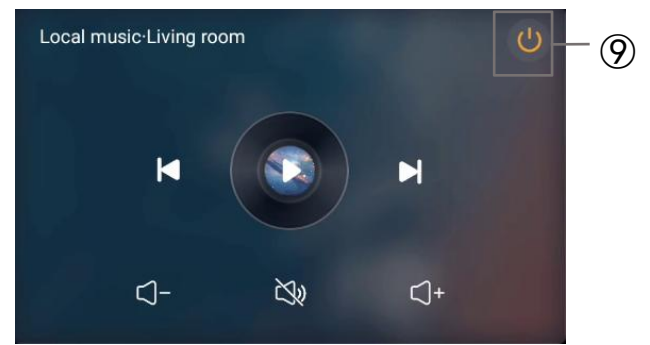


Fig.4.2.5(3) Audio control(with

on/off)



Fig.4.2.5(4) Audio control(play mode)

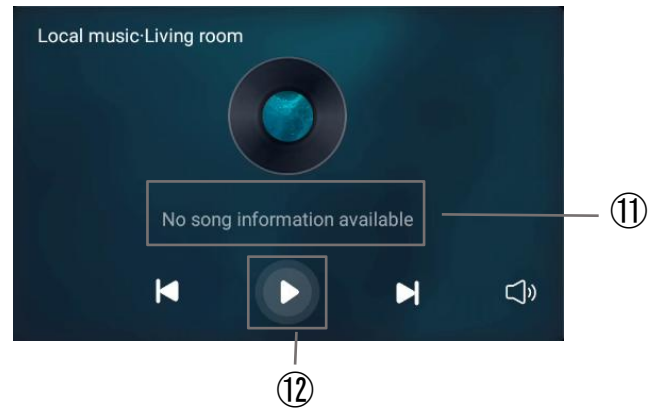


Fig.4.2.5(5) Audio control(track

information)

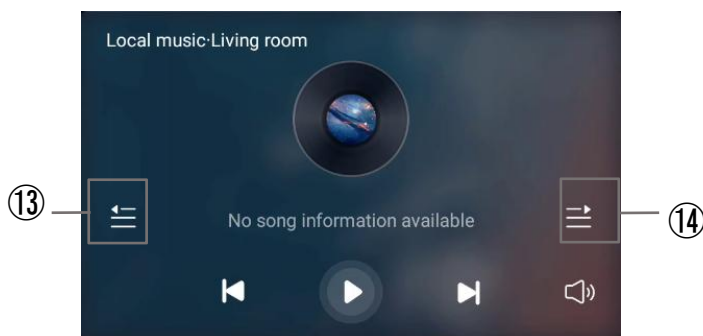


Fig.4.2.5(6) Audio control(track information & playlist)

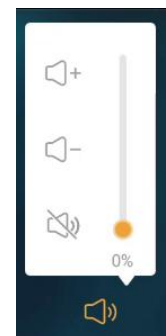


Fig.4.2.5(7)

① Displays the device name and belonging area,descriptions can be customized through ETS.

②Select previous track by touching this icon.

③Select next track by touching this icon.

④This icon is for volume decreasing.

⑤Mute or exit mute by touch this icon.

Mute function can be enabled via the parameter configuration. When mute function is disabled, there would be no mute icon.

⑥This icon is for volume increasing.

⑦Touch on this icon brings up a sub-window, as shown in Fig.4.2.5(7). The volume level can be adjusted by sliding the volume slider or touch the icon.

⑧Display audio music play status.

Icon  indicate play audio music. Icon  indicate pause audio music.

⑨This icon is ON/OFF button for the power on/off of audio control.

Icon  indicate power on, the screen can be operated.

Icon  indicate power off, the screen can not be operated, except for the power icon.

⑩Switch audio music play mode by touching this icon.

Icon  indicate to play in single cycle. Icon  indicate to play in list cycle.

Icon  indicate to play in order. Icon  indicate to play in random.

This icon is displayed when the parameter function is selected "with play mode".

⑪Displays the song name, artist name, and album name, configurable via parameters.

This area is displayed when the parameter function is selected "with track information".

⑫ Play or pause song by touching this icon.

Icon  indicate play audio music. Icon  indicate pause audio music.

⑬ Select previous playlist by touching this icon.

This icon is displayed when the parameter function is selected "with playlist".

⑭ Select next playlist by touching this icon.

This icon is displayed when the parameter function is selected "with playlist".

4.2.6. Environment function

Environment function card displays information such as device name, belonging area, device icon, detection value and the corresponding unit, as shown in Fig.4.2.6. The card's icon, air quality level range and display color can be configured through the ETS.

The range of air quality values for different devices is:

Temperature: -40~99 °C

Humidity: 0~100 %

PM2.5: 0~999 ug/m3

PM10: 0~999 ug/m3

VOC: 0~999 ug/m3

AQI: 0~500

CO2: 0~4000 ppm

Brightness: 0~50000 lux

Wind: 0~50 m/s or 0~150km/h

The displayed data are usually provided by other external sensors on the system.



Fig.4.2.6 Environment function

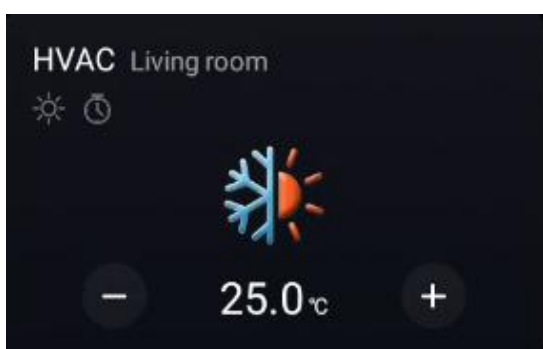
4.2.7. Room temperature unit control function

Room temperature unit control function with 6 control types, including room temperature unit, room temperature unit (with on/off), room temperature unit (with operation mode), room temperature unit (with on/off & operation mode), room temperature unit (with operation mode & fan speed), room temperature unit (with on/off & operation mode & fan speed), configured by

parameters. You can set the on/off, temperature, fan speed, room mode and timer of the room temperature unit control.

The card displays information such as device name, belonging area, function icon, device icon, switch status and temperature information. Touch the card can turn on/off the room temperature unit control, adjustment the temperature and the card style will display the corresponding room temperature unit control on/off status and temperature information. As shown in Fig.4.2.7(1).

Long press the card or touch the device name area, pop up the detailed operation page, room temperature unit control as shown in Fig.4.2.7(2),



Room temperature unit



With on/off



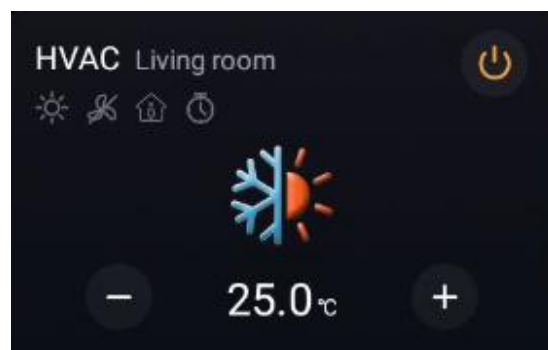
With operation mode



With on/off & operation mode



With operation mode & fan speed



With on/off & operation mode & fan

speed

Fig.4.2.7(1)



Room temperature unit



With on/off



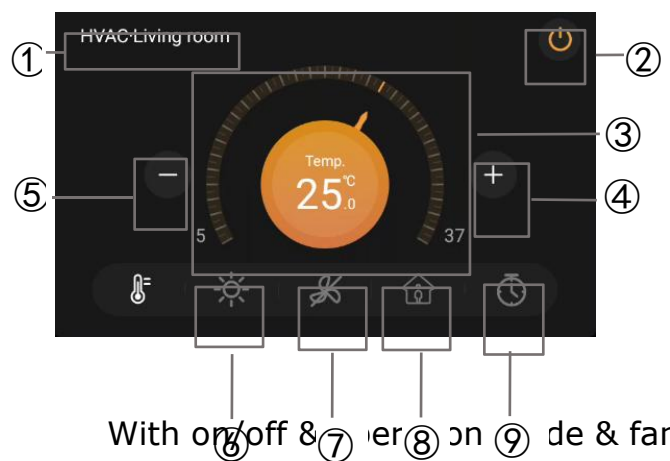
With operation mode



With on/off & operation mode



With operation mode & fan speed



With on/off & operation mode & fan speed

Fig.4.2.7(2) Room temperature unit control function

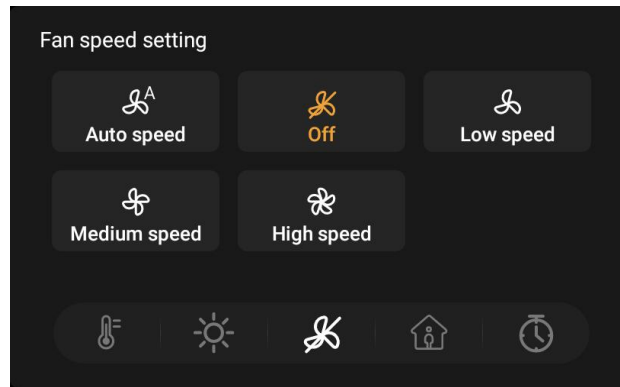


Fig4.2.7(3) Wind speed setting

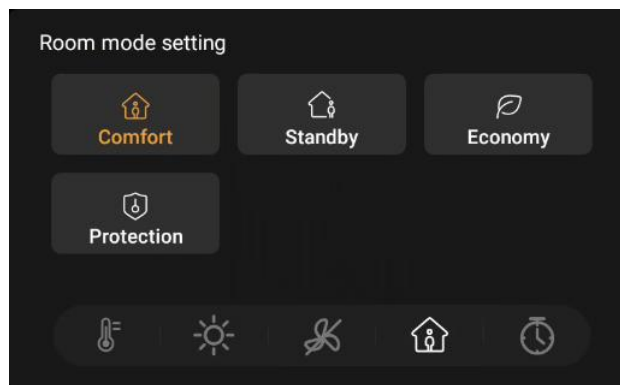


Fig.4.2.7(4) Room mode setting

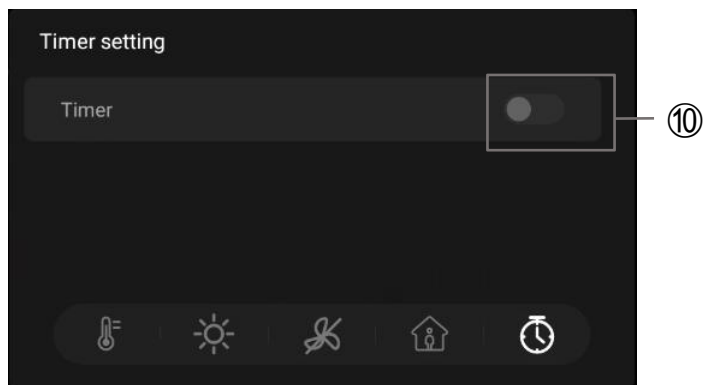
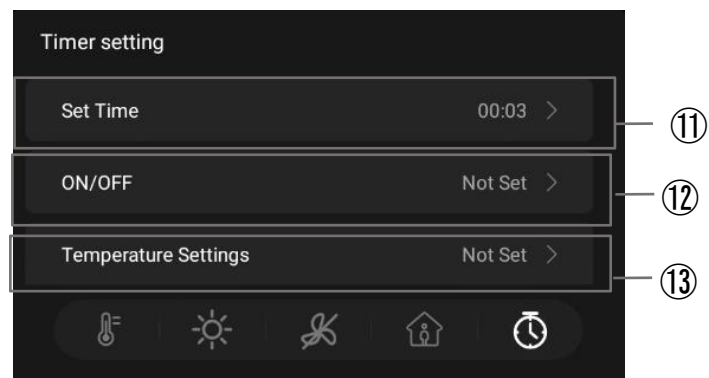


Fig.4.2.7(5)



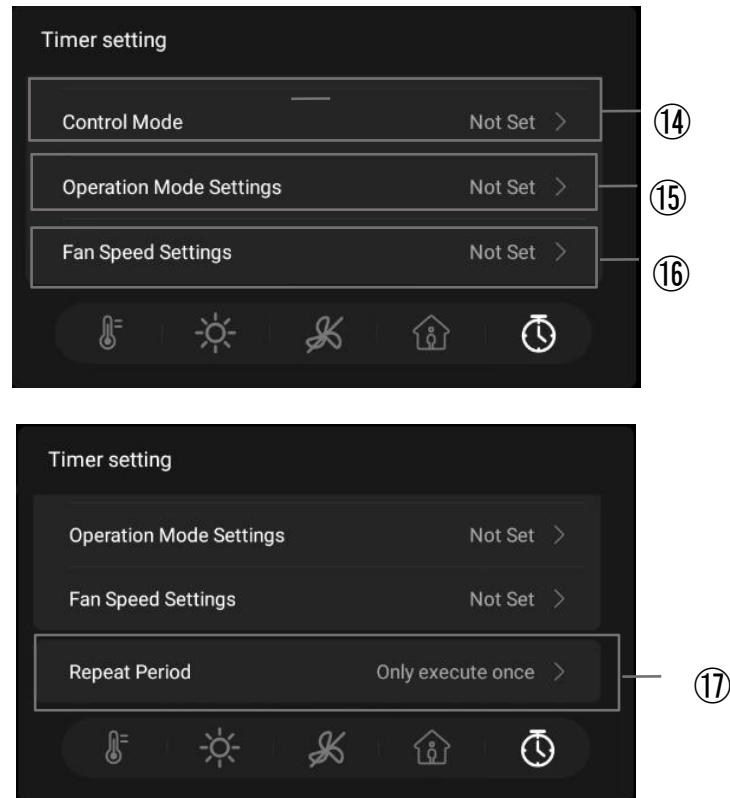


Fig.4.2.7(6) Schedule setting

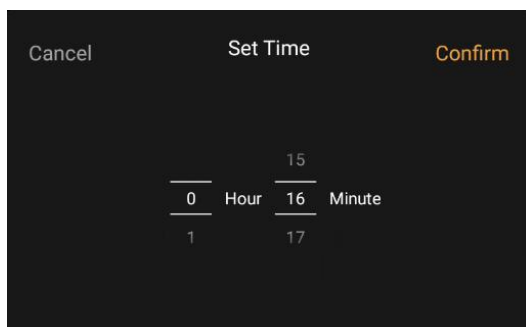


Fig.4.2.7(7)



Fig.4.2.7(8)

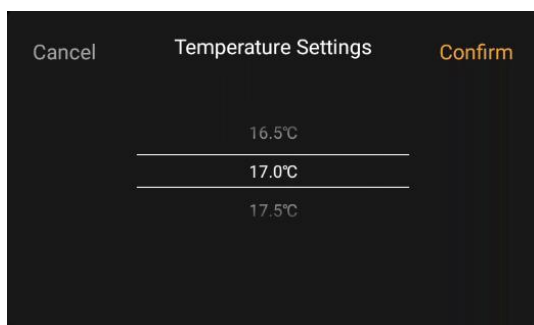


Fig.4.2.7(9)

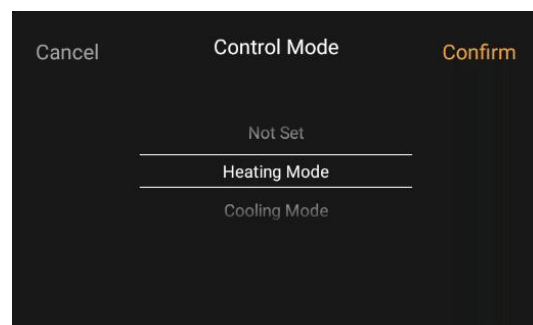


Fig.4.2.7(10)



Fig.4.2.7(11)

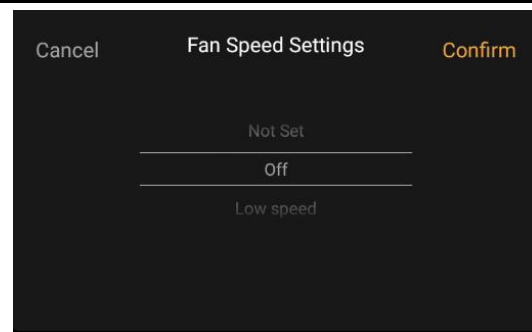


Fig.4.2.7(12)

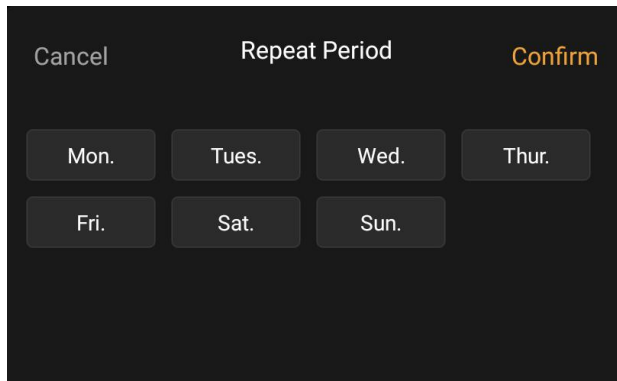


Fig.4.2.7(13)

① Displays the device name and belonging area, descriptions can be customized through ETS.

② This icon is ON/OFF button for the power on/off of room temperature unit control.

Icon  indicate power on, the screen can be operated.

Icon  indicate power off, the screen can not be operated, except for the power icon.

③ Displays ambient temperature or setpoint temperature.

④ The function of this icon is to increase the temperature.

⑤ The function of this icon is to decrease the temperature.

Adjusting the temperature by sliding the ring slider ③ or touching the icon

④ and icon ⑤. For each touching of icon ④ and icon ⑤, the adjustment range is

0.5 or 1 degrees according to parameters setting. When the setting temperature unit is set to degrees Celsius(°C), adjustment range of the setting temperature is 5~37°C by default. when the setting temperature unit is set to Fahrenheit(°F), the current temperature value will automatically convert to Fahrenheit value, adjustment range of the setting temperature is 41~104°F by default. The temperature adjustment range can be modified through parameter setting.

Ambient temperature is displayed according to the parameter configuration. Temperature detected by internal sensor or external sensor can be displayed through configuration. When internal and external sensor both occur fault, display "--.°".

Display ambient temperature or setpoint temperature on the screen, which is defined via ETS. Auto change to setpoint temperature when operation temperature decrease/increase, no action after 3 seconds, return to ambient temperature.

⑥ This icon is the Heating/Cooling icon, for heating and cooling switching.

This icon can be displayed individually as heating or cooling by parameter configuration.

Control mode of RTC is configured by ETS, when it is "Heating and Cooling", you can change mode on the screen, otherwise fix to heating or cooling mode.

⑦ Enter the fan speed setting by touching this area, and will pop up a sub-window shown as Fig.4.2.7(3).

This window shows up to 5 options of fan speed: auto speed, off, low, medium and high speed. Select one of these options then touch the area outside the sub-window to return the previous level page. Under the auto fan speed, there would be no specific fan speed shown on the page; the auto fan speed can be disable or enable by parameter configuration, when disable, there would be no Auto option on the window.

Fan speed adjustment of RTC set to be disable or enable through parameter configuration. When disable, there would be no fan speed function shown as

Fig.4.2.7(3) on the page; when enable, fan speed can be adjusted.

This icon is displayed when the parameter function is selected with "fan speed".

⑧ Enter the room mode setting by touching this area, and will pop up a sub-window shown as Fig.4.2.7(4).

This window shows up to 4 options of mode: Comfort, Standby, Economy and Protection, select one of these options then touch the area outside the sub-window to return to the previous level page.

This icon is displayed when the parameter function is selected "with operation mode".

Note: ① When the setting temperature for operation mode is configured as relative adjustment, the adjustment of setting temperature under the protection mode only acts on the protection mode, for other modes, relative change of temperature adjustment are able to act on all modes (except the setting temperature of protection mode).

② When the setting temperature for operation mode is configured as absolute adjustment, the adjustment of setting temperature only acts on the current operating mode.

When change to protection mode, the ring slider displays gray, the ring slider and increase/decrease icon all can not be operated, that is, you can not change setpoint temperature at this time, as shown in Fig.4.2.7(14).



Fig.4.2.7(14)

⑨ Enter the schedule setting by this area, and will pop up a sub-window shown as Fig.4.2.7(5). You can select the week, hour, minute and other RTC operation. Touch the area outside the sub-window to return to the previous level page after finishing configuration.

Schedule function can be enabled via the parameter configuration. When schedule function is disabled, there would be no schedule icon as shown as Fig.4.2.7(2) on the page. when enabled, schedule can be configured.

Only support to one schedule. Power on/off or call the scene function that configured by RTC, can not inactive schedule function.

Note: In the off status, if schedule function is set to send a setpoint temperature, the temperature is sent along with a power on command to bus when the schedule arrives.

⑩ Touch this icon to active/inactive timer function .

Icon ⑩ on indicates timer active. icon ⑩ off indicates timer inactive. The timer function is active, touch will pop up a sub-window shown as Fig..4.2.7(6).

When the timer function is active, the following option fields are visible:

⑪ Touch will pop up a sub-window shown as Fig..4.2.7(7) and sliding the number to choose the date and time for schedule.

⑫ Touch will pop up a sub-window shown as Fig..4.2.7(8) and Sliding to choose the RTC status for schedule, you can choose on, off, or not set.

⑬ Touch will pop up a sub-window shown as figure.4.2.7(9) and Sliding to choose the RTC temperature for schedule, you can choose not set or 5°C-37°C.

⑭ Touch will pop up a sub-window shown as figure.4.2.7(10) and Sliding to choose the RTC control mode for schedule, you can choose not set, heating mode or cooling mode.

⑮ Touch will pop up a sub-window shown as figure.4.2.7(11) and Sliding to

choose the RTC operation mode for schedule, you can choose not set, comfort mode, standby mode, economy or protection mode.

⑩Touch will pop up a sub-window shown as figure.4.2.7(12) and Sliding to choose the RTC fan speed for schedule, you can choose not set, auto, off, low speed, medium speed and high speed.

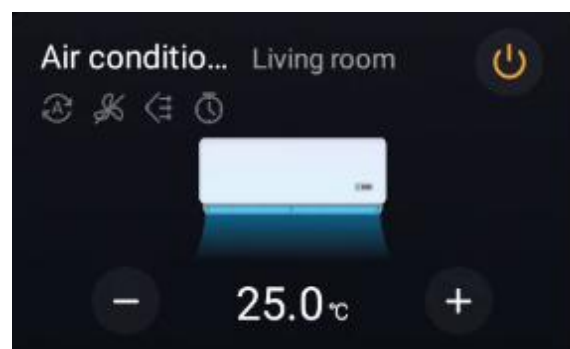
⑪Touch will pop up a sub-window shown as figure.4.2.7(12) and choose from Monday to Sunday of the week for timer.

4.2.8. Air conditioner control function

Air conditioner control function with 2 control types, including air conditioner and air conditioner(with swing), configured by parameters. You can set the on/off, temperature, working mode, fan speed, wind direction and timer of the Air conditioner.

The card displays information such as device name, belonging area, function icon, device icon, switch status and temperature information. Touch the card can be turn on/off the air conditioner, adjustment the temperature and the card style will display the corresponding air conditioner on/off status and temperature information. As shown in Fig.4.2.8(1).

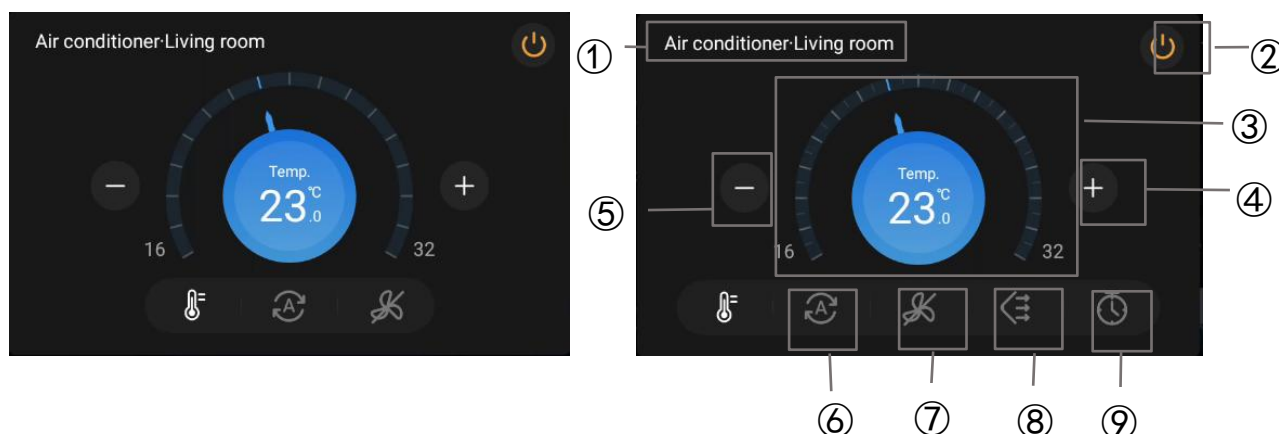
Long press the card or touch the device name area, pop up the detailed operation page, air conditioner as shown in Fig.4.2.8(2).



Air conditioner

Air conditioner(with swing)

Fig.4.2.8(1)



Air conditioner

Air conditioner(with swing)

Fig.4.2.8(2) Air conditioner function

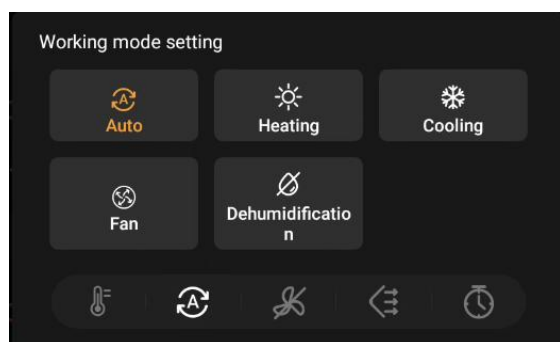


Fig.4.2.8(3)

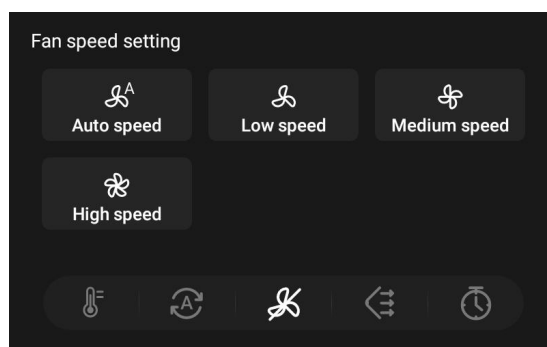


Fig.4.2.8(4)

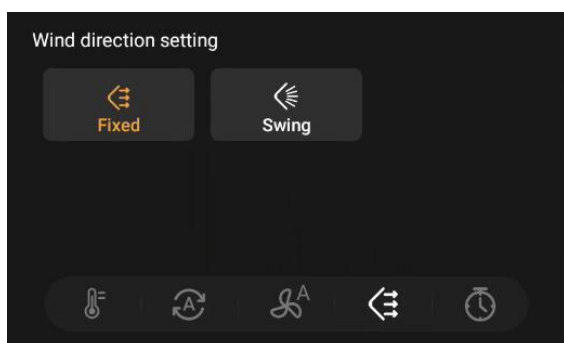


Fig.4.2.8(5)

① Displays the device name and belonging area, descriptions can be customized through ETS.

② This icon is ON/OFF button for the power on/off of air conditioner control.

Icon  indicate power on, the screen can be operated.

Icon  indicate power off, the screen can not be operated, except for the power icon.

The status of power ON mode, Fan speed, and setpoint temperature is the status before power OFF. The Air Conditioner control page will recover to the status before voltage failure.

③ Displays setpoint temperature.

④ The function of this icon is to increase the temperature.

⑤ The function of this icon is to decrease the temperature.

Adjusting the temperature by sliding the ring slider ③ or touching the icon ④ and icon ⑤. For each touching of icon ④ and icon ⑤, the adjustment range is 0.5 or 1.0 degrees according to parameters setting. When the setting temperature unit is set to degrees Celsius(°C), adjustment range of the setting temperature is 16~32°C by default. when the setting temperature unit is set to Fahrenheit(°F), the current temperature value will automatically convert to Fahrenheit value, adjustment range of the setting temperature is 61~90°F by default. The temperature adjustment range can be modified through parameter setting.

The ambient temperature is displayed according to the parameter configuration. Temperature detected by internal sensor or external sensor can be displayed through configuration.

⑥ Enter the work mode setting by touching this area, and will pop up a sub-window shown as Fig. 4.2.8(3).

This sub-window shows up to 5 options of air conditioner mode: auto, heating,

cooling, fan and dehumidification. Select one of these options then touch the area outside the sub-window to return to the previous level function page.

Each mode set to be disabled or enabled independently by the parameters configuration. When a mode is disabled, there will be no corresponding item is shown on the page; when enabled, support to operate the mode.

⑦ Enter the fan speed setting by touching this area, and will pop up a sub-window shown as Fig. 4.2.8(4).

This window shows up to 4 options of fan speed: auto speed, low, medium and high speed. Select one of these options then touch the area outside the sub-window to return the previous level page. Under the auto fan speed, there would be no specific fan speed shown on the page; the auto fan speed can be disable or enable by parameter configuration, when disable, there would be no Auto option on the window.

Fan speed adjustment of RTC set to be disable or enable through parameter configuration. When disable, there would be no fan speed function shown as Fig. 4.2.8(4) on the page; when enable, fan speed can be adjusted.

⑧ Enter to the wind direction setting by touching this tile, and will pop up a sub-window shown as Fig. 4.2.8(5);

Wind direction setting is used to switch the working mode of wind direction, and there are two modes: fixed and swing. Select one of these options then touch the area outside the sub-window to return to the previous level page.

This icon is displayed when the parameter function is selected "with swing".

⑨ Touch this icon to active/inactive timer function .

Timer function can be enabled via the parameter configuration. When timer function is inactive, there would be no timer icon as shown as Fig. 4.2.8(2) on the page. when active, timer can be configured.

Note: The air conditioner control timer function operates similarly to the room temperature control unit, there will not be repeated here.

4.2.9. Ventilation system control function

Ventilation system control function with 2 control types, including Ventilation system (with auto fan speed) and Ventilation system, configured by parameters. You can set the on/off, heat recovery, filter life and wind speed of the Ventilation system control.

The card displays information such as device name, belonging area, switch status, function icon and device icon. Touch the card can be turn on/off the Ventilation system control, adjustment wind speed and the card style will display the corresponding air conditioner on/off status and temperature information. As shown in Fig.4.2.9(1), Fig.4.2.9(2).

Long press the card or touch the device name area, pop up the detailed operation page, Ventilation system control as shown in Fig.4.2.9(3), Fig.4.2.9(4).

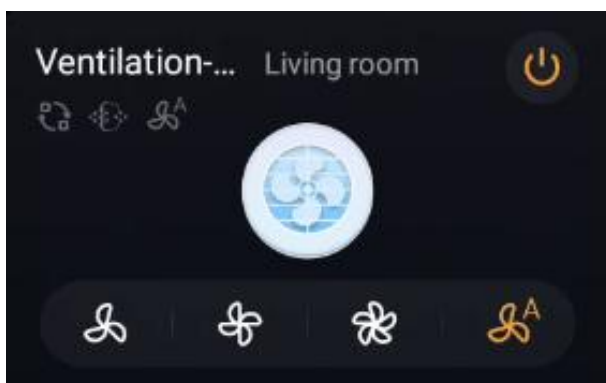


Fig.4.2.9(1)

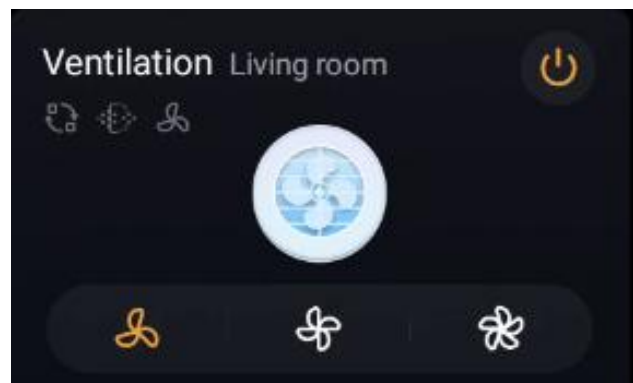


Fig.4.2.9(2)

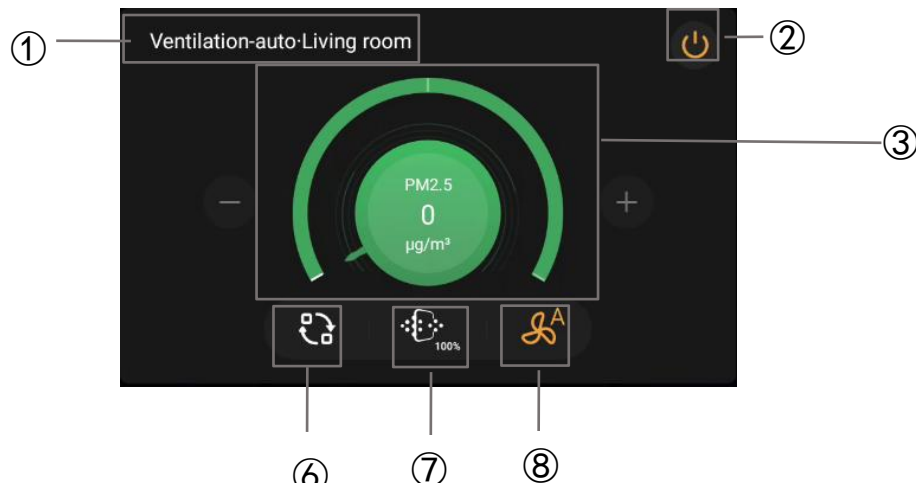


Fig.4.2.9(3) Ventilation system(with auto fan speed)

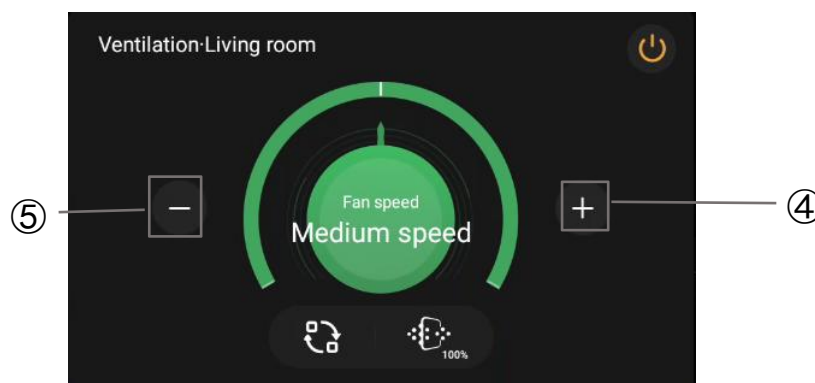


Fig.4.2.9(4) Ventilation system

① Displays the device name and belonging area, descriptions can be customized through ETS.

② This icon is ON/OFF button for the power on/off of ventilation system control.

Icon  indicate power on, the screen can be operated.

Icon  indicate power off, the screen can not be operated, except for the power icon.

The initial state of power is defined according to the parameters.

③ Displays the concentration of CO₂/PM_{2.5}/VOC. Only when auto fan speed control of ventilation system is enable would this page display,

CO₂ concentration, according to the value received from the bus, range 0~4000ppm; if the data exceed 4000ppm, then the page will display 4000ppm.

PM2.5 concentration, according to the value received from the bus, range 0~999ug/m³; if the data exceed 999ug/m³, then the page will display 999ug/m³.

VOC concentration, according to the value received from the bus, range 0~4000ppm; if the data exceed 4000ppm, then the page will display 4000ppm.

④The function of this icon is to increase the fan speed level.

⑤The function of this icon is to decrease the fan speed level.

When fan speed is not configured as auto, by touching icon ④ and icon ⑤ to adjust fan speed, for each touch of icon ④ and icon ⑤ to adjust one level, there are 3 modes of fan speed: Low, Medium and High. At this time, the adjustment is manually, not automatically according to the concentration of CO₂, PM2.5 or VOC.

⑥ This is the heat recovery icon, used to active/inactive heat recovery function.

Whether heat recovery function of ventilation system is enable or not is configured through parameter configuration. When disable, there will be no display of heat recovery function on the page as shown in Fig. 4.2.9(3); when enable, the heat recovery function can be active/inactive by touching icon ⑥. The icon on indicates that the heat recovery is active; the icon off indicates that the heat recovery is inactive. In addition, heat recovery function can be active/inactive through the bus. And there would be no responding after enable heat recovery function.

⑦This icon is the filter timer icon.

Whether the filter timer counter function is enable or not is configured through parameter configuration. When disable, there will be no display of filter timer counter function on the page as shown in Fig.4.2.9(3); when enable, icon

⑥ will be high brightness after ventilation system ON, the remaining evaluation value will be displayed next to it. The value will be updated according to the use time, which will be updated through the bus.

The service life of the filter set by the parameter configuration. When the filter time reaches to the parameter setting value, the alarm state can be issued through the bus, and the remaining filter timer value can be displayed to be 0%. When touch icon ⑦, the filter time can be reset, as shown in Fig.4.2.9(5) below. After clicking "Confirm", the filter timer value can be reset to 100%.

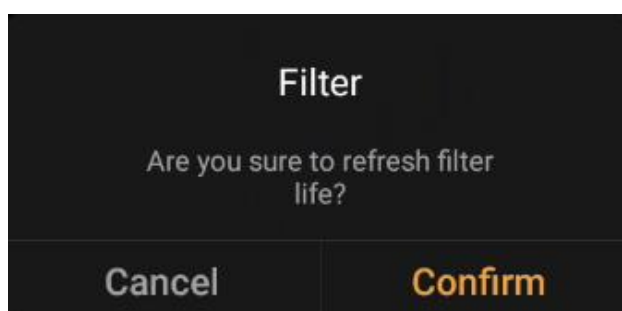


Fig.4.2.9(5)

⑧Active/inactive auto fan speed function by touching this icon.

when enable, active or inactive the function by touching icon ⑧. Icon on indicates active the auto fan speed; icon off indicates inactive auto fan speed. When enable, the fan speed level is calculated from the concentration of CO2 or PM2.5, and updated to ring bar ③ to display current fan speed. In addition, also you can enable or disable auto fan speed function by the bus, touch icon ⑧ is no response when disable.

This icon is displayed when the parameter function is selected "with auto fan speed".

Note: when manually operate icon ④ and ⑤ to adjust fan speed level, it links to exit Auto function, that is the Auto icon should display Off status and the object should send a telegram to cancel auto.

4.2.10. Energy metering value display function

Energy metering function with 6 control types, including energy metering(power & energy), energy metering(power & energy & current), energy metering(power & energy & current & voltage), configured by parameters. The card displays information such as device name, belonging area, device icon, power, energy, current and voltage value. These data can be updated and displayed through the bus, such as Switch Actuator with Current Detection can provide the present value of current, power or energy consumption, as shown in Fig.4.2.10(1), Fig.4.2.10(2), Fig.4.2.10(3).



Fig.4.2.10(1) Power & Energy



Fig.4.2.10(2) Power & Energy &

Current



Fig.4.2.10(3) Power & Energy & Current & Voltage

4.2.11. Sensor function

The card displays information such as device name, belonging area, device

icon and switch state. User can view the status of the sensor in real time. The triggered status and non-triggered status display content can be configured by ETS, not exceeding 14 bytes. As shown in Fig.4.2.11.

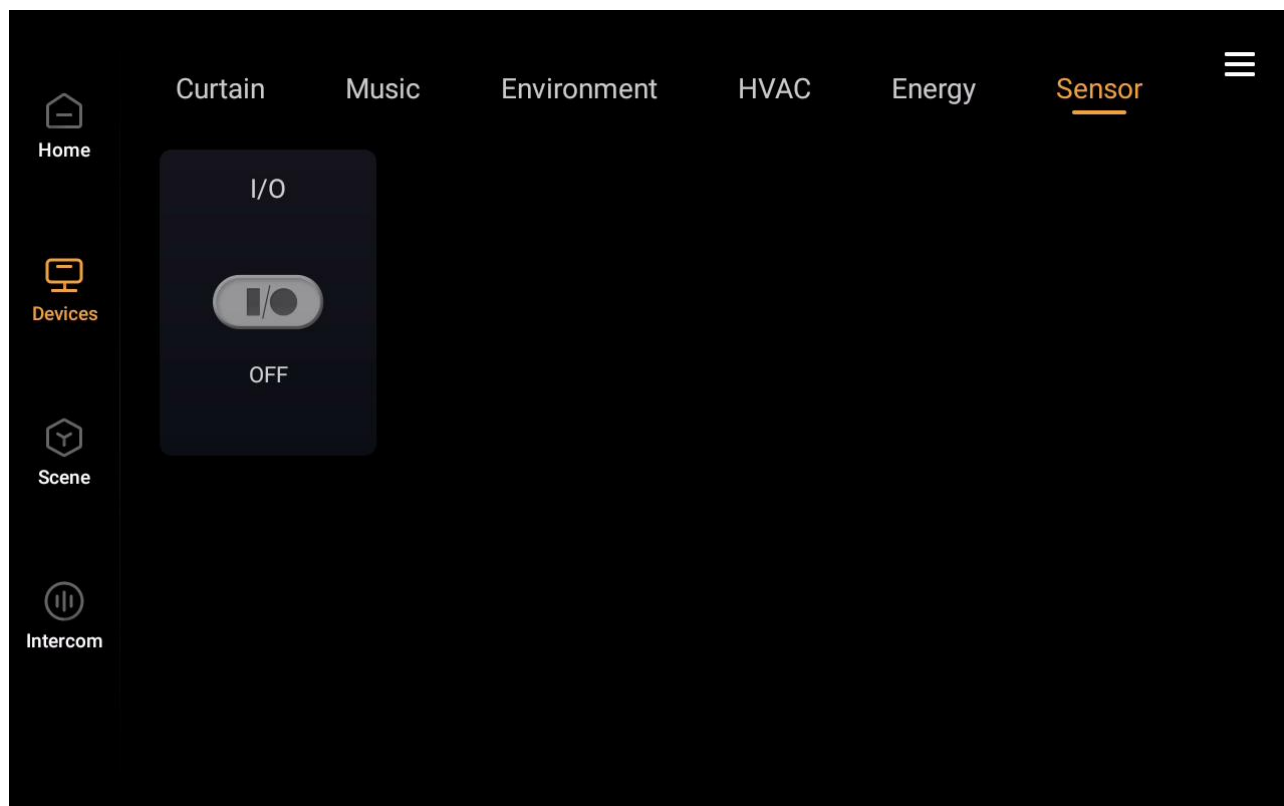


Fig.4.2.11 Sensor

4.2.12. Value sender function

By touching the icon, the device will send the corresponding telegram to the bus, and the icon will shake. If long operation is set, the long/ short operation of the icon will send the corresponding setting value. When in short press operation, the control telegram will be triggered when touch the icon, and if the long operation is enabled, only after the fixed time of the long operation (the default is 500ms) will the control telegram be triggered.

Chapter 5 Scene

5.1. Scene page

- (1) The scene page is shown in Fig.5.1. This page display all the scene cards and the scene functions can be configured in the APP, including the scene name, associated rooms, and background image.
- (2) By touch the icon, the device sends the corresponding scene telegram to the bus If long operation is set, short pressing the icon for the scene recall, long pressing the icon for the scene store.

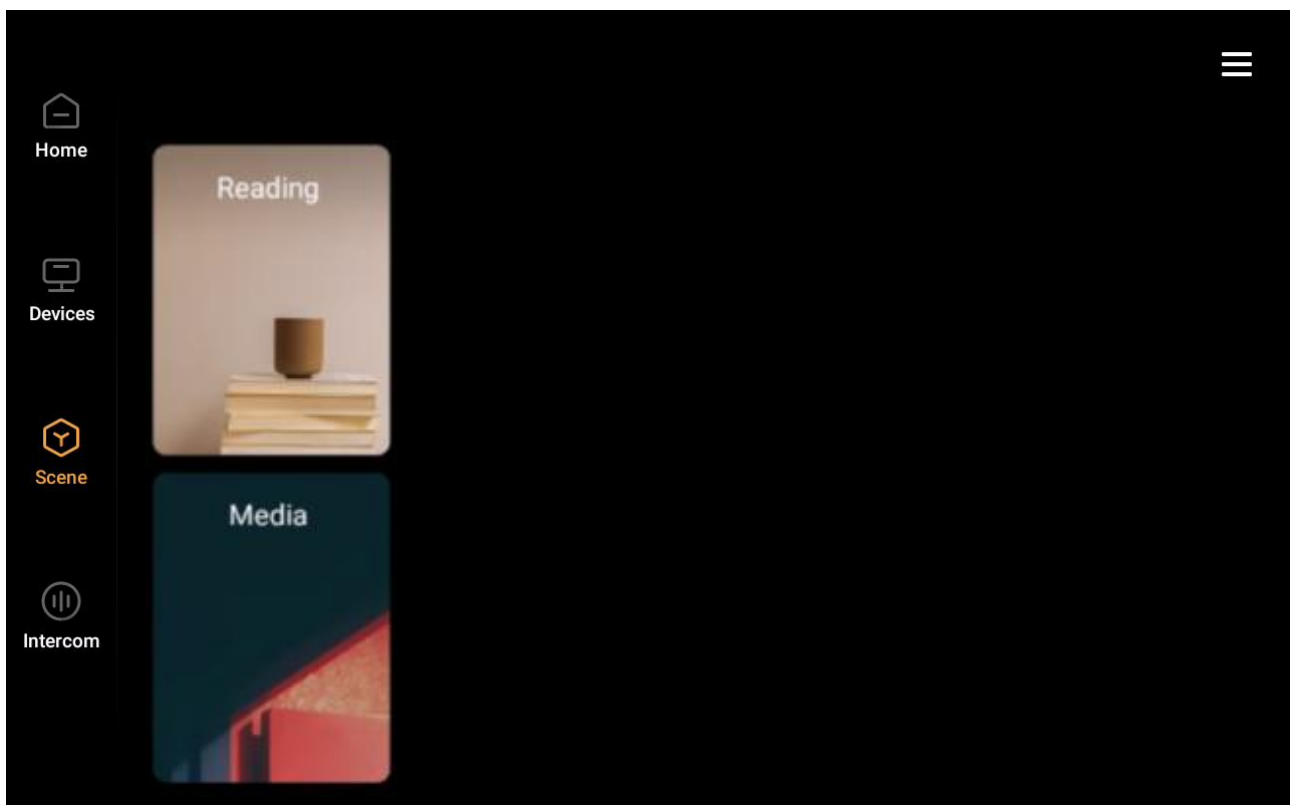
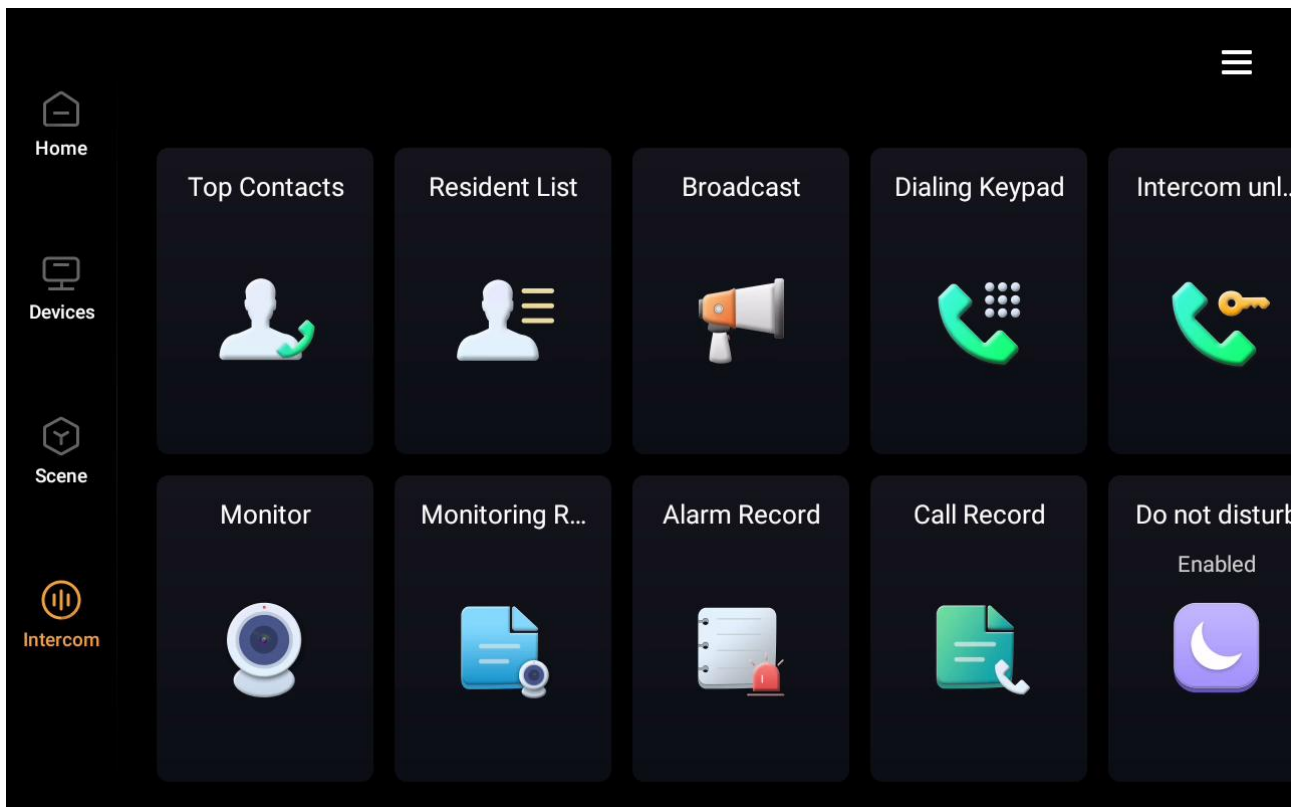


Fig.5.1 Scene page

Chapter 6 Intercom

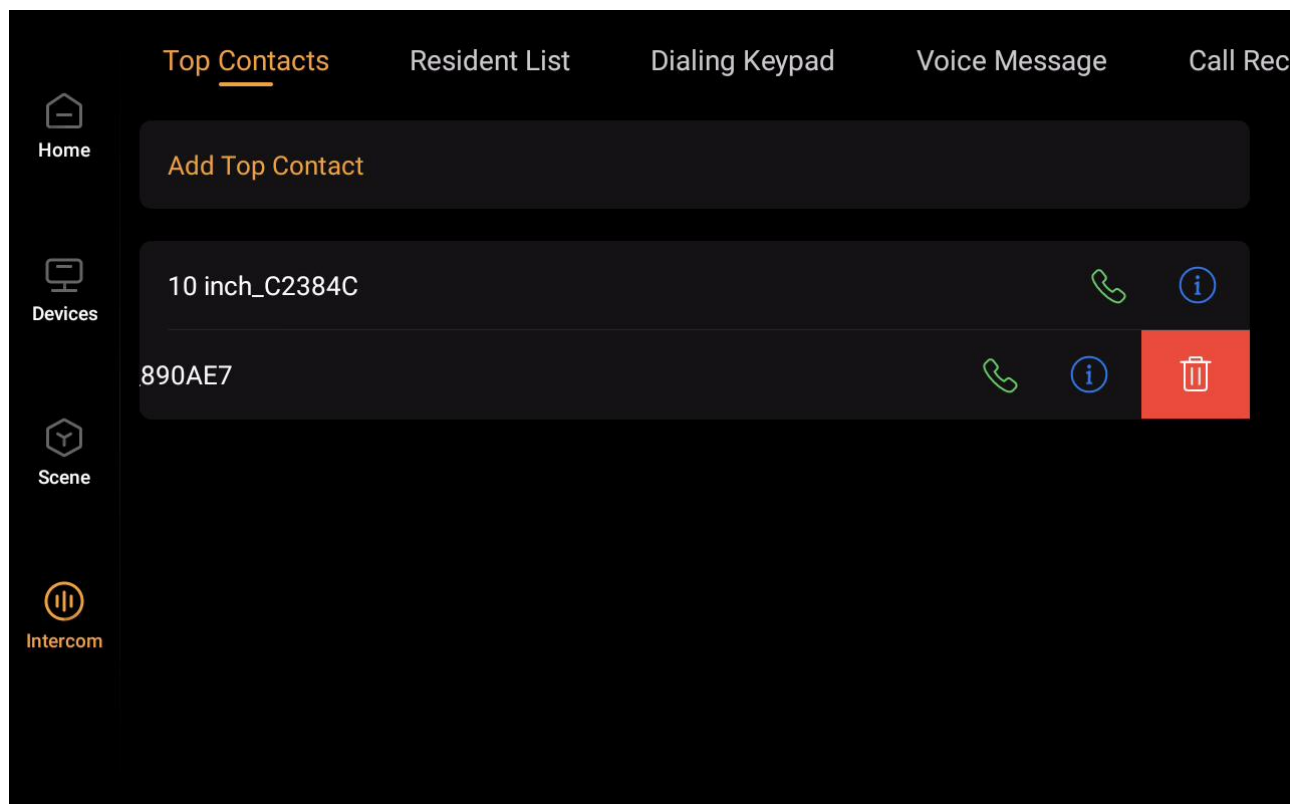
The intercom functions include: top contacts, resident list, broadcast, dialing keypad, intercom unlock, voice message, SOS, monitor, monitoring record, alarm record, call record, do not disturb, arm/disarm, and latest news.

Touch the card to enter the corresponding function control page

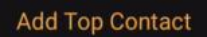


Intercom

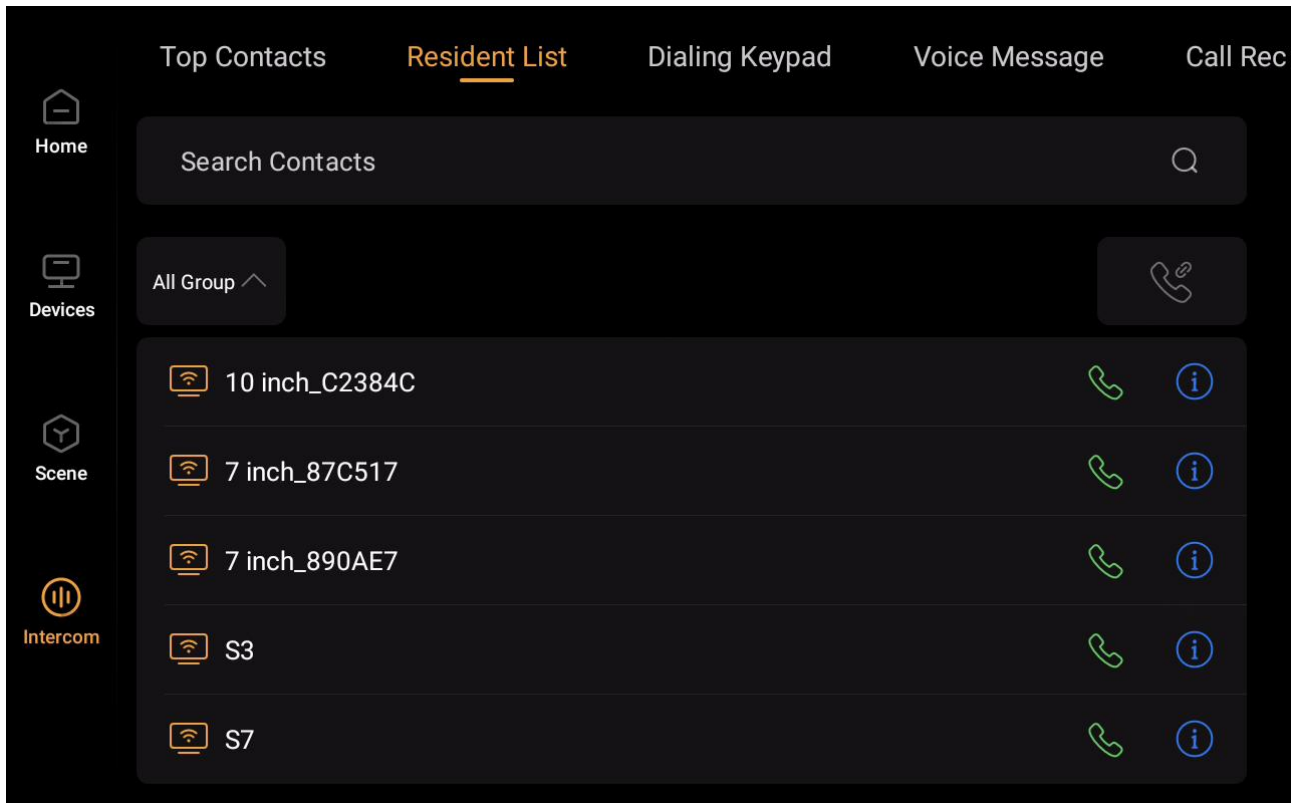
6.1. Top Contacts



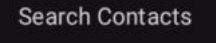
Top Contacts

- (1) Add top contact: Touch  to pop up sub-window. Search contacts and confirm to add top contacts.
- (2) Call: Touch , call this contact and enter the call out page.
- (3) Detail: Touch  to enter the contact info page. You can view user information, such as the SIP account, remarks name, and remove from top contact, block caller, delete contact. If the device has access control functionality, you can also set the unlock passwords for Lock 1 and Lock 2.
- (4) Delete: Swipe left on the contact entry and the icon  appears, touch to delete the contact.

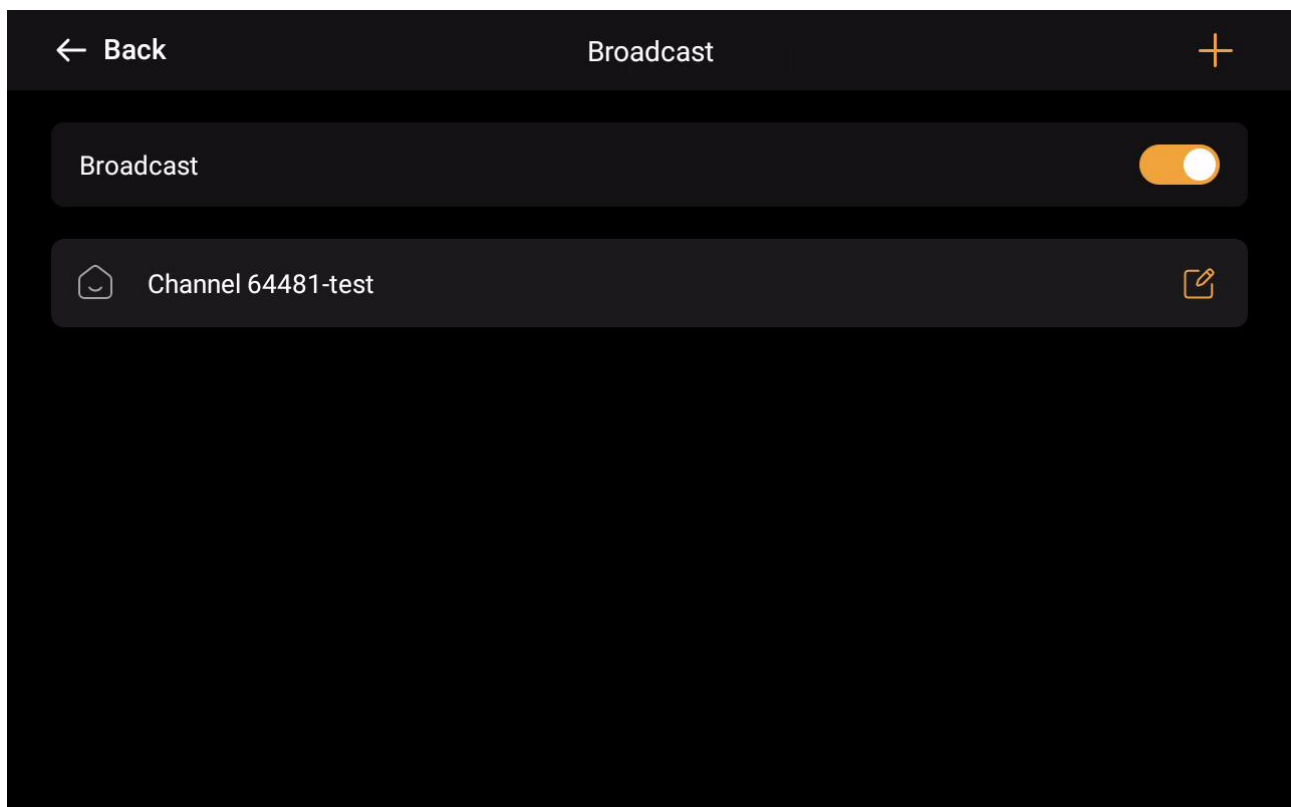
6.2. Resident list



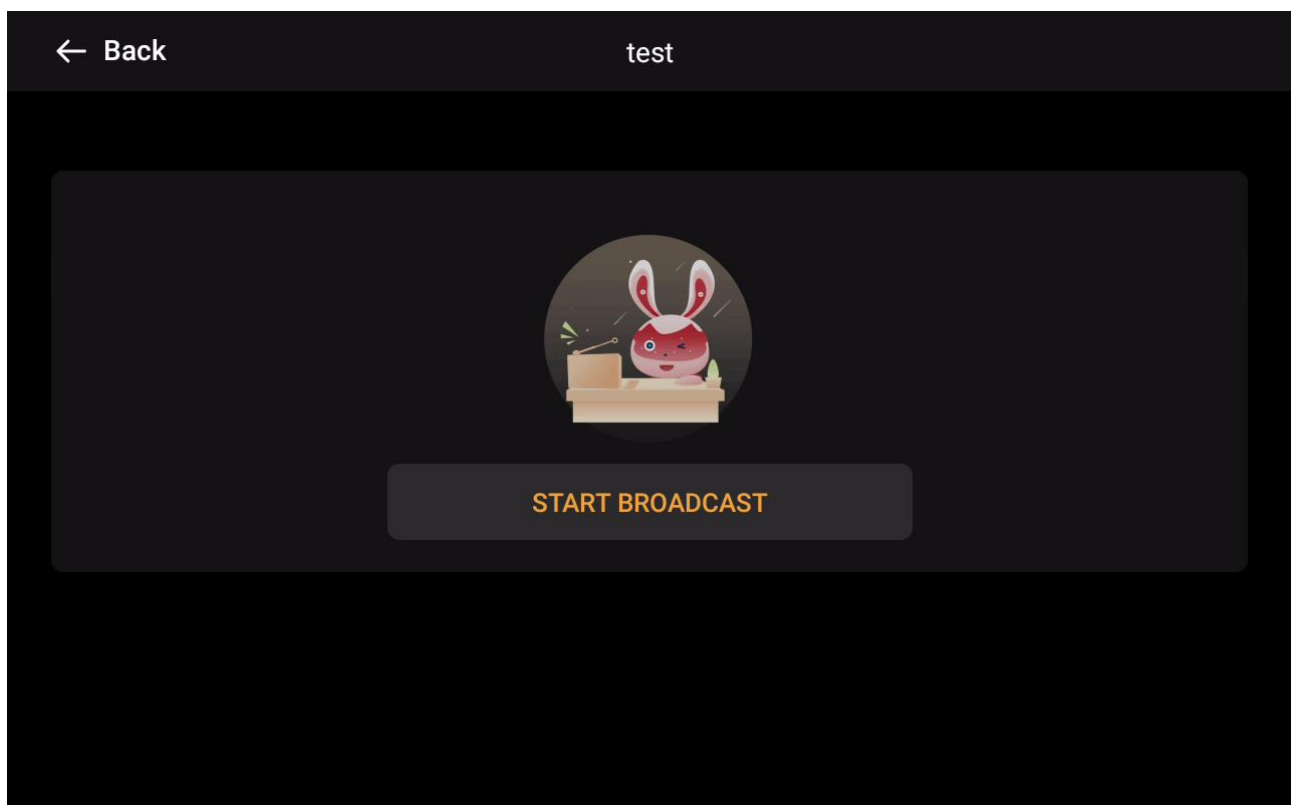
Resident list

- (1) Search: Touch  to enter the search contacts, the bottom contact list will display the search results synchronously.
- (2) Contacts list: display the list of filtered contacts, sub-groups or contacts under the corresponding groups.
- (3) Group call: touch  to call all devices under the filtered group.
- (4) Call: Touch , call this contact and enter the call out page.
- (5) Detail: Touch  to enter the contact info page. You can view user information, such as the SIP account, remarks name, and remove from top contact, block caller, delete contact. If the device has access control functionality, you can also set the unlock passwords for Lock 1 and Lock 2.

6.3. Broadcast



Broadcast

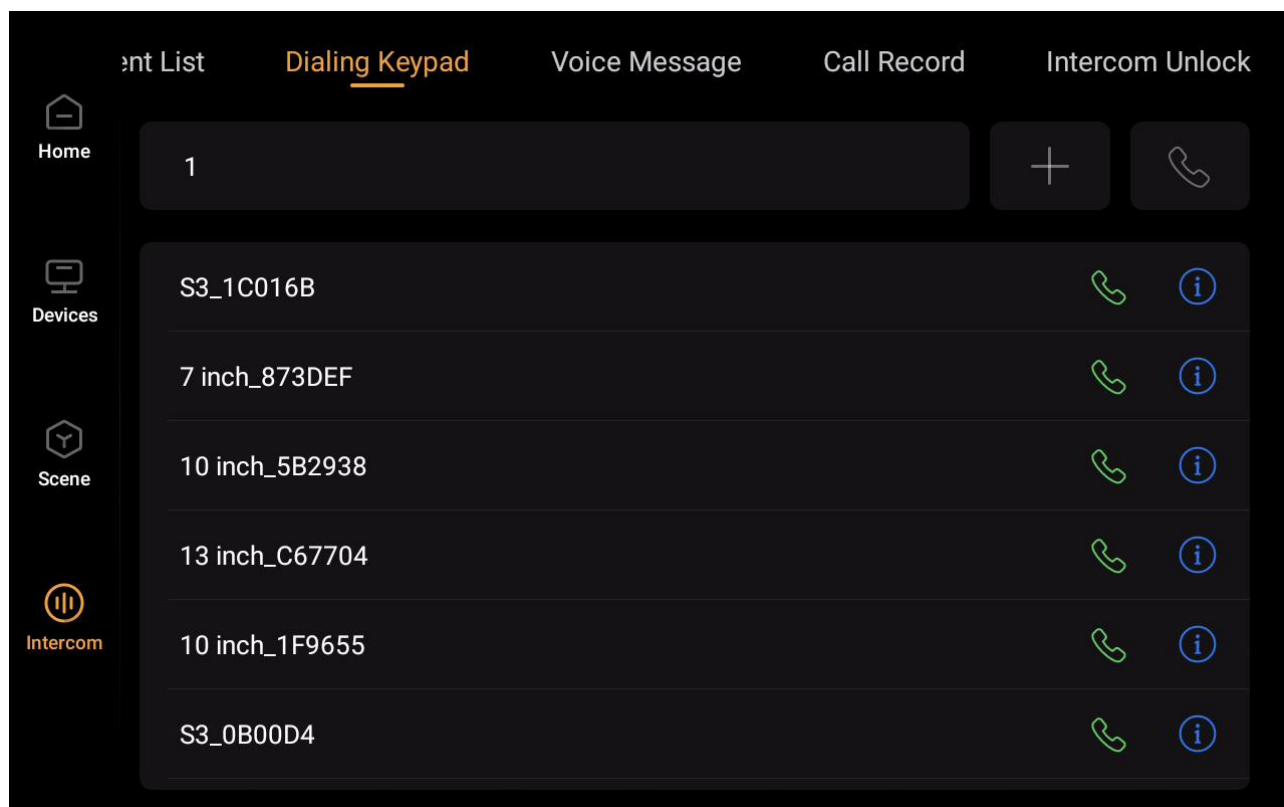


Channel

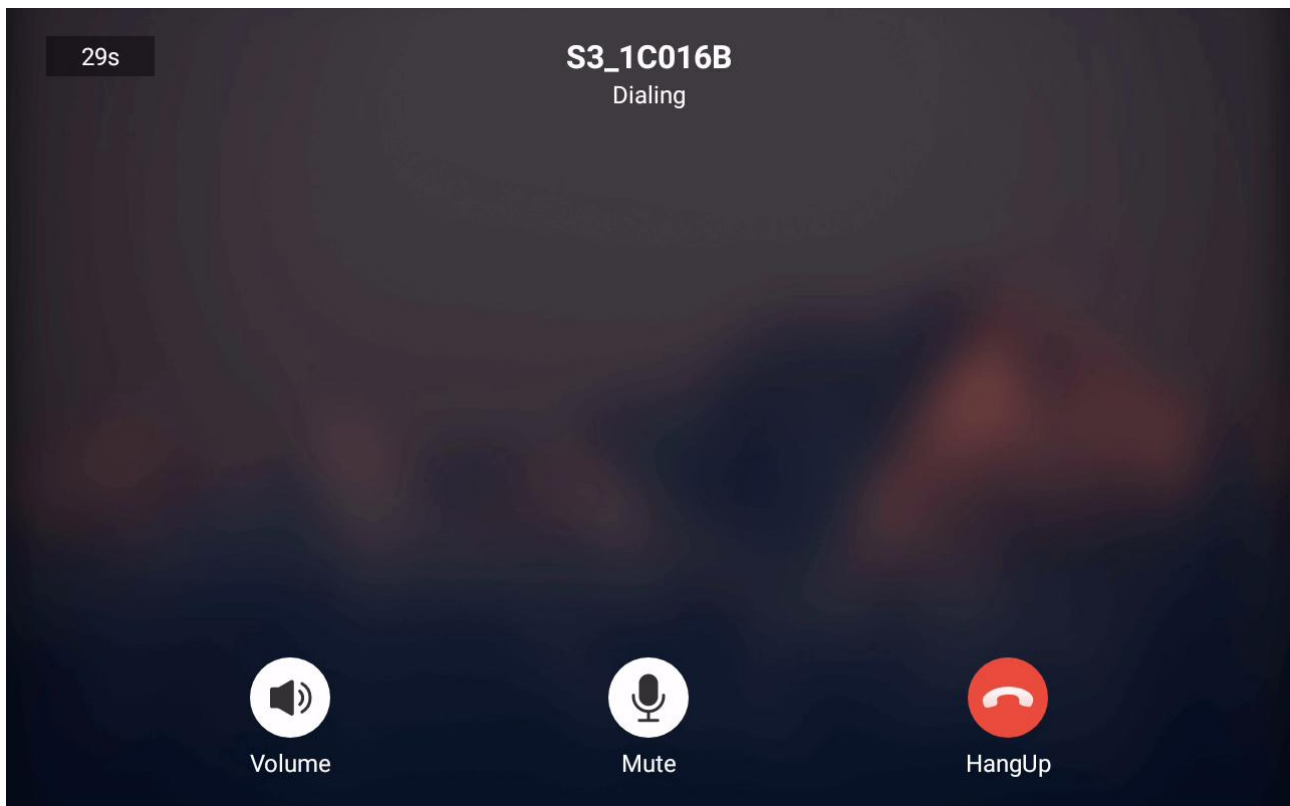
- (1) Broadcast Switch: When turned on, it allows other devices to broadcast to this device. When turned off, even if within the same channel, other devices cannot broadcast to this device through the relevant channel.
- (2) Broadcast List: Displays the list of channels you have joined. Tap  to modify the channel name, channel ID, and password.
- (3) Add Channel: Tap  at the top-right corner, enter the channel name, channel ID, and password to join a channel.
- (4) Initiate Broadcast: Tap on a specific channel to enter the channel page. Tap  to broadcast one-way to other devices in the channel, with a countdown of 30 seconds.

6.4. Dialing Keypad

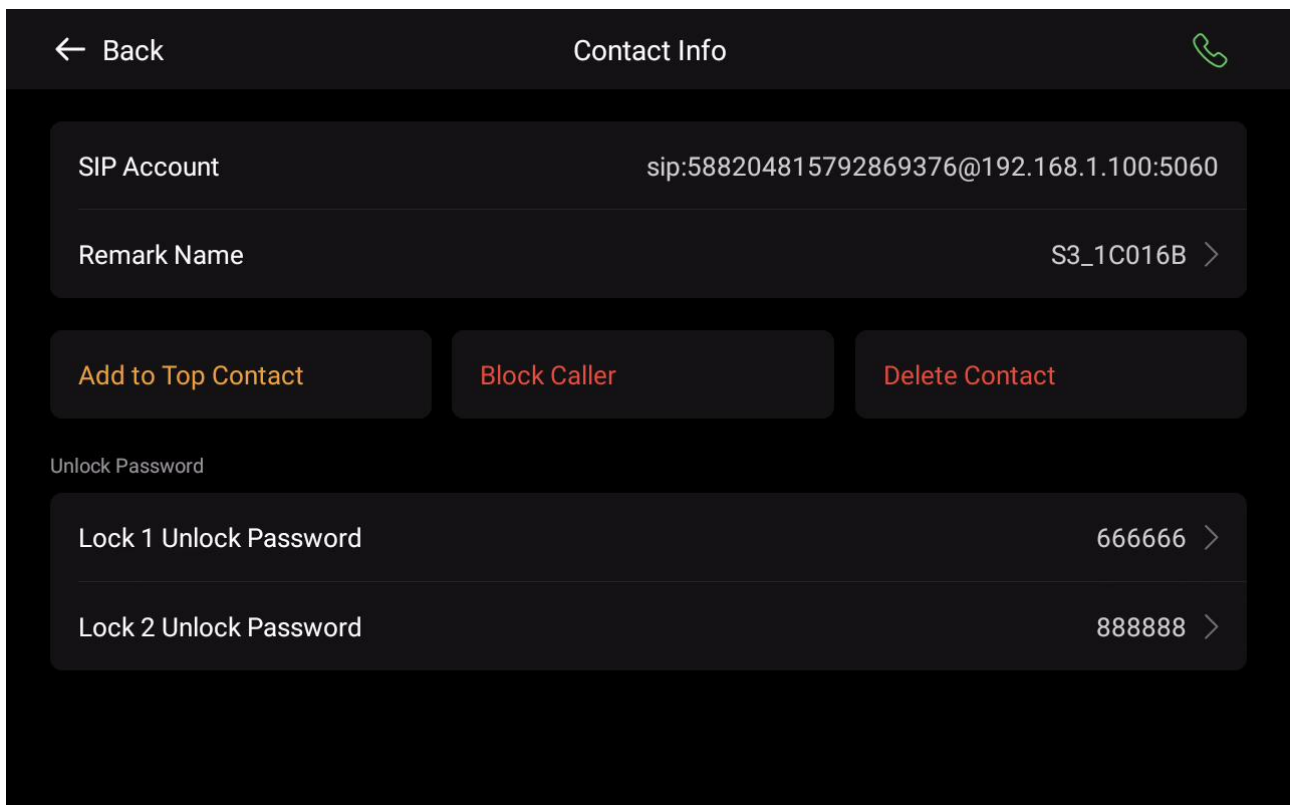
6.4.1. Dialing Keypad



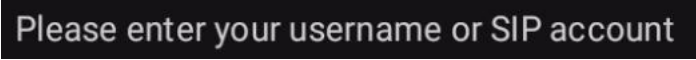
Dialing Keypad



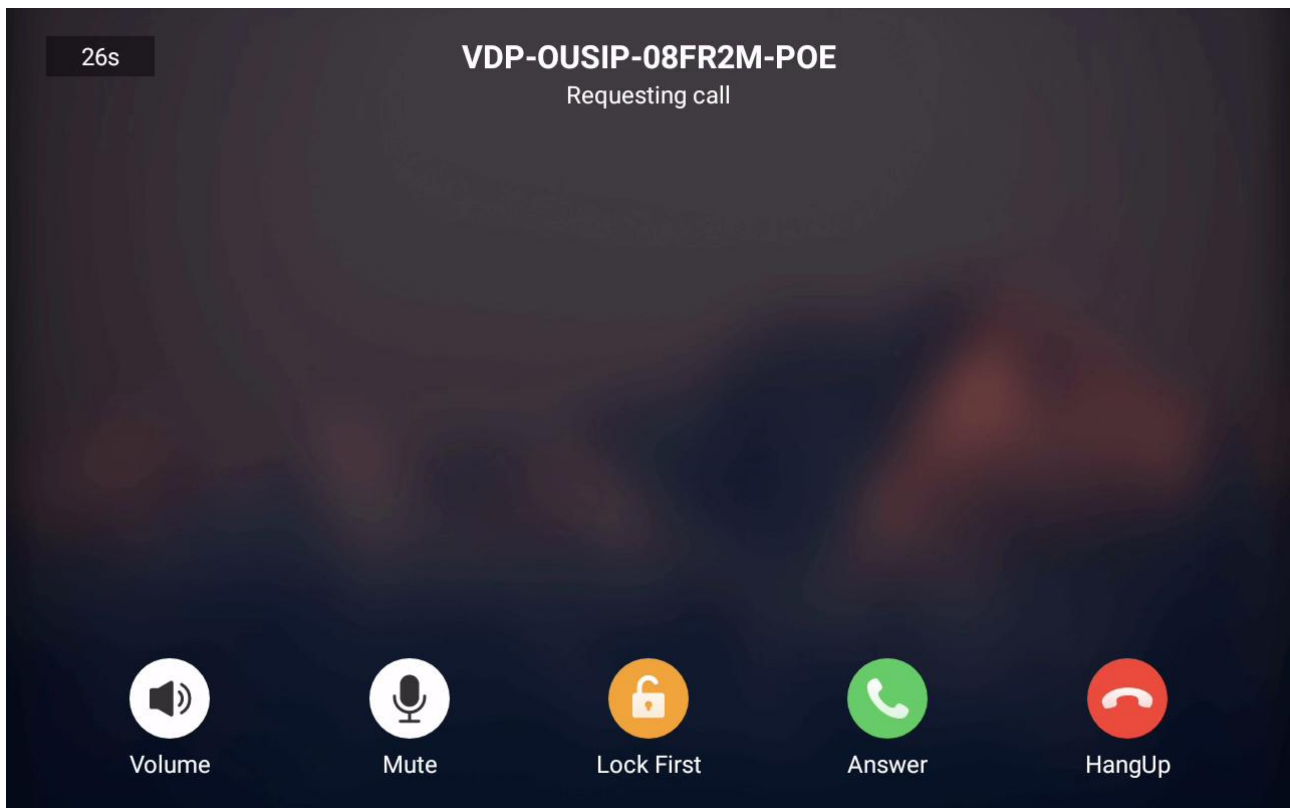
Call out



Contact info

- (1) Search: Touch  to enter username or SIP account, the bottom will automatically filter the contact list in the resident list.
- (2) Add Contact: If the SIP account is complete, click  to add this contact and display it in the contact list.
- (3) Outgoing Call: If the SIP account is complete, click  to call this contact.
- (4) Call: Click  to call the contact and enter the outgoing call page. During the call, you can adjust the volume, mute/unmute the microphone, and hang up.
- (5) Detail: Touch  to enter the contact info page. You can view user information, such as the SIP account, remarks name, and remove from top contact, block caller, delete contact. If the device has access control functionality, you can also set the unlock passwords for Lock 1 and Lock 2.

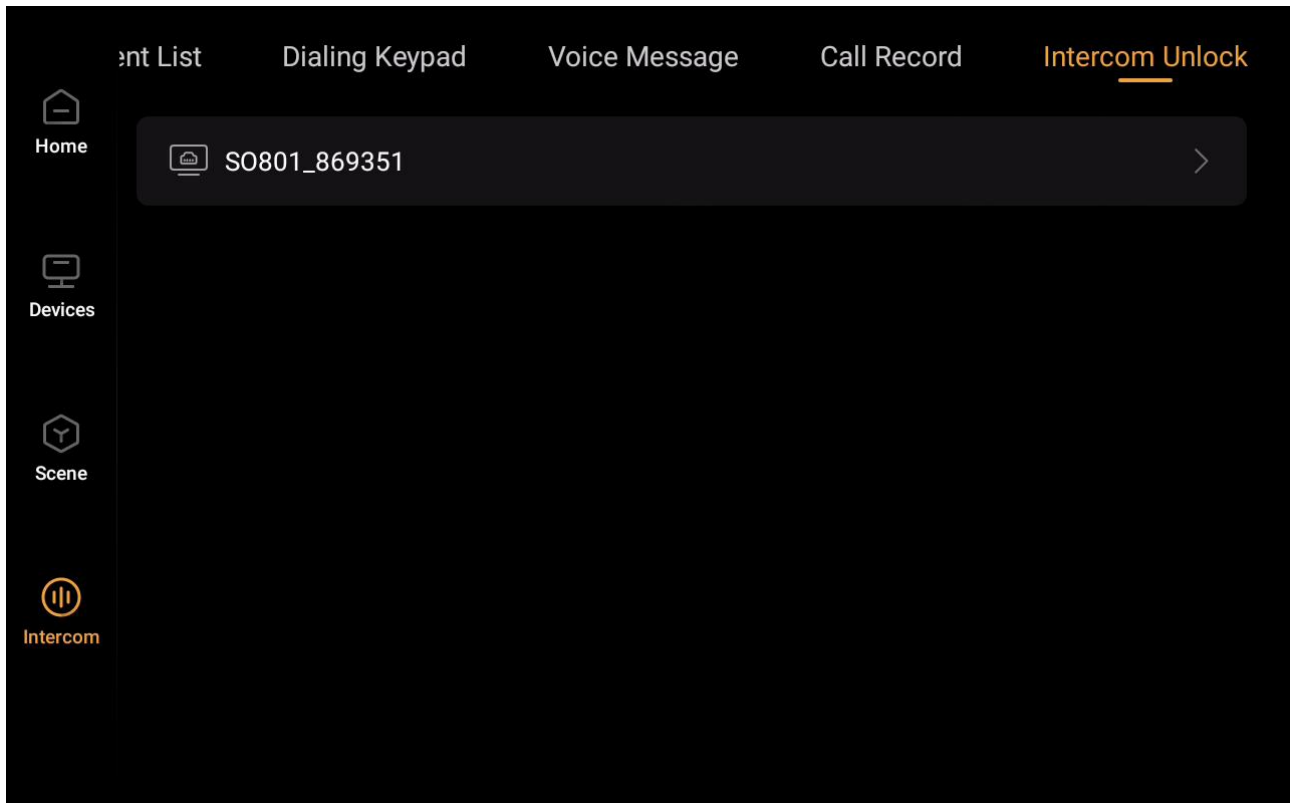
6.4.2. Incoming Caller



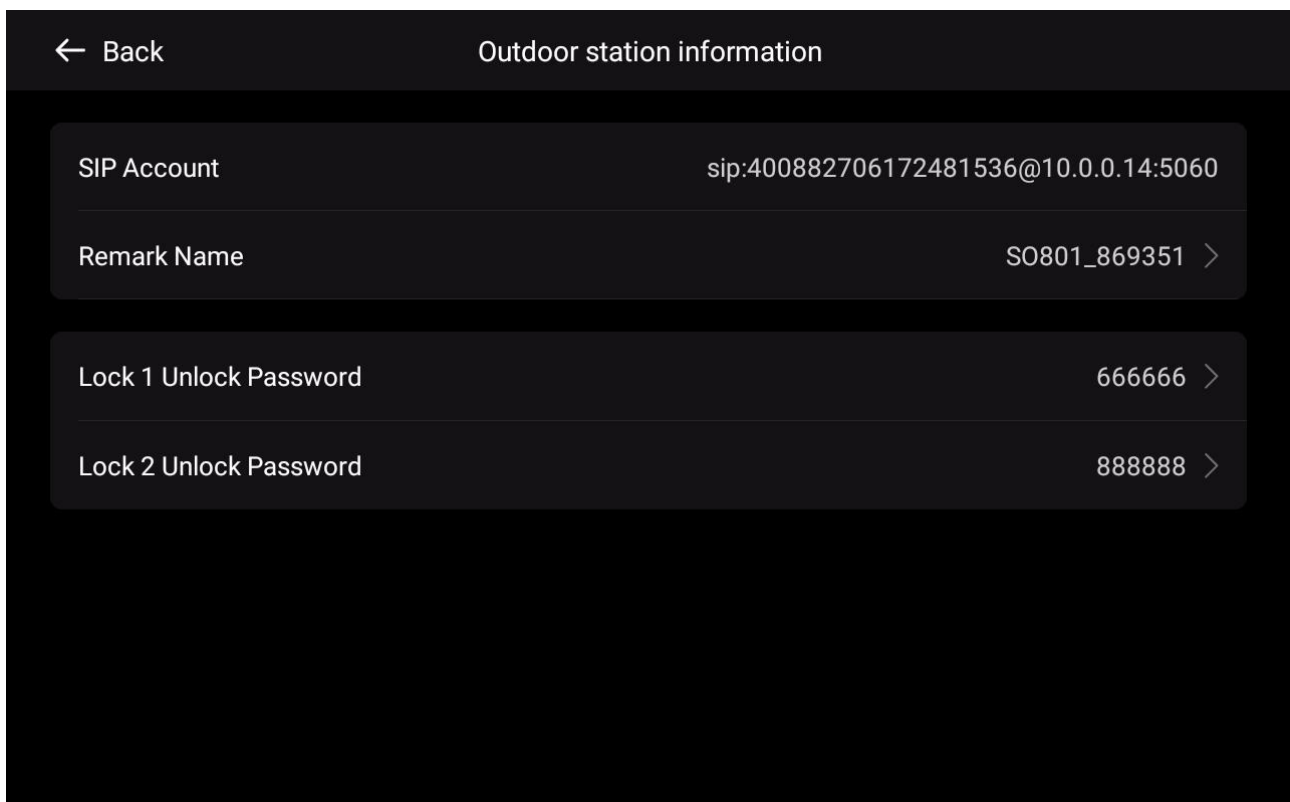
Incoming Caller

- (1) Touch  to adjust the volume.
- (2) Touch  to turn the microphone on/off.
- (3) Touch  to open the door at the caller's location.
- (4) Touch  to answer the call.
- (5) Touch  to end the call.
- (6) Touch  to take a screenshot of the current screen and save it to the call log.

6.5. Intercom Unlock



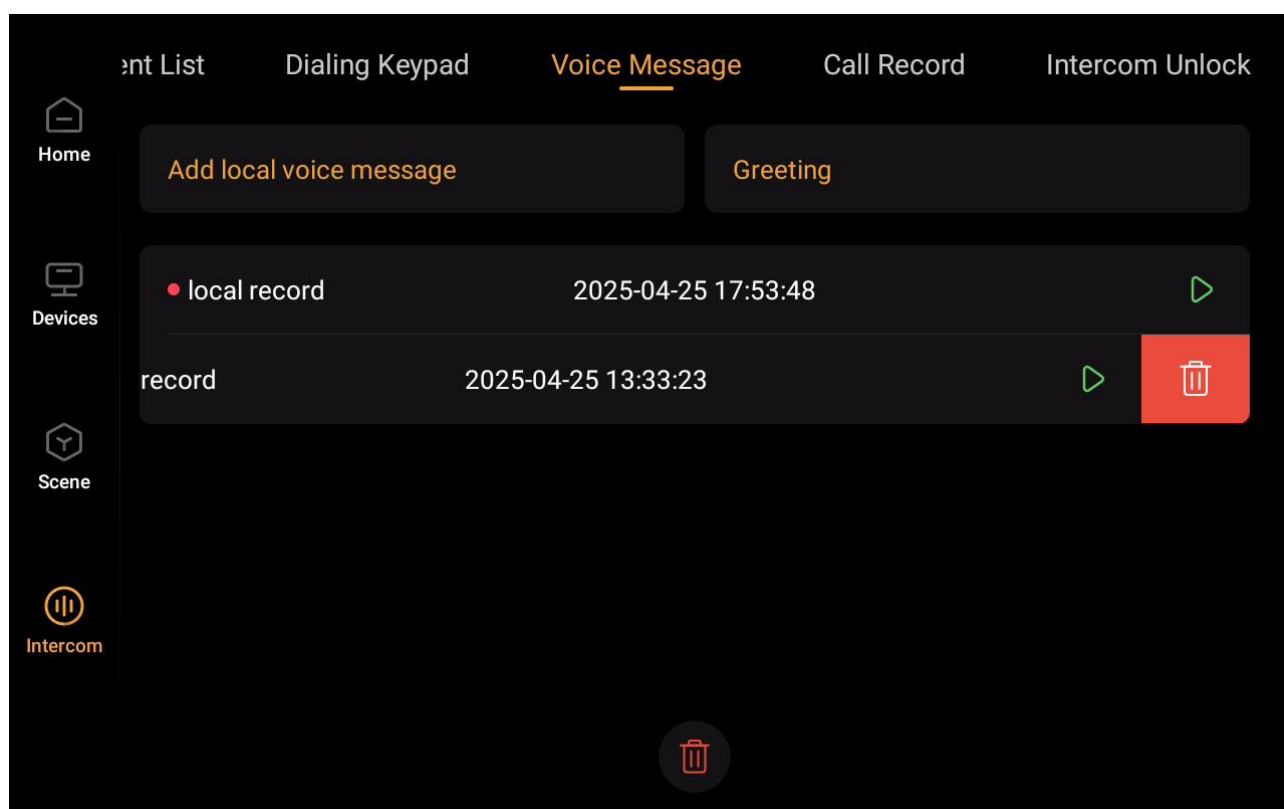
Intercom Unlock



Outdoor Station Info

- (1) View outdoor station information: Touch the corresponding outdoor station to view its information, such as device name, SIP account, remark name, and unlock password. Note: remark name and unlock password can be customized and modified on the screen.

6.6. Voice Message



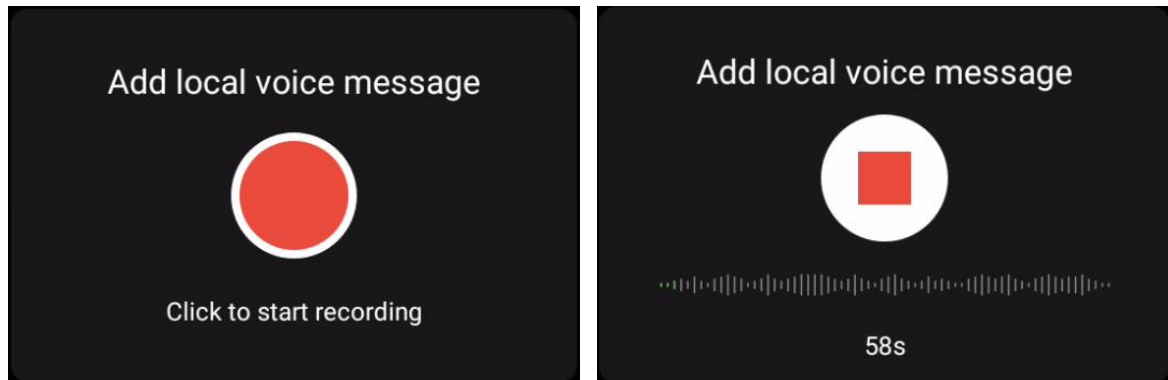
Voice Message

- (1) Local Recording List: Displays the time and play status of the local voice message. A red dot marks that local voice message is not playing.
- (2) Play Local Recordings: Touch  to play local voice message.
- (3) Delete Local Recordings: Swipe left on the local voice message entry and the icon  appears, touch on this icon to delete this local voice message.
- (4) Clear Local Recordings: Touch  at the bottom to delete all recorded files.

6.6.1. Add Local Voice Message

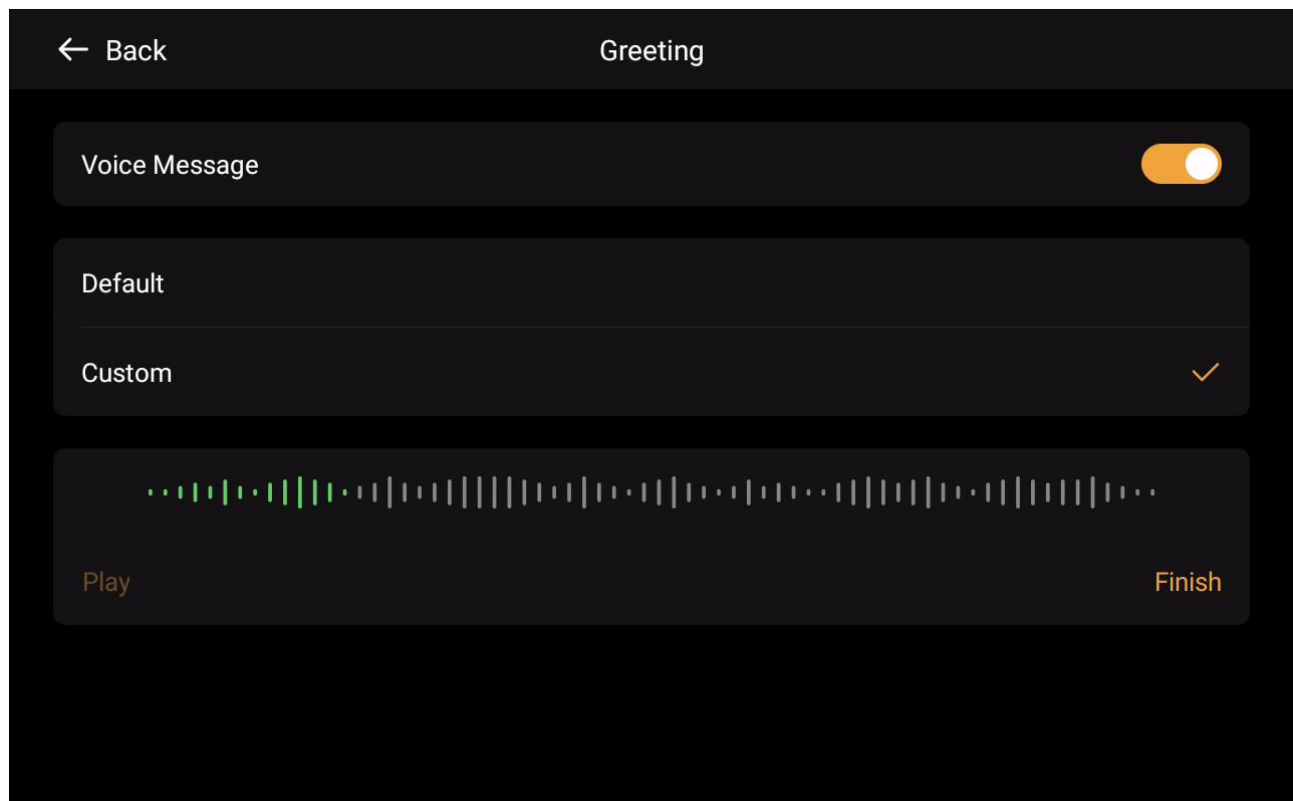
On the voice message page, click **Add local voice message**. In the pop-up window, click the icon  to start recording, and the countdown will end after 60 seconds or you can click the icon  to stop recording.

Note: Recording time at least 5s.



Add Local Voice Message

6.6.2. Greeting



Greeting

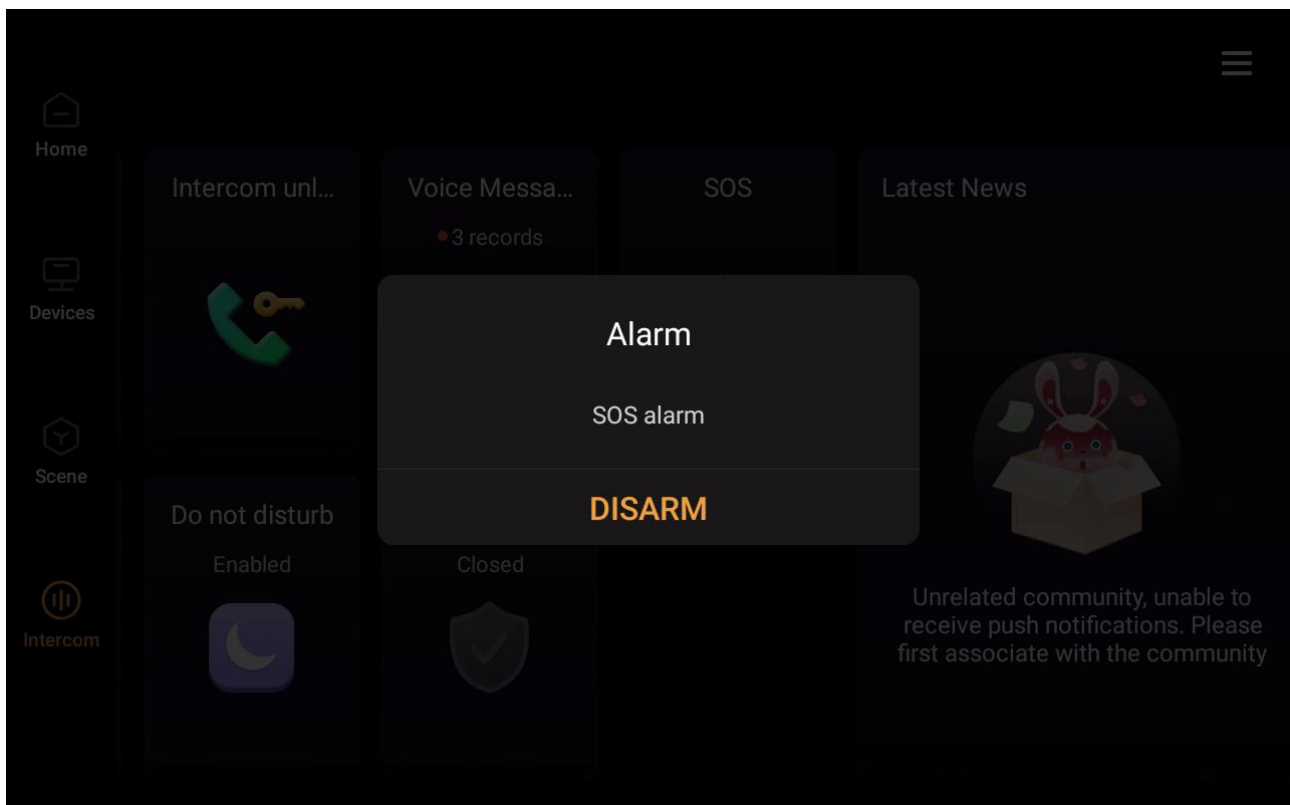
On the voice message page, click **Greeting** to enter the greeting settings page.

- (1) Voice Message Switch: When turned on, if the call is not answered by this device, the caller will hear the set voice message.
- (2) The voice message (i.e., greeting) can be selected as default or customized.
- (3) Custom greeting: Touch **Record** to start recording. Click the icon **Finish** to finish and save the recorded voice. Click the icon **Play** to play the current custom greeting. Note: Recording time at least 5s.

6.7. SOS

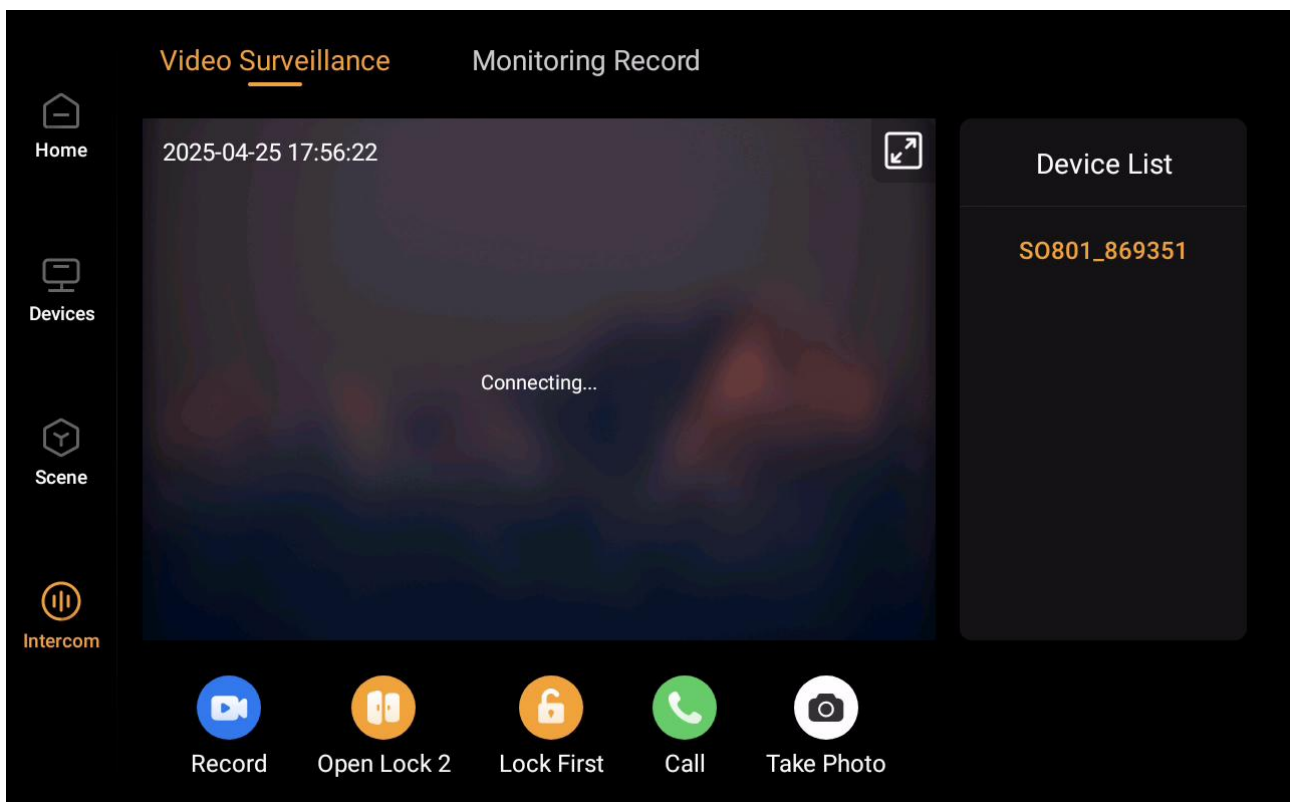


- (1) Long press the icon to send an SOS alarm message to the management center/management platform/app. When in SOS alarm mode, all other functions are locked, and only the disarm action can be performed.
- (2) Disarm: The user password is required.

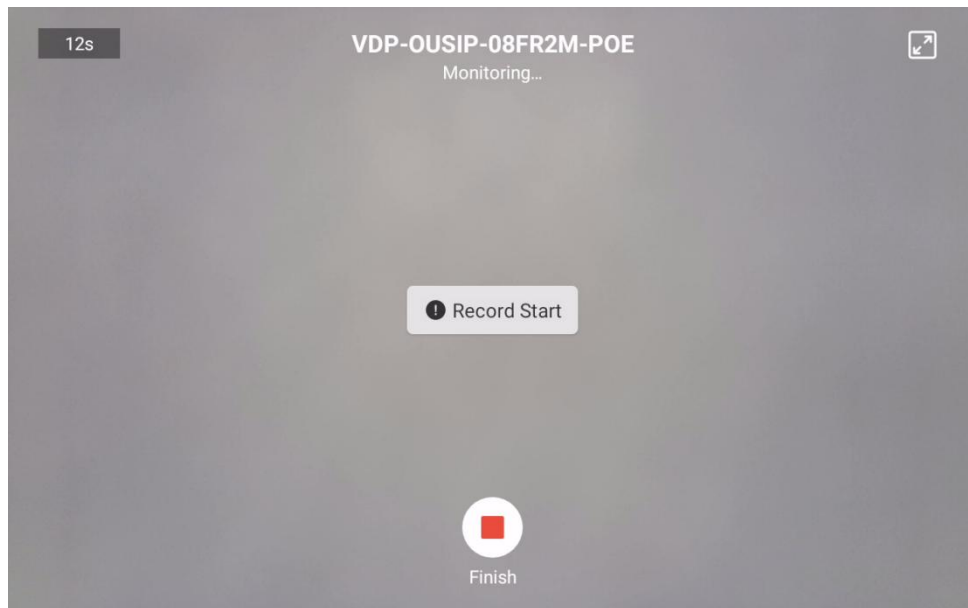


SOS

6.8. Monitor



Monitor



Record

(1) Device List: Select to view the surveillance footage of different devices.

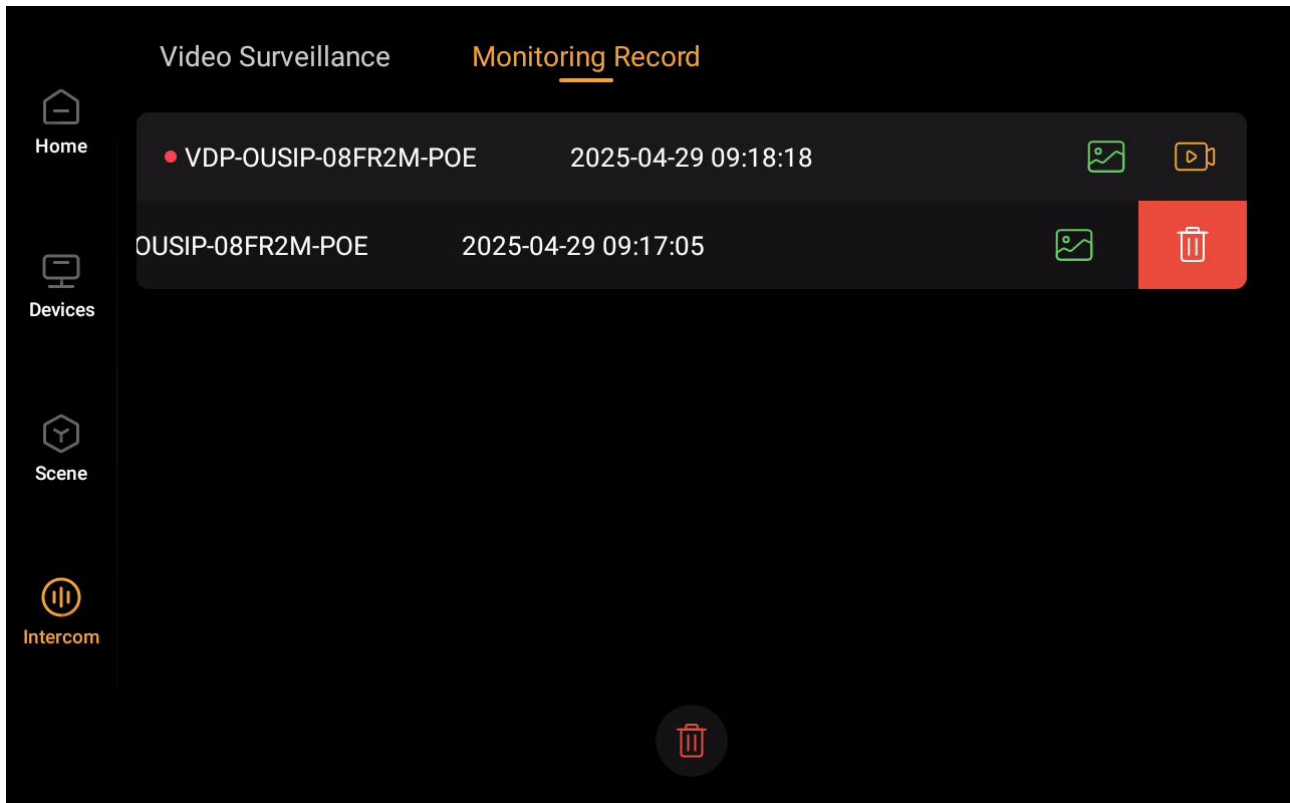
(2) Record: Click the icon  to enter the recording page and start recording the surveillance footage. Click the icon  again to stop recording. The maximum duration is 30 seconds, and up to 2 segments can be recorded.

(3) Unlock: Click the icon  to open the door access of the selected surveillance device.

(4) Call: Click the icon  to call the selected surveillance device.

(5) Take Photo: Click the icon  to capture a still image from the surveillance footage. Up to 9 images can be captured.

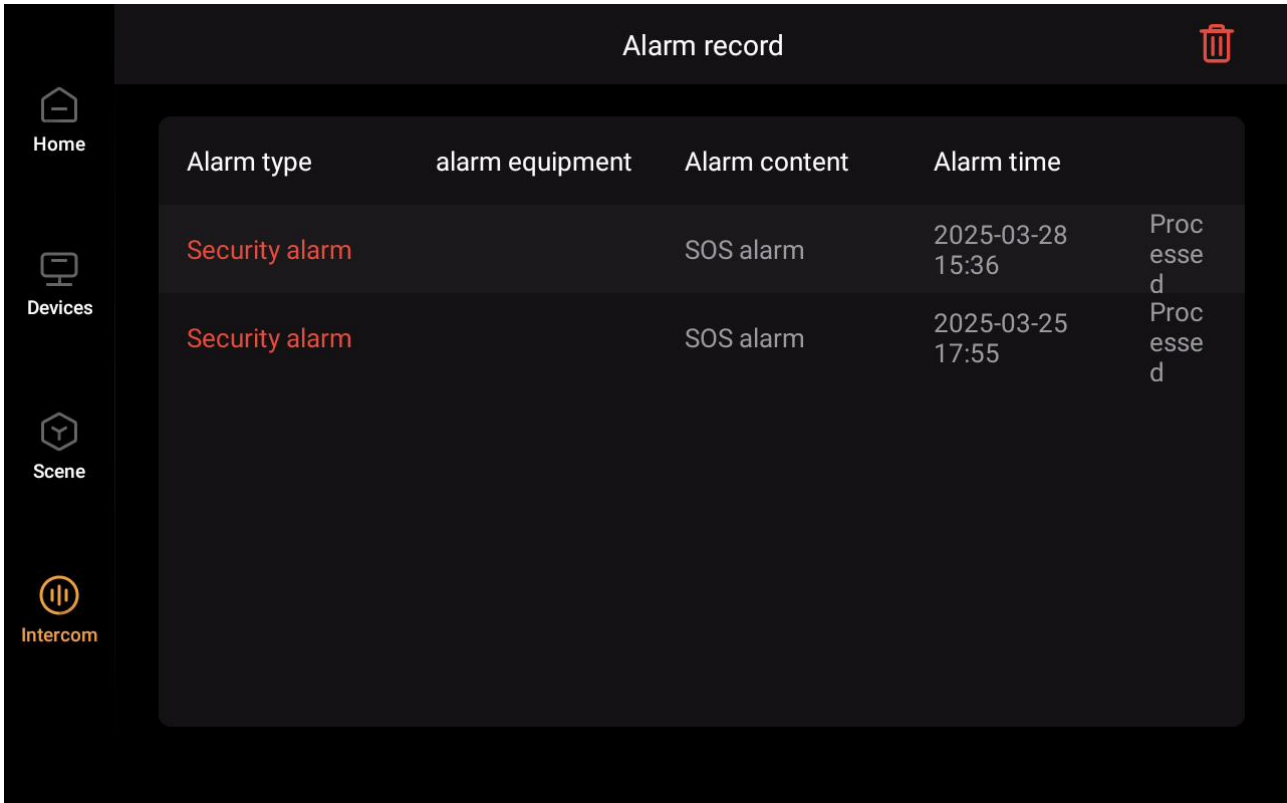
6.9. Monitoring Record



Monitoring Record

- (1) Red dots mark not viewed monitoring records.
- (2) Click the icon  to view the captured surveillance images. Click  to view the recorded surveillance videos.
- (3) Swipe left on a specific surveillance record to reveal the icon . Click the icon to delete that particular record.
- (4) Click the icon  at the bottom to delete all records. The deletion will be executed after a second confirmation.

6.10. Alarm Record

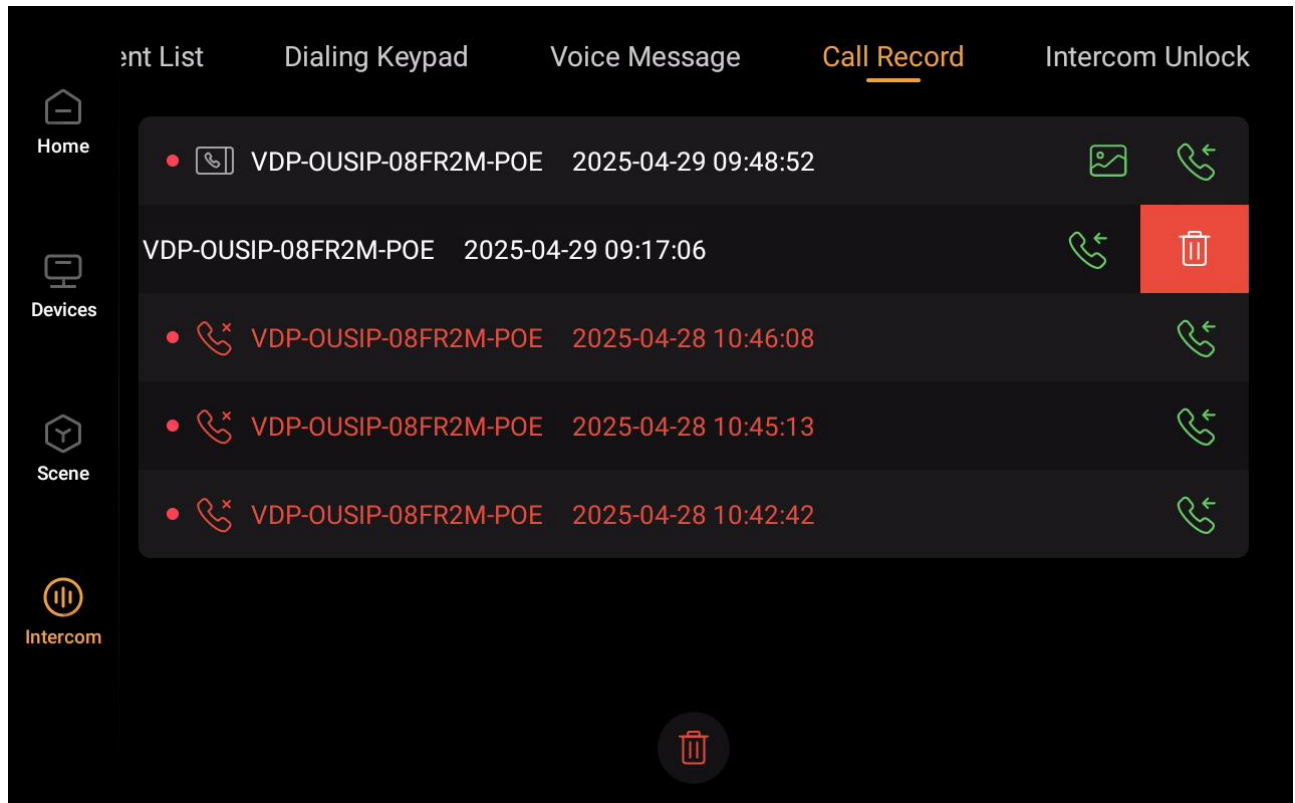


Alarm record				
Alarm type	alarm equipment	Alarm content	Alarm time	
Security alarm		SOS alarm	2025-03-28 15:36	Processed
Security alarm		SOS alarm	2025-03-25 17:55	Processed

Alarm Record

- (1) View the alarm records, with a maximum storage capacity of 500 entries.
- (2) Click the icon  in the top right corner to clear the alarm records.

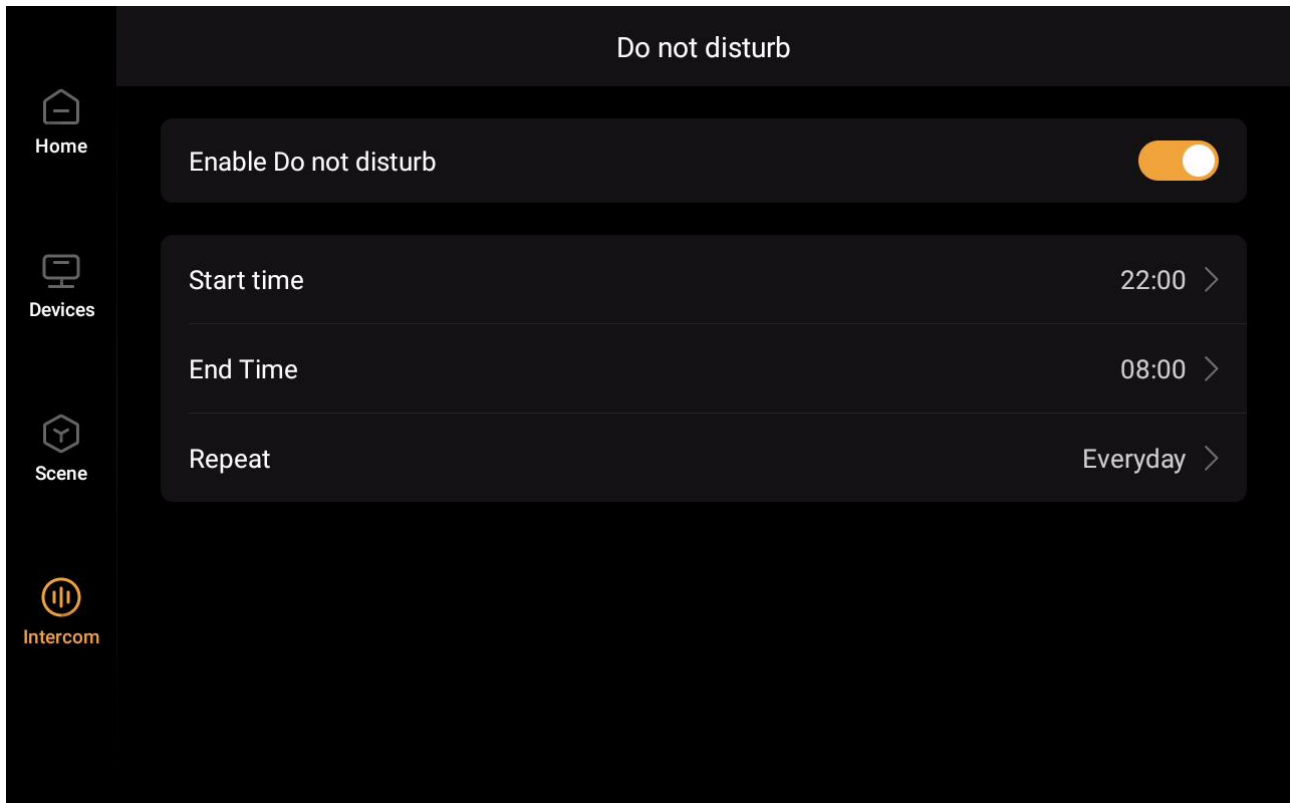
6.11. Call Record



Call Record

- (1) Red dot marks missed calls.
- (2) Click the icon  to view the screenshots taken during the call.
- (3) Click the icon  to redial the contact.
- (4) Swipe left on a call log entry to reveal the icon. Click the icon  to delete that particular call log entry.
- (5) Click the icon  at the bottom to delete all records. The deletion will be executed after a second confirmation.

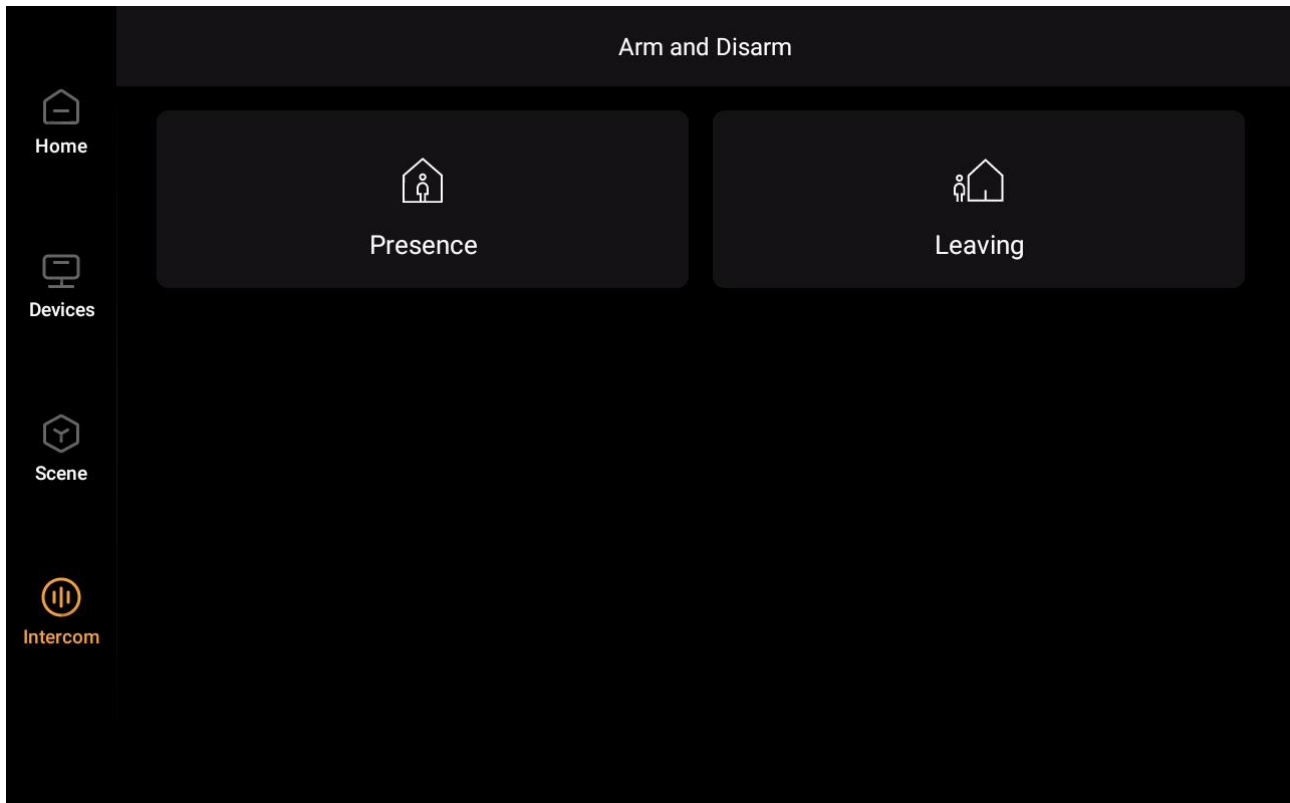
6.12. Do no disturb



Do no disturb

Turn on/off Do Not Disturb mode. When turned on, you can set the start time, end time, and repeat schedule for Do Not Disturb.

6.13. Arm/Disarm



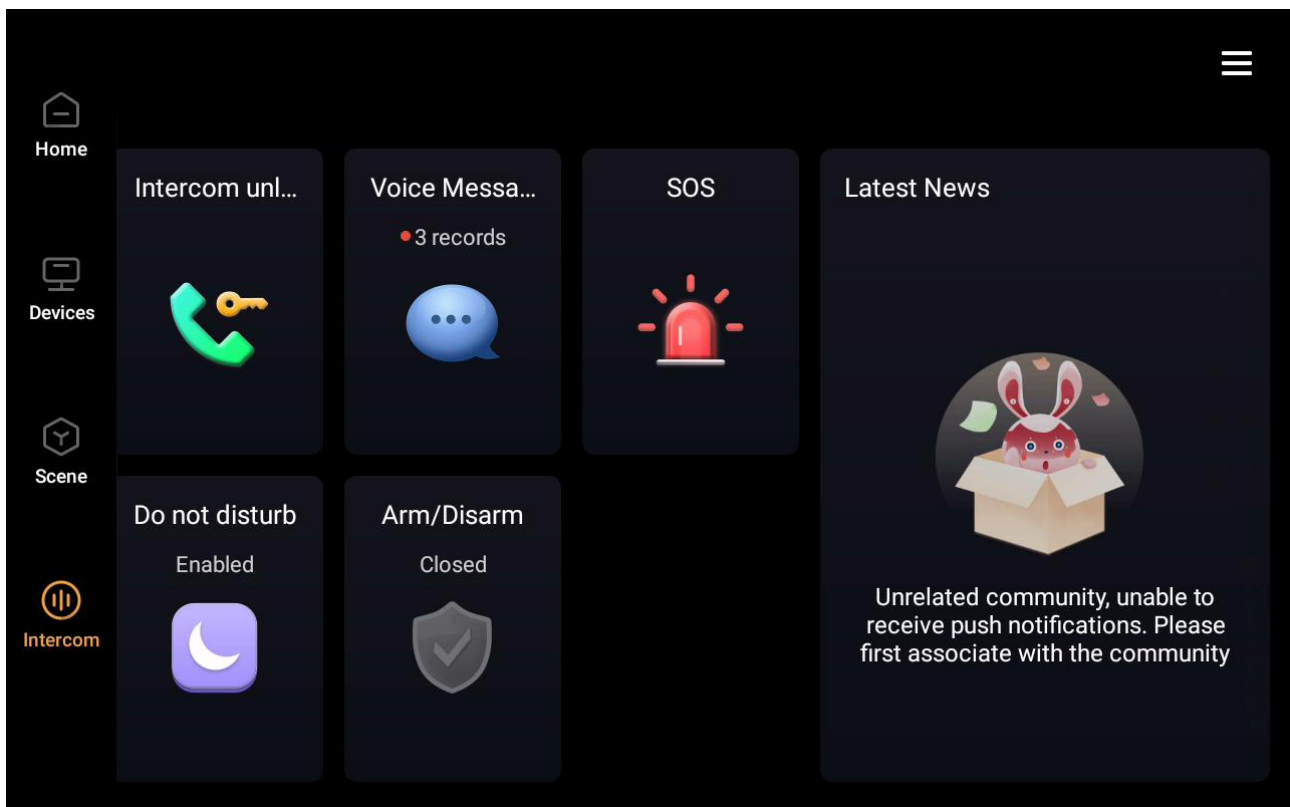
Arm/Disarm

- (1) In the armed state, the following operations can be performed:
 - a. Disarm: Enter the user password to disarm.
 - b. Alarm and Disarm: Enter the duress password to send an alarm to the management center and disarm simultaneously.
- (2) In the disarmed state, the following operations can be performed:
 - a. Arm: Enter the user password, then enter the arming delay period, during which you need to leave the protected area before the delay ends.

6.14. Latest News

You can view the announcements issued to this device by the intelligent management platform.

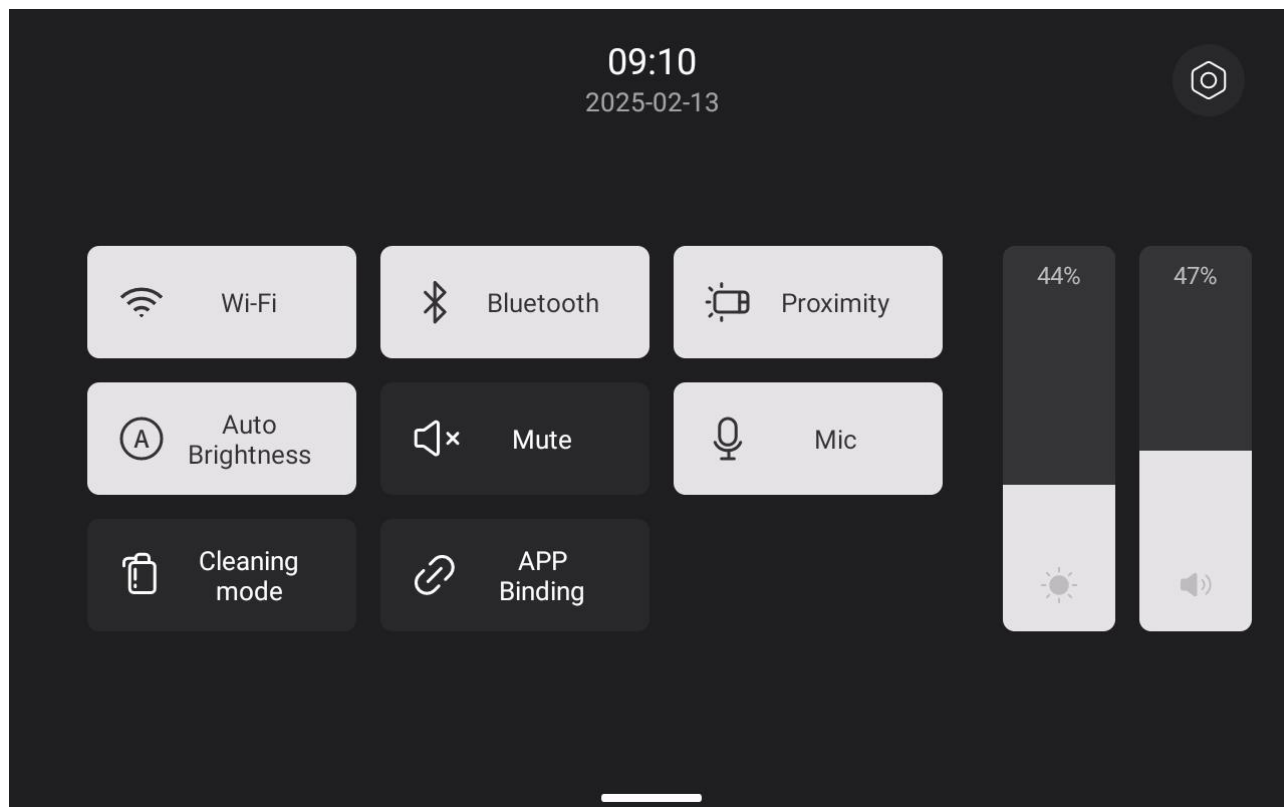
Note: You need to bind the community identification code first.



Latest News

Chapter 7 Shortcut

Pull down from the top of the home, device, scene, or intercom pages to bring up the shortcut settings.



Shortcut

- ① Wi-Fi: Display the connection status of Wi-Fi, touch to turn on/off Wi-Fi, and long press to enter the Wi-Fi settings interface.
- ② Bluetooth: Display the connection status of Bluetooth, touch to turn on/off Bluetooth, and long press to enter the Bluetooth settings interface.
- ③ Proximity: Display the status of Proximity, touch to active/inactive Proximity.
- ④ Auto-Brightness: Display the status of Auto-Brightness, touch to active/inactive Auto-Brightness.
- ⑤ Mute: Display the status of Mute, touch to active/inactive Mute.
- ⑥ Mic: Display the status of Microphone, touch to turn on/off Microphone.

⑦ Cleaning mode: Touch to active “Cleaning mode” for 0-60s, and the screen will be locked.

⑧ APP Binding: Click to display the QR code, which can be scanned by the GVS Smart App to bind the device.

⑨ Touch  to enter the device settings page.

⑩ Slide the slider to adjust the screen brightness in percentage.

⑪ Slide the slider to adjust the system volume in percentage.

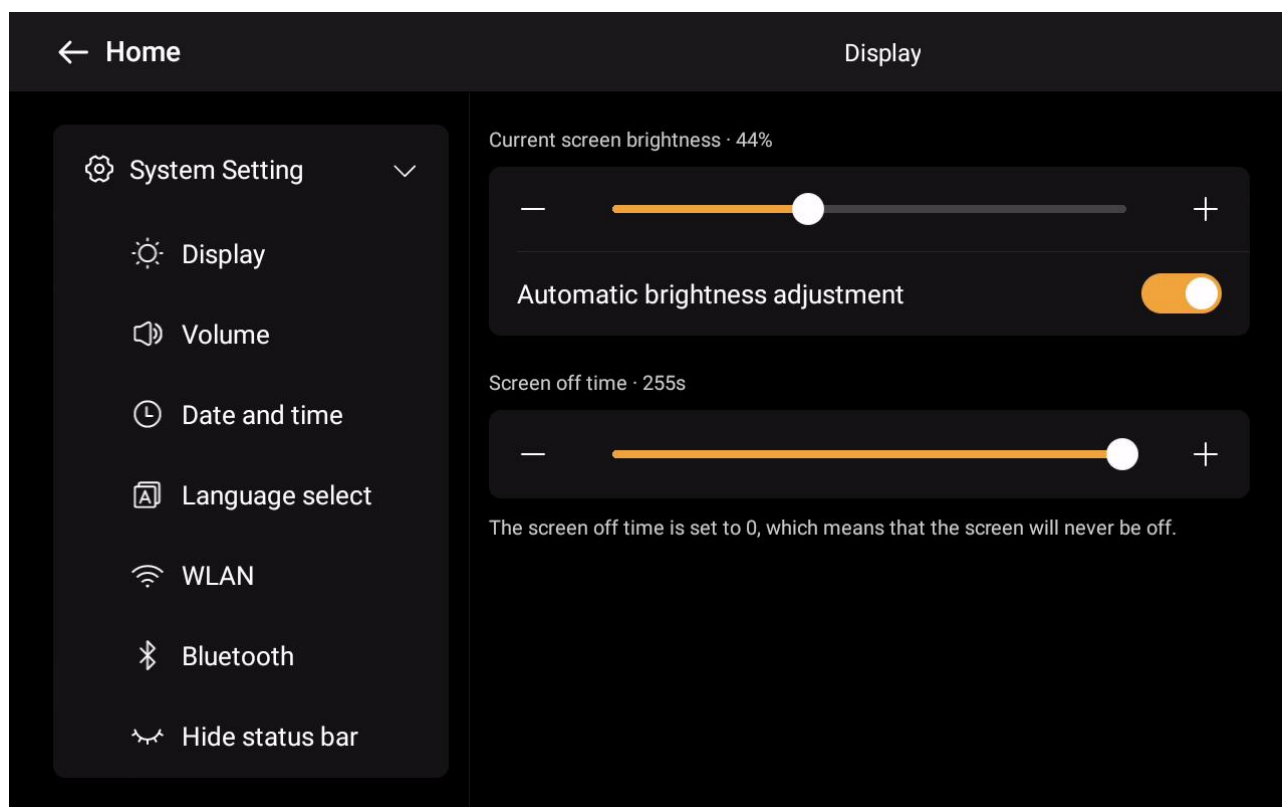
Chapter 8 Setting



Touch the icon in the status bar on the home page to enter the setting page.

8.1. System Setting

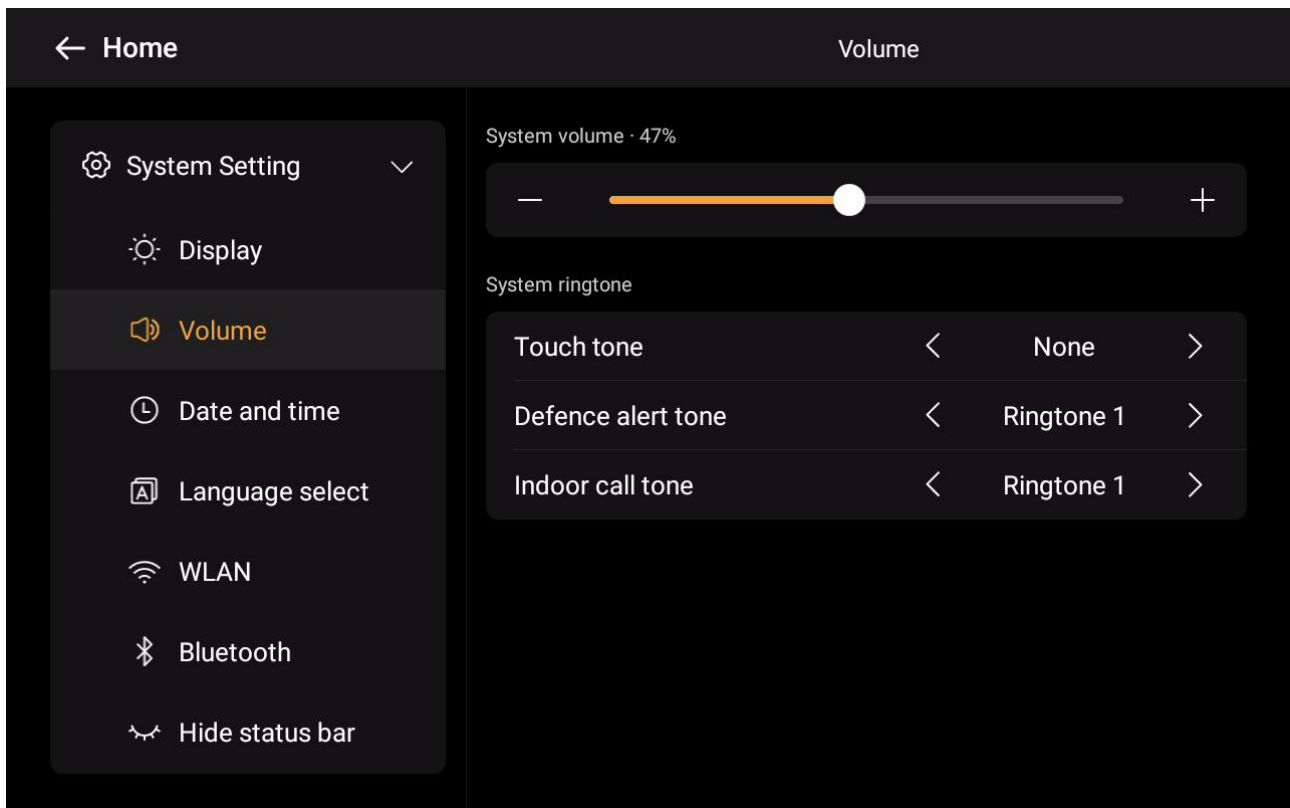
8.1.1. Display



Display

- (1) Screen brightness can be manually adjusted from 0~100%.
- (2) Screen brightness can be set to automatic adjustment. When active, the screen automatic brightness adjustment. When inactive the screen brightness is adjusted according to the manual adjustment value.
- (3) Set the screen off time, the time from entering the screensaver until the screen off. The screen off time is set to 0, which means that the screen will never be off.

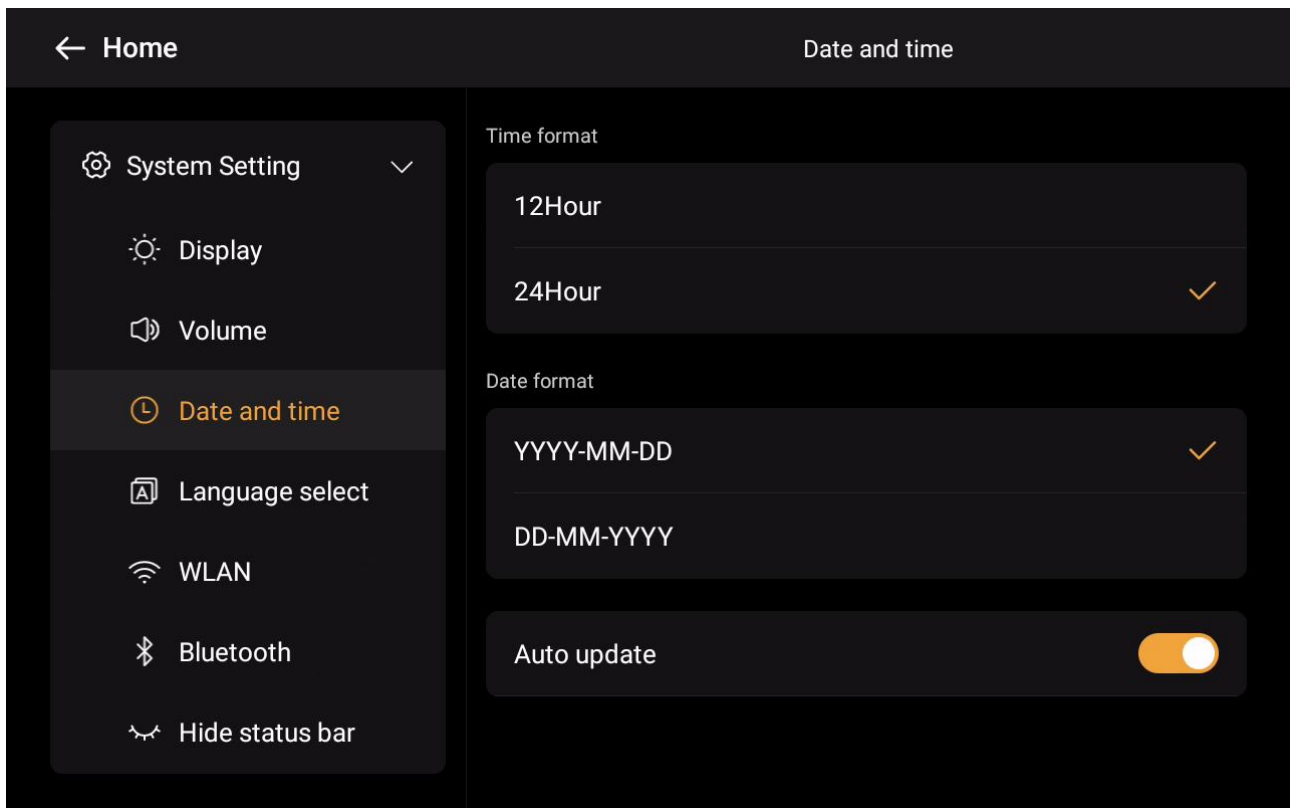
8.1.2. Volume



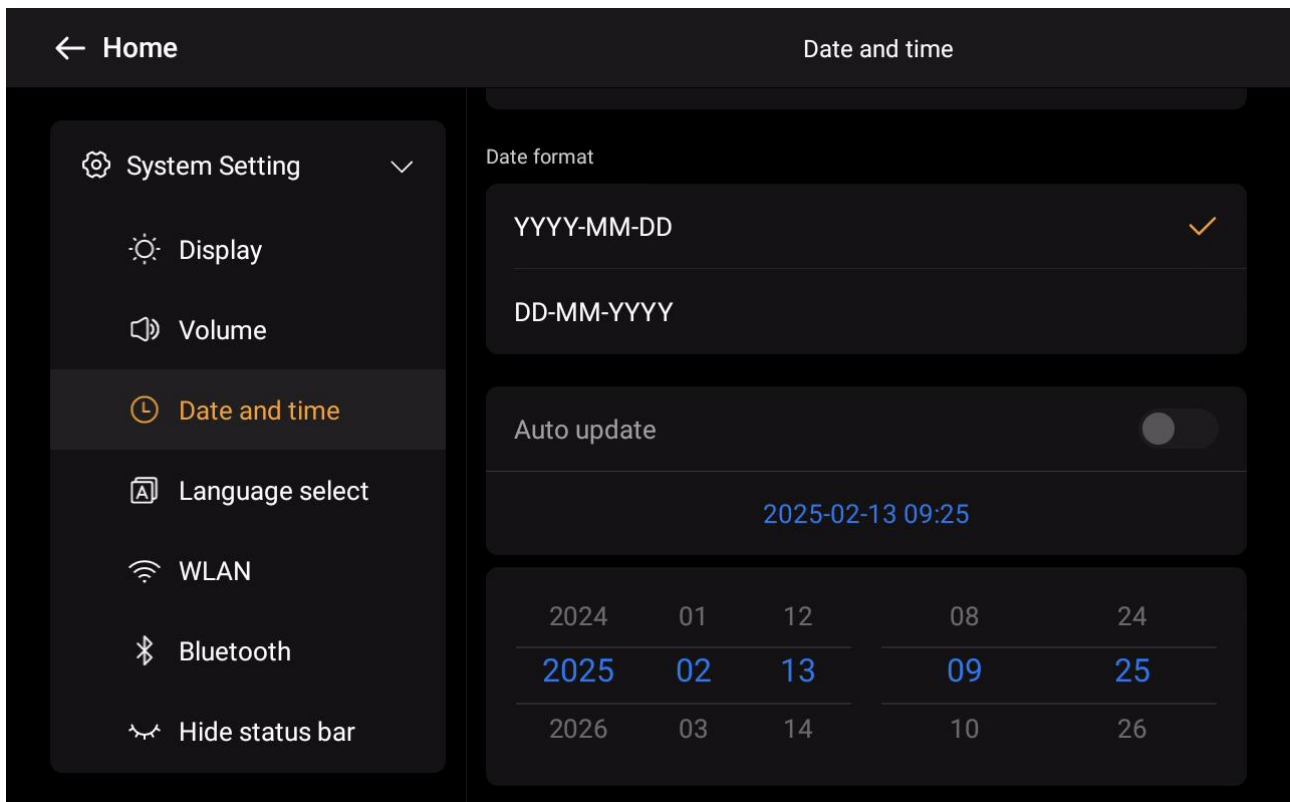
Volume

- (1) System volume can be manually adjusted from 0~100%.
- (2) Set touch tone, defence alert tone and indoor call tone.

8.1.3. Date and time

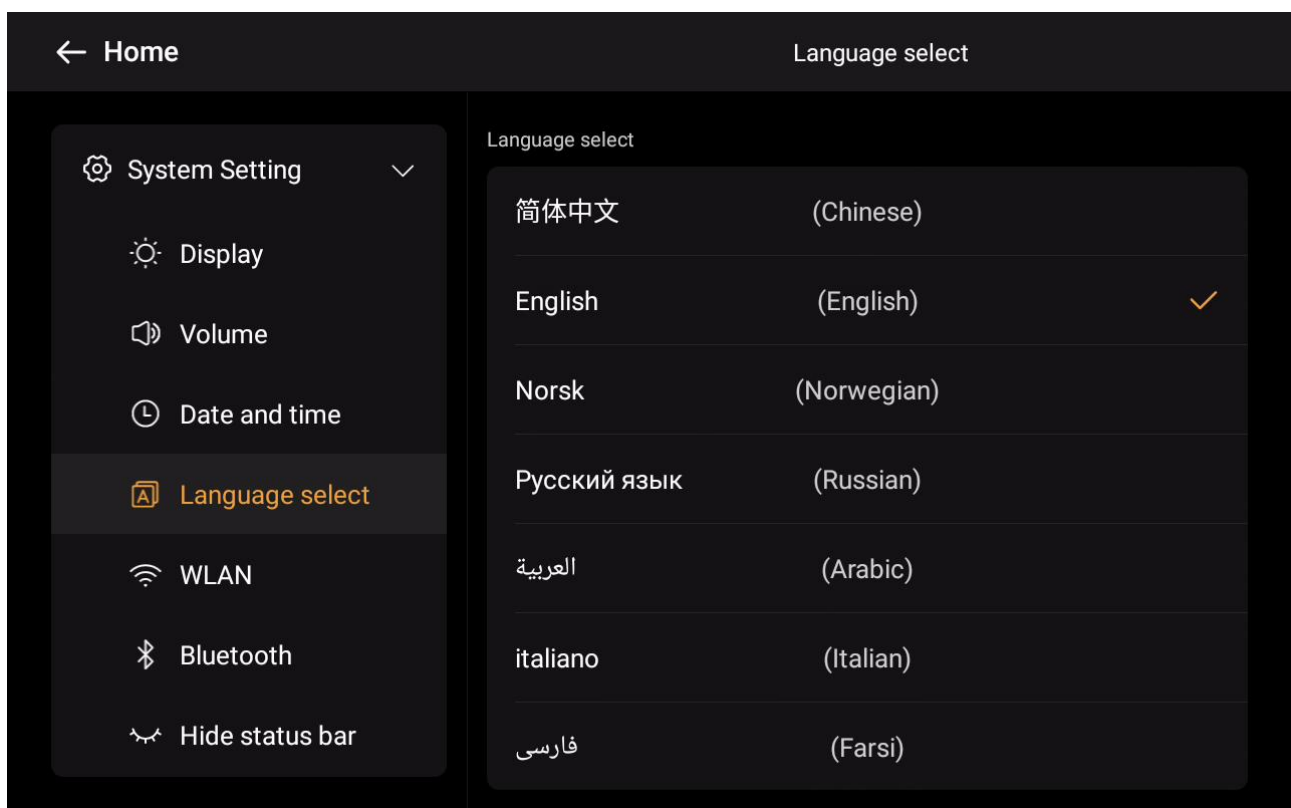


Date and time



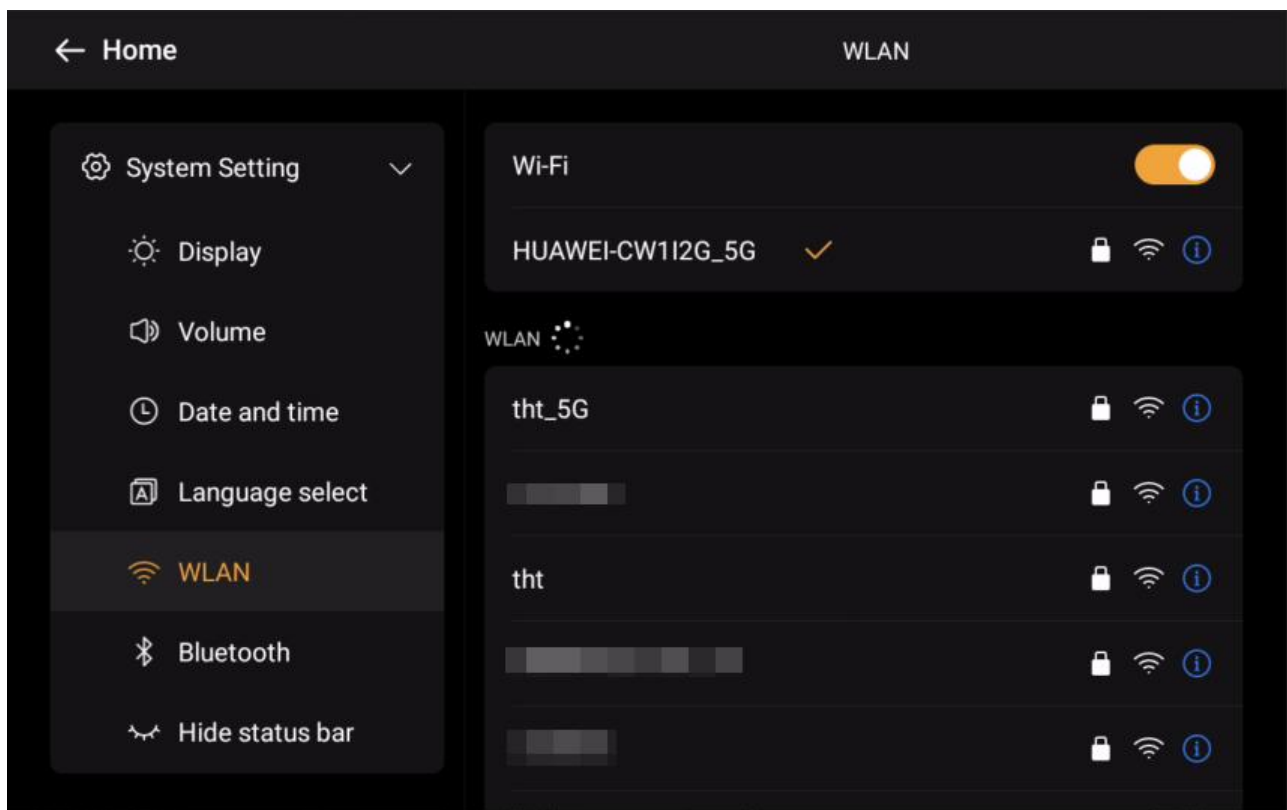
Date and time_Manual Adjustment

- (1) Set the screen display time format to 12-hour or 24-hour.
- (2) Set the screen display date format to YYYY-MM-DD (year-month-day) or DD-MM-YYYY (day-month-year).
- (3) Active/inactive auto update. The device time is automatically synchronized with the network time when it is turned on.

8.1.4. Language select

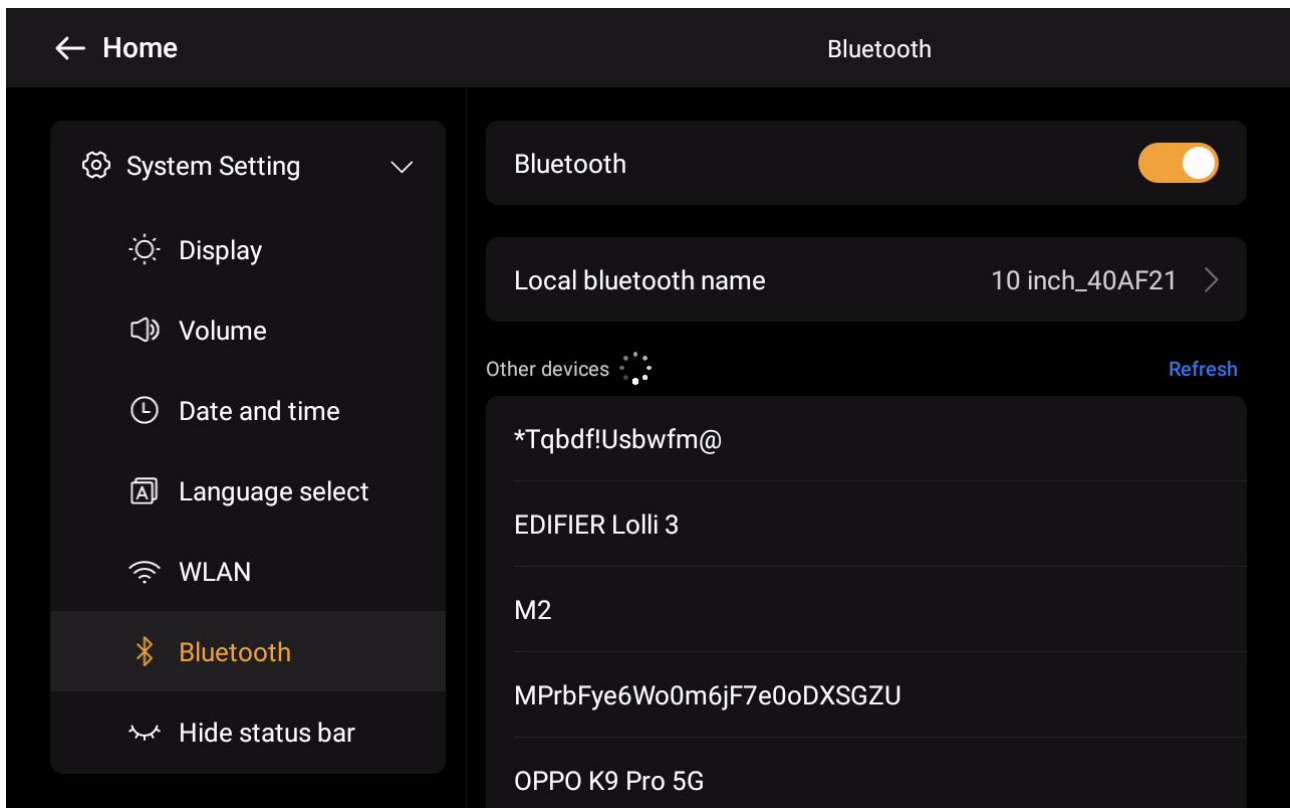
Language select

- (1) Choose from Simplified Chinese, English, Norwegian, Russian, Arabic, Italian, Farsi, Polish, Hebrew, Portuguese, German, Traditional Chinese, French, and Spanish.

8.1.5. WLAN**WLAN**

- (1) (1) Turn on/off Wi-Fi.
- (2) In the list of available WLAN, select an WLAN and enter the correct password to connect the corresponding WLAN.
- (3) Click on the connected network to ignore it. After ignoring, the device will no longer automatically connect to this network.

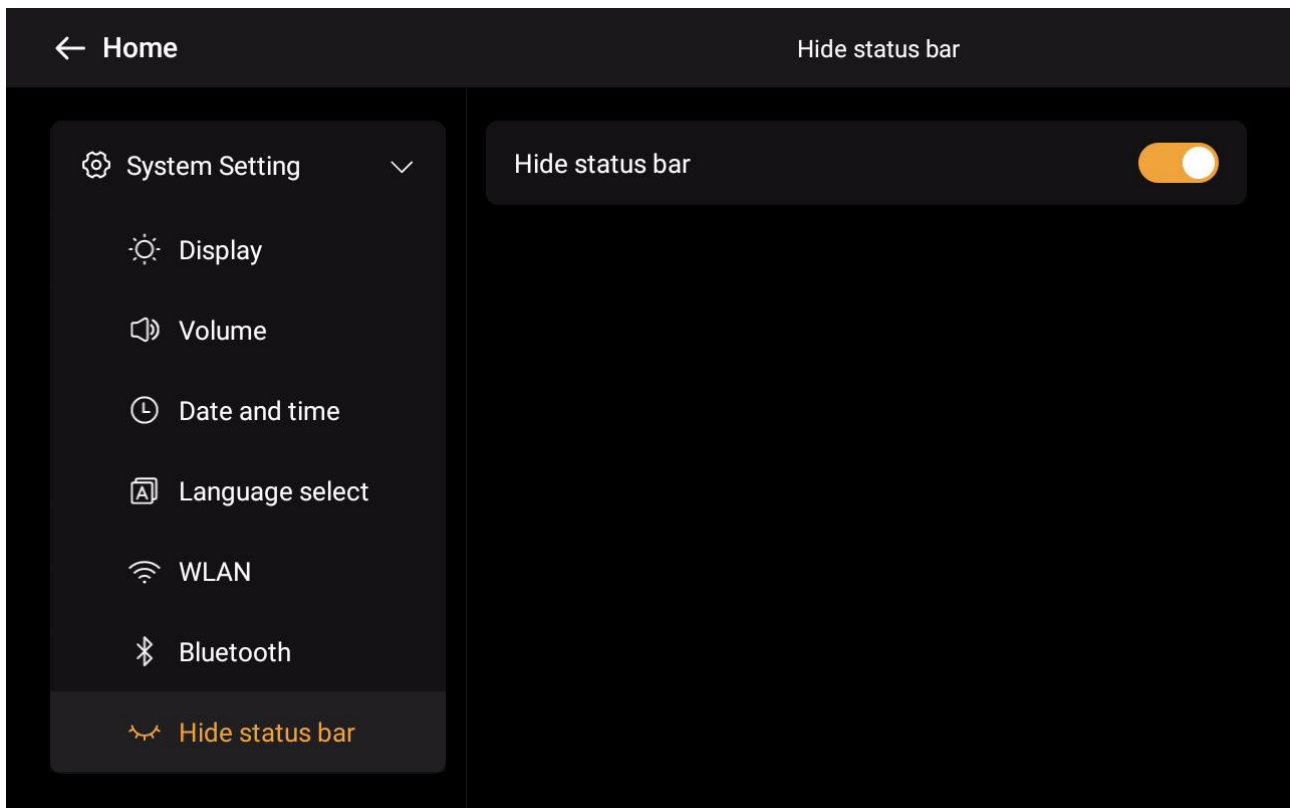
8.1.6. Bluetooth



Bluetooth

- (1) Turn on/off Bluetooth.
- (2) You can modify the Bluetooth name of this device.
- (3) In the "My Devices" list, the currently paired devices as well as previously paired devices are displayed. You can switch between paired devices and also ignore devices.
- (4) In the "Other Devices" list, select a device. After the other party accepts, the Bluetooth connection to the corresponding device will be established.

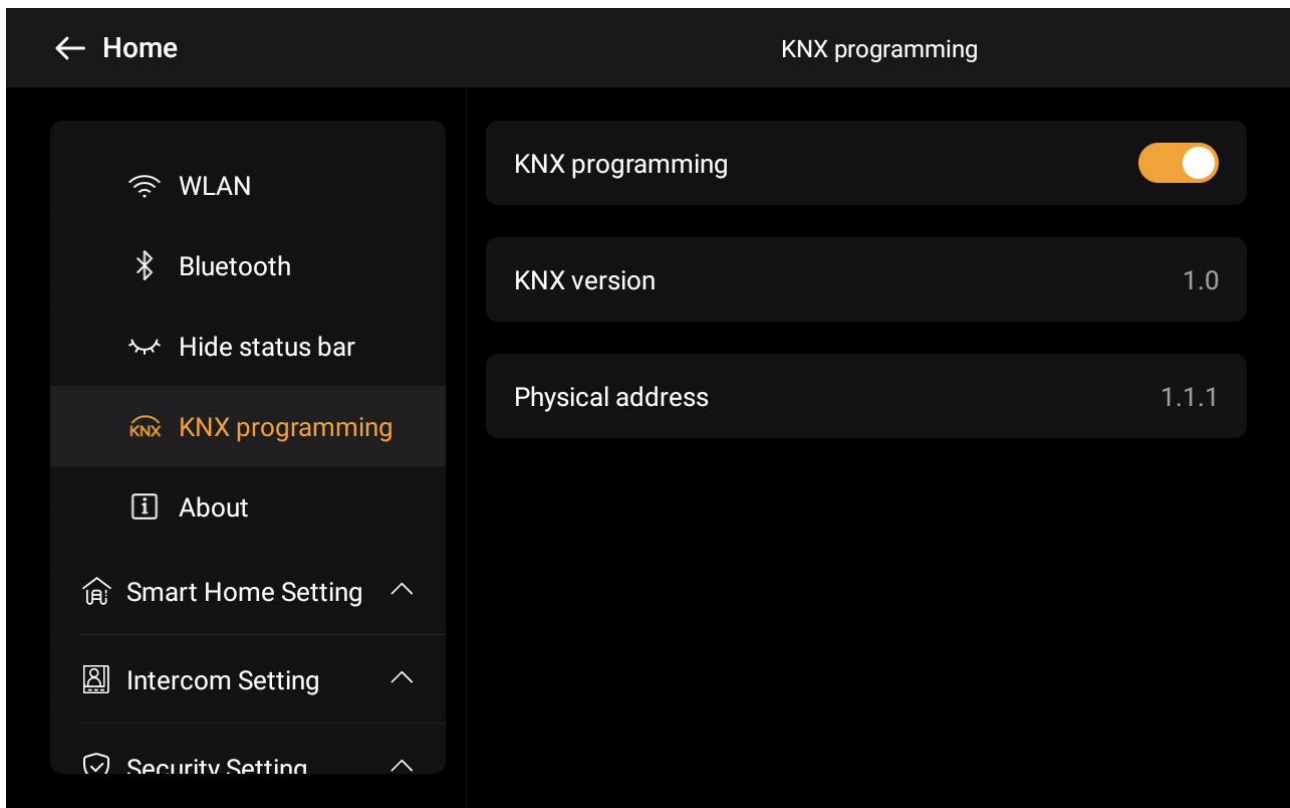
8.1.7. Hide status bar



Hide status bar

(1) Display/Hide the status bar at the top of the home page. When turned on, the icons  are not displayed.。

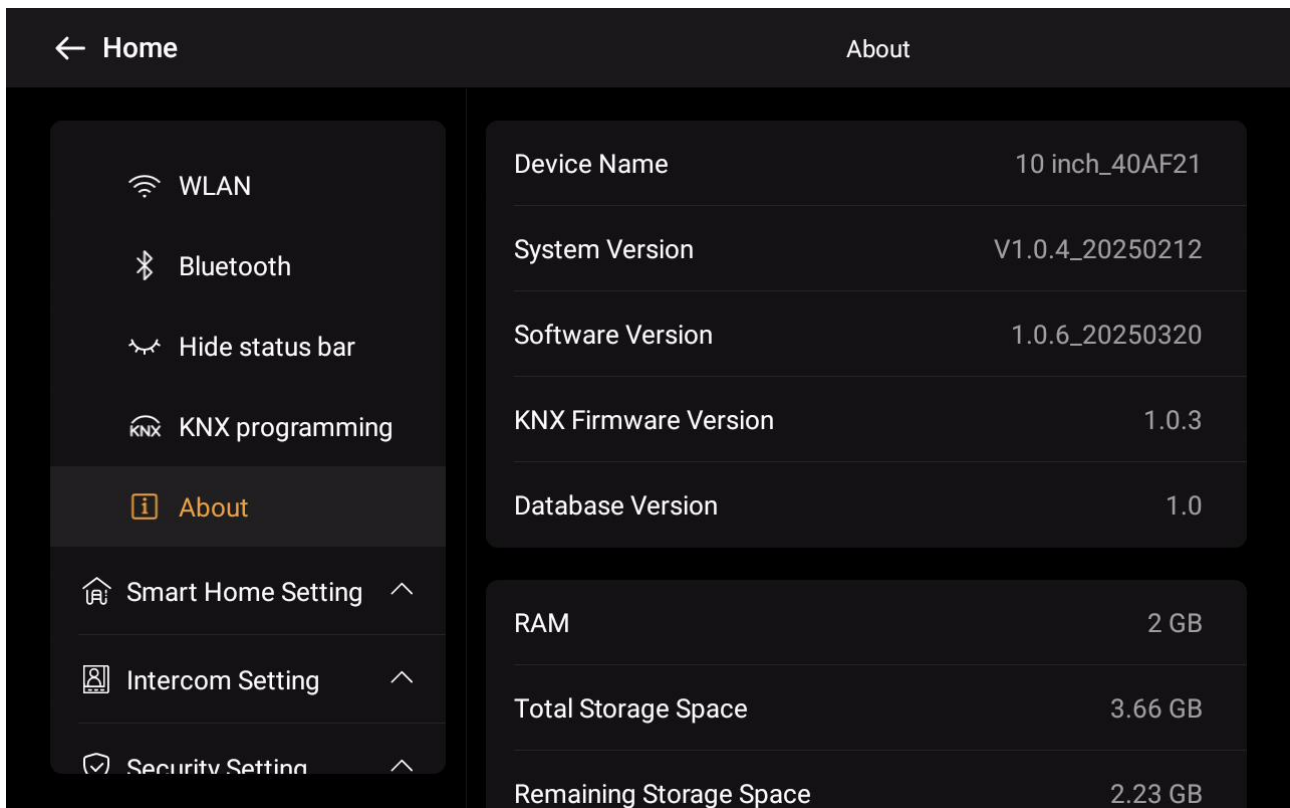
8.1.8. KNX programming



KNX programming

- (1) You can turn on/off the programming mode. The KNX programming mode must be enabled to download the complete KNX database.
- (2) Displays the current version.
- (3) Displays the physical address, which can be set via ETS.

8.1.9. About



About

- (1) Displays device name, system version, software version, KNX firmware version, and database version.
- (2) Displays the device's RAM, storage space, and remaining storage space.
- (3) Displays resolution: 1280×800.
- (4) Displays the MAC address.
- (5) Displays the KNX SN code.
- (6) Displays the LAN(Intercom), WAN(Internet), Mask, Gateway, DNS1 and DNS2 addresses when connecting to the wired network, which can also be customized through "Project Settings" - "Network settings".
- (7) Displays the WLAN, Mask, Gateway, DNS1, and DNS2 addresses when connecting to a WLAN.
- (8) Display WLAN SIP Account, LAN SIP Account, SIP Account 1, SIP Account 2, Cloud SIP Account, Device Center Address, Device ID. Among others, SIP Account and Device ID can be customized through "Project Settings"- "SIP

Account".

Reboot

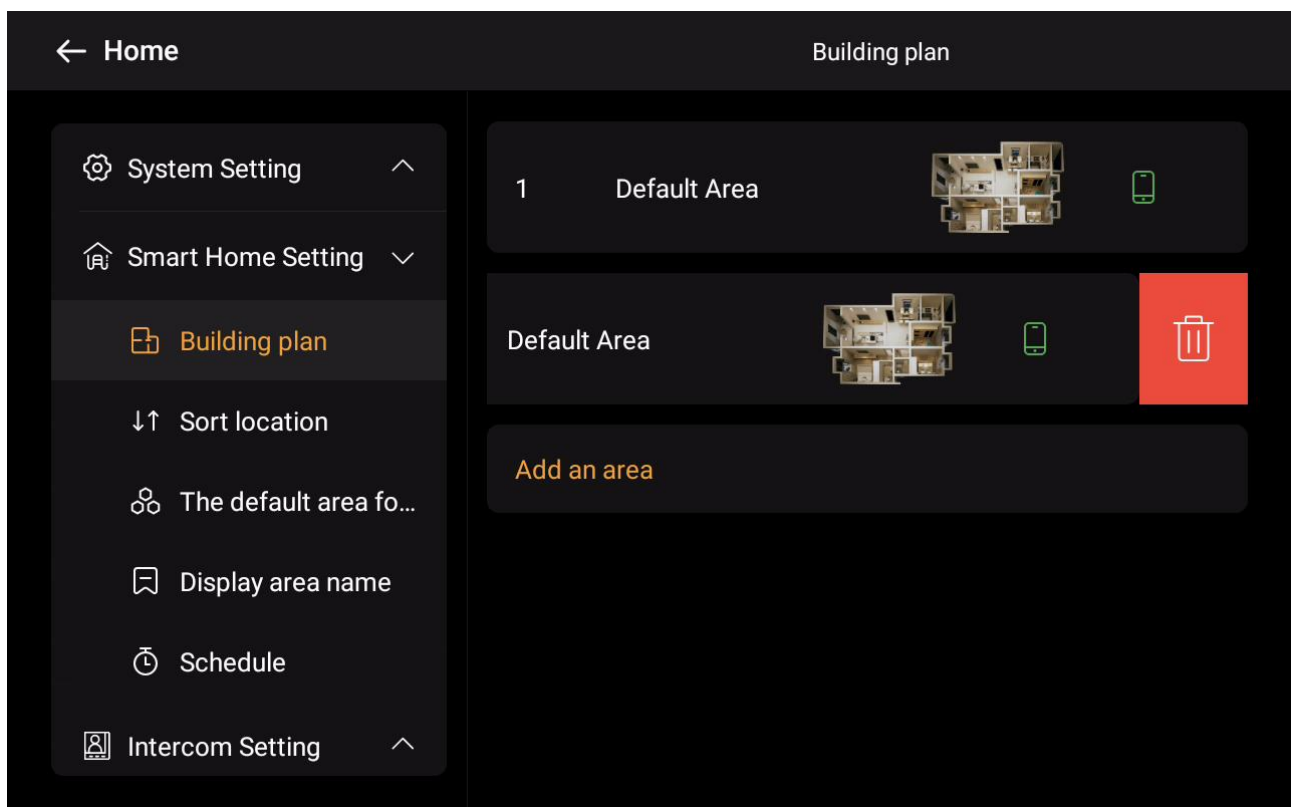
(9) Touch icon and confirm, the device will restart.

Restore Default Settings

(10) Touch icon and confirm, it will restart in 5s and restore to the default configuration state. Only the original database configuration and address book configuration will be retained, and all user configured functions and settings will be reset.

8.2. Smart Home Setting

8.2.1. Building plan



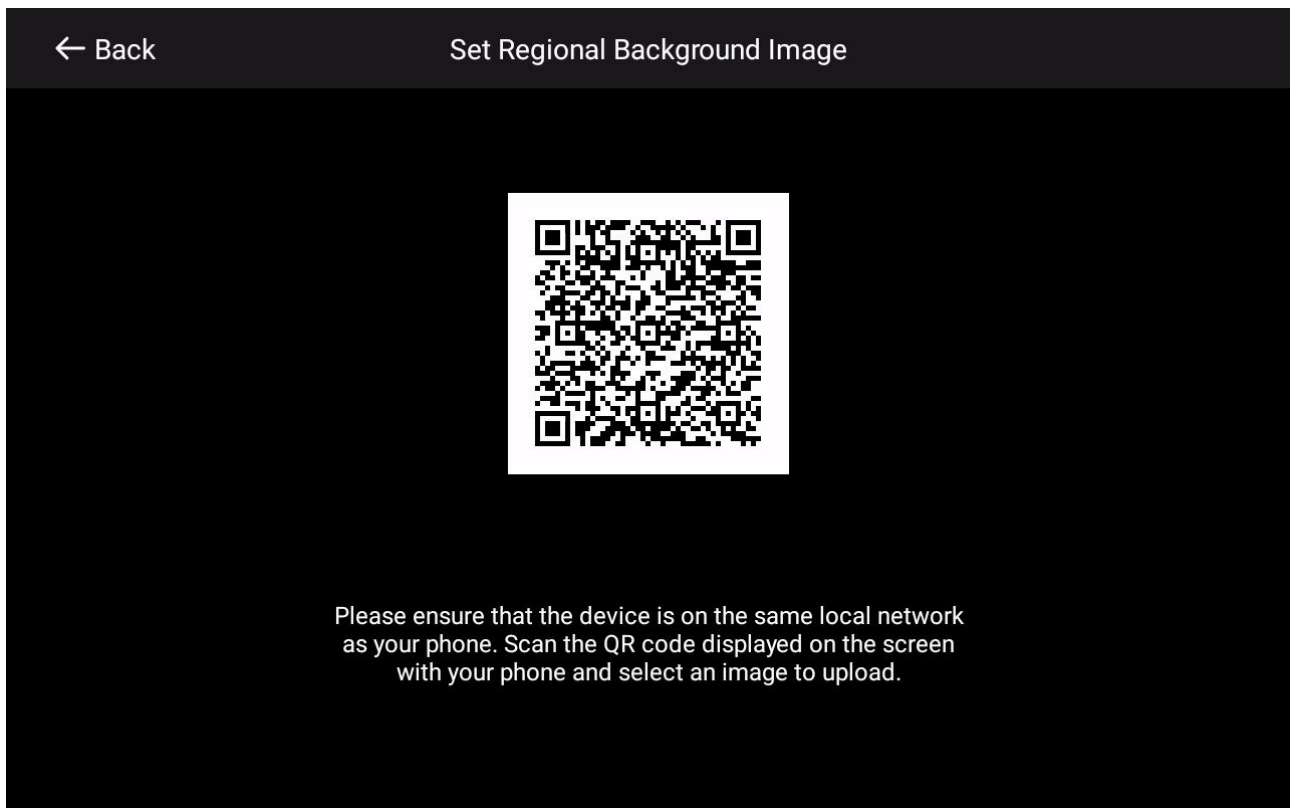
Building plan

(1) Slide left on the building plan entry and touch on the icon  to delete the building plan.

(2) Touch "Add an area" to add up to 32 building plan.

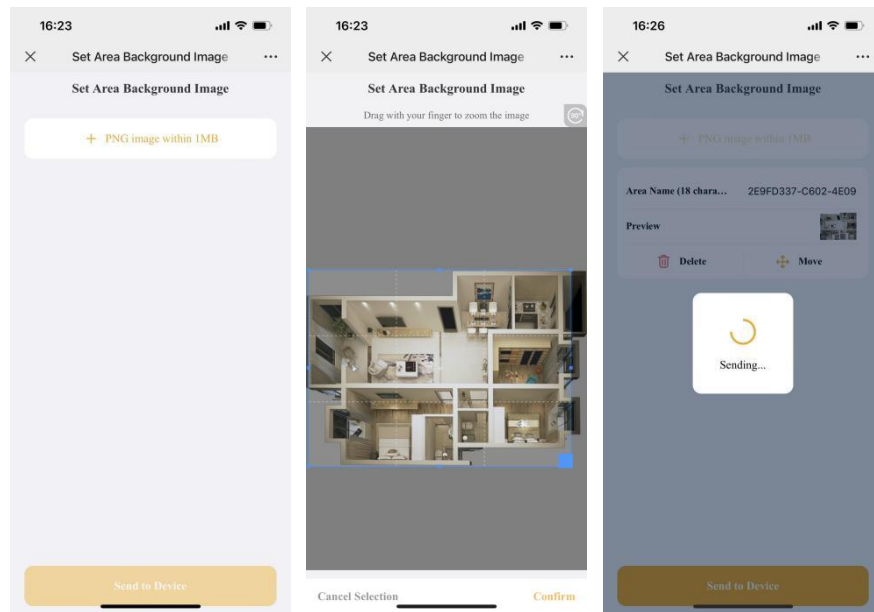
The way to upload a building plan is as follows:

- a. Keep the device and phone on the same WLAN, touch the icon  to pop up following QR code then scan it with the phone:



Range setting-QR code

- b. Select a photo in the phone to send to device. Support PNG picture within 1MB, you can customize the area name. Touch "Send to device" when finished:

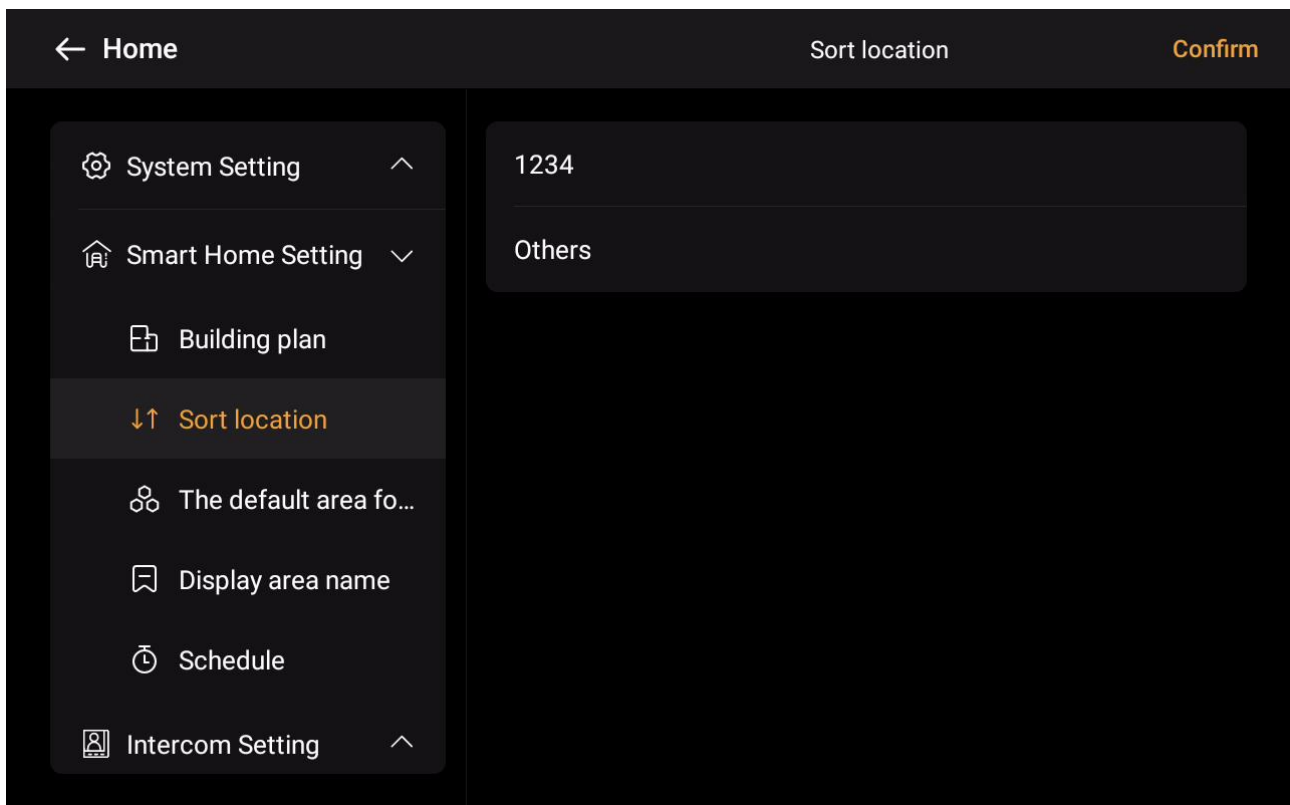


Upload the floor plan on the mobile phone

- c. The device receives the new building plan and enter to the preview page, where you can touch “Confirm” to complete the upload, or choose to “re-upload” :

8.2.2. Sort location

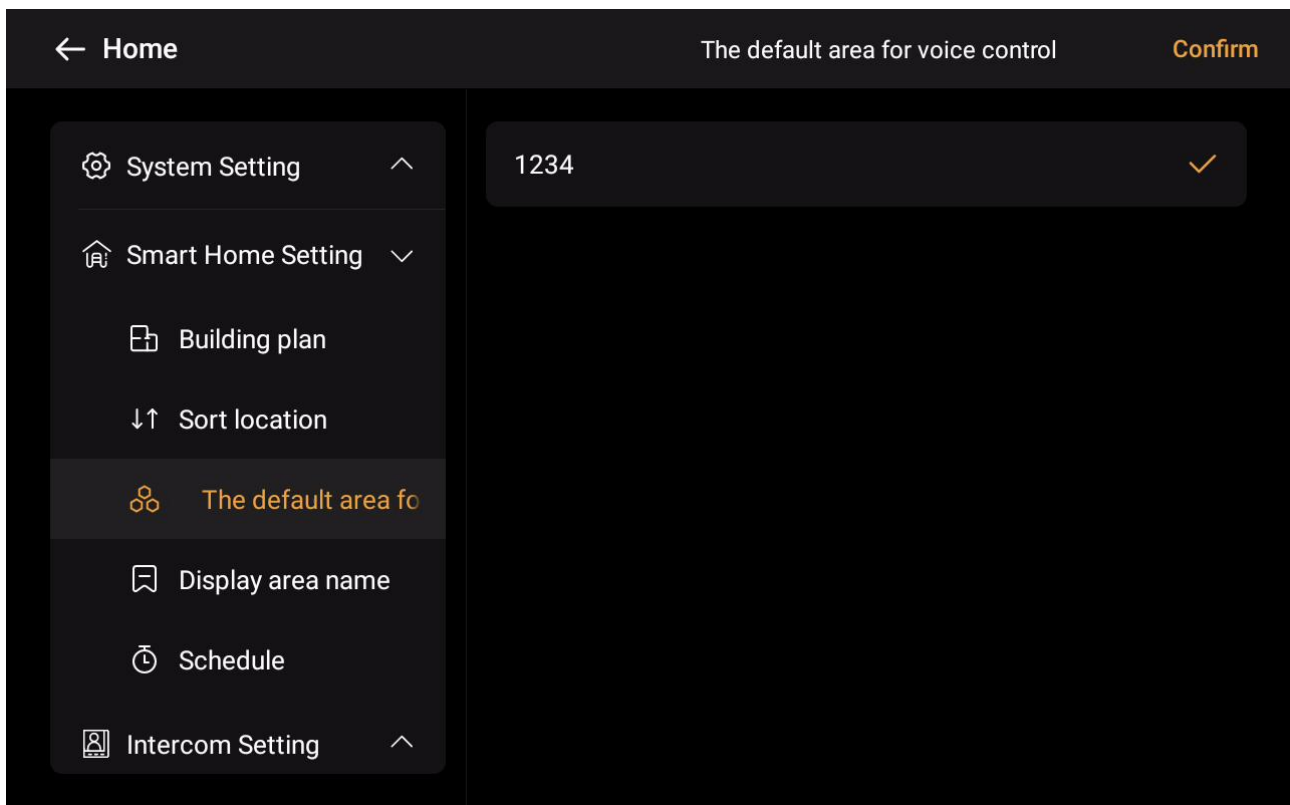
Hold and drag the entry to reorder the areas. In the device page, when sorted by area, the devices will be displayed in this order.



Sort location

8.2.3. The default area for voice control

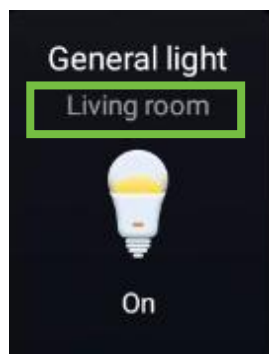
You can select one area as the default area. When there are devices with the same name in different areas, the voice control function will operate the device in the default area. For example, if both the living room and the bedroom have devices named "light," and the bedroom is set as the default area, when the user gives the command "turn on the light," the device in the bedroom will be turned on, not the one in the living room.



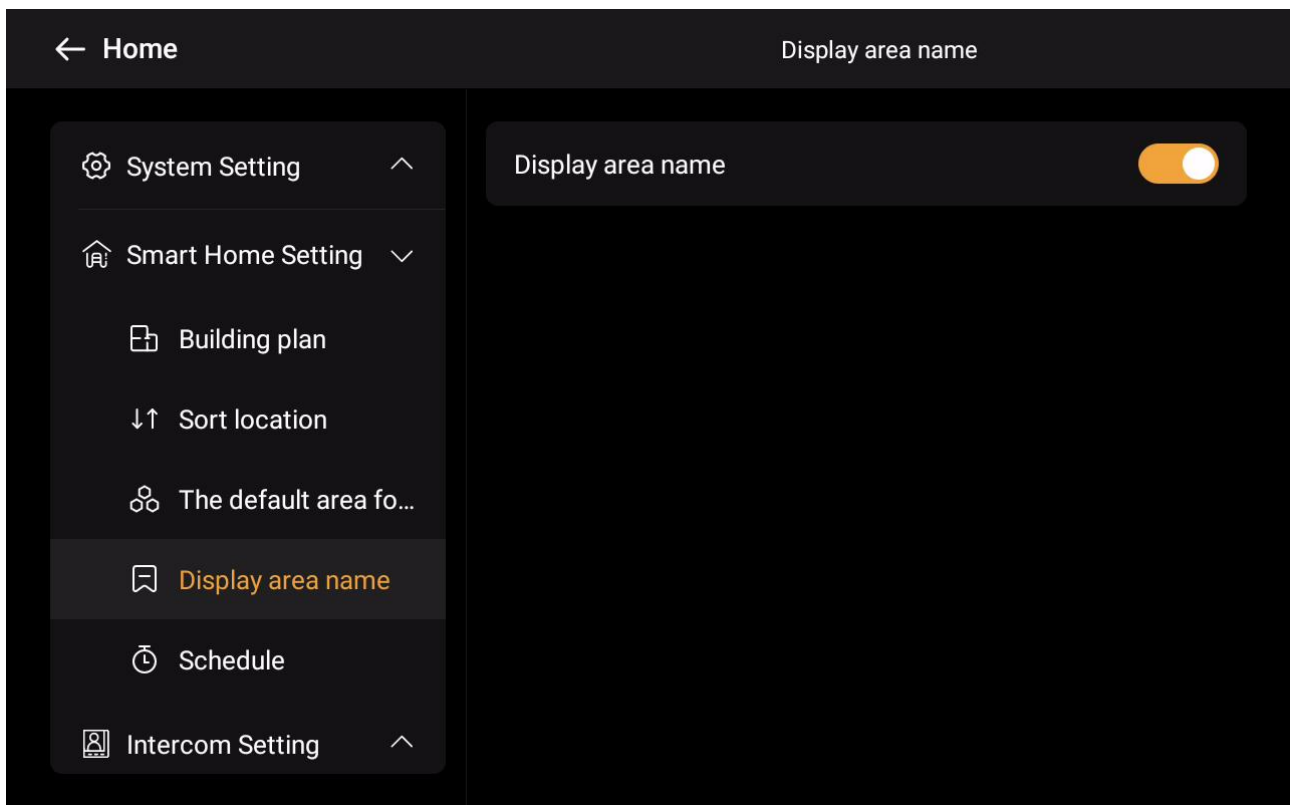
The default area for voice control

8.2.4. Display area name

You can choose whether to display the area name. When turned off, the area name will not be shown on the device card.

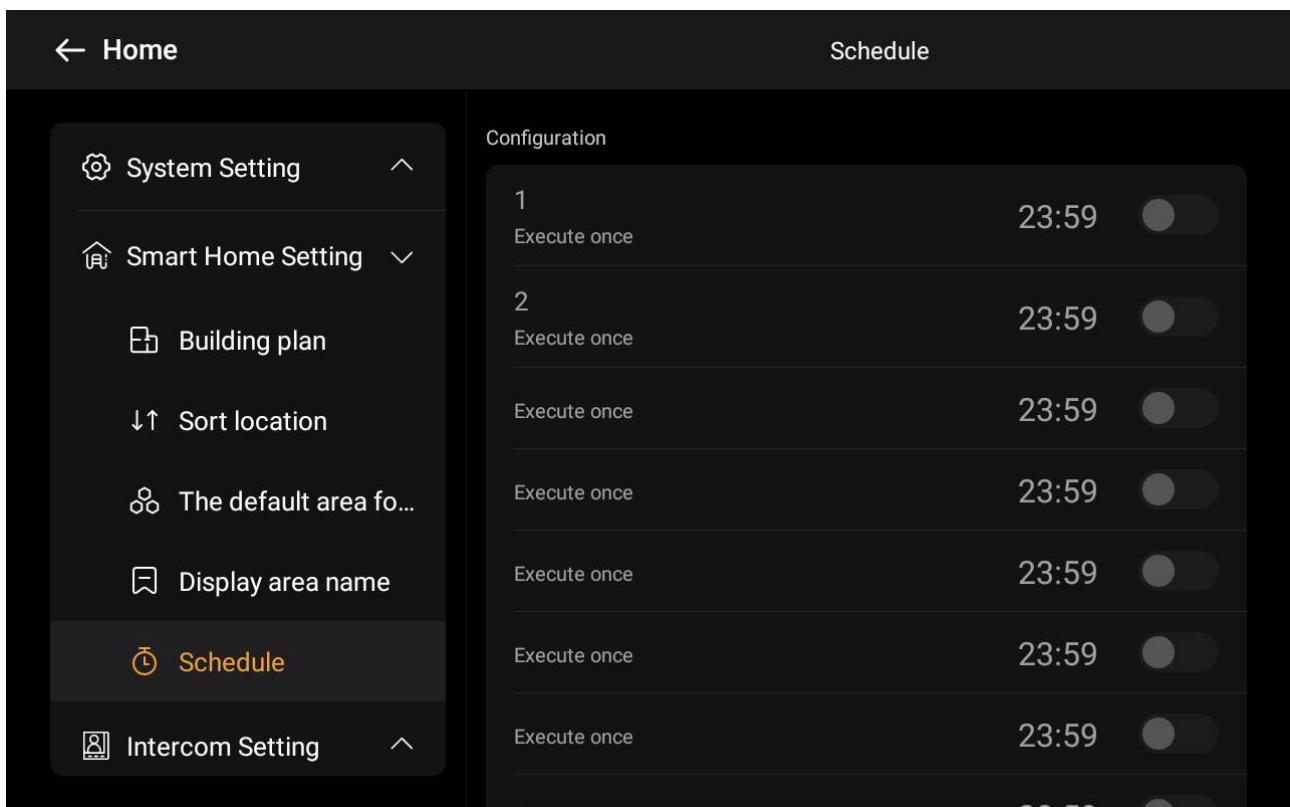


Device Card-Display area name

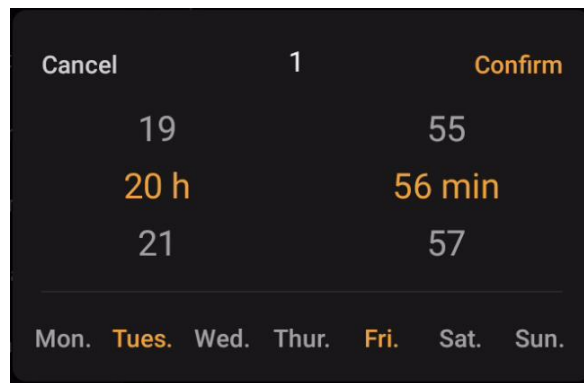


Display area name

8.2.5. Schedule



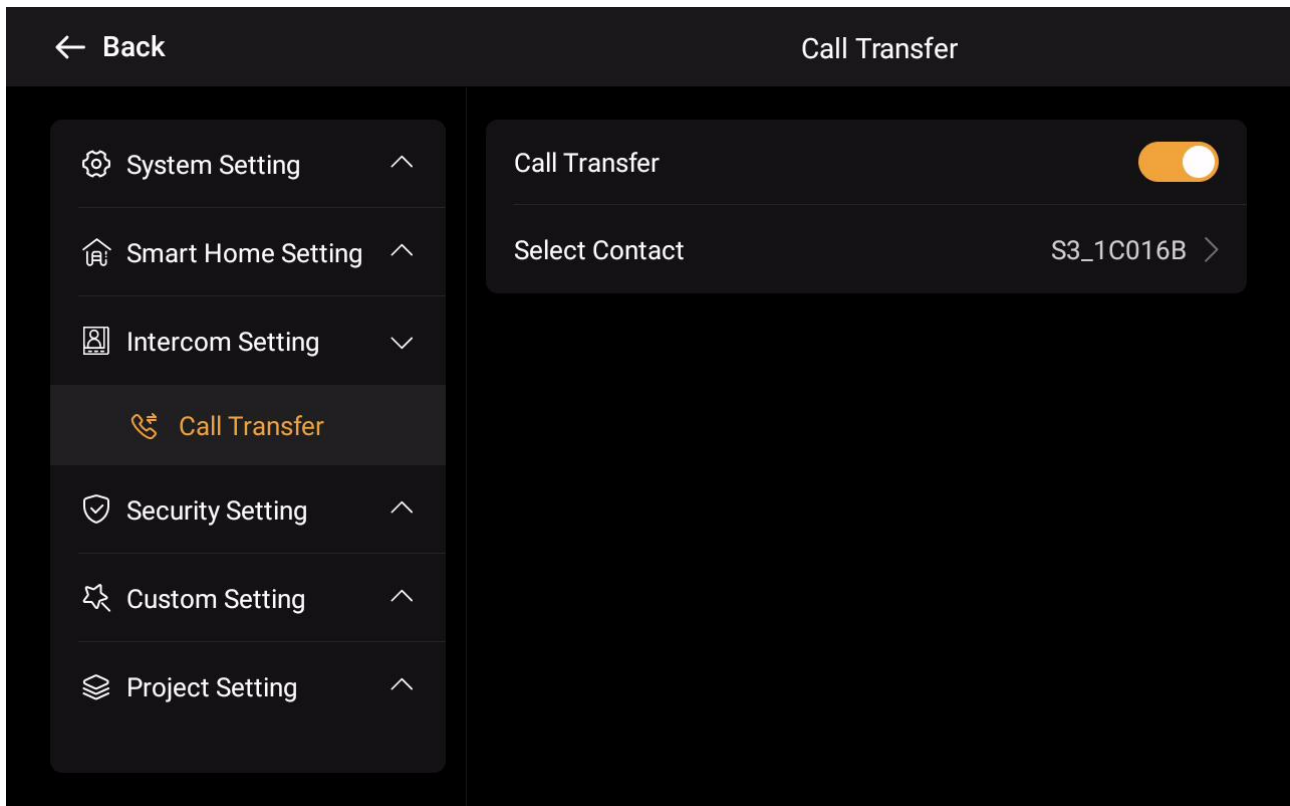
Schedule



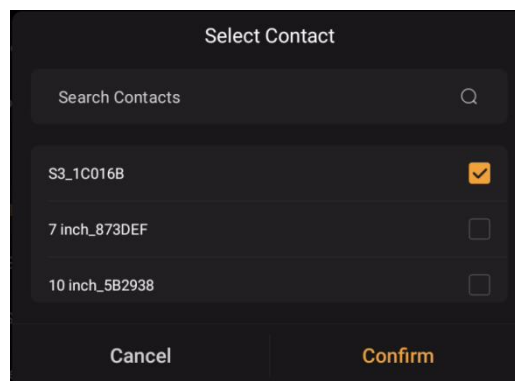
- (1) Displays the weekly timer tasks configured by ETS and the device timers set on this machine.
- (2) Schedule switch to manually active/inactive schedule tasks for each day of the week.
- Configuration: The task name, time, and repeat are customized by the ETS, the time and repeat can also be modified on the screen.
 - Personal schedules: The schedule set by the user in the HVAC device, are managed uniformly here, and the time, repeat can be modified on the screen.
- (3) When the schedule switch with parameters configured, the default is on. If the schedule of the day is on, the time will execute the corresponding schedule task when it arrives, and the specific time can be customized. If don't need the schedule on that day, you can inactive manually. The button on the right side of the screen is used to manually active/inactive the schedule for the day.

8.3. Intercom Setting

8.3.1. Call Transfer



Call Transfer

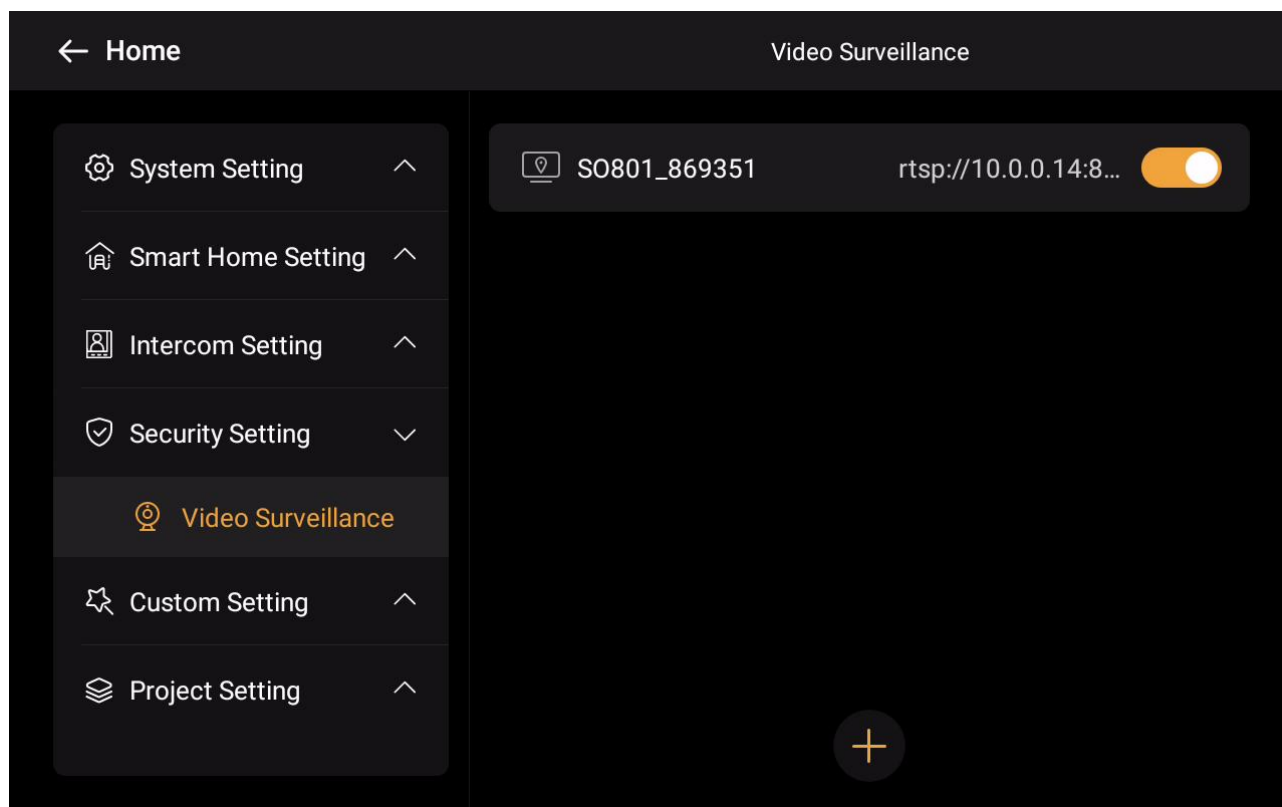


Call Transfer_Select Contact

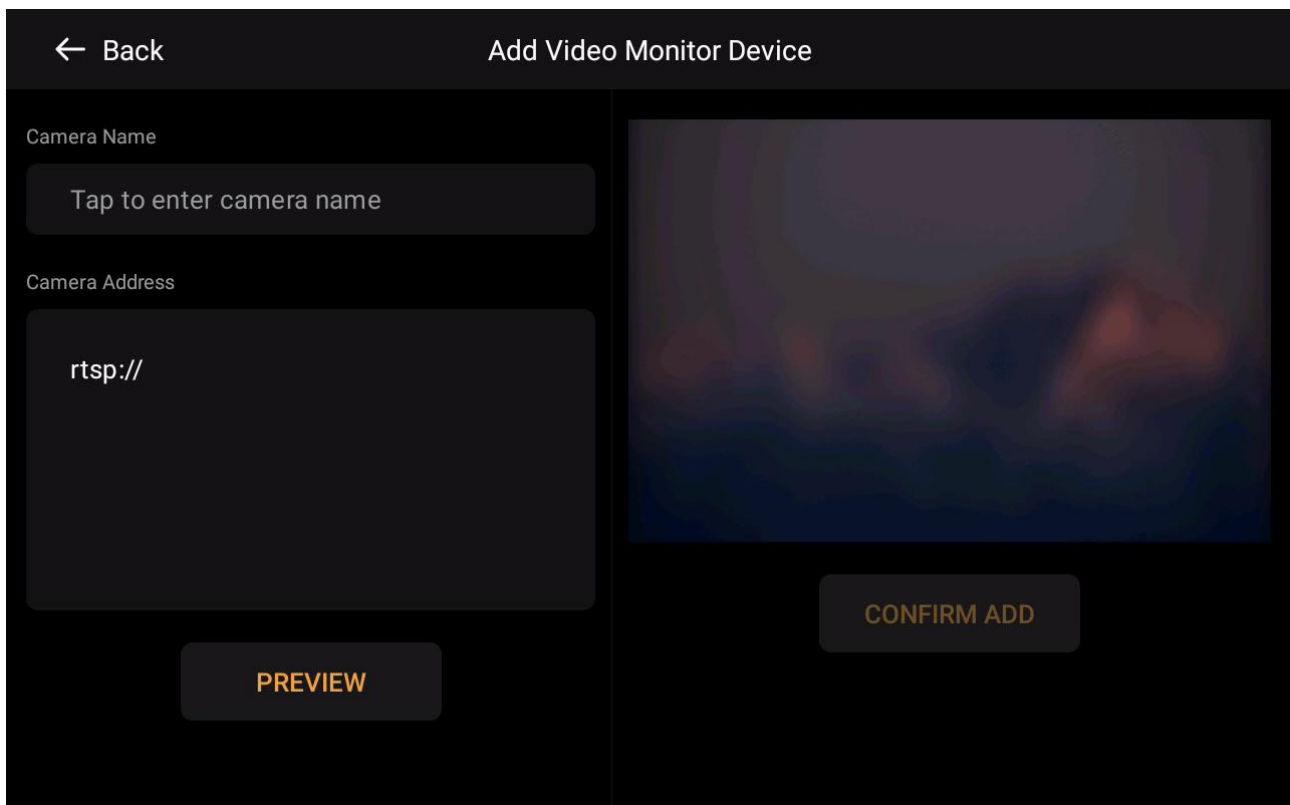
- (1) Enter the password to enter the call forwarding settings page
- (2) Turn on/off call forwarding. When turned on, you need to select a device. If another device calls this device and the call is not answered within 5 seconds of ringing, the call will be forwarded to the selected device.

8.4. Security Setting

8.4.1. Video Surveillance



Video Surveillance



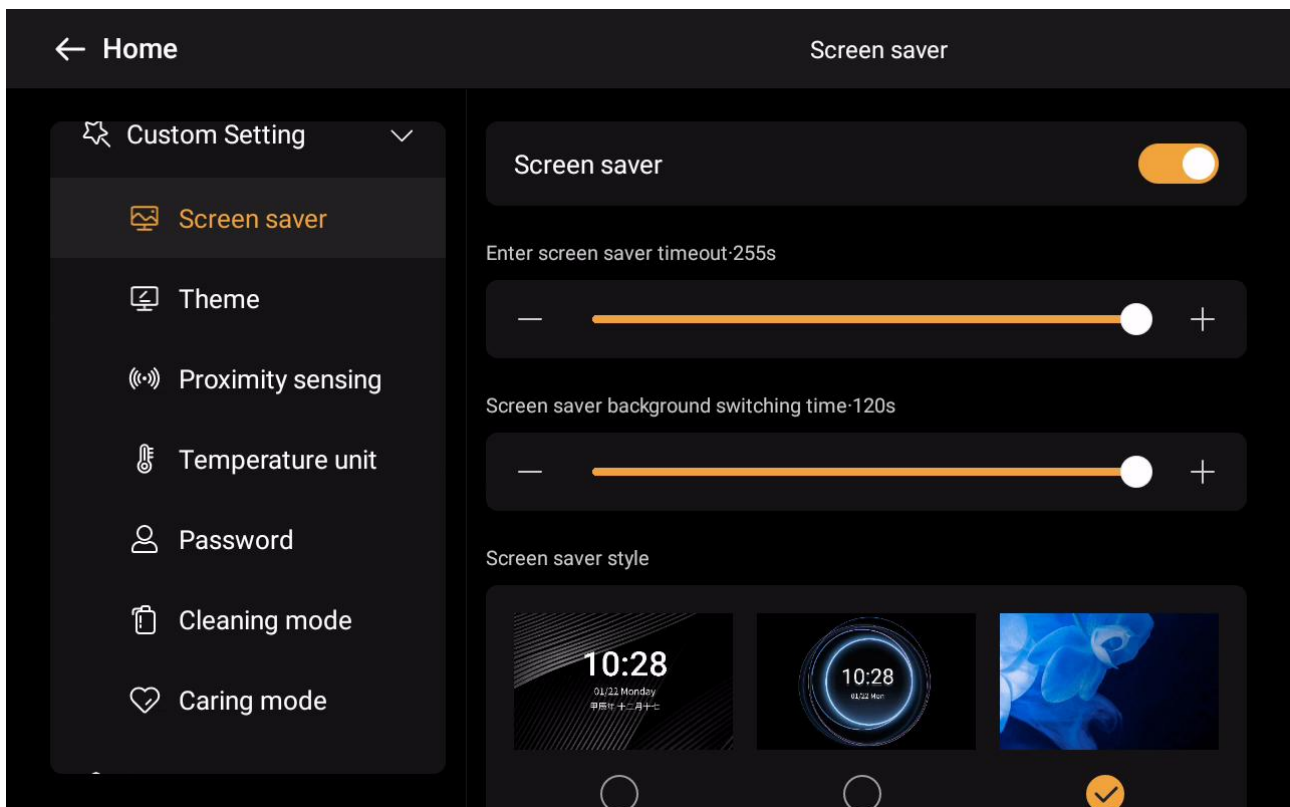
Add Video Monitor Device

- (1) Displays the name and address of the monitoring device.
- (2) You can turn on/off the surveillance device.
- (3) Click the icon  to enter the interface for adding surveillance devices. Enter the camera name and address, click "Preview" to see the camera footage in the right area, and click "Confirm Add" to add the surveillance device.

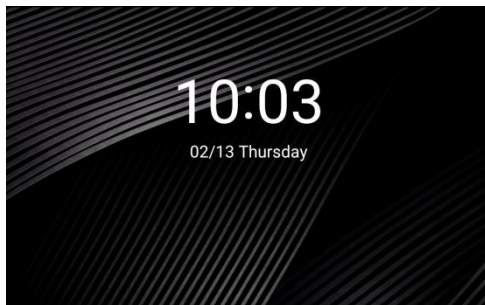
8.5. Custom Setting

8.5.1. Screen saver

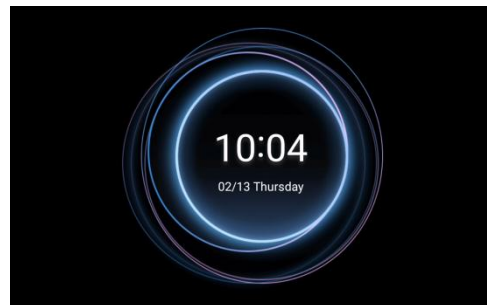
The digital, dial, weather, shortcut , and album screensaver that comes with the system can be selected through the ETS parameter configuration.



Screen saver



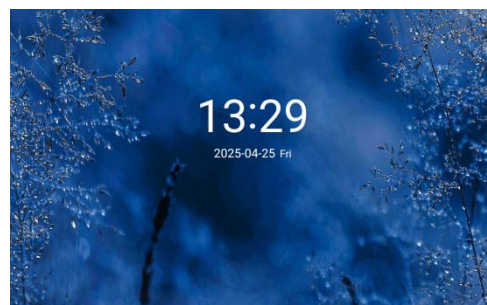
Screen saver 1 (digital)



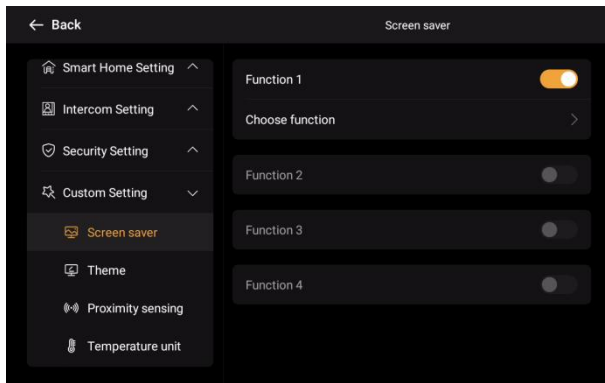
Screen saver 2 (dial)



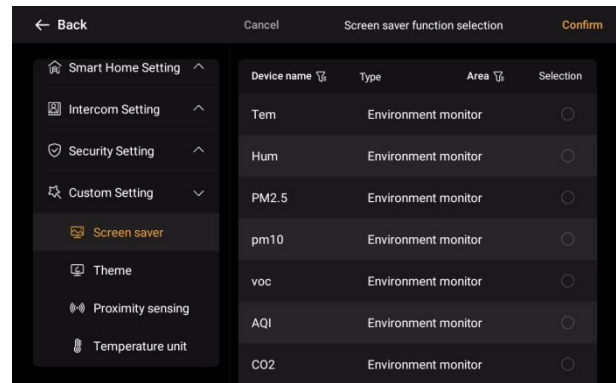
Screen saver 3 (weather)



Screen saver 4 (shortcut)

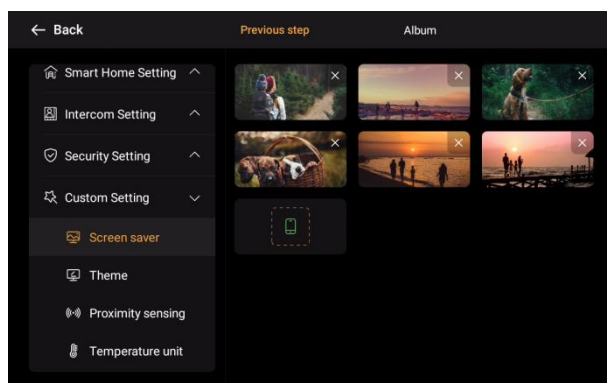


Shortcut-Screen saver setting

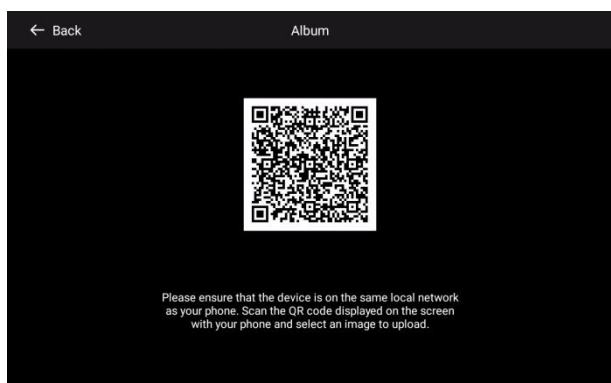


Shortcut-Screen saver function selection

selection



Album



Album-Scan

- (1) Active/inactive screensaver setting.
 - (2) Enter screen saver timeout: The time from no operation to entering the screensaver mode, with a selectable range of 5 to 255 seconds.
 - (3) Screen saver background switching time: The time interval for switching the screensaver background image, with a selectable range of 5 to 120 seconds.
 - (4) Digital Clock Screensaver and Dial Screensaver: After entering the screensaver mode, the current time and date will be displayed.
 - (5) Weather Screensaver: Displays the current time and date, as well as the current temperature, humidity, and UV intensity of the local area.
 - (6) The shortcut screensaver: The environmental detection value can be displayed in the screensaver, and the display content is customized by the user.
- The steps are as follows:

After selecting the shortcut screensaver, "Edit Shortcut functions" will be

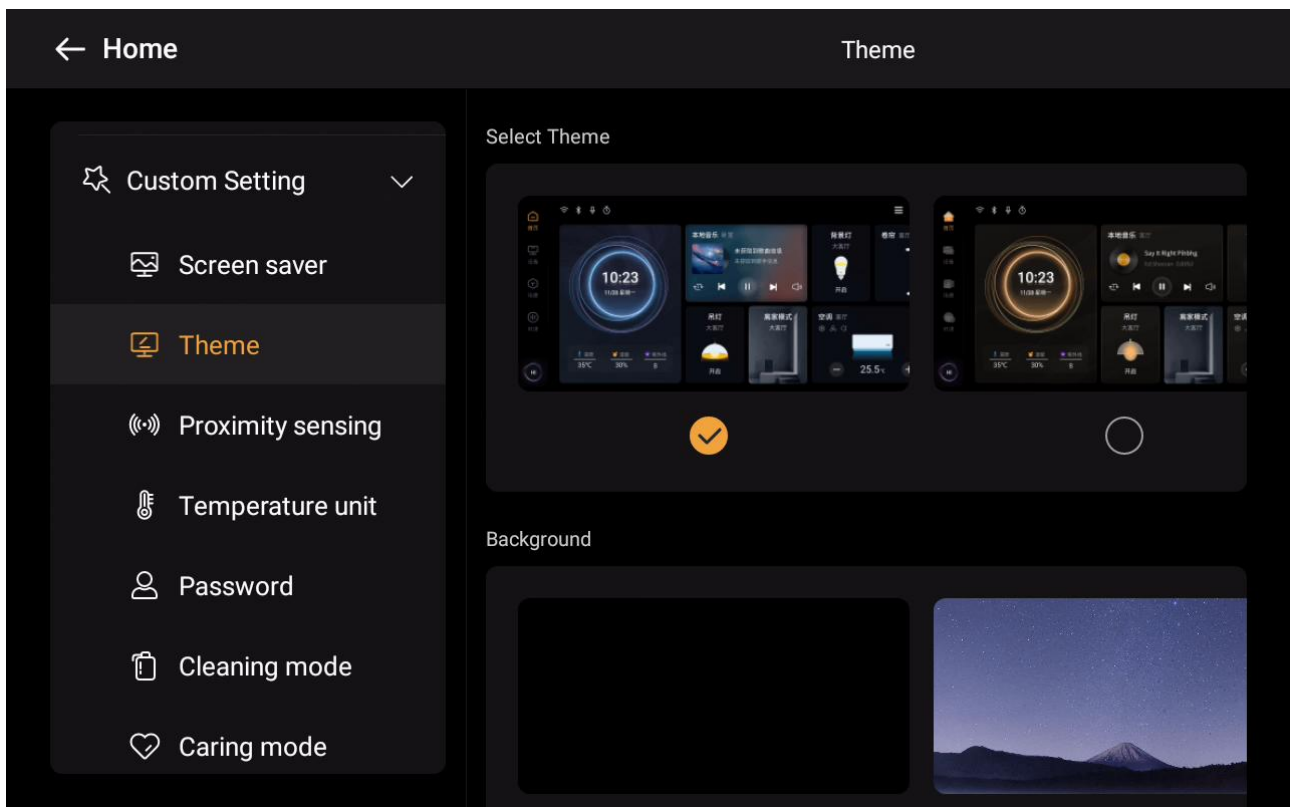
displayed at the bottom of the page. Touch on this function, up to 4 shortcut functions will be select. Click to enter the screensaver settings interface. Click on the "Function Selection" section to enter the screensaver function selection interface. Select a device to view the corresponding sensor values in the screensaver.

(7) The album screensaver: Touch to enter the customize album page. The system rotates albums by default, and supports scanning to importing phone.

Import new album through phone: Touch on the icon , scan the QR code to upload pictures. The uploading method is the same as the add building plan, there will not be repeated. Up to 9 images can be uploaded.

8.5.2. Theme

3 theme and 4 background to select.



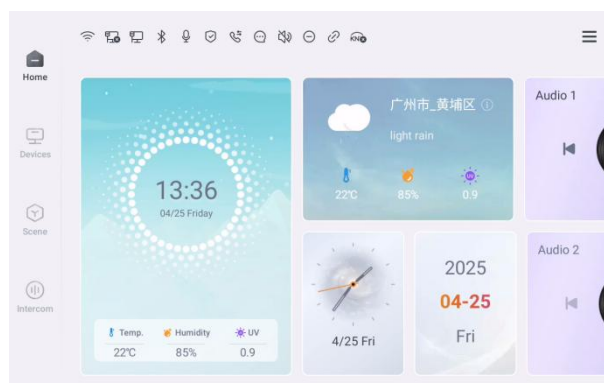
Theme



Theme 1



Theme 2



Theme 3



Background 1



Background 2



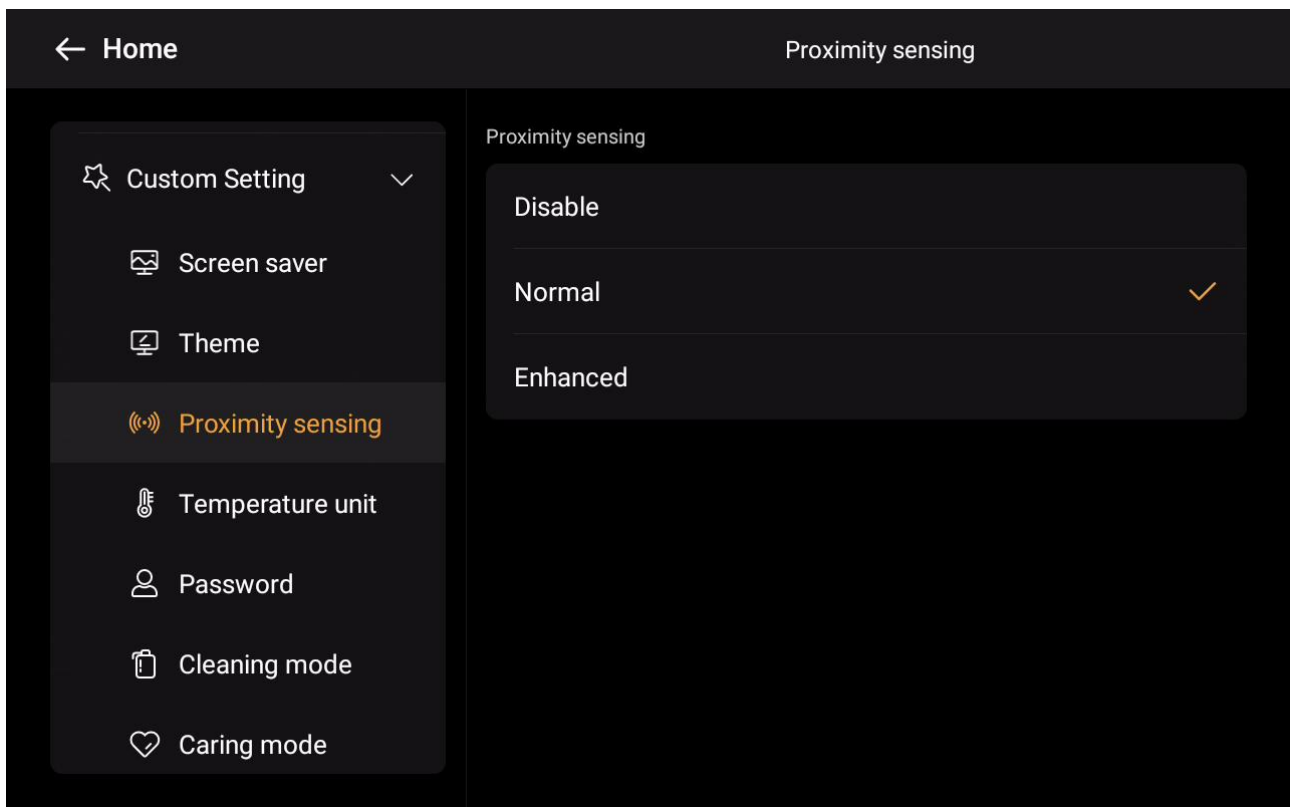
Background 3



Background 4

8.5.3. Proximity sensing

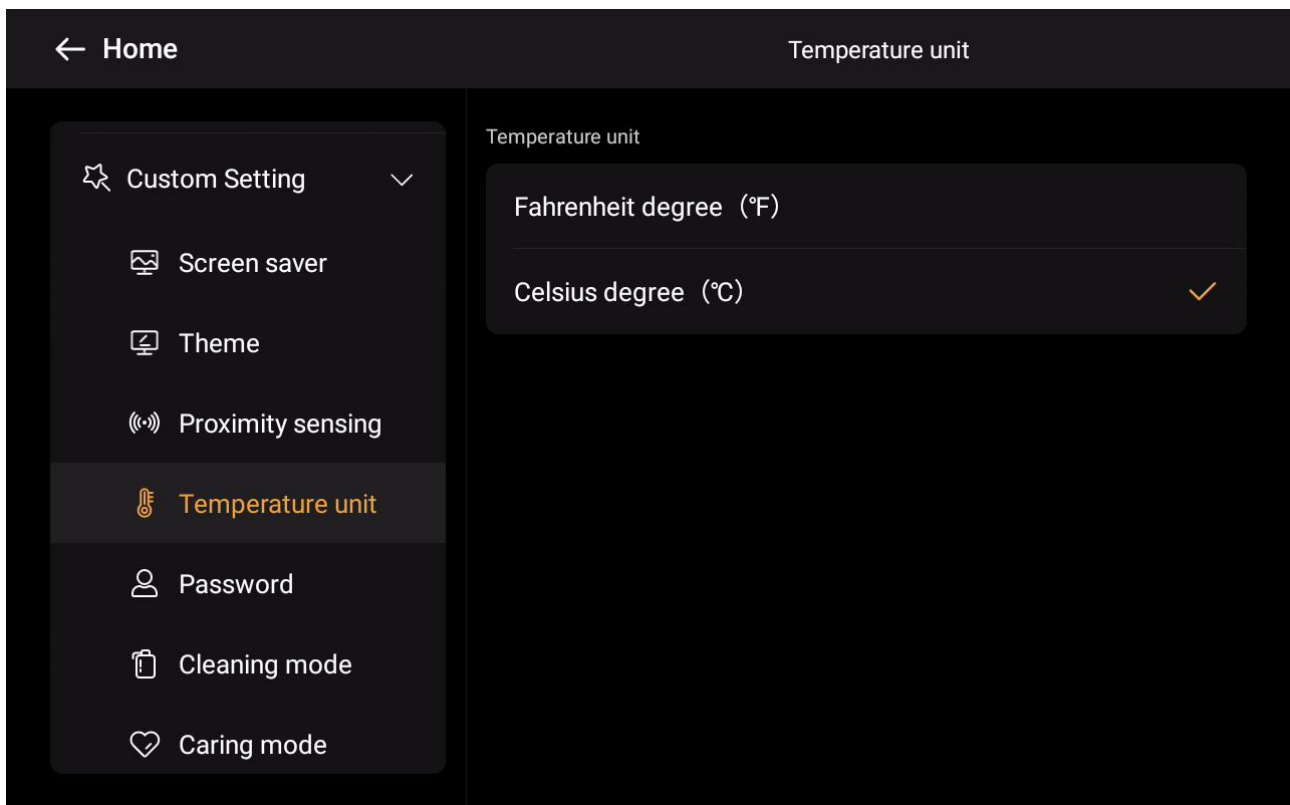
Set the proximity detection distance. Options include: Disabled, Normal Sensitivity (approximately 30 cm), and Enhanced Sensitivity (approximately 60 cm). When the device detects a person approaching, it will wake up and enter the operation page or the security page.



Proximity sensing

8.5.4. Temperature unit

Set the temperature unit for screen display. You can choose between Fahrenheit (°F) or Celsius (°C).



Temperature unit

8.5.5. Password

(1) User Password and Custom Passwords (i.e., Password 1/2/3):

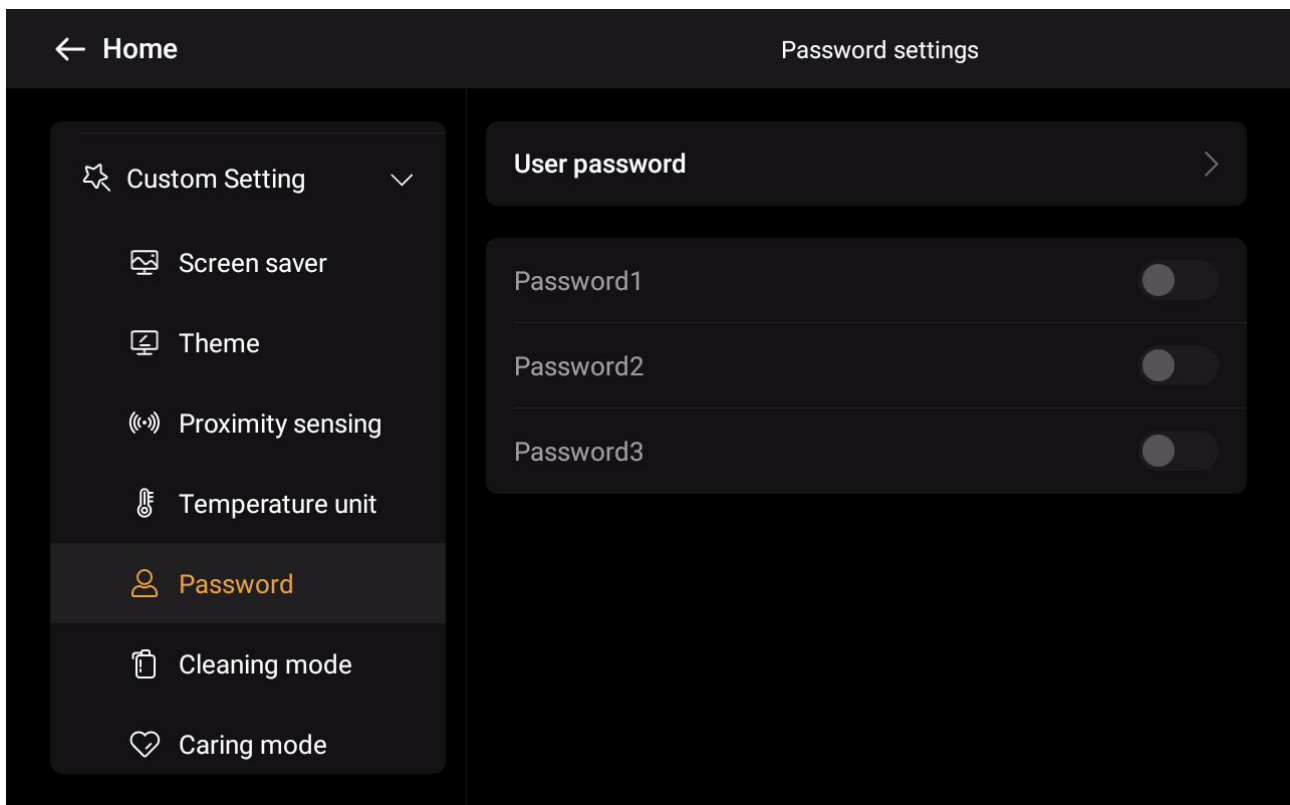
- a. The initial user password is 666666, and it can be modified.
- b. Custom passwords are set by the user and can be enabled or disabled.
They can also be modified.

(2) Arm/Disarm, Call Forwarding, SOS:

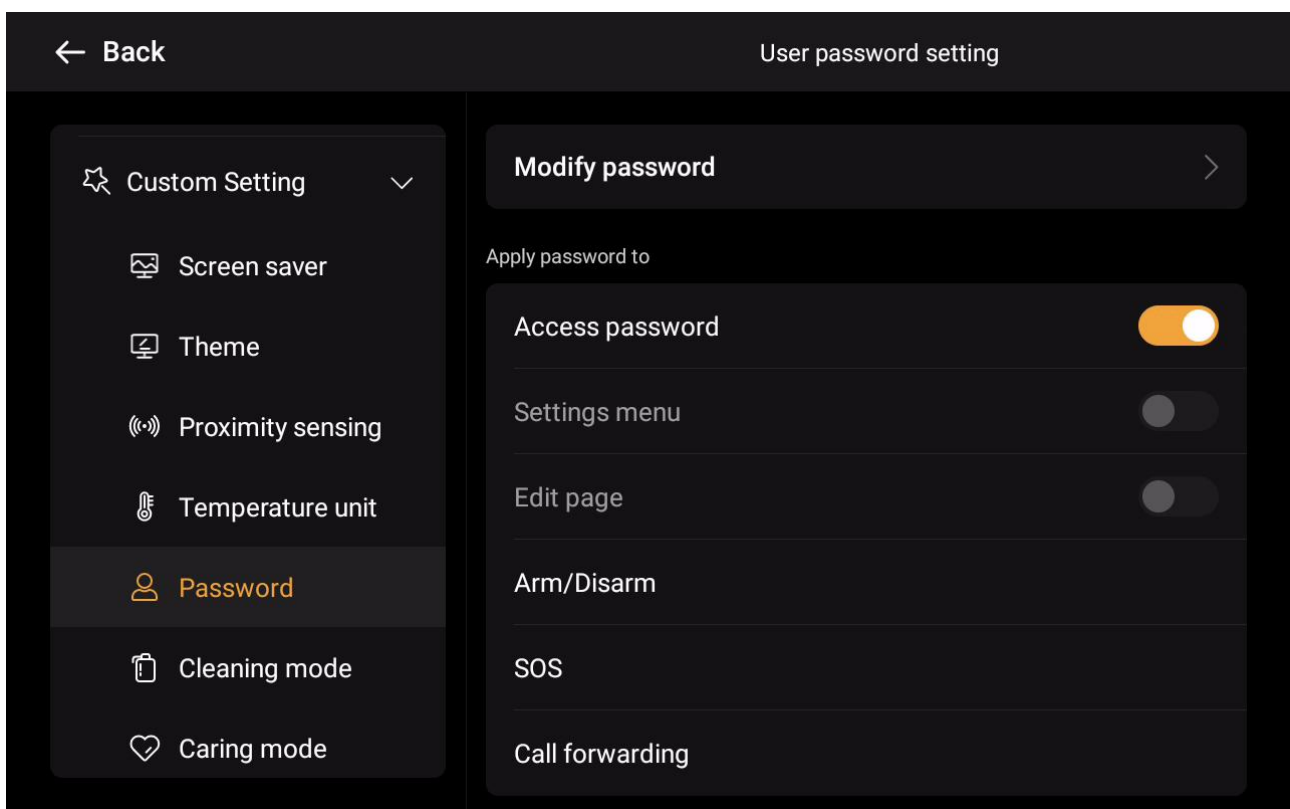
- a. These functions require the user password to be entered.

(3) Access Password, Settings Menu, Page Editing:

- a. You can choose to use no password, the user password, or a custom password.
- b. If both the user password and a custom password are enabled for the same module, either password can be used for authentication.



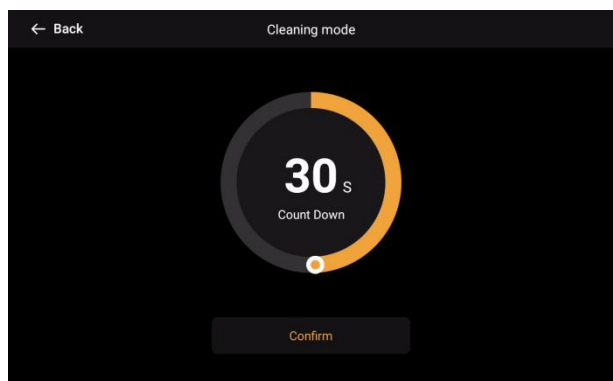
Password



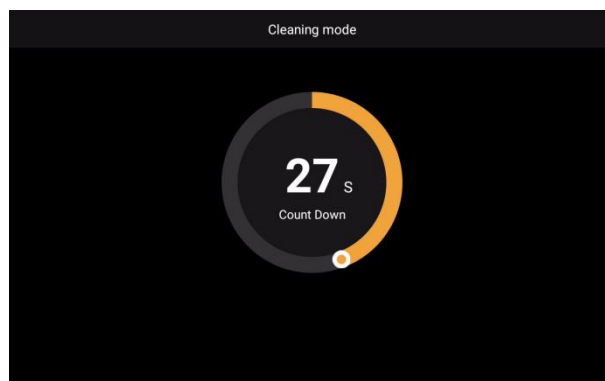
User Password Setting

8.5.6. Cleaning mode

You can set the countdown time in cleaning mode. The minimum setting time is 5s, the maximum setting time is 60s. Touch "Confirm" to enter the cleaning mode countdown page, and the page is invalid for touching during the countdown period.



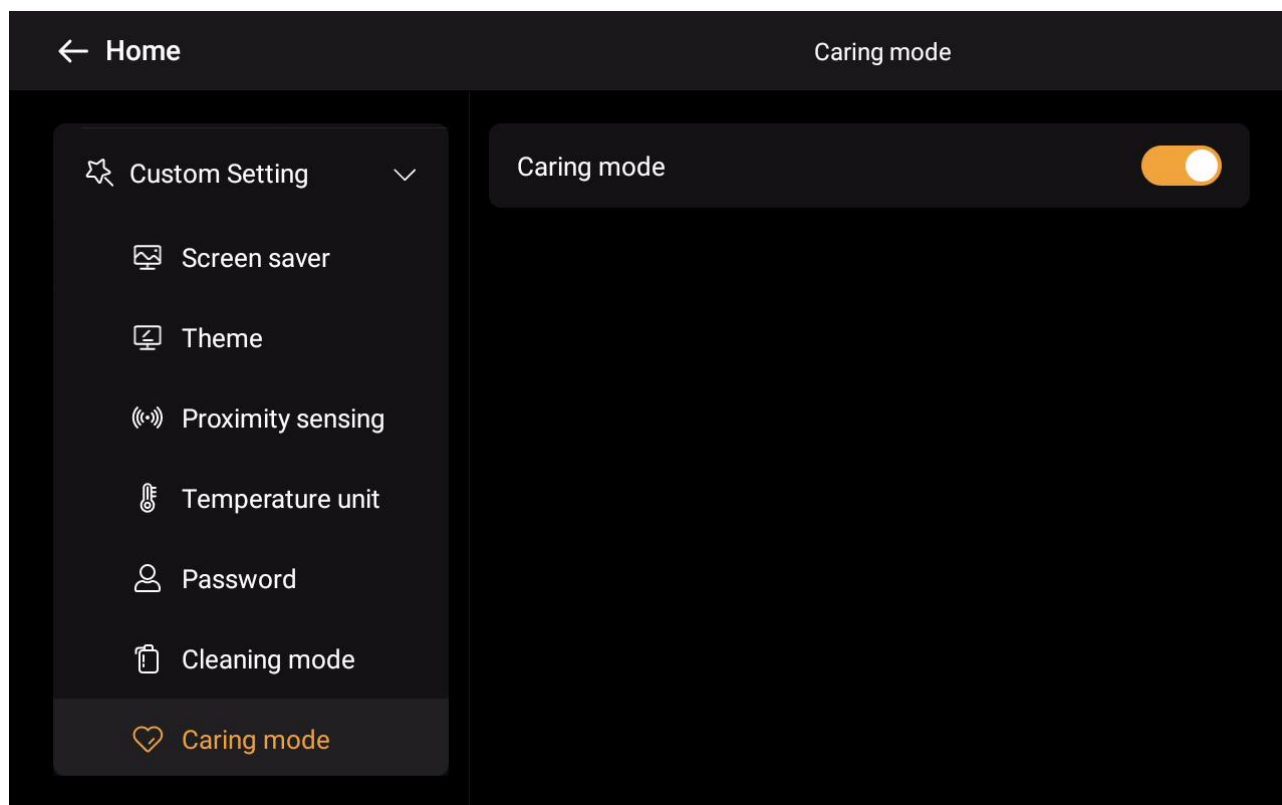
Cleaning mode-countdown time setting

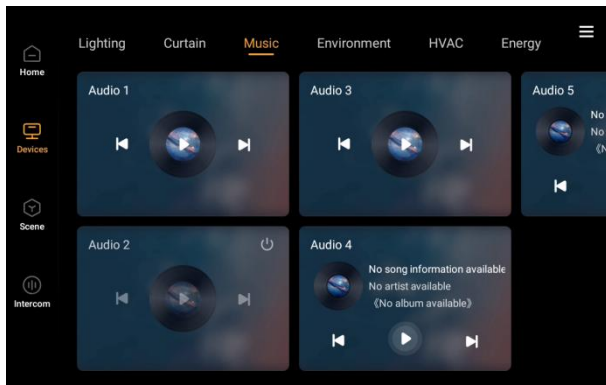


Cleaning mode-in effect

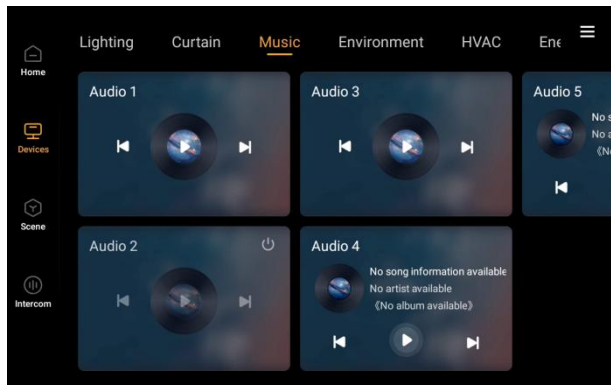
8.5.7. Caring mode

After enabling, the font size on this device's interface will be larger.





Turn off the Care Mode



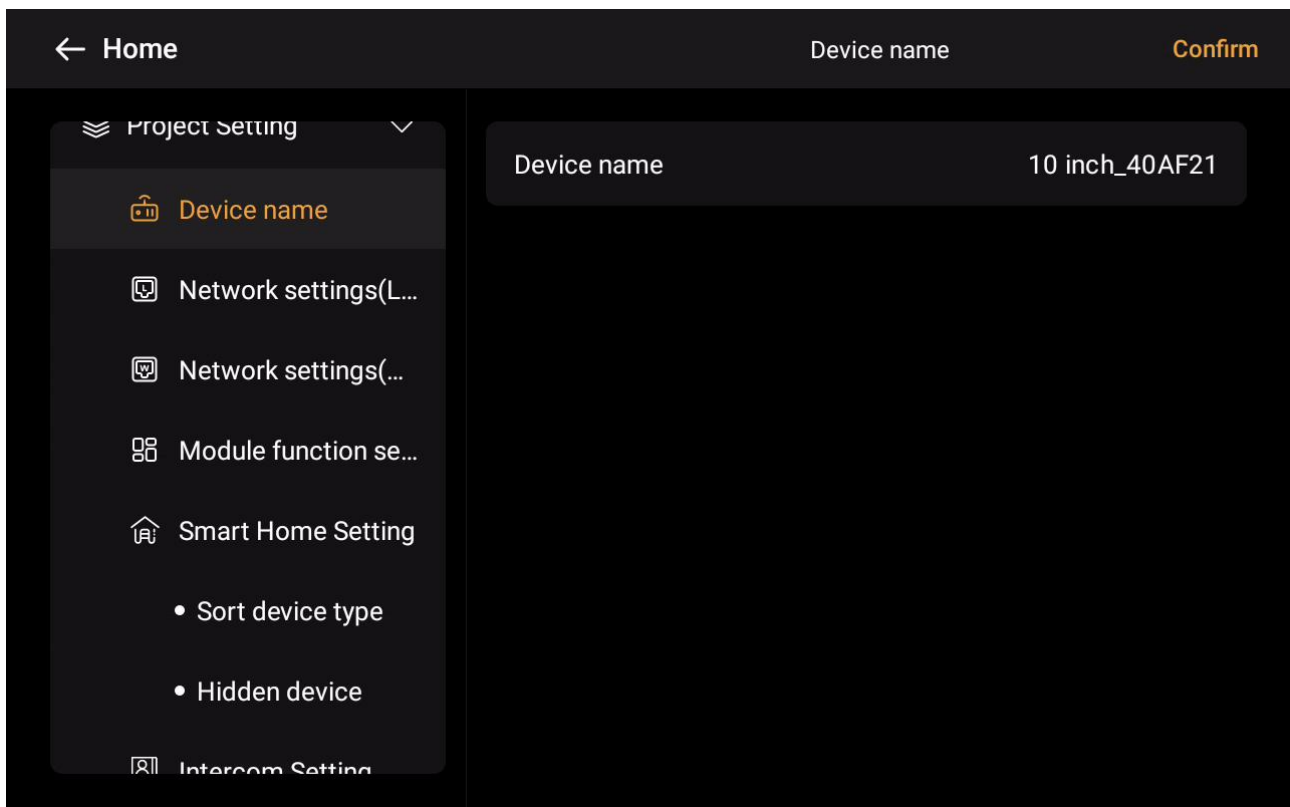
Turn on the Care Mode

8.6. Project Setting

You need to first enter the engineering password 801801.

8.6.1. Device name

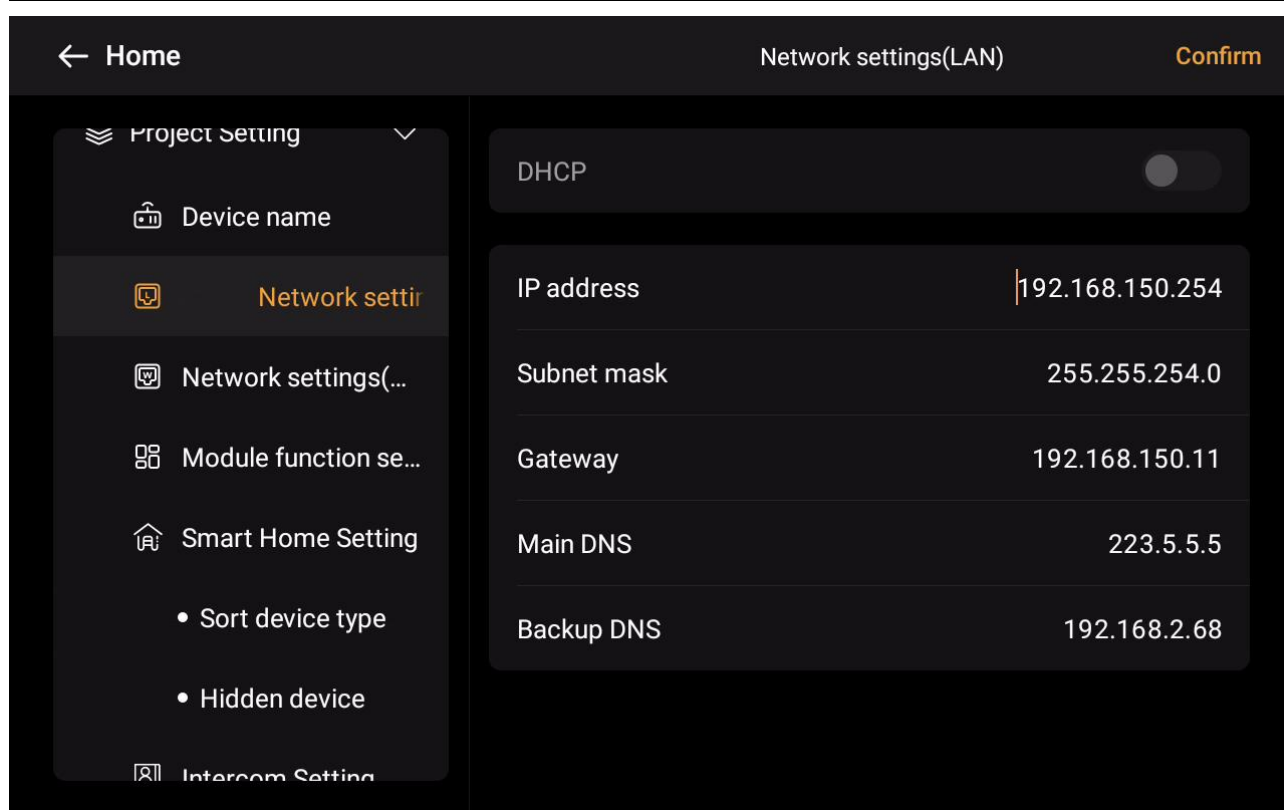
You can modify the device name. If you need to use the SIP account information from the address book, you must set the device name to match the device name corresponding to the account information in the address book. The device will prompt you with a pop-up window asking whether to use the account information from the address book.



Device name

8.6.2. Network settings(LAN)

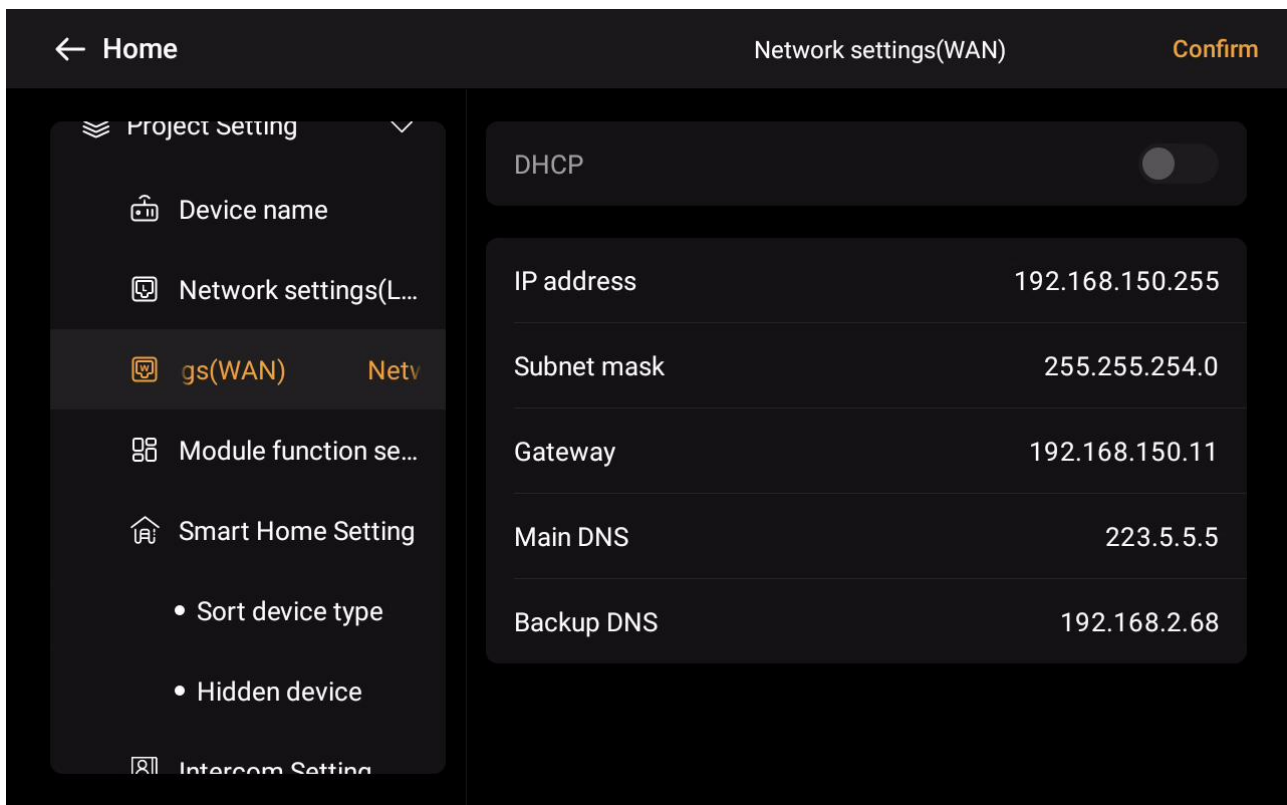
DHCP: After turning it off, you need to manually configure the network by entering the IP address, subnet mask, gateway, and DNS.



Network settings(LAN)

8.6.3. Network settings(WAN)

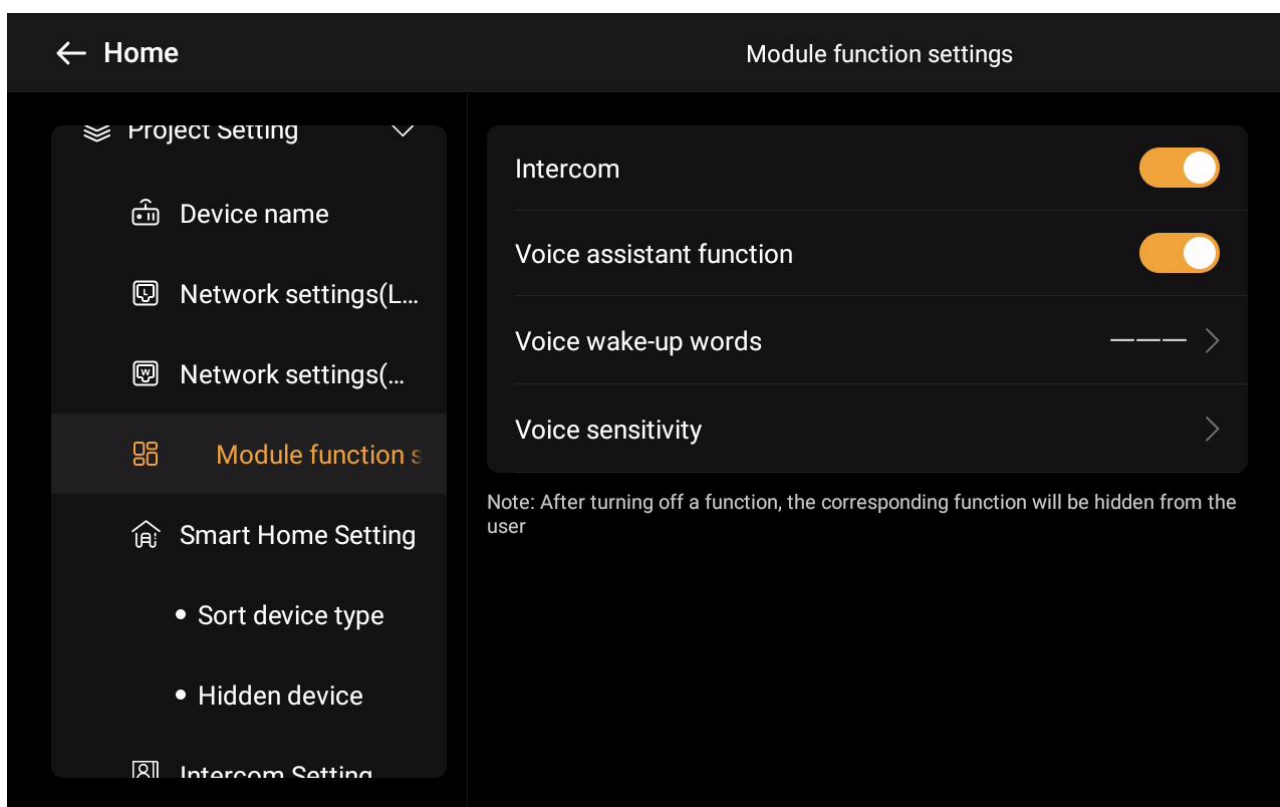
DHCP: After turning it off, you need to manually configure the network by entering the IP address, subnet mask, gateway, and DNS.



Network settings(WAN)

8.6.4. Module function setting

- (1) Intercom and Voice Assistant Functions: Enable/Disable the device function modules. When turned off, the related interactions and UI will not be displayed by default.
- (2) Voice Wake-up Word: You can modify the voice wake-up word. The wake-up word is used to activate the voice function.
- (3) Voice Sensitivity: There are 10 levels. Level 1 means the device is more sensitive to voice recognition, while Level 10 means the device is relatively less sensitive to voice recognition.

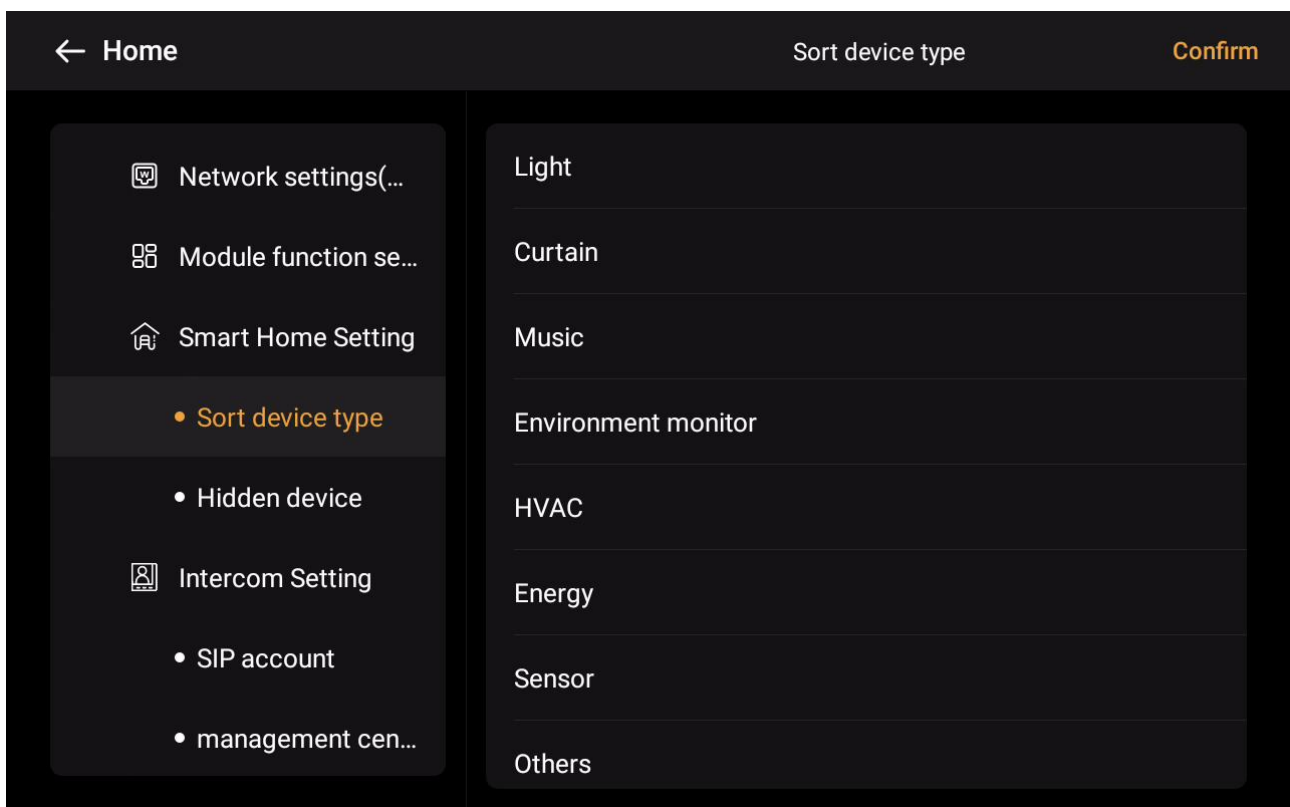


Module function setting

8.6.5. Smart Home Setting

8.6.5.1. Sort device type

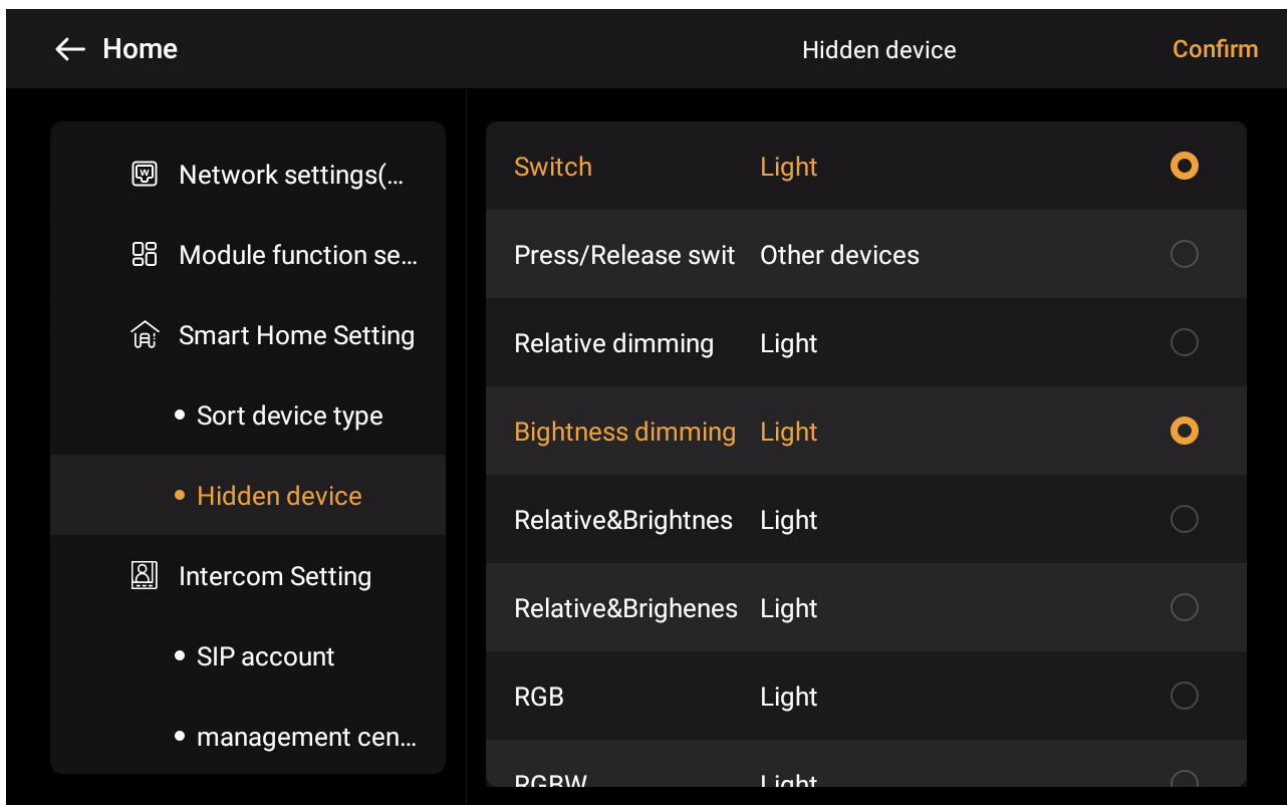
Hold and drag to reorder the device types. In the device page, when sorted by device category, the devices will be displayed in this order.



Sort device type

8.6.5.2. Hidden device

You can set the selected device as hidden. Hidden devices will not be displayed on the device page.



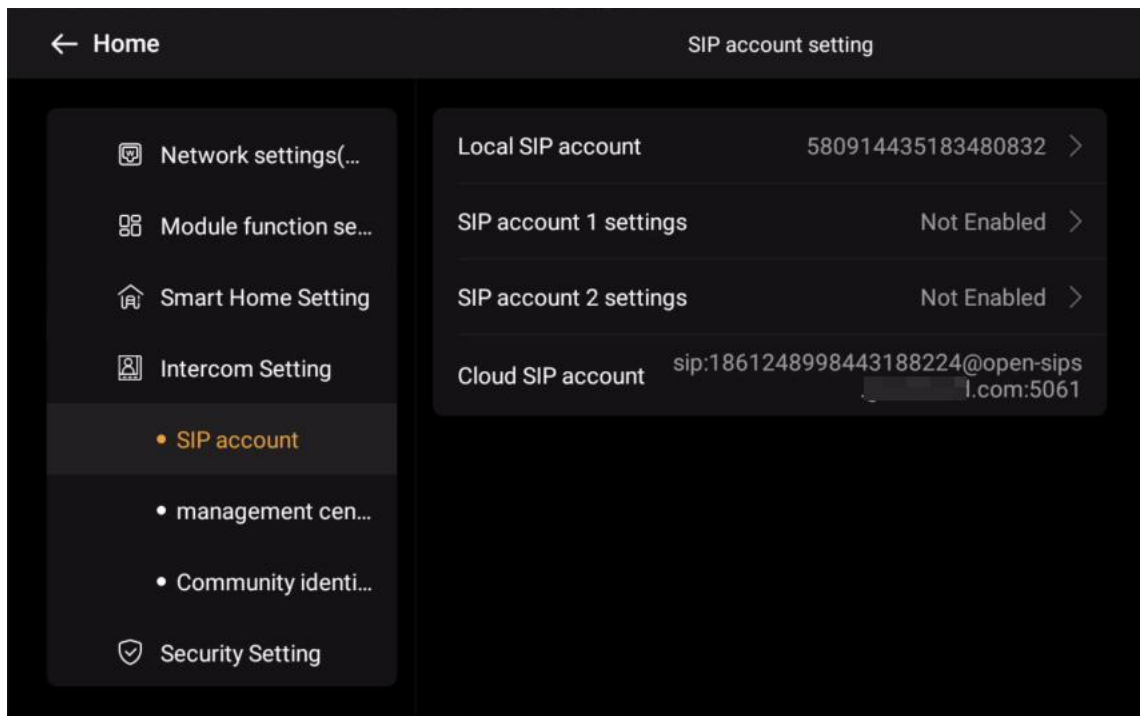
Hidden device

8.6.6. Intercom Setting

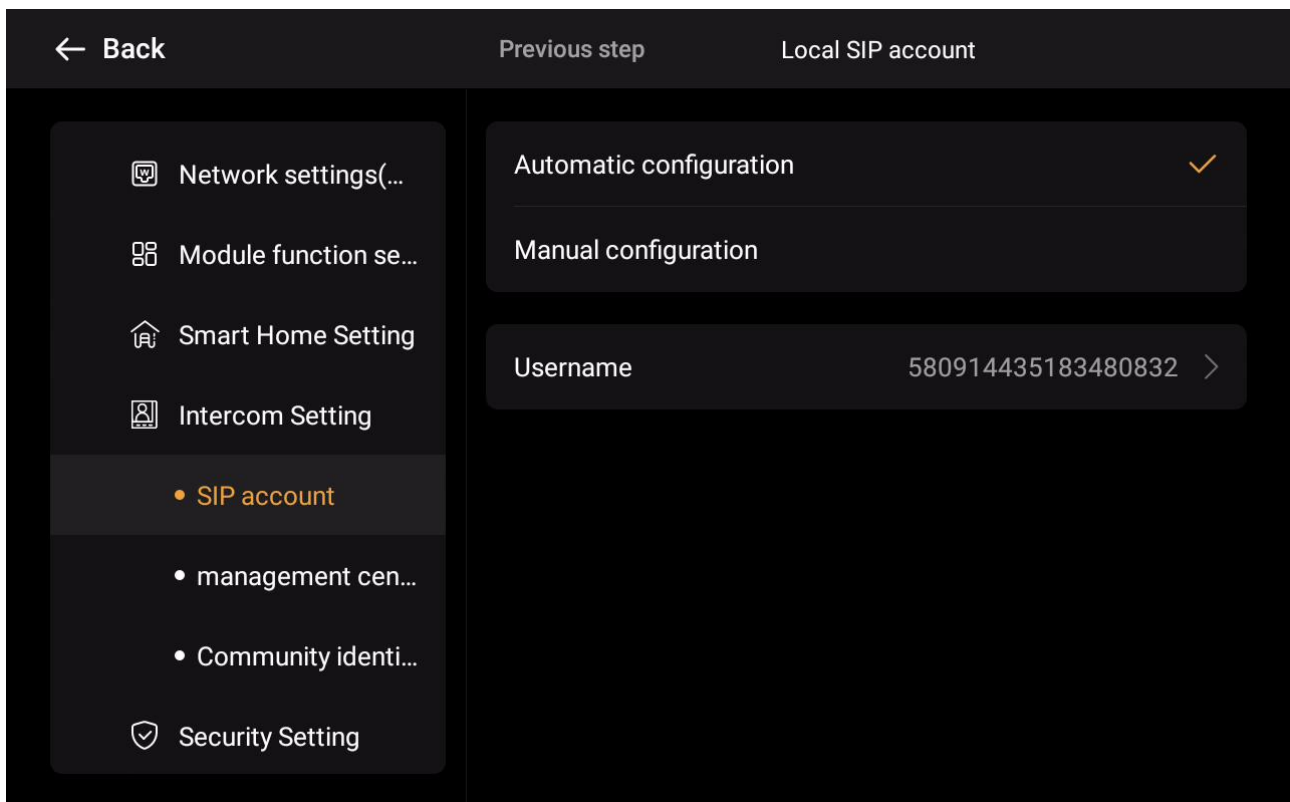
8.6.6.1. SIP account

- (1) Local SIP Account: The local SIP account can be set up through automatic configuration or manual configuration. When automatic configuration is selected, other devices on the same network can automatically discover this device. The username can be modified, and other devices can call this device by entering this username.
- (2) SIP Account 1 and 2 Settings: You can manually configure the SIP account information. Enable the activation button, enter the username, server address, server port, and server login password, and select the communication transmission method. Alternatively, you can use the account information from the address book by configuring the device name.
- (3) Cloud SIP Account: Requires binding with the GVS Smart App. Once the device connects to the cloud server, the server will assign a cloud intercom

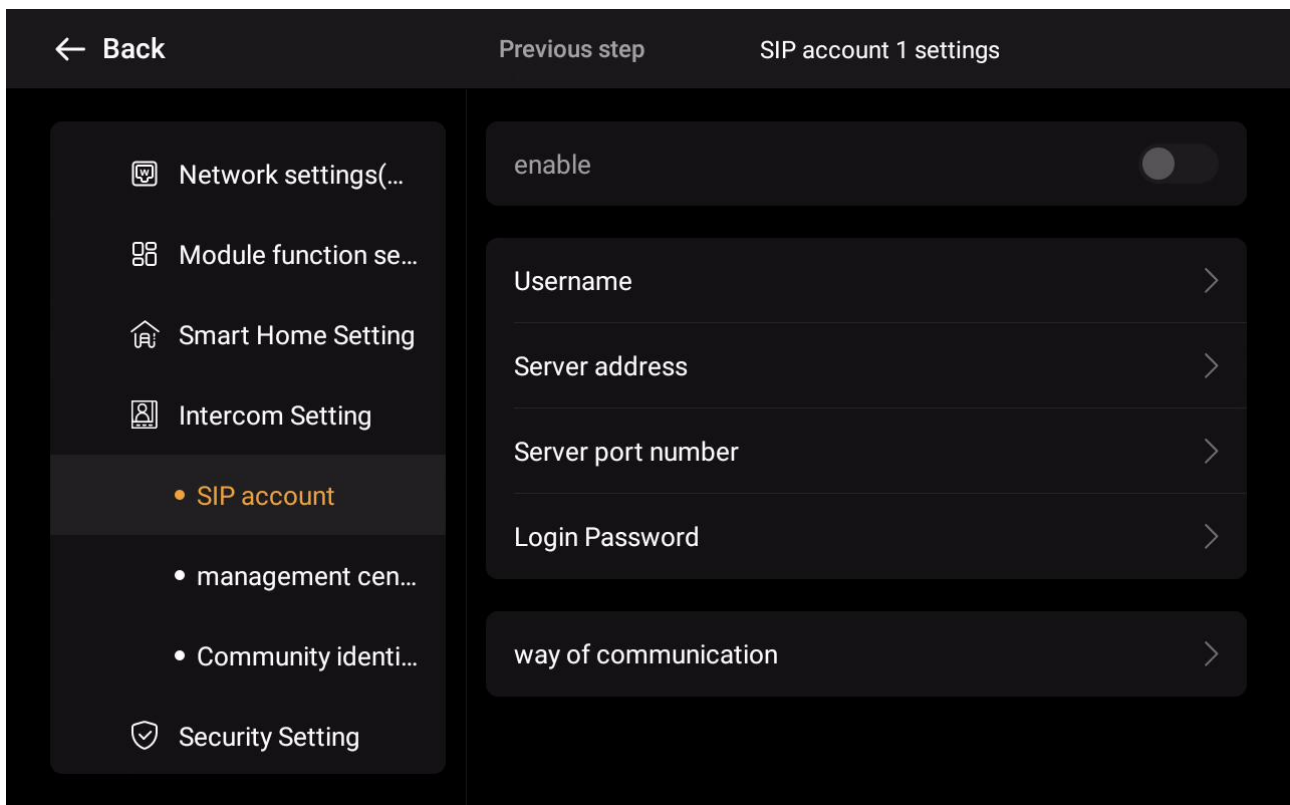
SIP account to the device, enabling it to support cloud intercom functionality.



SIP account



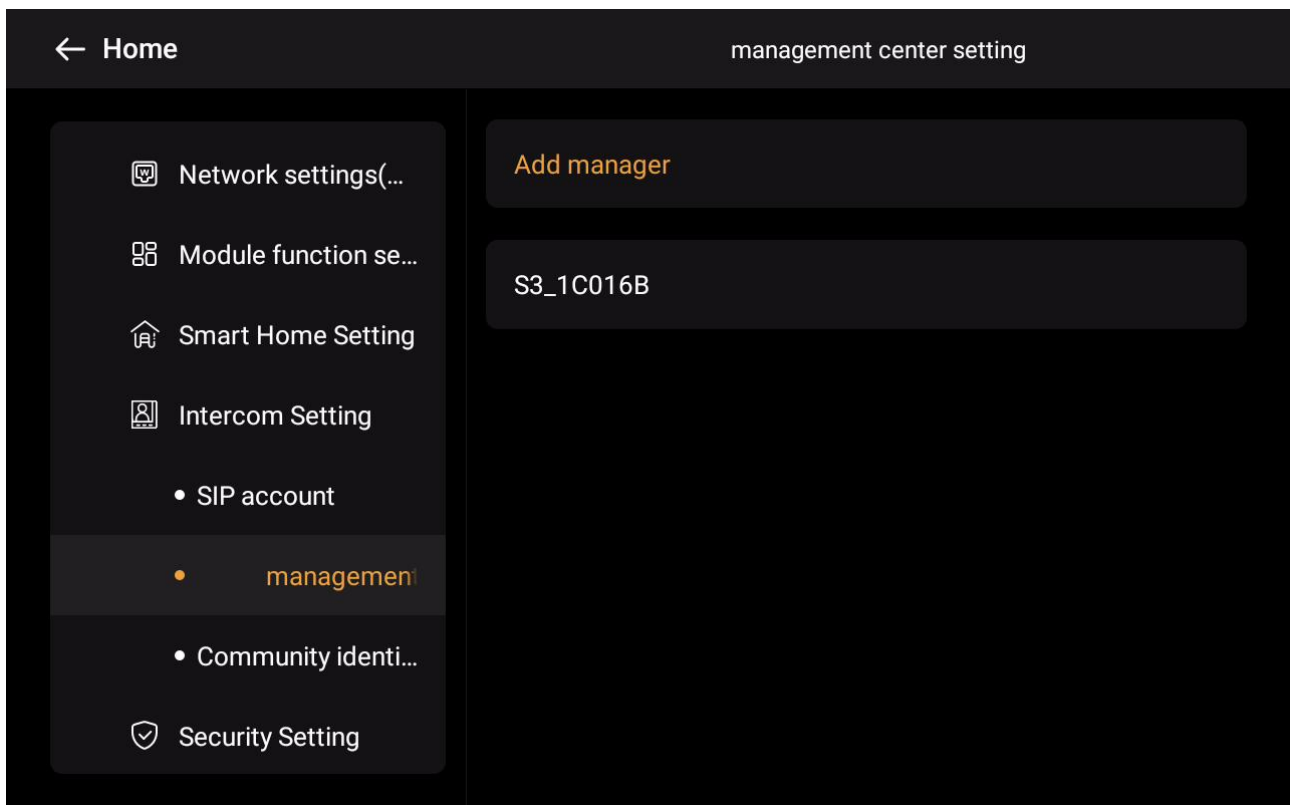
SIP account-Local SIP Account



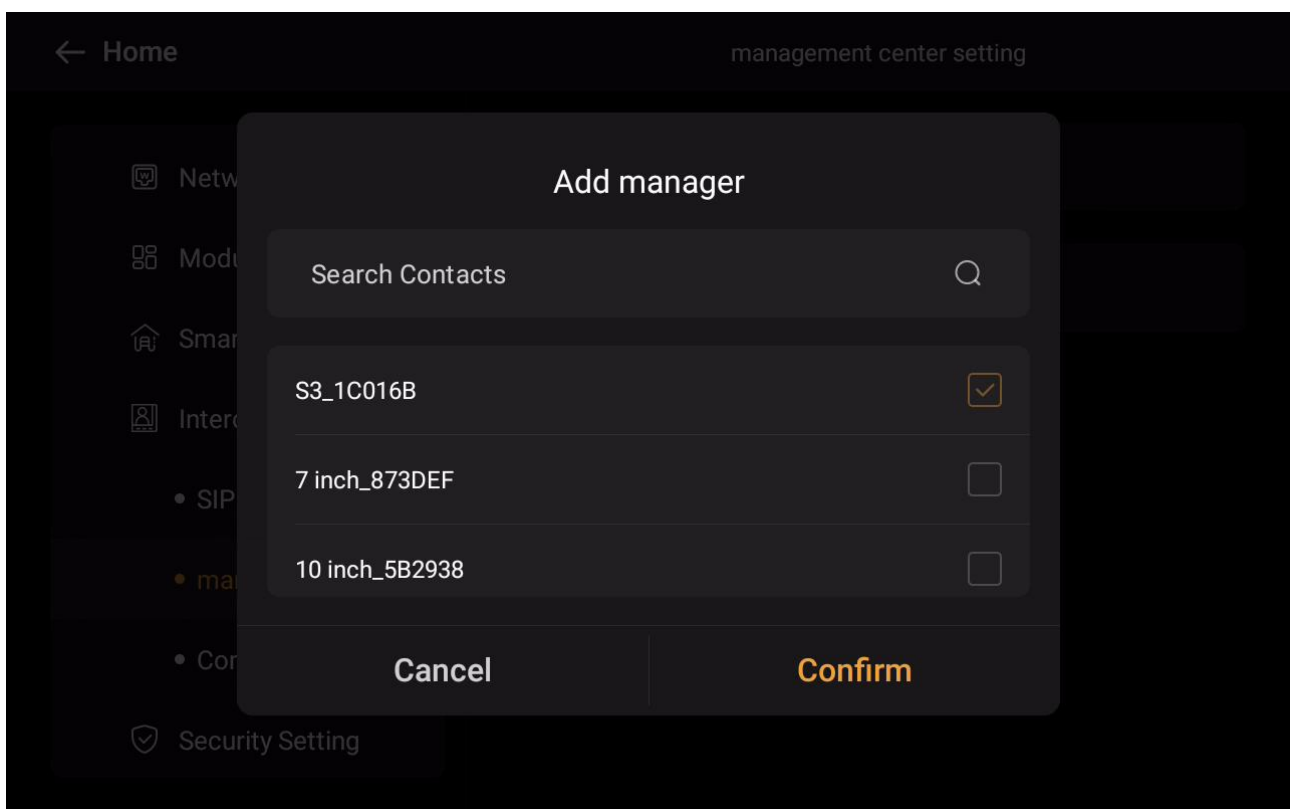
SIP account-SIP Account 1 and 2 Settings

8.6.6.2. Management center setting

Check the contact as the management center. When this device triggers an SOS alarm or a zone alarm, the alarm will be reported to the selected management center account.



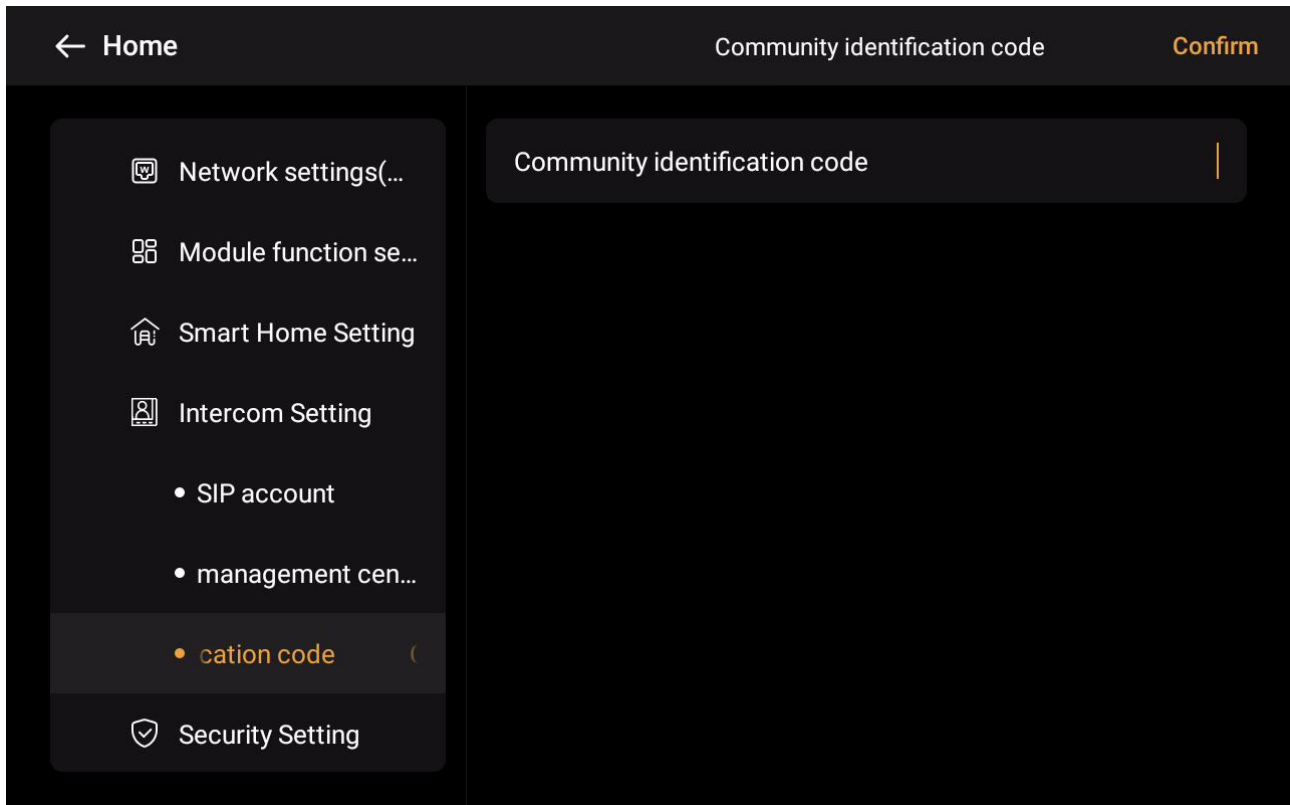
Management center setting



Management center setting-Add Manager

8.6.6.3. Community identification code

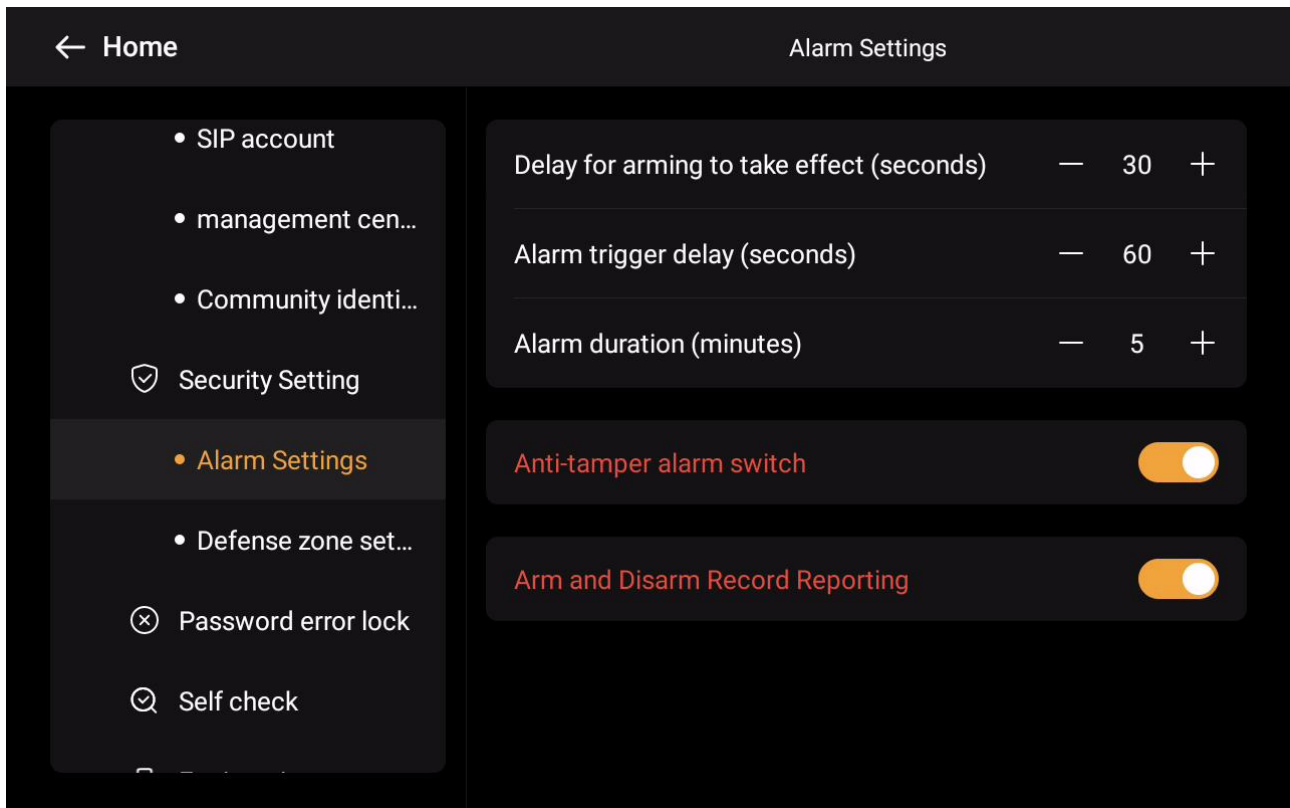
You can associate the device with the corresponding community by entering the community identification code.



Community identification code

8.6.7. Security Setting

8.6.7.1. Alarm Settings



Alarm Settings

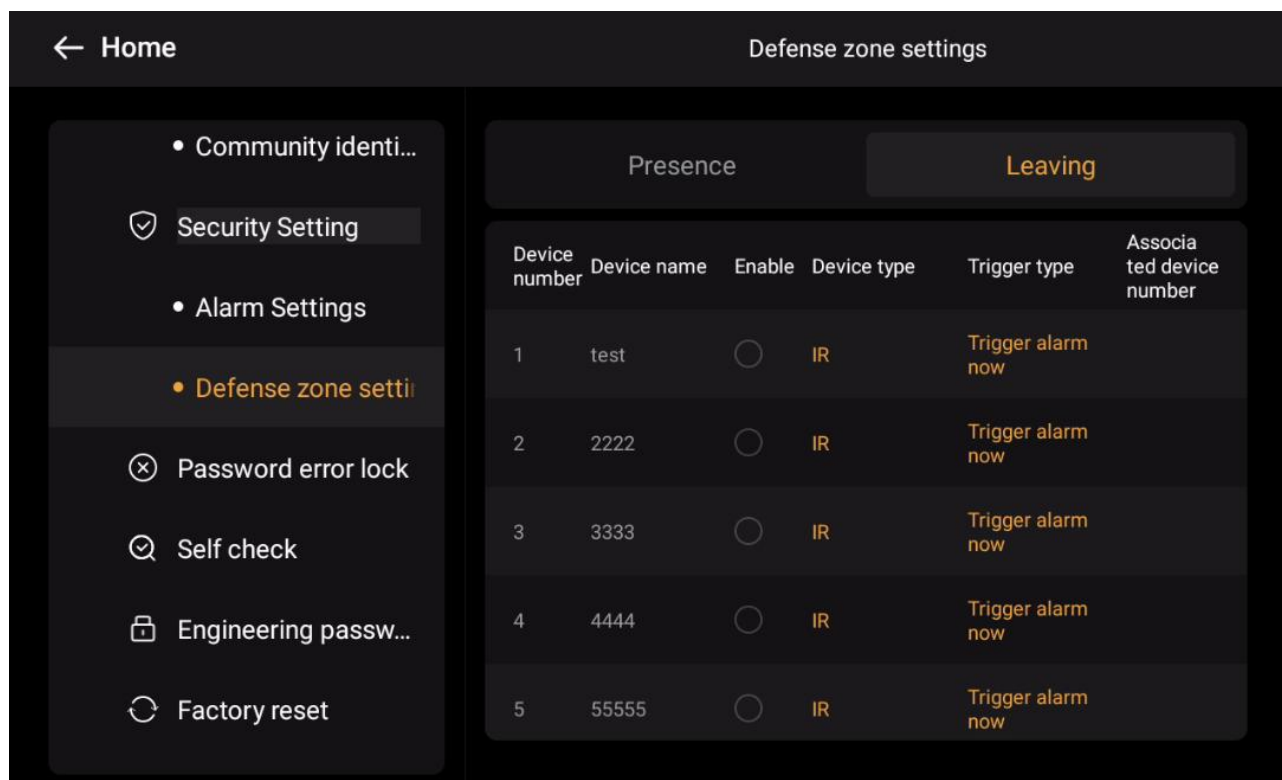
- (1) Delay for arming to take effect (seconds): After arming, the device will first enter arm active delay, if delay alarm is triggered during this period, the system will not sound the alarm.
- (2) Alarm trigger delay (seconds): Under arming, when the delay alarm is triggered, if user can disarm within this countdown, the system will not sound the alarm.
- (3) Alarm duration (minutes): The alarm duration time when the defense zone is triggered.

Note: In the armed state, you cannot set the arming delay, alarm trigger delay, or alarm duration.

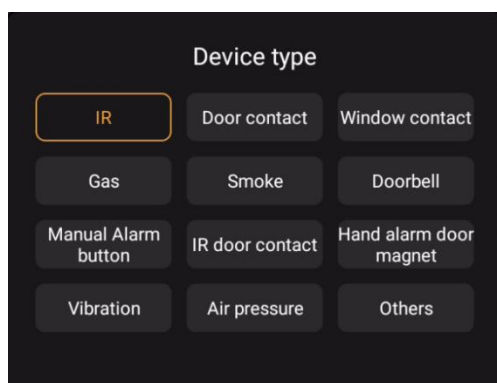
- (4) Anti-tamper alarm switch: When enabled, an alarm will sound if the device is tampered with or disassembled.
- (5) Arm and Disarm Record Reporting: When enabled, arming and disarming

records will be reported to the management device and the management platform.

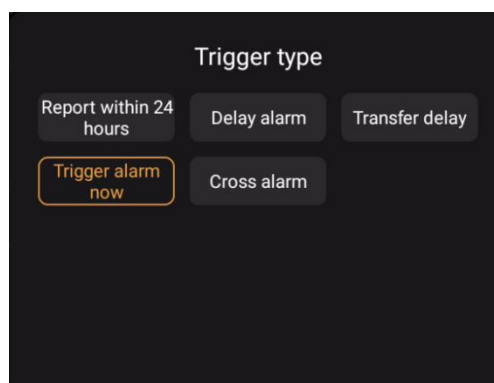
8.6.7.2. Defense zone settings



Defense zone settings



Device type



Trigger type

(1) Presence/Leaving Arming: Up to 24 zones can be configured in ETS for arming.

(2) Device Name: Displays the name of the device. It needs to be configured in ETS, with a maximum of 6 Chinese characters or 18 English characters

displayed.

(3) Enable: To enable or disable the device's alarm.

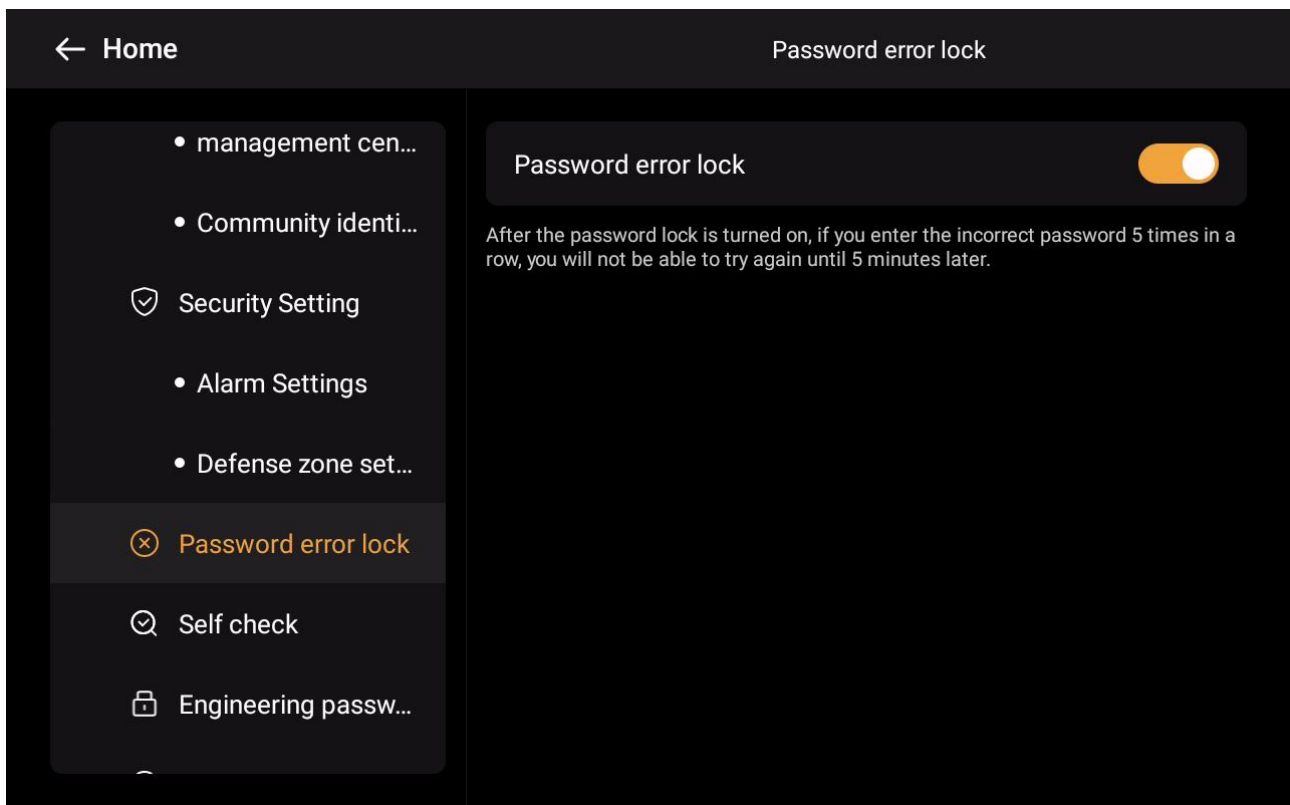
(4) Device Type: Displays the type of the device. The device type can be modified.

(5) Trigger Type: Displays the trigger type of the device. The trigger type can be modified.

- a. Report within 24 hours: The system detects when it is powered up and is not affected by arming and disarming. The defense zone is triggered and an alarm is issued immediately.
- b. Delay alarm: If it is triggered after arming, it will enter the alarm delay countdown time, users can disarm within the countdown time, otherwise the alarm will be issued immediately after the time is up.
- c. Transfer delay: It needs to be associated with delay defense zone. After arming, the alarm will be triggered as soon as the zone is triggered before the delay zone.
- d. If the delay defense zone is triggered first, it will enter the trigger countdown, and the user can disarm within the countdown time, otherwise the alarm will be triggered immediately after the time is up.
- e. Trigger Alarm now: After arming, raise an alarm as soon as it is triggered.
- f. Cross alarm: It requires triggered in conjunction with two defense zones. After arming, when cross defense zone one is triggered and cross defense zone two is triggered within 5s, the alarm will be issued immediately, otherwise will no alarm.

8.6.8. Password error lock

Password Error Lock: When enabled, if the password is entered incorrectly five times in a row, the password input function will be locked for five minutes.



Password error lock

8.6.9. Self check

The primary function of device self-check is to collect device operation data, enabling quick troubleshooting and problem localization when the device is abnormal. It mainly includes device version information, CPU usage, and memory usage.

8.6.10. Engineering password

You can modify the engineering password. The initial engineering password is 801801.

← Home

Engineering password

Confirm

• Community identi...

✓ Security Setting

• Alarm Settings

• Defense zone set...

⊗ Password error lock

✓ Self check

 Engineering pas

↻ Factory reset

Original password Please input the original password 

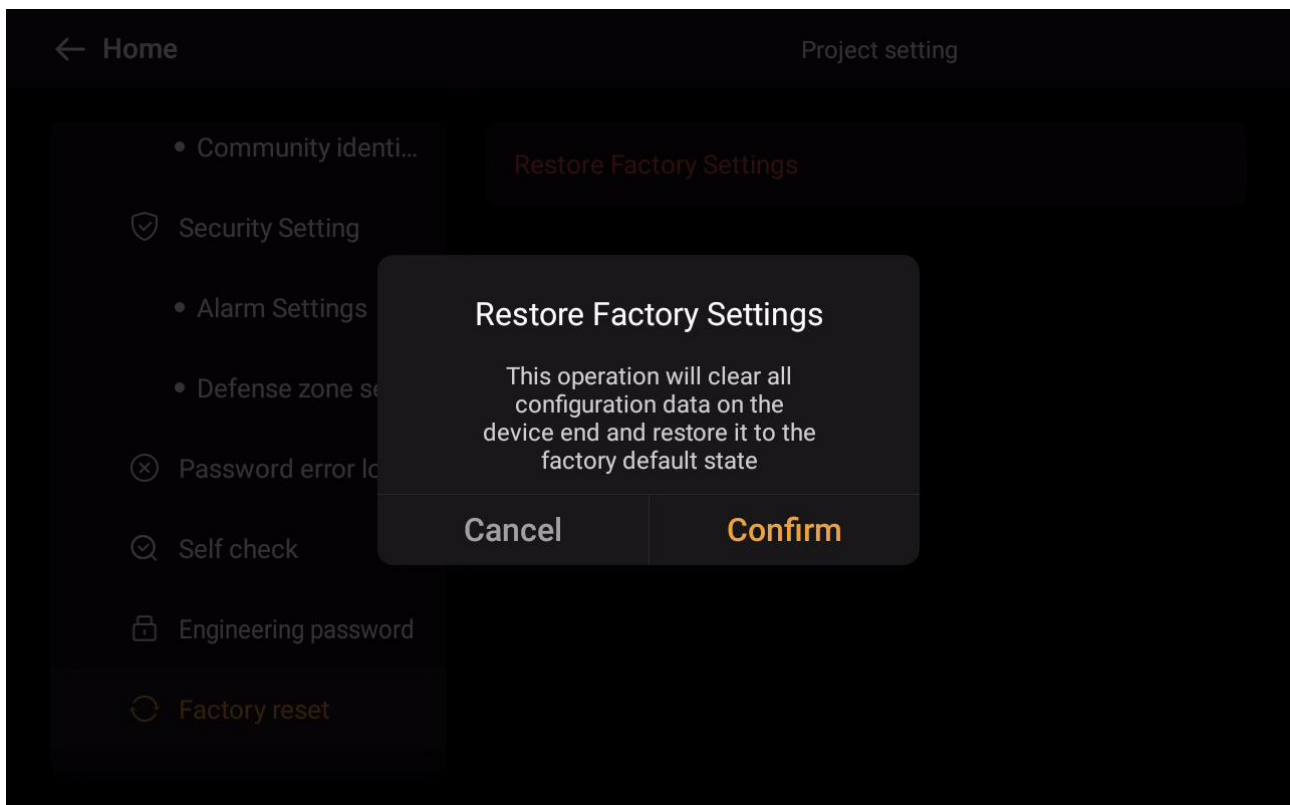
Input new password Please input new password 

Confirm new password Please input new password ag 

Engineering password

8.6.11. Factory reset

Clicking "Restore Factory Settings" will erase all configurations on this device and restore the system to its default factory state. Please proceed with caution.



Factory reset

Chapter 9 Web Server

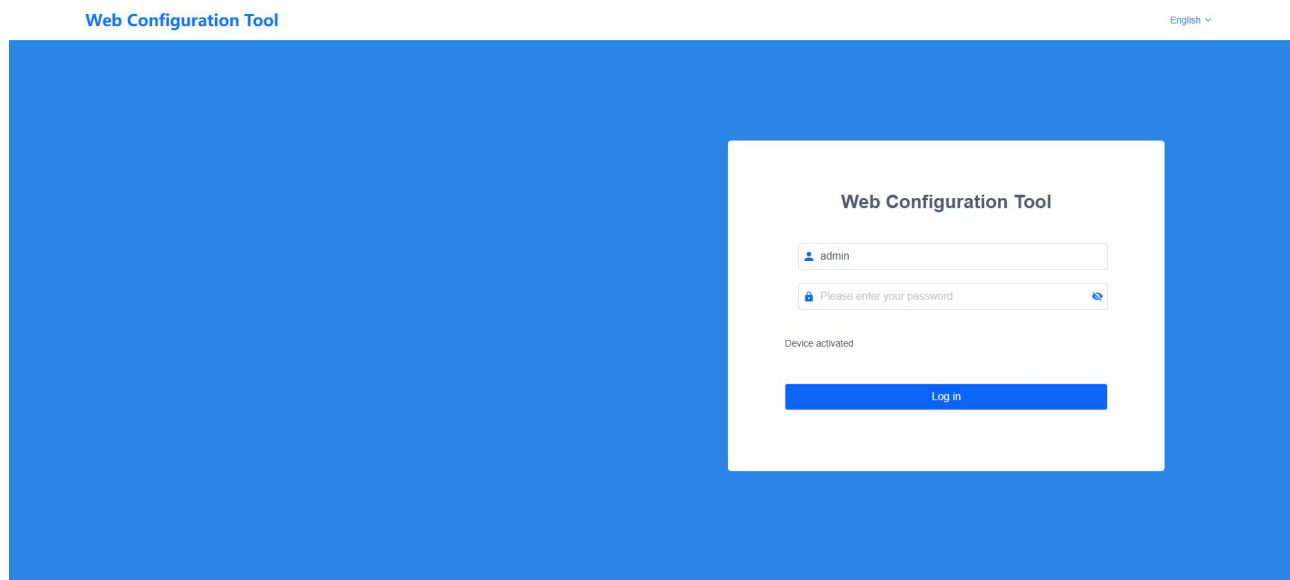
Web Server enables device login through a browser, and its webpage configuration function is similar to device operation function, making it convenient for users to remotely operate. The tedious operations on the device, such as touch screen input methods, can be completed by copying and pasting with a computer keyboard and mouse. Simplify the difficulty of device operation and enhance user convenience.

9.1. Web Server Login

Step 1: Enter the "About" interface of this device to view the device's IP address.

Step 2: Browser input URL `http://ip_address:8000` , such as <http://192.168.151.5:8000>. Enter the entrance machine configuration system webpage. The default password is admin.

Attention: Please ensure that the computer IP and the device IP to be configured are in the same network segment.

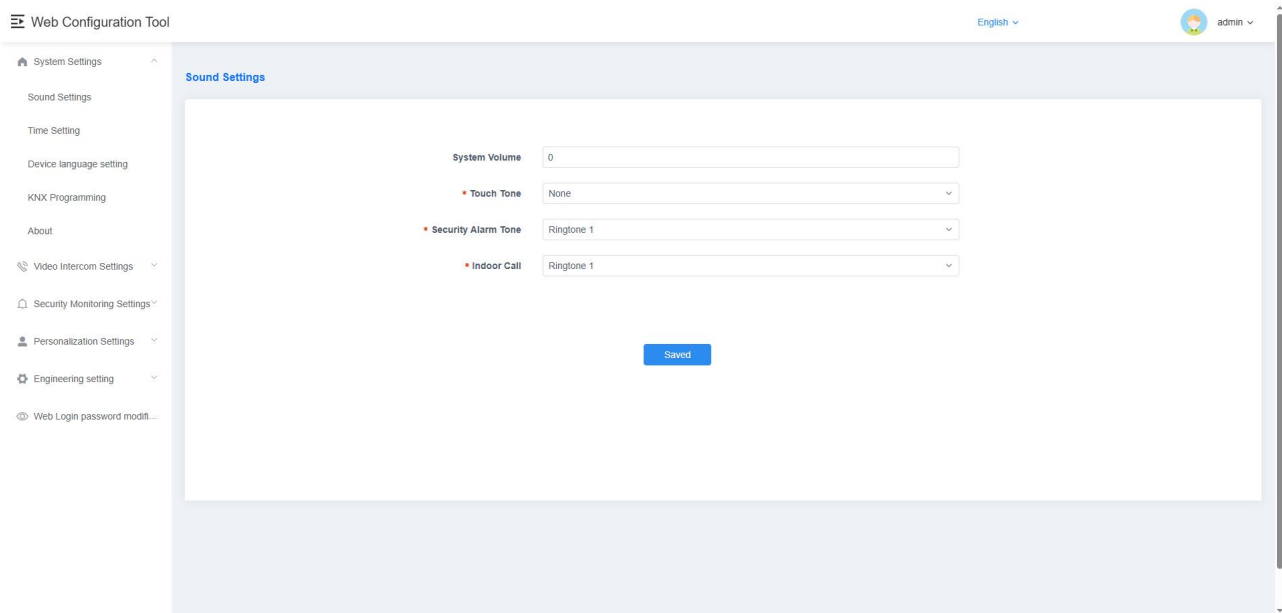


9.2. System Settings

9.2.1. Sound Settings

(1) You can manually adjust the system volume, with a range of 0 to 100%.

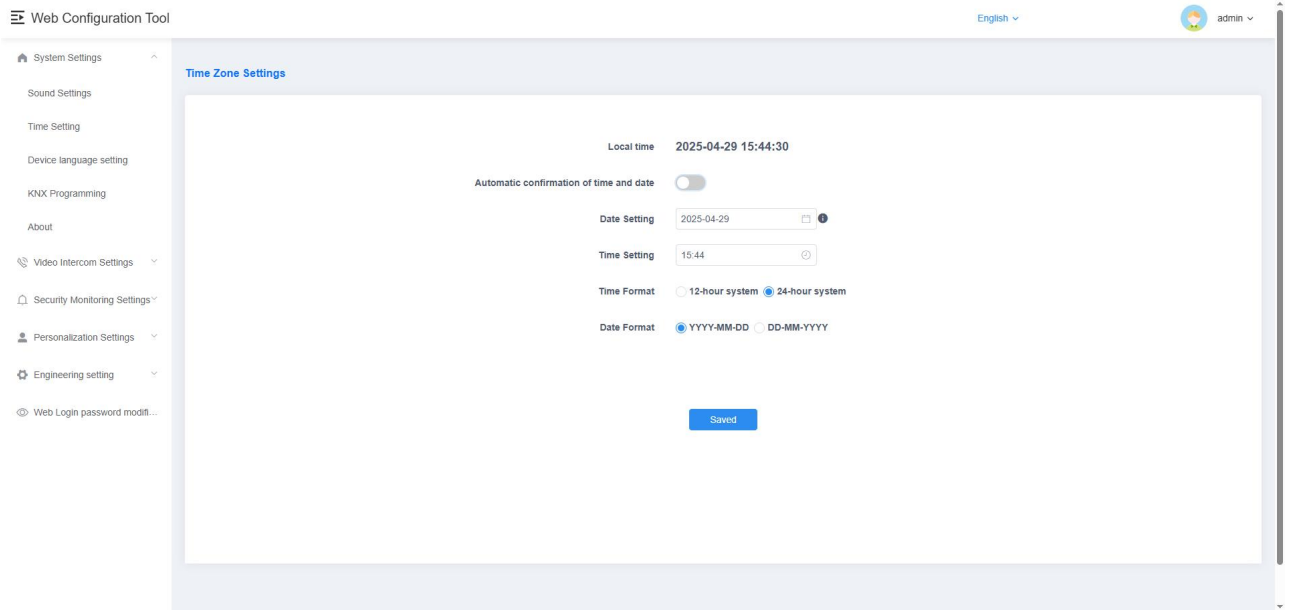
(2) You can set the touch tone, security alarm tone, and indoor call ringtone.



Sound Settings

9.2.2. Time Zone Settings

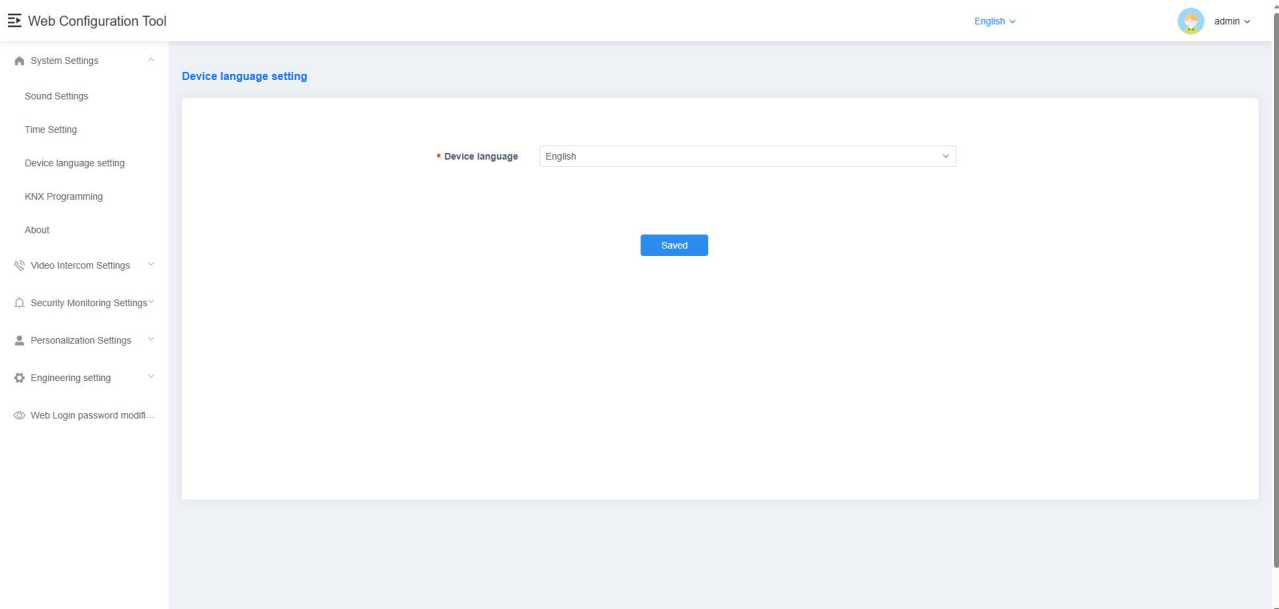
- (1) Display the current time on this device.
- (2) Enable/Disable automatic confirmation of time and date. If automatic update is enabled, the device time will synchronize with network time. If automatic update is disabled, the device time needs to be manually selected.
- (3) Set the screen display time format to 12-hour or 24-hour.
- (4) Set the screen display date format to YYYY-MM-DD (Year-Month-Day) or DD-MM-YYYY (Day-Month-Year).



Time Zone Settings

9.2.3. Device language setting

Choose from Simplified Chinese, English, Norwegian, Russian, Arabic, Italian, Farsi, Polish, Hebrew, Portuguese, German, Traditional Chinese, French, and Spanish.



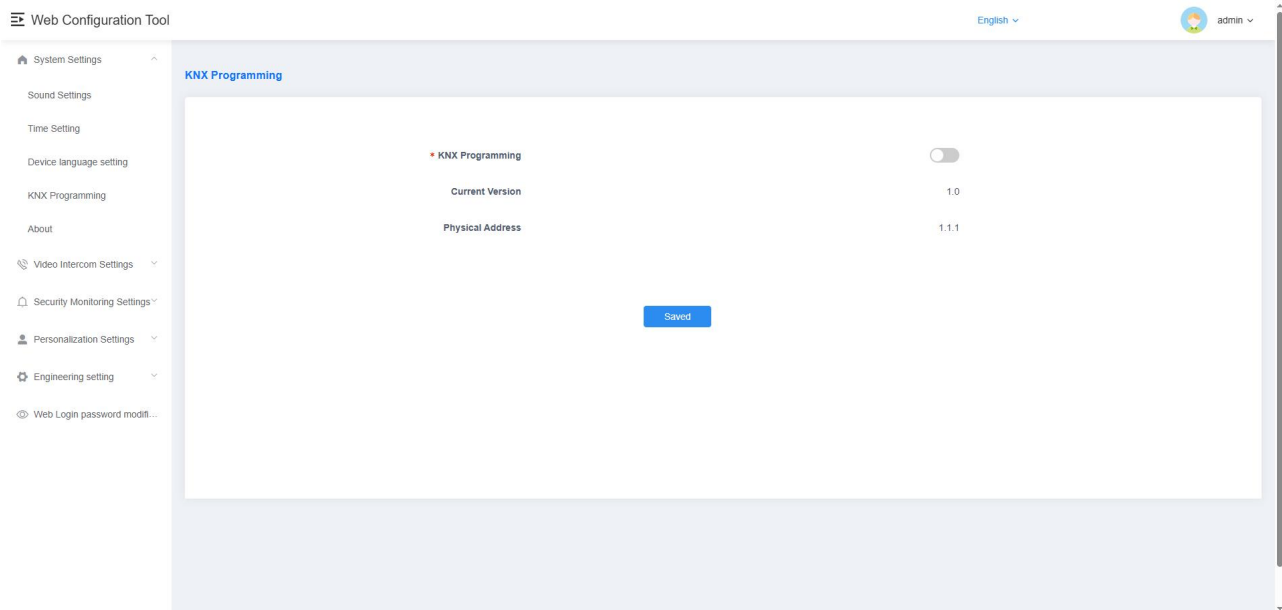
Device language setting

9.2.4. KNX Programming

(1) You can turn on/off the programming mode. The KNX programming mode must be enabled to download the complete KNX database.

(2) Displays the current version.

(3) Displays the physical address, which can be set via ETS.



KNX Programming

9.2.5. About

(1) Displays device name, system version, software version, KNX firmware version, and database version.

(2) Displays the device's RAM, storage space, and remaining storage space.

(3) Displays resolution: 1280×800.

(4) Displays the MAC address.

(5) Displays the KNX SN code.

(6) Displays the LAN(Intercom), WAN(Internet), Mask, Gateway, DNS1 and DNS2 addresses when connecting to the wired network, which can also be customized through "Project Settings" - "Network settings".

(7) Displays the WLAN, Mask, Gateway, DNS1, and DNS2 addresses when connecting to a WLAN.

(8) Display WLAN SIP Account, LAN SIP Account, SIP Account 1, SIP Account 2, Cloud SIP Account, Device Center Address, Device ID. Among others, SIP Account and Device ID can be customized through "Project Settings"- "SIP

Account".The primary function of device self-check is to collect device operation data, enabling quick troubleshooting and problem localization when the device is abnormal. It mainly includes device version information, CPU usage, and memory usage.

Web Configuration Tool

English

admin

System Settings

Sound Settings

Time Setting

Device language setting

KNX Programming

About

Video Intercom Settings

Security Monitoring Settings

Personalization Settings

Engineering setting

Web Login password modification

Device Self Test

Device name	10 inch_40AF21
System version	V1.0.4_20250212
Application Version	1.0.6_20250320
KNX firmware version	1.0.3
Database version	1.0

Running memory	2 GB
Storage space	3.66 GB
Remaining storage space	2.20 GB
Screen resolution	1280x800
MAC address	6E:0B:0F:40:AF:21
KNX SN Code	0085.4B 1A 03 5D

LAN (intercom)	192.168.151.41
Subnet mask	255.255.254.0
Default gateway	192.168.150.11
DNS1	223.5.5.5
DNS2	192.168.2.68

About

Web Configuration Tool

English

admin

System Settings

Sound Settings

Time Setting

Device language setting

KNX Programming

About

Video Intercom Settings

Security Monitoring Settings

Personalization Settings

Engineering setting

Web Login password modification

< Device Self Test

Information

Self-Test

Hardware Version	
System version	
Application Version	
MCU Version	
CPU Usage Rate	
Memory Usage Rate	

Wired Network_eth0

Self-Test

Status	
IP Address	
Gateway	
DNS Server 1	
DNS Server 2	
Local Area Network Communication	
Local Area Network Delay Value	
Internet Communication	
Internet Delay Value	

Wired Network_eth1

Self-Test

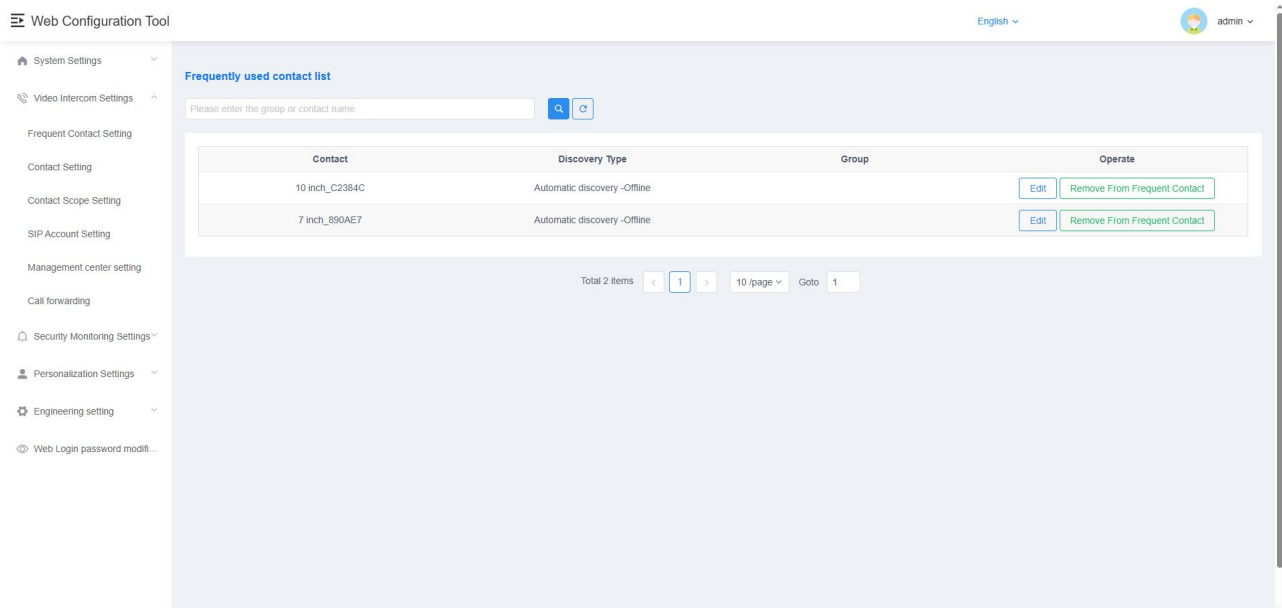
Device Self Test

9.3. Video Intercom Settings

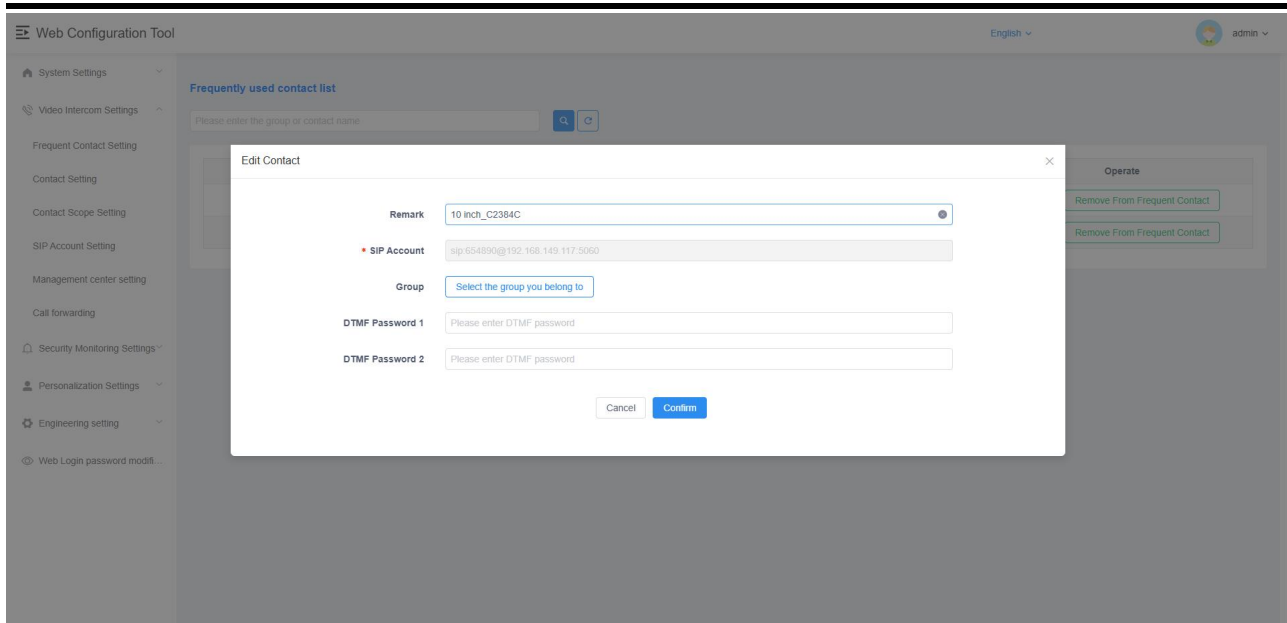
9.3.1. Frequently used contact list

(1) Edit: Users can edit the relevant information of contacts.

- a. Automatic Discovery: Users can edit notes, group affiliation, ringtone, and DTMF password;
- b. Address Book Distribution: Users can edit notes, ringtone, and DTMF password;
- c. Manual Addition: Users can edit notes, SIP account, group affiliation, ringtone, and DTMF password.
- d. Remove from Frequent Contact: Users can remove this contact from the list of frequently used contacts.



Frequently used contact list



Frequently used contact list-Edit Contact

9.3.2. Contact Setting

(1) Group

- a. Add: Enter the group name, select the parent group, and toggle the group call switch. When group call is enabled, you can make a one-key group call to all devices within the group.
- b. Edit: Users can edit the group name, parent group, and group call switch.
- c. Delete: Users can delete the corresponding group, and all sub-groups and contacts under this group will be deleted as well.
- d. Note: The maximum number of layers for contact grouping is 5.

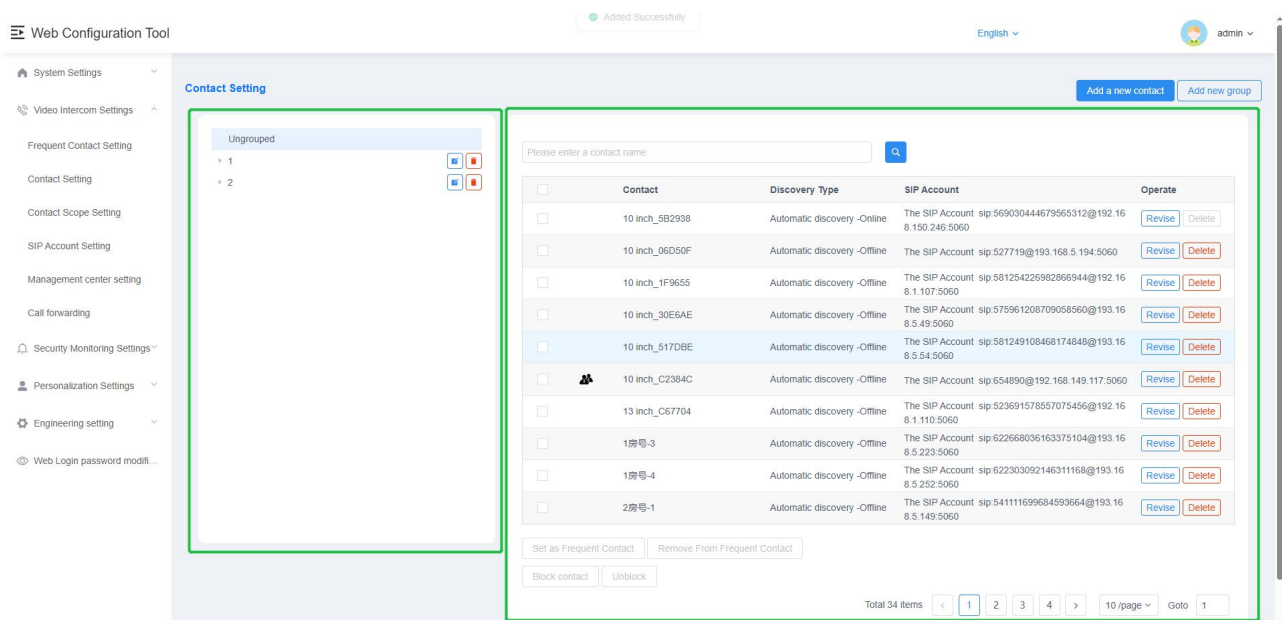
(2) Contact

- a. Add: Enter the contact note, SIP account, select the parent group, and choose the incoming call ringtone. (If the device has access control function, you also need to enter the DTMF unlock password corresponding to the device).
- b. Revise:
 - Automatic Discovery: Users can edit notes, group affiliation, ringtone, and DTMF password;
 - Address Book Distribution: Users can edit notes, ringtone, and DTMF

password;

- Manual Addition: Users can edit notes, SIP account, group affiliation, ringtone, and DTMF password.

- Delete: Contacts issued by the address book and contacts discovered automatically - online cannot be deleted. Contacts discovered automatically - offline and manually added can be deleted.
- Set as Frequent Contact: Check the contact, after setting as a favorite contact, it will be displayed in the favorite contacts list.
- Remove From Frequent Contact: Check the contact, after removing from favorites, it will be removed from the favorite contacts list.



Contact Setting

9.3.3. Contact Scope Setting

Contact List Display Range Setting: When enabled, the address book will only display the selected contacts.

Web Configuration Tool

English admin

System Settings

Video Intercom Settings

Frequent Contact Setting

Contact Setting

Contact Scope Setting

SIP Account Setting

Management center setting

Call forwarding

Security Monitoring Settings

Personalization Settings

Engineering setting

Web Login password modifi...

Contact Scope Setting

Contact list display range setting ☒

Ungrouped

Please enter a contact name

☒	Contact	Discovery Type	SIP Account
☒	10 inch_5B2938	Automatic discovery -Online	The SIP Account sip:569030444679565312@192.168.150.246:5060
☒	10 inch_06D50F	Automatic discovery -Offline	The SIP Account sip:527719@193.168.5.194:5060
☒	10 inch_1F9655	Automatic discovery -Offline	The SIP Account sip:581254226982866944@192.168.1.107:5060
☒	10 inch_30E6AE	Automatic discovery -Offline	The SIP Account sip:575961208709058560@193.168.5.49:5060
☒	10 inch_517DBE	Automatic discovery -Offline	The SIP Account sip:581249108468174848@193.168.5.54:5060
☒	10 inch_C2384C	Automatic discovery -Offline	The SIP Account sip:654890@192.168.149.117:5060
☒	13 inch_C67704	Automatic discovery -Offline	The SIP Account sip:523691578557075456@192.168.1.110:5060
☒	1房号-3	Automatic discovery -Offline	The SIP Account sip:622668036163375104@193.168.5.223:5060
☒	1房号-4	Automatic discovery -Offline	The SIP Account sip:622303092146311168@193.168.5.252:5060
☒	2房号-1	Automatic discovery -Offline	The SIP Account sip:541111699684593664@193.168.5.149:5060

Total 34 items < 1 2 3 4 > 10/page Goto 1

Contact Scope Setting

9.3.4. SIP Account Setting

- (1) User Name: User name can be entered via dial pad to call this device.
- (2) Local SIP Account: Local SIP account generated by the local user name and IP is for calling account under the same network.
- (3) SIP Account 1 & 2: User can manually configure SIP account info, turn on the enable button to enter the user name, server password, server address and server port and select the transmission method. The account info in the address book can be used by configuring the device name.
- (4) Cloud Intercom SIP Account: After the device connects to the cloud server, the server will assign a cloud intercom SIP account to the device, enabling it to support cloud intercom functionality.

SIP Account Setting

Automatic Configuration ☒

User Name 580914435183480832

This device SIP account sip:580914435183480832@192.168.151.41:5060

Local wireless SIP account

Cloud SIP Account sip:1861248996443188224@open-sips.gvs-icloud.com:5061

SIP Account1

Enable ☐

Remark

User Name

Server Password

Server Address

Server Port

Advanced Settings

Transferring Method UDP

SIP Account2

Enable ☐

Remark

User Name

Server Password

Server Address

Server Port

Advanced Settings

Transferring Method UDP

SIP Account Setting

9.3.5. Management Center Setting

Select the contact as the management center. When the device triggers an SOS alarm or zone alarm, the alert will be reported to the selected management center account.

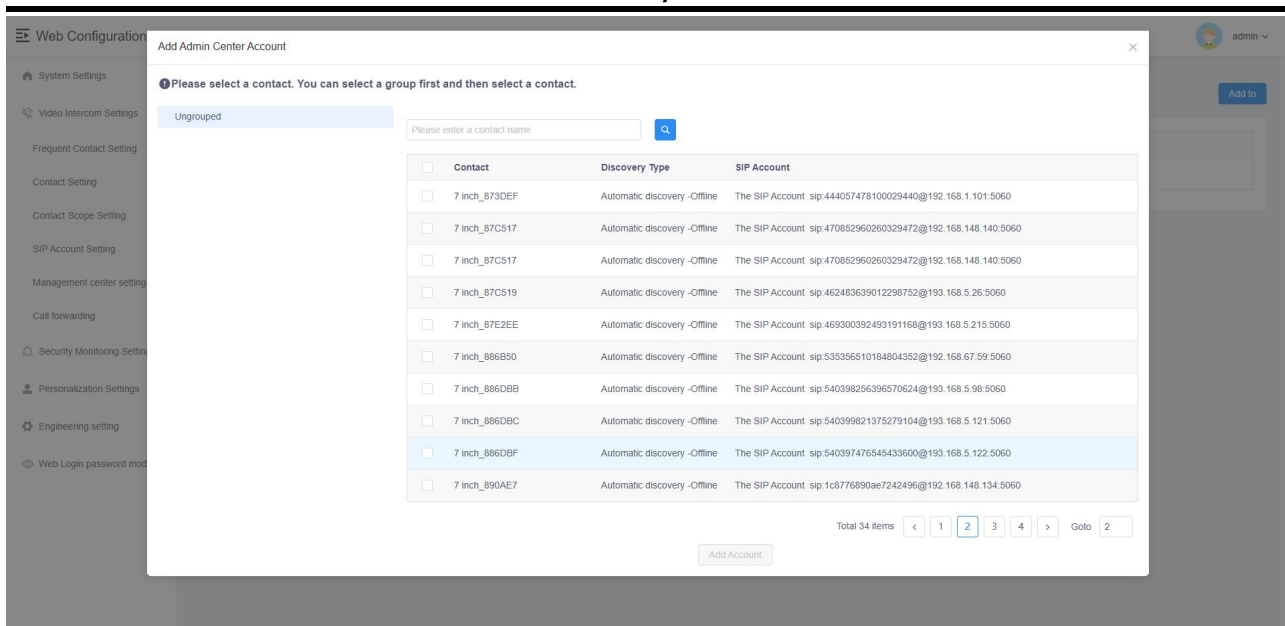
Management Center Setting

Add to

Remark	Group	Discovery Type	Operate
S3_1C016B		Automatic discovery -Offline	Delete

Total 1 item < 1 > 10 /page Goto 1

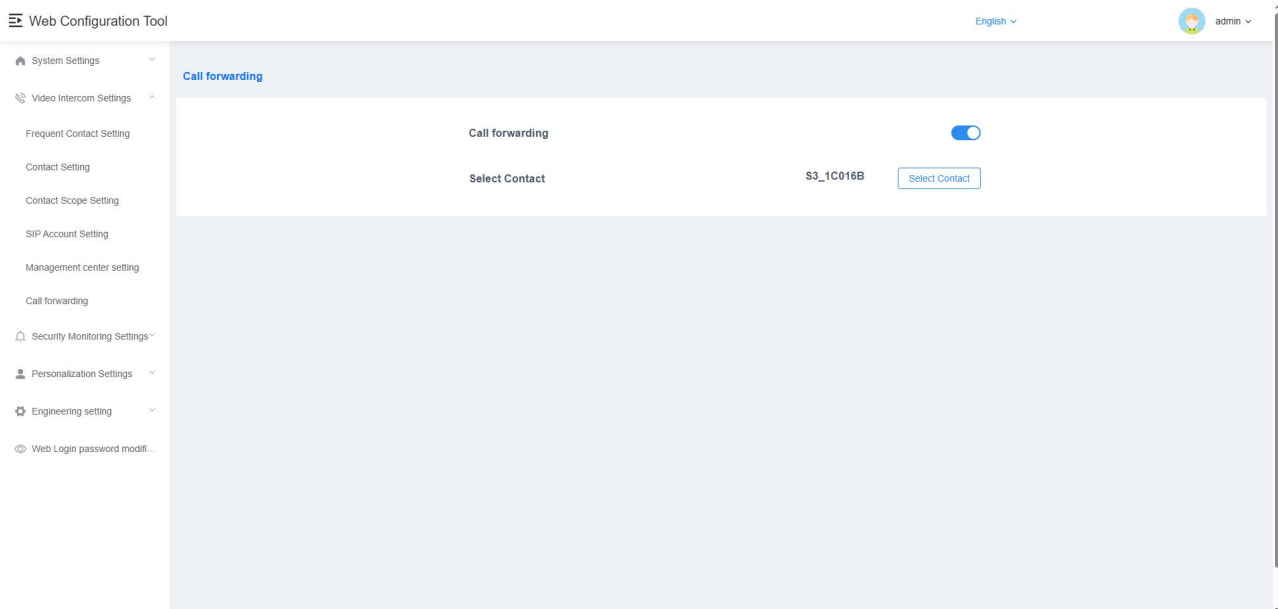
Management Center Setting



Management Center Setting-Add Manager

9.3.6. Call forwarding

Turn on/off call forwarding. When turned on, you need to select a device. If another device calls this device and the call is not answered within 5 seconds of ringing, the call will be forwarded to the selected device.



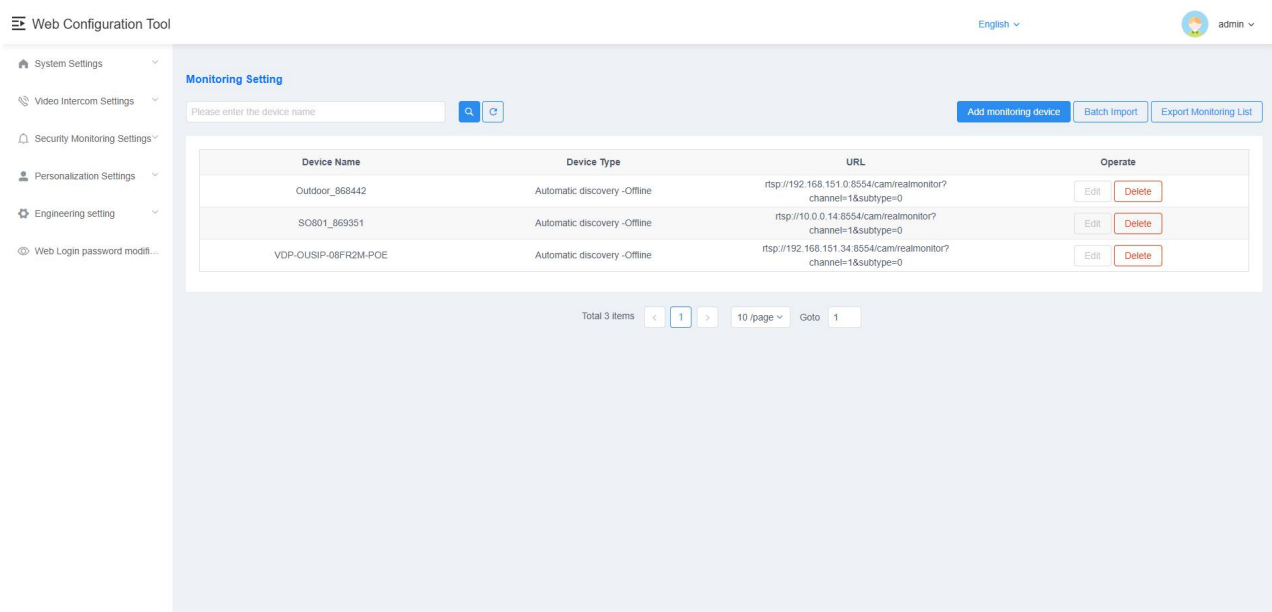
Call forwarding

9.4. Security Monitoring Settings

9.4.1. Monitoring Setting

(1) Add Monitoring Device: Enter the device name and URL address to add.

- (2) Bulk Import: Fill in the device name and URL according to the template and import the Excel file.
- (3) Export Monitoring: Users can export the information of manually added monitoring devices.
- (4) Edit and Delete: Manually added monitoring devices can have their device name and URL edited, and they can also be deleted.



Monitoring Setting

9.4.2. Alarm setting

- (1) Delay for arming to take effect (seconds): After arming, the device will first enter arm active delay, if delay alarm is triggered during this period, the system will not sound the alarm.
- (2) Alarm trigger delay (seconds): Under arming, when the delay alarm is triggered, if user can disarm within this countdown, the system will not sound the alarm.
- (3) Alarm duration (minutes): The alarm duration time when the defense zone is triggered.

Note: In the armed state, you cannot set the arming delay, alarm trigger delay, or alarm duration.

Web Configuration Tool

English admin

System Settings

Video Intercom Settings

Security Monitoring Settings

Monitoring setting

Alarm setting

Zone setting

Anti-tampering Switch

Personalization Settings

Engineering setting

Web Login password modification

Alarm setting

* Arming delay (seconds) 30

* Alarm trigger delay (seconds) 60

* Alarm duration (minutes) 5

Saved

Alarm setting

9.4.3. Defense Zone Setting

- (1) Presence/Leaving Arming: Up to 24 zones can be configured in ETS for arming.
- (2) Device Name: Displays the name of the device. It needs to be configured in ETS, with a maximum of 6 Chinese characters or 18 English characters displayed.
- (3) Enable: To enable or disable the device's alarm.
- (4) Device Type: Displays the type of the device. The device type can be modified.
- (5) Trigger Type: Displays the trigger type of the device. The trigger type can be modified.
 - a. Report within 24 hours: The system detects when it is powered up and is not affected by arming and disarming. The defense zone is triggered and an alarm is issued immediately.
 - b. Delay alarm: If it is triggered after arming, it will enter the alarm delay countdown time, users can disarm within the countdown time, otherwise the alarm will be issued immediately after the time is up.
 - c. Transfer delay: It needs to be associated with delay defense zone. After

arming, the alarm will be triggered as soon as the zone is triggered before the delay zone.

- d. If the delay defense zone is triggered first, it will enter the trigger countdown, and the user can disarm within the countdown time, otherwise the alarm will be triggered immediately after the time is up.
- e. Trigger Alarm now: After arming, raise an alarm as soon as it is triggered.
- f. Cross alarm : It requires triggered in conjunction with two defense zones. After arming, when cross defense zone one is triggered and cross defense zone two is triggered within 5s, the alarm will be issued immediately, otherwise will no alarm.

Web Configuration Tool English ▼ admin ▼

System Settings ▼
Video Intercom Settings ▼
Security Monitoring Settings ▼
Monitoring setting
Alarm setting
Zone setting
Anti-tampering Switch
Personalization Settings ▼
Engineering setting ▼
Web Login password modifi...

Defense Zone Setting

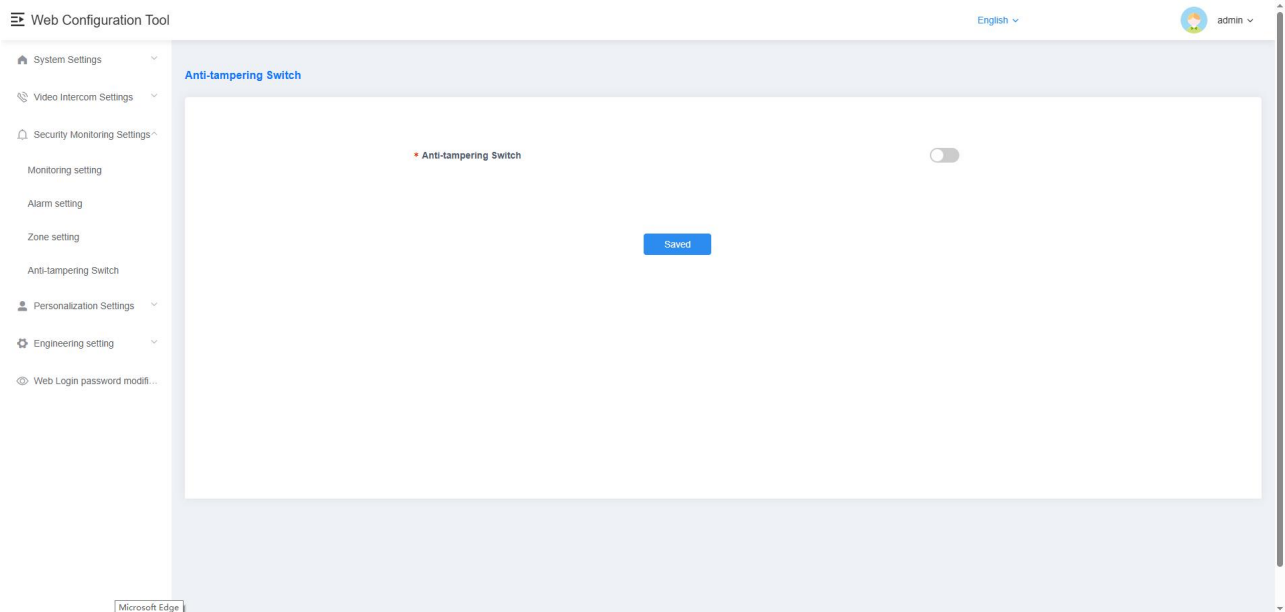
Arm at home
Arming for leaving
Save Current Setting

Serial Number	Open/Close	Detector Type	Trigger Type	Associated Defense Zone	Operate
1	☒	Infrared	Instant Alarm	/	Edit
2	☐	Infrared	Instant Alarm	/	Edit
3	☐	Infrared	Instant Alarm	/	Edit
4	☐	Infrared	Instant Alarm	/	Edit
5	☐	Infrared	Instant Alarm	/	Edit
6	☐	Infrared	Instant Alarm	/	Edit
7	☐	Infrared	Instant Alarm	/	Edit
8	☒	Doorbell	24H Instant Alarm	/	Edit
9	☐	Infrared	Instant Alarm	/	Edit
10	☐	Infrared	Instant Alarm	/	Edit
11	☐	Infrared	Instant Alarm	/	Edit
12	☐	Infrared	Instant Alarm	/	Edit
13	☐	Infrared	Instant Alarm	/	Edit
14	☐	Infrared	Instant Alarm	/	Edit

Defense Zone Setting

9.4.4. Anti-tampering Switch

Anti-tamper alarm switch: When enabled, an alarm will sound if the device is tampered with or disassembled.

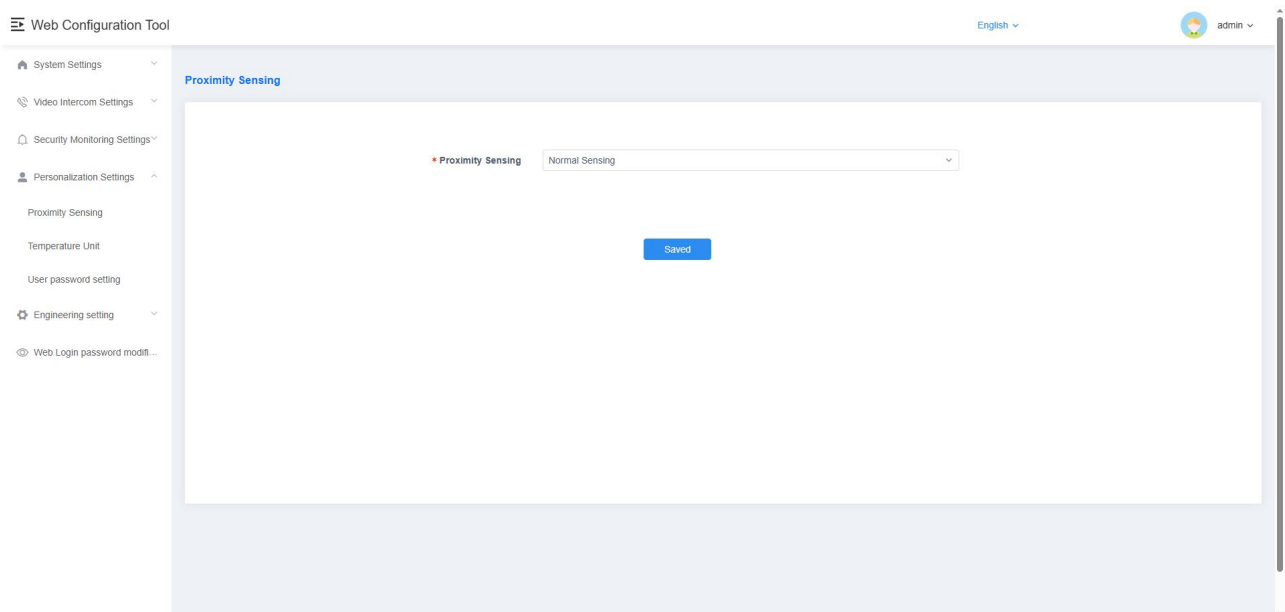


Anti-tampering Switch

9.5. Personalization Settings

9.5.1. Proximity Sensing

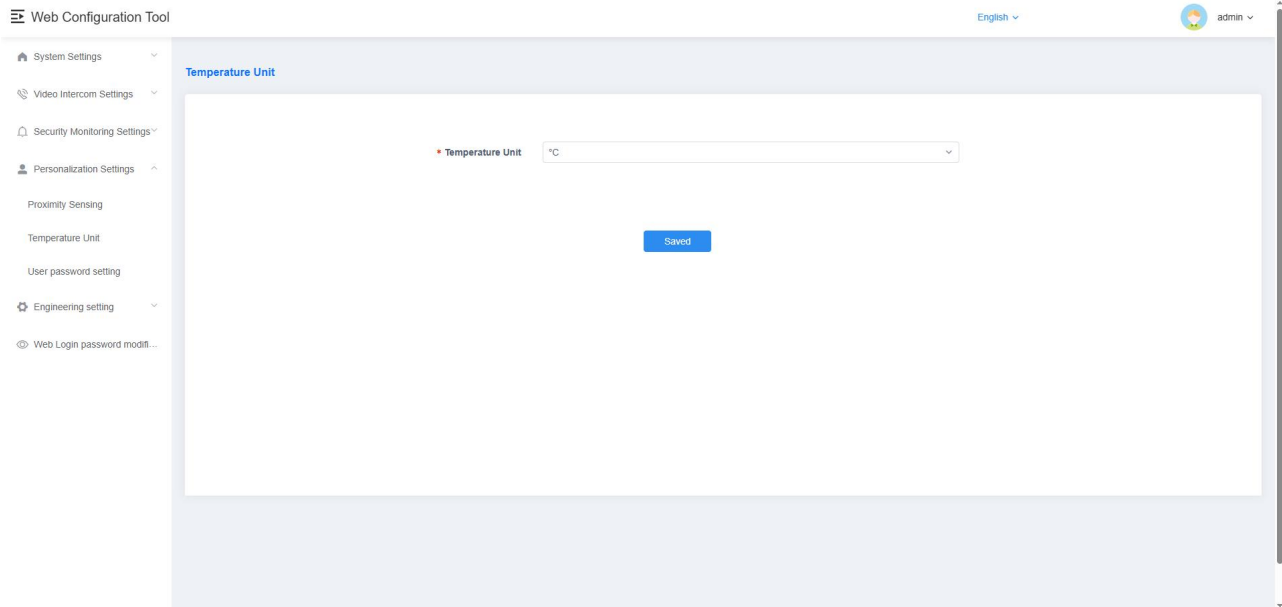
Set the proximity detection distance. Options include: Disabled, Normal Sensitivity (approximately 30 cm), and Enhanced Sensitivity (approximately 60 cm). When the device detects a person approaching, it will wake up and enter the operation page or the security page.



Proximity Sensing

9.5.2. Temperature Unit

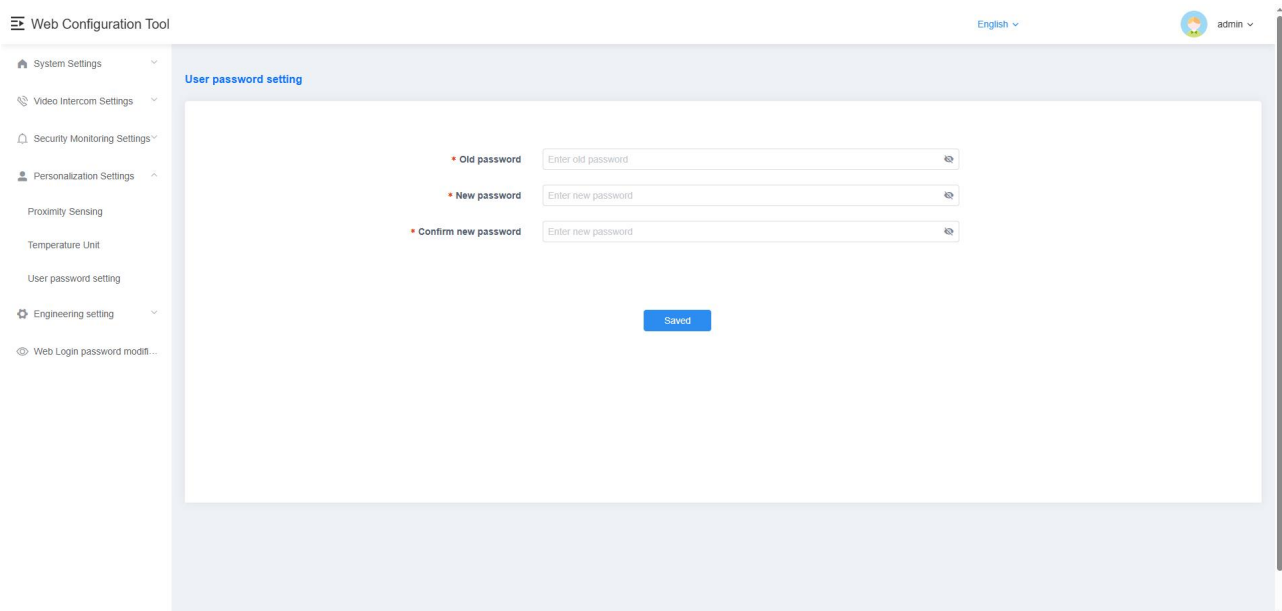
Set the temperature unit for screen display. You can choose between Fahrenheit (°F) or Celsius (°C).



Temperature Unit

9.5.3. User password setting

Users can modify the device user password, the initial default password is 666666.

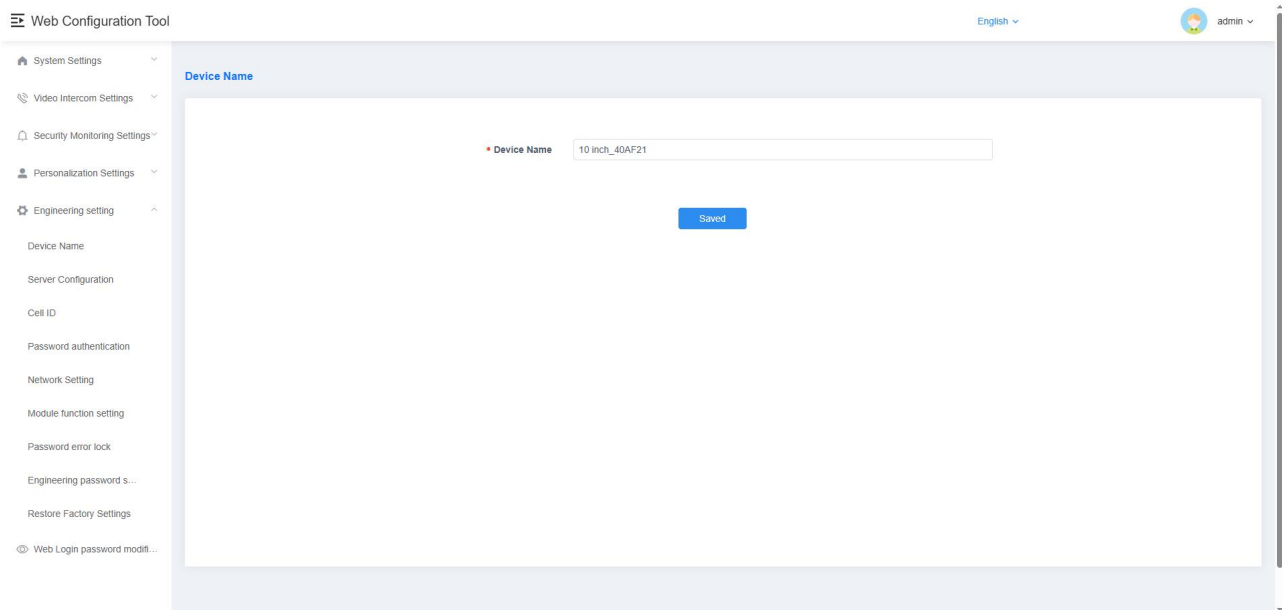


User password setting

9.6. Engineering setting

9.6.1. Device Name

You can modify the device name. If you need to use the SIP account information from the address book, you must set the device name to match the device name corresponding to the account information in the address book. The device will prompt you with a pop-up window asking whether to use the account information from the address book.



Device Name

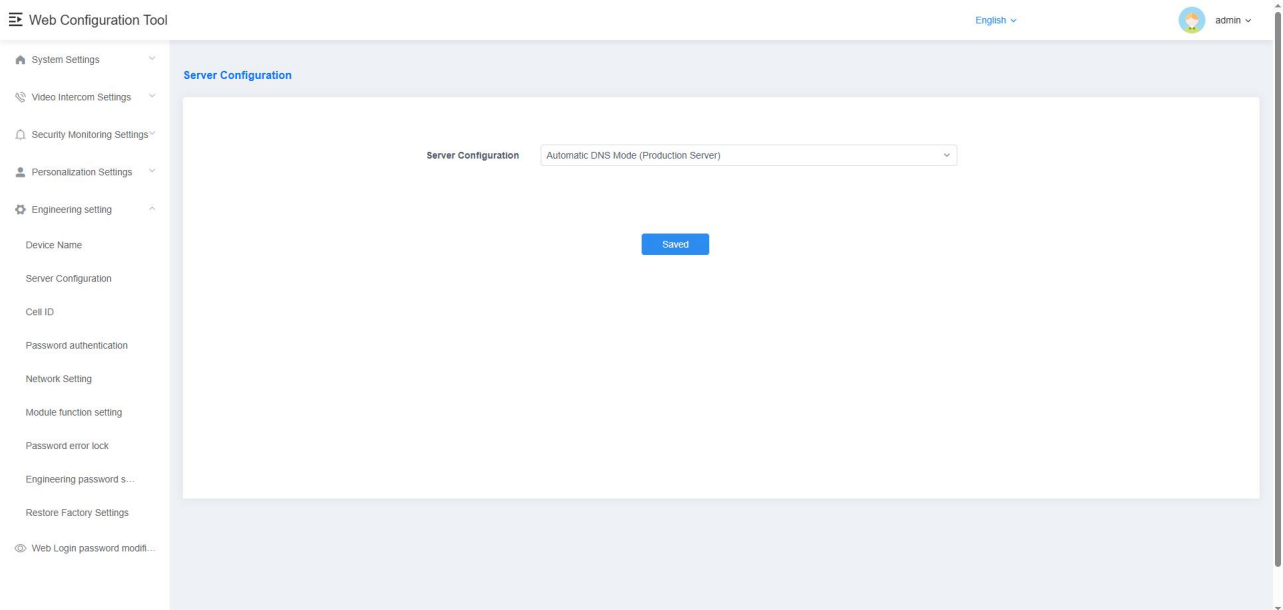
9.6.2. Server Configuration

Automatic DNS Mode (Production Server): Automatically connect to the nearest official server based on the location.

Automatic DNS Mode (Test Server): Automatically connect to the nearest testing server based on the location.

Custom Mode (Force to Specify Test Server): Force connection to the testing server located at the manufacturer's site.

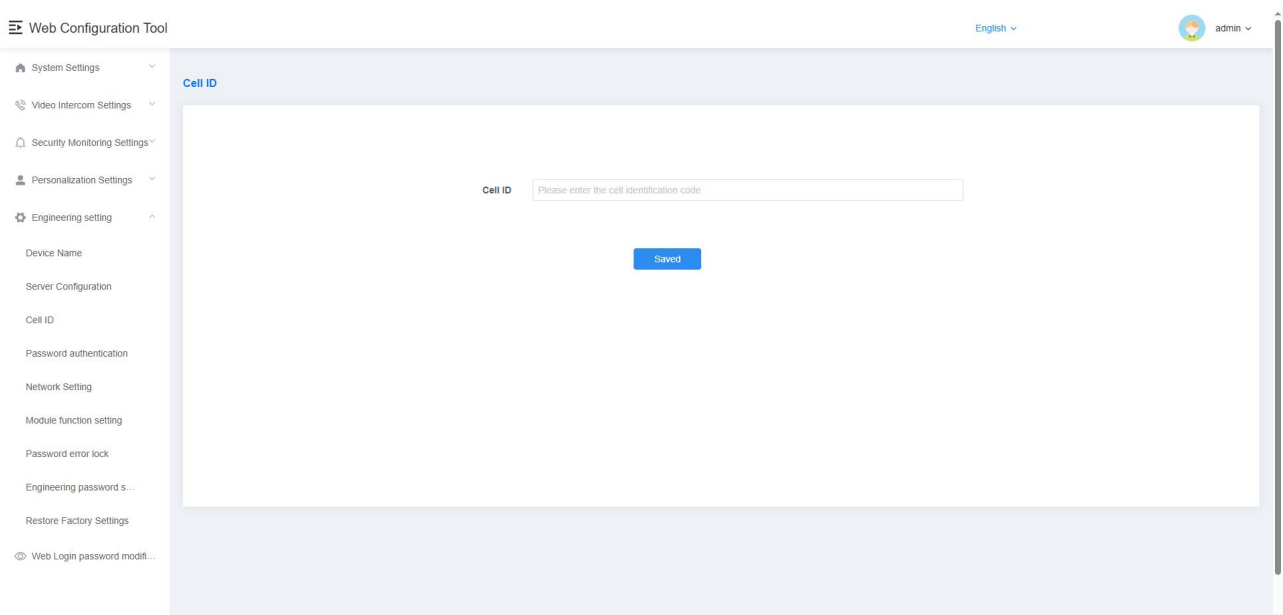
Custom Mode (Force to Specify Development Server): Force connection to the development server located at the manufacturer's site.



Server Configuration

9.6.3. Cell ID

You can associate the device with the corresponding community by entering the community identification code.



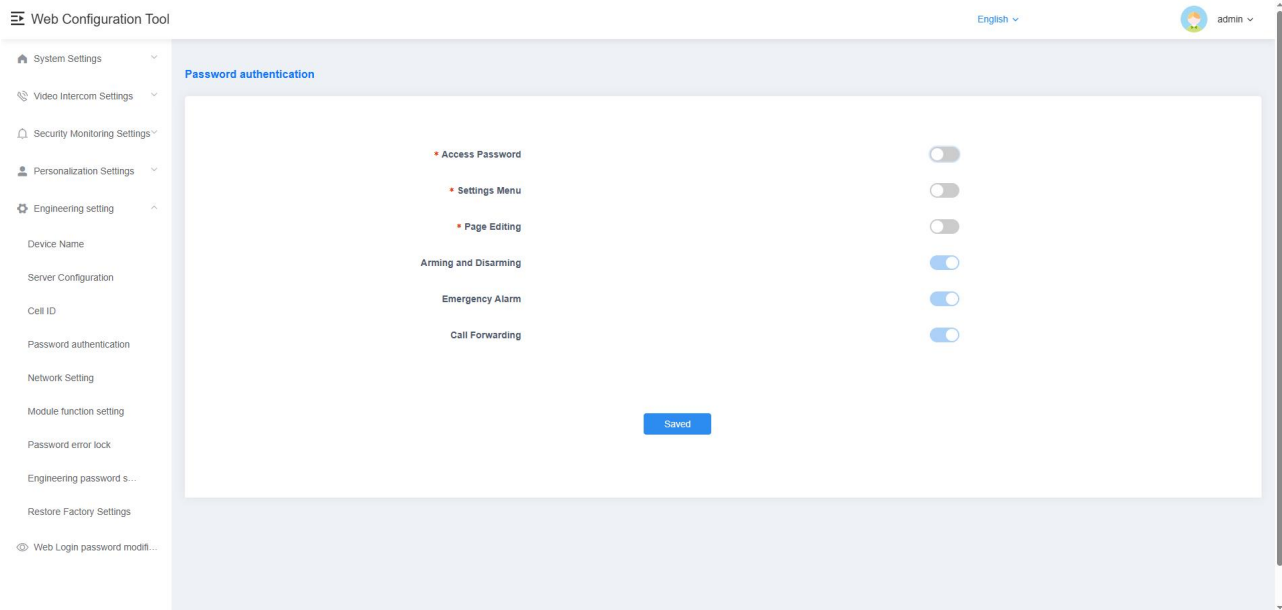
Cell ID

9.6.4. Password authentication

(1) Arm/Disarm, Call Forwarding, SOS: These functions require the user password to be entered.

(2) Access Password, Settings Menu, Page Editing: You can enable/disable

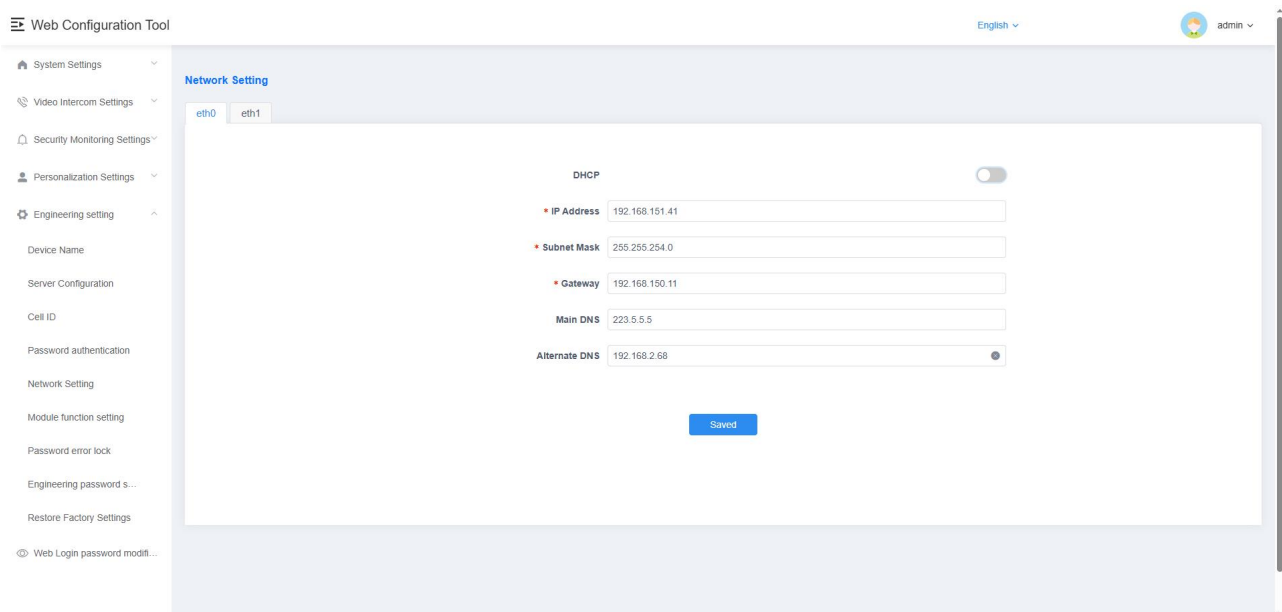
password authentication. When password authentication is enabled and the corresponding function is encrypted, you need to enter the user password to access it.



Password authentication

9.6.5. Network Setting

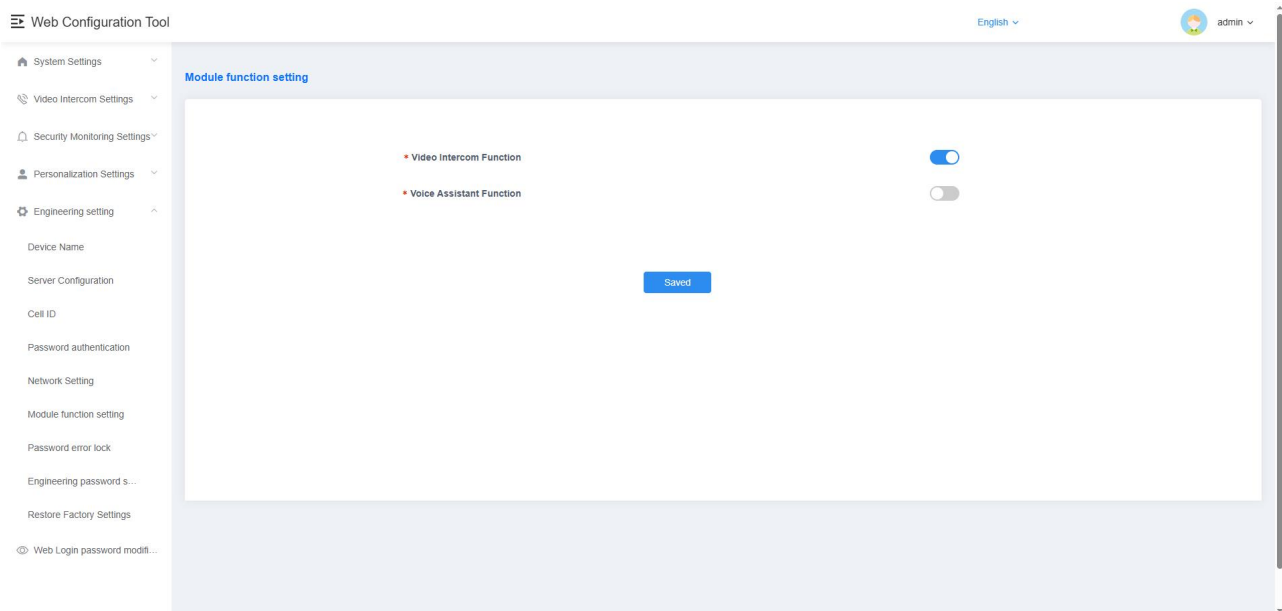
- (1) eth0: Configure the wired network LAN for intercom communication.
- (2) eth1: Configure the wired network WAN for internet access.
- (3) DHCP: After turning it off, you need to manually configure the network by entering the IP address, subnet mask, gateway, and DNS.



Network Setting

9.6.6. Module function setting

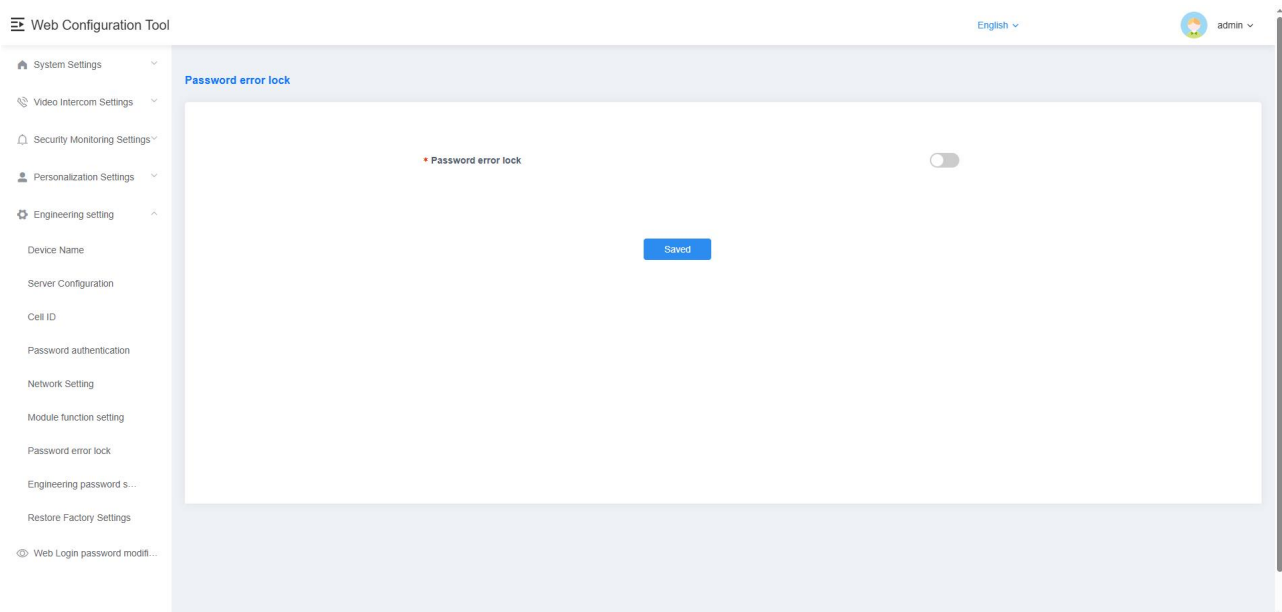
Intercom and Voice Assistant Functions: Enable/Disable the device function modules. When turned off, the related interactions and UI will not be displayed by default.



Module function setting

9.6.7. Password error lock

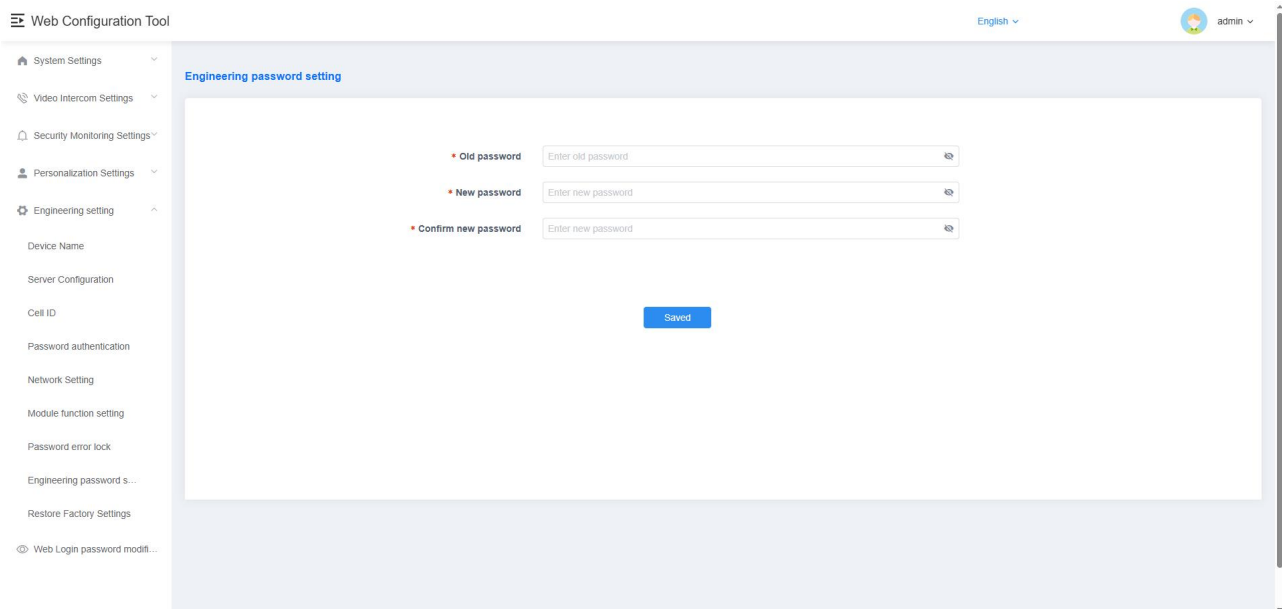
Password Error Lock: When enabled, if the password is entered incorrectly five times in a row, the password input function will be locked for five minutes.



Password error lock

9.6.8. Engineering password setting

You can modify the engineering password. The initial engineering password is 801801.

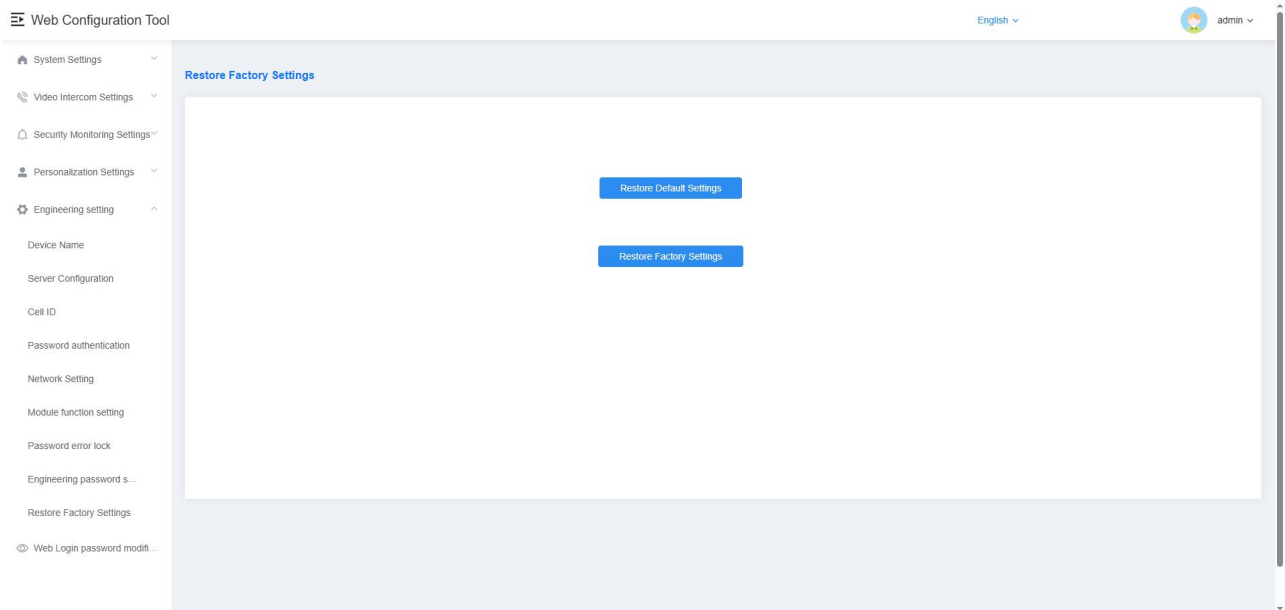


The screenshot displays the 'Web Configuration Tool' interface. On the left is a sidebar menu with categories like System Settings, Video Intercom Settings, Security Monitoring Settings, Personalization Settings, and Engineering setting. The 'Engineering setting' category is expanded, showing options such as Device Name, Server Configuration, Cell ID, Password authentication, Network Setting, Module function setting, Password error lock, Engineering password s..., and Restore Factory Settings. The main content area is titled 'Engineering password setting' and contains three input fields: 'Old password' (with placeholder 'Enter old password'), 'New password' (with placeholder 'Enter new password'), and 'Confirm new password' (with placeholder 'Enter new password'). Each field has a small eye icon for toggling visibility. A blue 'Saved' button is positioned below the input fields. The top right of the interface shows a language dropdown set to 'English' and a user profile icon labeled 'admin'.

Engineering password setting

9.6.9. Restore Factory Settings

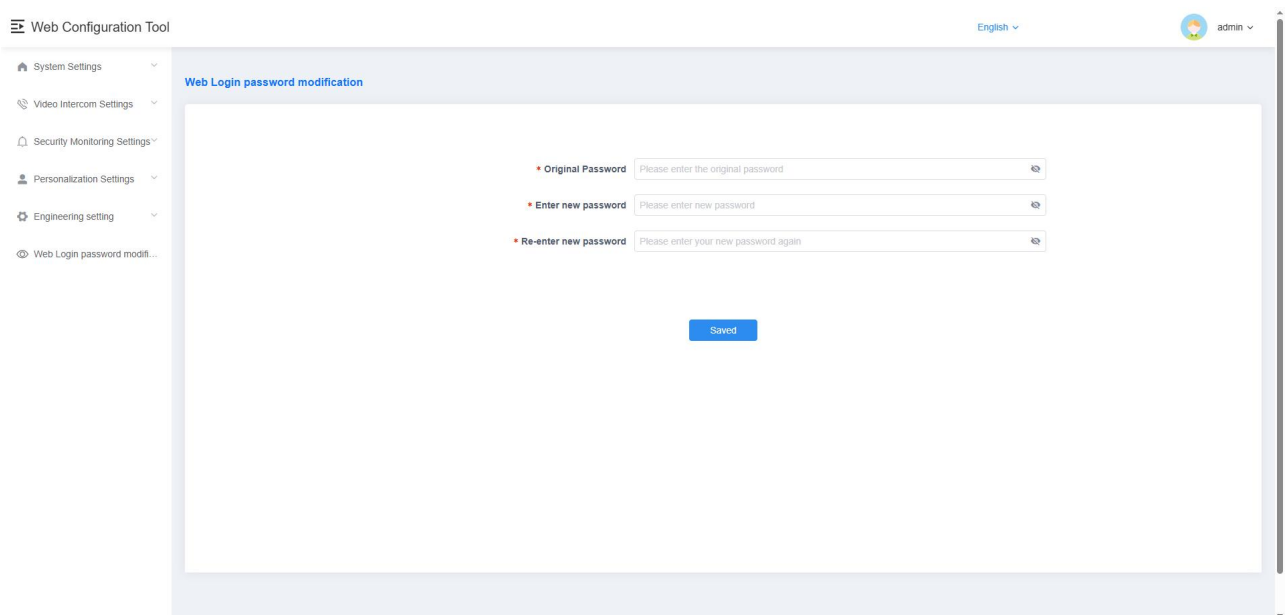
- (1) Restore Default Settings: This will restore the device to its default configuration state, retaining only the original database configuration and address book configuration. All user-configured functions and settings will be completely reset.
- (2) Restore Factory Settings: This operation will clear all configuration data on the device and restore it to its factory default state.



Restore Factory Settings

9.7. Web Login password modification

Users can modify the login password of this Web Server. The initial default password is "admin".



Web Login password modification

Chapter 10 PC Update & Configuration Tool

The "Update & Configuration Tool" (hereinafter referred to as "PC Tool") can be used to upgrade the system and applications version of S15, importing and configuring address books, importing custom UI resource. The specific operations are as follows:

Note:

1.Requires version V1.0.5 and above.

2.The computer and the device to be configured maintain the same IP segment.

3.The PC tool needs to be opened with administrator privileges

10.1. Program upgrade

For upgrading the system version and application version of the S15.

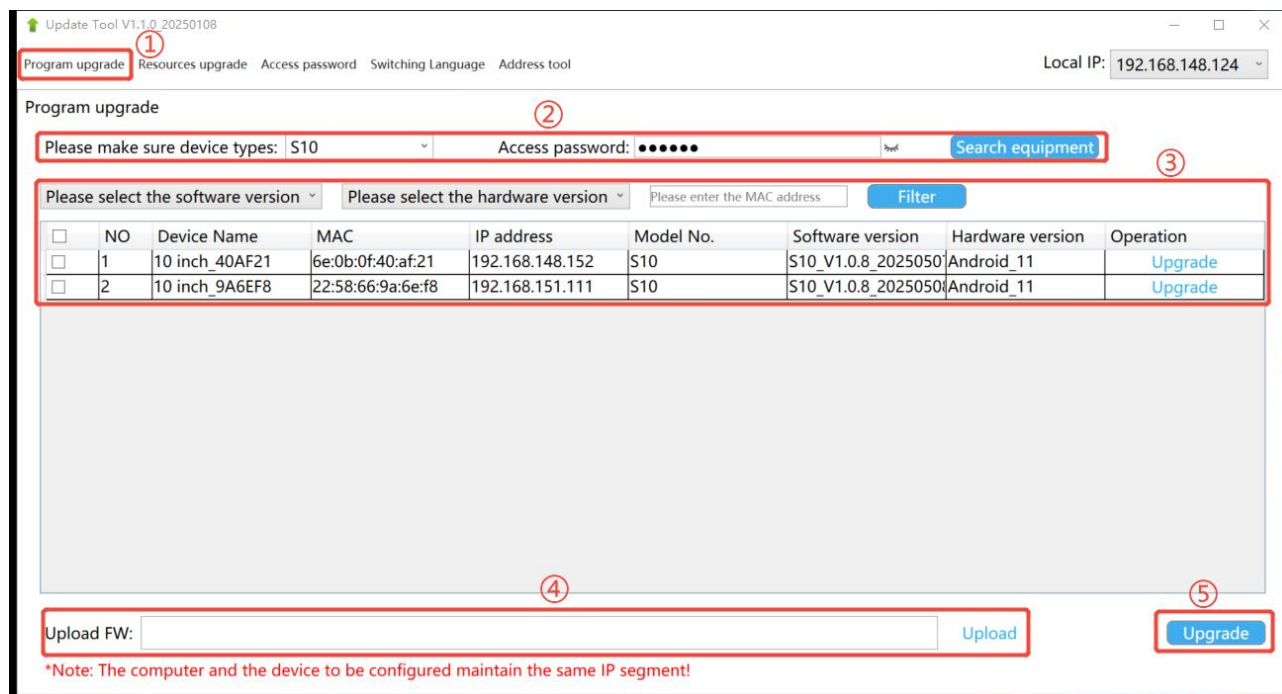


Fig.10.1 Program upgrade

①Touch to enter the program upgrade page, as shown in Fig.10.1.

②Enter or select the name of the device type that needs to be upgraded, and enter the access password: 801801, click "Search equipment" to search all S15 devices under the same IP segment.

Note: During the searching process, please keep the computer and the device under the same IP segment, if you still can't search, it may be the firewall of the computer that causes part of the function to be invalid, please turn off the firewall and try again.

③Display the list of all the searched devices and their corresponding device name, MAC, IP address, Model No., software version, hardware version information, check the box to select the devices that need to be upgraded.

Select software version/hardware version or input MAC address, click "Filter" button to filter the device of the same type.

④Click "Upload" to select the upgrade file from your computer's local files.

⑤Click "Upgrade" will upgrade all selected devices.

10.2. Customized Address Book Import

The S15 can import a customized address book through the PC tool. The detailed operations are as follows:

1.PC Tools imports a customized address book:

Update Tool V1.1.0_20250108

Program upgrade **Resources upgrade** Access password Switching Language Address tool Local IP: 192.168.148.124

Resources upgrade

Please make sure device types: S10 Access password: Search equipment

Address book **Configuration file**

Please select the software version Please select the hardware version Please enter the MAC address Filter

☐	NO	Device Name	MAC	IP address	Model No.	Software version	Hardware version	Operation
☐	1	10 inch_40AF21	6e:0b:0f:40:af:21	192.168.148.152	S10	S10_V1.0.8_2025050	Android_11	Upgrade
☐	2	10 inch_9A6EF8	22:58:66:9a:6e:f8	192.168.151.111	S10	S10_V1.0.8_2025050	Android_11	Upgrade

Upload FW: Upload Verify encrypted password

*Note: The computer and the device to be configured maintain the same IP segment!

Fig.10.2(1)Customized Address Book Import

①Click to enter the Resources Upgrade page, as shown in Figure 10.2(1).

②Enter or select the device type name and enter the access password: 801801, click "Search equipment" to search all S15 devices under the same IP segment.

③Click to select the function type "Address Book" to upload a customized address book.

④Display the list of all the searched devices and their corresponding device name, MAC, IP address, Model No., software version, hardware version information, check the box to select the devices that need to be upgraded.

Select software version/hardware version or input MAC address, click "Filter" button to filter the device of the same type.

⑤Click Upload Customized Address Book.

Note: The file suffix is .xml.

Such as : S15_addressBook_20240628.xml. No spaces or special characters are allowed.

The customized address book configuration operation is detailed in Chapter 10.2.1.

⑥Enter the address book verify encrypted password.

⑦Click "Upload" to select the upgrade file from your computer's local files.

Note: The file name needs to be named starting with S15 and the file suffix is apk.

Such as : S15 TOUCH PANEL_V1.0_20240628.apk. No spaces or special characters are allowed.

2.Customized address book synchronization to S15 devices

①After the customized address book is imported by PC tool, S15 will show "Address Book Update Successful".

② Enter the Setting page→click "Project Setting"→The device name is changed to match the address book name issued to S15.

10.2.1. Address tool

S15 can customize the user's area and device details in the address book through the PC tool. The specific operations are as follows:

Open the PC tool, click on "Address Tool" to navigate "Device universal configuration" page, as shown in Figure 10.2.1, click "Address Book Configuration Tool" to enter the configuration page.

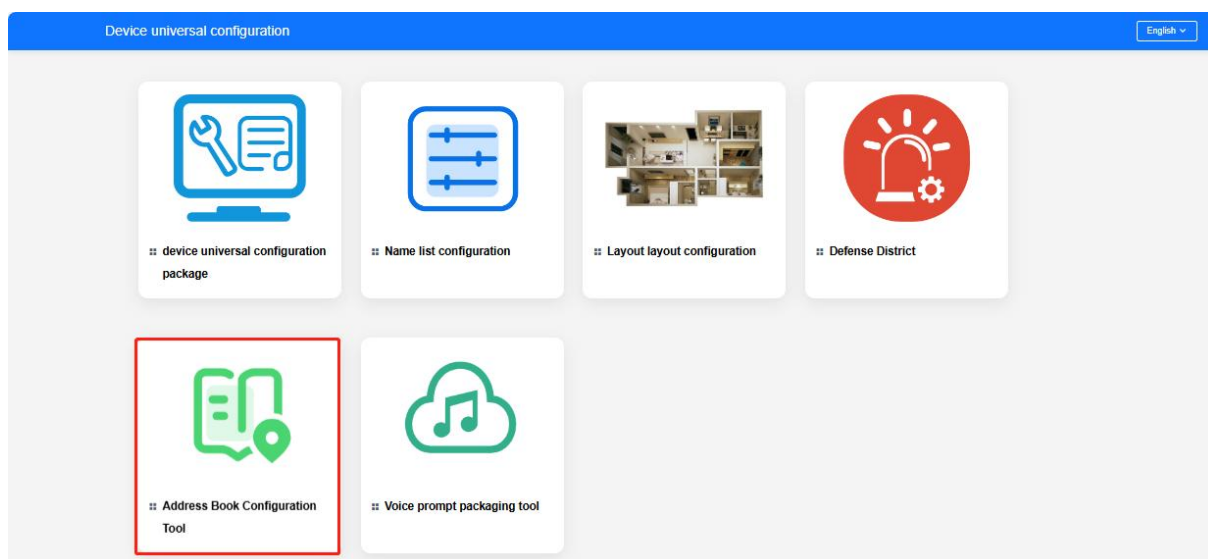
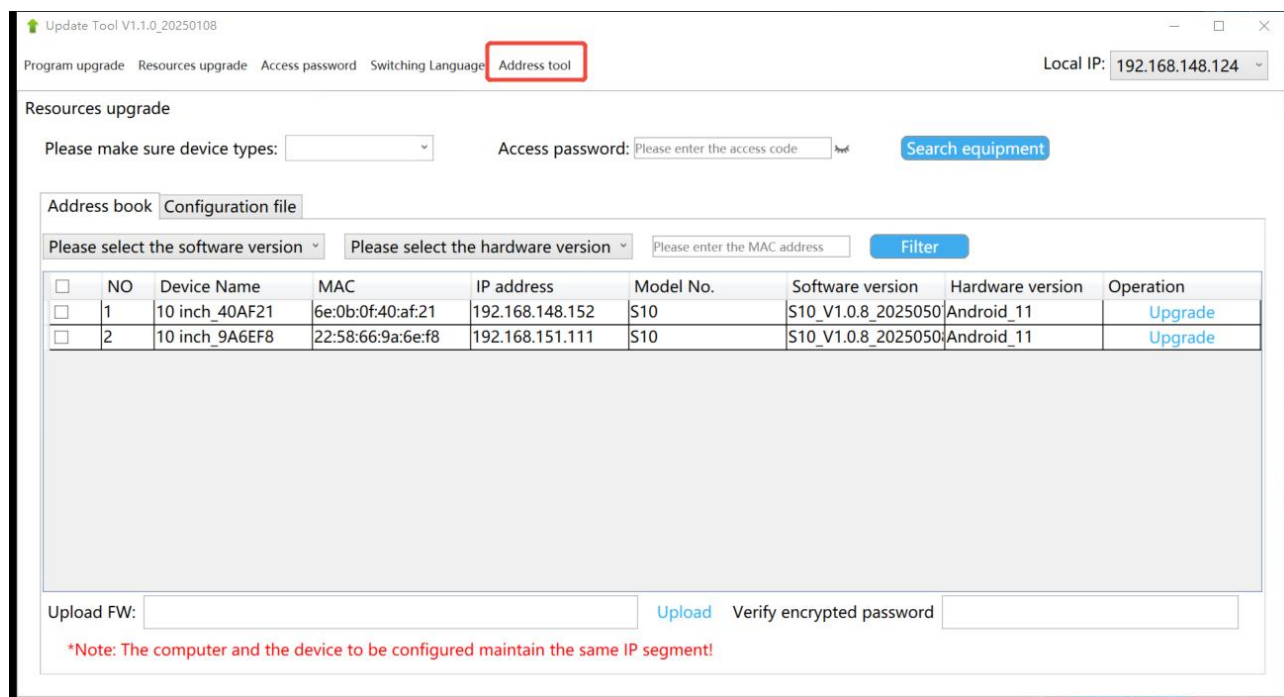


Fig.10.2.1Address tool

10.2.1.1. Project Configuration

The screenshot displays the 'Address Book Configuration Tool' interface. On the left, a vertical sidebar contains three icons: a group of people for 'Project Configuration', a gear for 'Area Configuration', and a device for 'Device Configuration & Preview Export'. The main area shows a form with the following fields and buttons:

- A warning message at the top: "Please export the address book in time, otherwise all data will be cleared after exiting the page."
- Field ①: "project name:" with a text input field and a "describe:" field below it.
- Field ②: "Region Hierarchy:" with a dropdown menu showing "1" and a note "For example: building-unit-room number".
- Field ③: "Hierarchy Description" with a text input field.
- Buttons ④ and ⑤: "Import Address Book" and "Next step" respectively.

10.2.1.1(1) Project Configuration

① Enter the project name and describe.

Note: The name input length is 4~50, please re-enter.

② Select region hierarchy.

Note: options, 1~5, for example: building-unit-room number.

③ Enter hierarchy description.

④ Click to bring up a sub-window, as shown in Figure 10.2.1.1(2), click "Please upload the .xml file of the address book", enter the "encryption password" for the uploaded address book and click on "Submit" to import the address book.

Note: Encryption password within 32 characters, the format is not limited. Encryption password not set can be ignored.

Import Address Book X



Please upload the xml file of the address book

Encryption Password

● Encryption password not set can be ignored

Fig.10.2.1.1(2) Import address book

⑤Click to enter the "Area Configuration" page, ,Detail operation in chapter 10.2.1.2.

10.2.1.2. Area Configuration

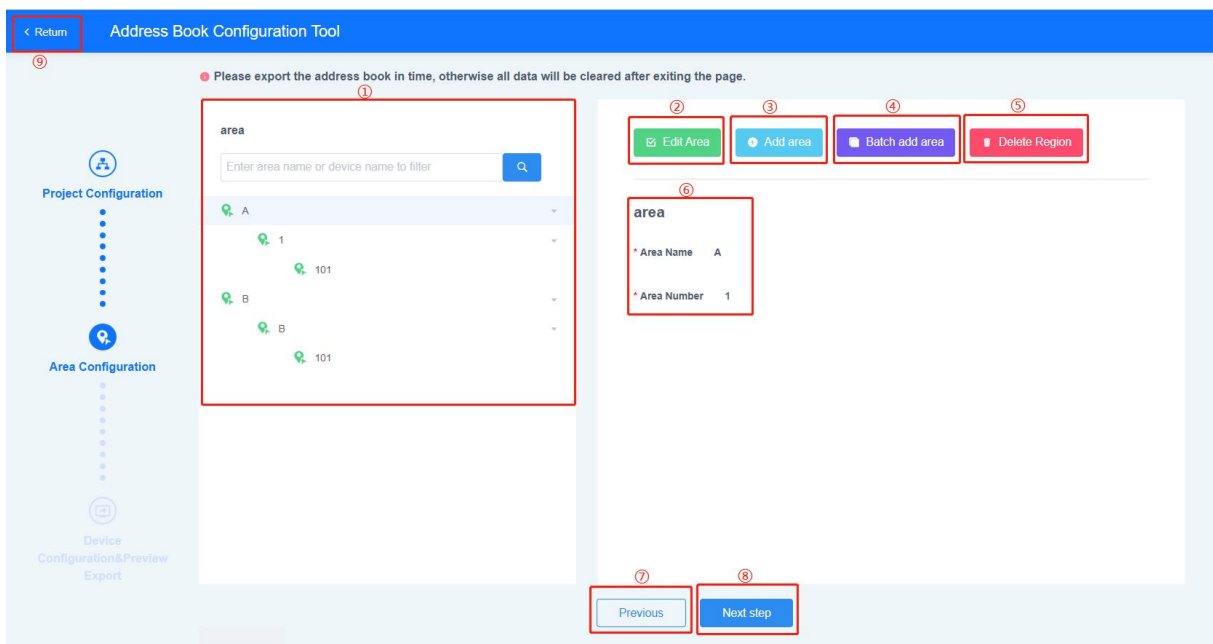


Fig.10.2.1.2(1) Area Configuration

①Enter area name or device name and click the icon "🔍" to filter the same area or device.

②Click to display the "Edit area" pop up sub-window, as shown in Figure 10.2.1.2(2).

Note: You need to add an area before you can edit area.

Area name: Cannot be empty, input length is 1-20 digits, no special symbols can be entered.

Area number: Cannot be empty, input length is 1-4 digits, only numbers can be entered.

Group call: Turn on/off group call. After it is turned on, you can call all devices in the group by clicking the group call icon.

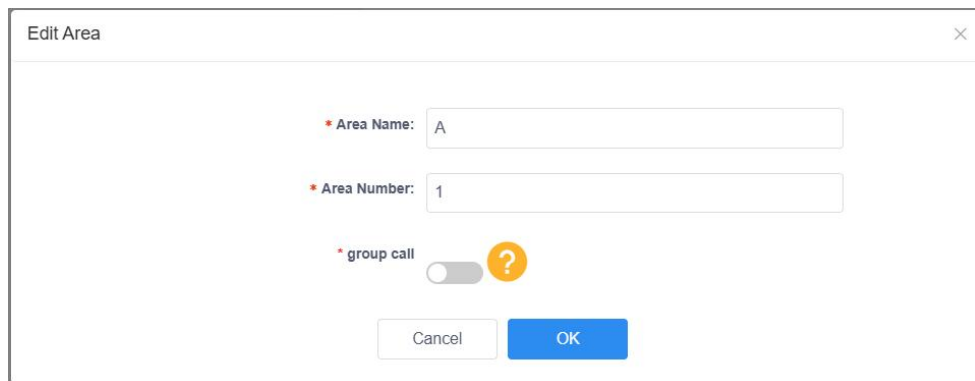


Fig.10.2.1.2(2) Edit area

③ Click to display the "Add area" pop up sub-window, as shown in Figure 10.2.1.2(3). The specific operations are similar to editing area, and will not be elaborated here.

Note: When adding more than the set region hierarchy, the following warning appears.

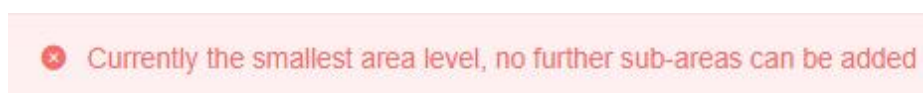


Fig.10.2.1.2(3)

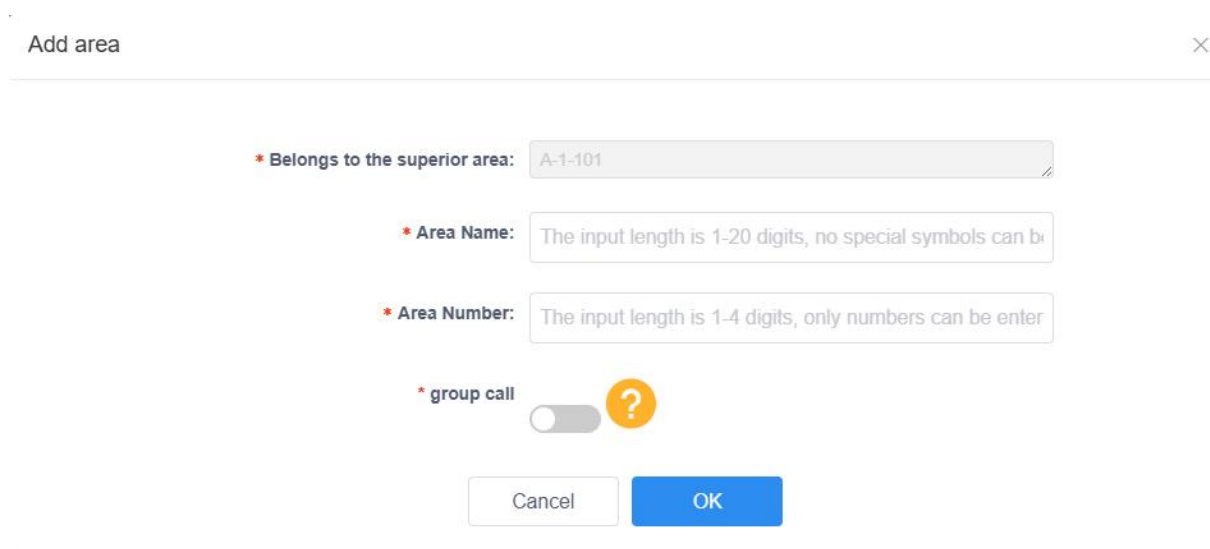


Fig.10.2.1.2(4) Add area

④Click to display the "Batch add area" pop up sub-window, as shown in Figure 10.2.1.2(5).

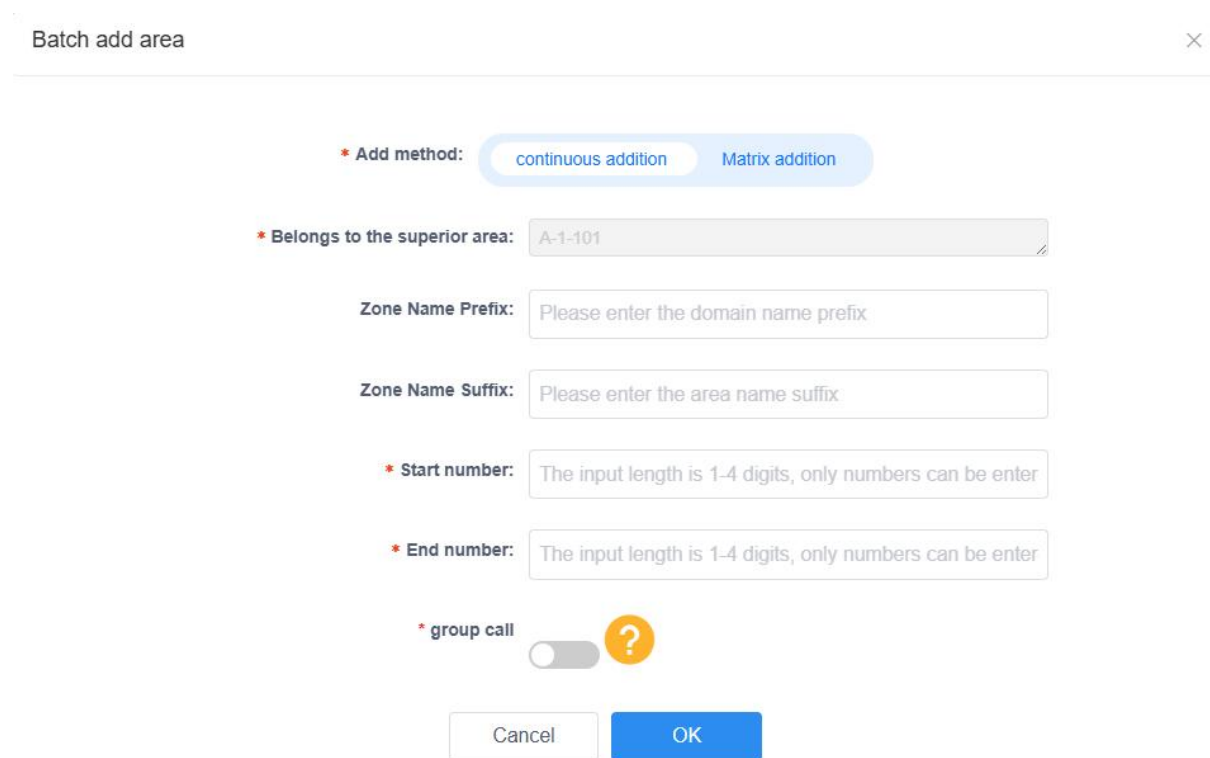


Fig.10.2.1.2(5) Batch add area

Add method: You can choose to "continuous addition" or "matrix addition", here will be "continuous addition" area as an example to illustrate, "matrix addition" operation is similar, will not be elaborated here.

Belongs to the superior area: Defaults to the selected area and cannot be modified.

Zone name prefix/suffix: Optionally, enter the domain name prefix or area name suffix.

Start/End number: Enter area start/end number, cannot be empty. The input length is 1-4 digits, only numbers can be enter.

Group call: Turn on/off group call. After it is turned on, you can call all devices in the group by clicking the group call icon.

⑤ Select the area and click "Delete region", a pop up sub-window will appear as shown in Fig.10.2.1.2(6). Click "Delete", all areas and devices below this area will be deleted together.

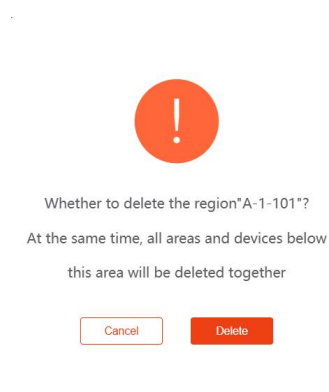


Fig.10.2.1.2(6) Delete region

⑥ Display the name and number of the selected area.

⑦ Click to return the "Project configuration" page.

⑧ Click to enter the "Device configuration&preview export" page, ,Detail operation in chapter 10.2.1.3.

⑨ Click to return the "Device universal configuration" page.

10.2.1.3. Device configuration&Preview export

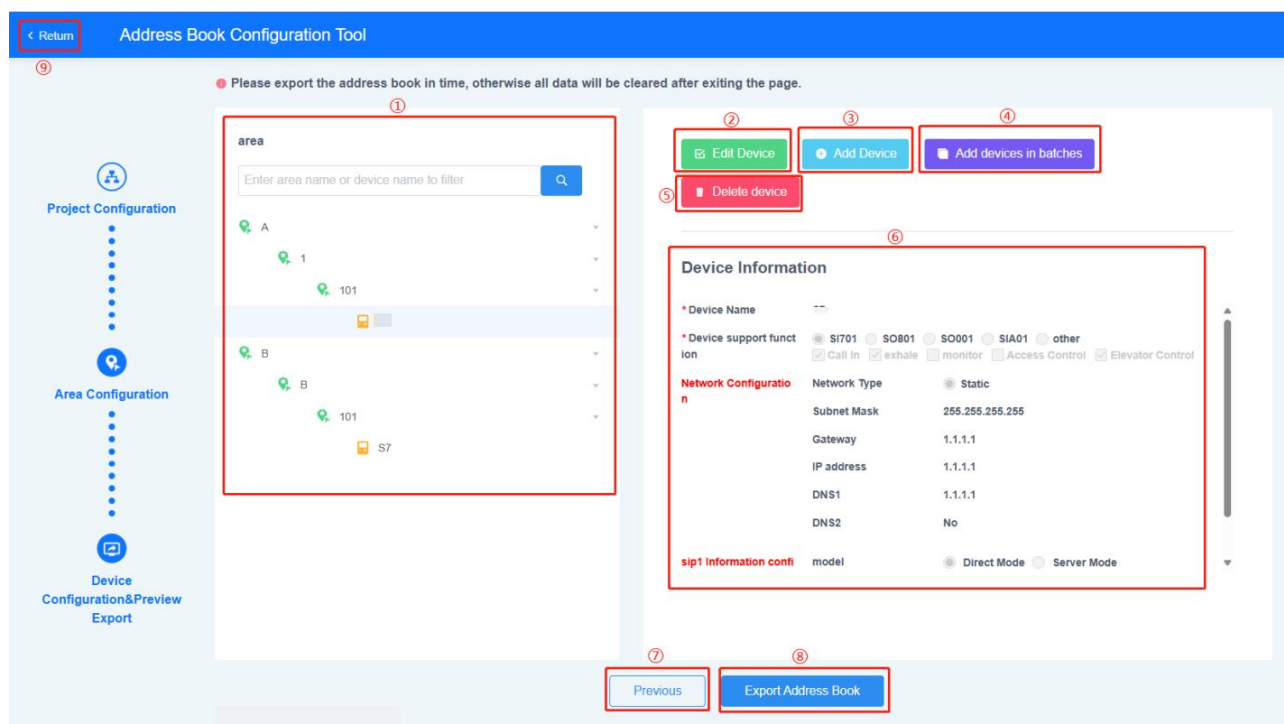


Fig.10.2.1.3(1) Device configuration&Preview export

① Enter the area name or device name and click the icon "  " to filter the same area or device. Click on the selected device to display the details of that device on the right side.

② Click to display the "Edit area" pop up sub-window, as shown in Figure 10.2.1.3(2).

Note: You need to add an area before you can edit area.

Edit Device

*Basic Information Configuration

* Device Name:

* Device support function:

☒ SI701
☐ SO801
☐ SO001
☐ SIA01
☐ other

☒ Call In
☒ exhale
☐ monitor

☐ Access Control
☒ Elevator Control

*Network Configuration

Network Type:

☒ Static

* Please enter the subnet mask:

255.255.255.255

* Please enter the gateway:

1.1.1.1

* Please enter the IP address:

1.1.1.1

* Please enter DNS1:

1.1.1.1

Cancel

OK

Edit Device

* Please enter the gateway:

1.1.1.1

* Please enter the IP address:

1.1.1.1

* Please enter DNS1:

1.1.1.1

Please enter DNS2:

Please enter DNS2, format reference: 1.1.1.1

*sip1 information configuration

model:

☒ Direct Mode
☐ Server Mode

* please enter user name:

07

sip2 information configuration

More

Cancel

OK

Fig.10.2.1.3(2) Edit device

(1) Basic information configuration

Device name: The input length is 1-16 digits, no special symbols can be entered.

Device support function:

SI701: call in, exhale, elevator control

SO801: exhale, monitor, access control, elevator control

SO001: call in, exhale, monitor, access control, elevator control

SIA01: call in, exhale

other: customize the selection of device support functions, you can choose call in, exhale, monitor, access control, elevator control, cannot be empty.

Illustrate:

Call in: device support call.

exhale: device support is called.

monitor: the device supports being monitored.

access control: device supports unlocking function.

elevator control: device support control elevator

(2) Network configuration

Network type: default is "Static" network, you need to manually set the IP and other information.

Please enter the subnet mask/gateway/IP Address/DNS1/DNS2 according to the reference format.

Note: The input IP address needs to avoid special IP, such as 127.0.0.1, etc.

(3) SIP1/SIP2 information configuration

When selecting "Direct Mode," enter the user name to configure the information of SIP1/SIP2 to the local SIP account.

When selecting "Server Mode," enter the user name, password, server IP, and select the protocol type to configure the information of SIP1/SIP2 to the cloud SIP account.

Note: 1.Please enter the registered user name and password of the SIP server, cannot be empty

2.The input IP address needs to avoid special IP, such as 127.0.0.1, etc.

③Click to enter the "Add device" page, the specific operations are similar to "editing device", and will not be elaborated here.

④Click to enter "Add devices in batches" , as shown in Figure 11.2.1.3(3), you can batches add devices for the selected area.The specific operations are similar to "Add device", and will not be elaborated here.

Add devices in batches

Area level selection: A

Number of newly added devices in each area: 1

*Basic Information Configuration

Device Name: Fixed to add a number to the name of the group to which it t

* Device support function: ☒ SI701 ☐ SO801 ☐ SO001 ☐ SIA01 ☐ other

☒ Call In ☒ exhale ☐ monitor

☐ Access Control ☒ Elevator Control

*Network Configuration

Network Type: ☒ Static

* Please enter the subnet mask: Please enter the subnet mask, format reference: 255.255.25

* Please enter the gateway: Please enter the gateway, format reference: 1.1.1.1

* Please enter the IP address: Please enter the IP address, format reference: 1.1.1.1

Cancel OK

Add devices in batches

* Please enter the subnet mask: Please enter the subnet mask, format reference: 255.255.255

* Please enter the gateway: Please enter the gateway, format reference: 1.1.1.1

* Please enter the IP address: Please enter the IP address, format reference: 1.1.1.1 ?

* Please enter DNS1: Please enter DNS1, format reference: 1.1.1.1

Please enter DNS2: Please enter DNS2, format reference: 1.1.1.1

*sip1 information configuration

model: ☒ Direct Mode ☐ Server Mode

please enter user name: Fixed as the area number of the parent group+equipment ?

sip2 information configuration

More

Cancel OK

Fig.10.2.1.3(3) Add devices in batches

⑤ Select the device and click "Delete device". A pop up sub-window will appear as shown in Figure 10.2.1.3(4). Click "Delete" to remove the selected device.

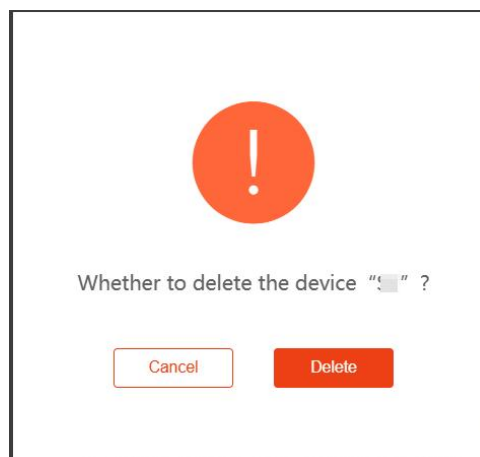


Fig.10.2.1.3(4) Delete device

⑥ Display detailed information of the selected device.

⑦ Click to return the "Area configuration" page.

⑧ Click on export address book, a pop sub-window will appear as shown in Fig.10.2.1.3(5), where you can choose to enter an encryption password for the

address book. The encryption password within 32 characters, the format is not limited.

Set address book encryption password ×

Encryption Password

Please enter a password within 32 characters, the format is not limited

Encryption password not set can be ignored

neglect

Submit

Fig.10.2.1.3(5) Encryption password

Note: 1. Please export the address book in time, otherwise all data will be cleared after exiting the page.

2. When equipment information is duplicated, as shown in Fig.10.2.1.3(6), please modify the duplicated equipment information, otherwise, it cannot be exported.

Device Information Duplicate List ×

The following equipment information is duplicated. Please modify the duplicated equipment information. After clicking 'Confirm', it will judge the duplication of equipment input information.

Device Name	Device IP	Region	Operation
	1.1.1.1	101	To modifyDelete
	1.1.1.1	101	To modifyDelete

Cancel

OK

Fig.10.2.1.3(6) Device information duplicate list

⑨Click to return the "Device universal configuration" page.

10.3. UI Resource Replacement

The S15 can import custom UI resources through PC tools. The resources that can be imported include theme thumbnails, background, system boot image and application startup animation image, screensaver background replacement image, device icons, ect. The specific operations are as follows:

1.PC Tools imports custom UI resources:

Update Tool V1.1.0_20250108

Program upgrade Resources upgrade Access password Switching Language Address tool Local IP: 192.168.148.124

Resources upgrade

Please make sure device types: S10 Access password: Access password: Search equipment

Address book Configuration file

Please select the software version Please select the hardware version Please enter the MAC address Filter

☐	NO	Device Name	MAC	IP address	Model No.	Software version	Hardware version	Operation
☐	1	10 inch_40AF21	6e:0b:0f:40:af:21	192.168.148.152	S10	S10_V1.0.8_2025050	Android_11	Upgrade
☐	2	10 inch_9A6EF8	22:58:66:9a:6e:f8	192.168.151.111	S10	S10_V1.0.8_2025050	Android_11	Upgrade

Upload FW: Upload Upgrade

*Note: The computer and the device to be configured maintain the same IP segment!

10.3(1)Custom UI resource import:

①Click to enter the Resources Upgrade page, as shown in Figure 10.3(1).

②Enter or select the device type name and enter the access password: 801801, click "Search equipment" to search all S15 devices under the same IP segment.

③Click to select the function type "Configuration file" to upload a customized UI resources.

④Display the list of all the searched devices and their corresponding device name, MAC, IP address, Model No., software version, hardware version information, check the box to select the devices that need to be upgraded.

Select software version/hardware version or input MAC address, click "Filter" button to filter the device of the same type.

⑤Click Upload customized UI resources.

Note: The file suffix is tar.

Such as: S15.tar. No spaces or special characters are allowed.

The customized UI resources configuration operation is detailed in Chapter 10.3.1.

⑥Click "Upload" to select the upgrade file from your computer's local files.

Note: The file name needs to be named starting with S15 and the file suffix is apk.

Such as : S15_TOUCH_PANEL_V1.0_20240628.apk. No spaces or special characters are allowed.

2.Customized UI resources synchronization to S15 devices

1.After the customized UI resources is imported by PC tool, S15 will show "Update Successfully".

2.After the UI resources are successfully updated, the S15 device will synchronously display the newly imported background image, device icon, logo, screensaver, ect.

10.3.1. UI resource configuration

The S15 can replace UI resources by creating a replacement file named "archive.tar". This chapter will provide a detailed introduction to the replaceable UI content, its production requirements, and the generation of the "archive.tar" file. The specific operations are as follows:

10.3.1.1. UI Resource Creation Requirements

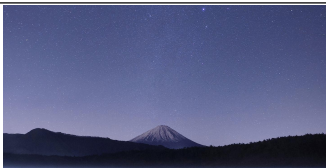
Make replacement images for each storage directory according to the

following requirements.

Theme Thumbnail. Default Storage Directory: theme

Category	Name	Example image	Size/px	Solid color size/px	Note
Theme	theme_thumb.png		360*180	1*1	You need to have this image in order to switch and replace device icons within the theme.

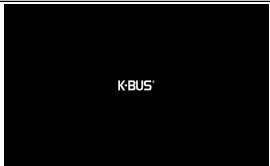
Background. Default Storage Directory: background

Category	Name	Example image	Size/px	Solid color size/px	Note
Background	img_bg_*.png (*is the replacement symbol.)		1440*720	1*1	If you need multiple background images, store multiple non Repeating " *" images

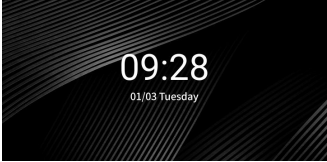
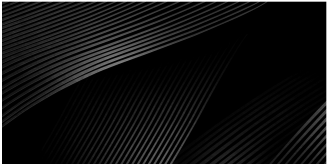
System boot image and application startup animation image.

Default Storage Directory: logo

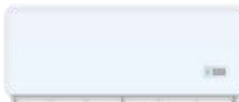
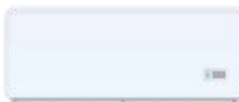
Category	Name	Example image	Size/px	Solid color size/px	Note
----------	------	---------------	---------	---------------------	------

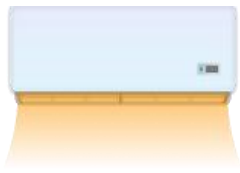
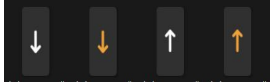
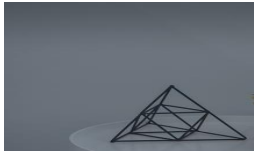
System boot	boot_animation.zip		Customizable, the system will default to center display.		Two playback methods: 1.Sequence frames + Playback definition. Defined as follows: Example: ① Sequence frames: Width (mm) + Height (mm) + Frame rate (fps) for the starting animation displayed on the screen. For example: 1280 720 1 ②Playback definition: Used to describe an animation segment, p + loop count + loop interval (s) + file directory path name. When the loop count is "0," it indicates that the animation segment will be displayed infinitely. For example: p 1 1 part0 A series of PNG files are stored in the file directory, and these PNG files will be displayed sequentially on the screen. 2.Single image Note: The welcome page displayed on power on does not support replacement.
Application startup animation	img_splash.png		1440*720	1*1	

**Screensaver background replacement image.Default Storage Directory:
screenSaver**

Category	Name	Example image	Size/px	Solid color size/px	Note
Screensaver thumbnail	img_screen_saver_th umb.png		720*360	1*1	Each screensaver mode has its own thumbnail.
Digital Screensaver	img_screen_saver_*. png(*is the replacement symbol.)		1440*720	1*1	*=1~3 valid, meaning each screensaver supports up to 3 images for switching.
Dial Screensaver					
Weather Screensaver					
Shortcut Screensaver					
Family Album Screensaver					*=1~6 valid, meaning each screensaver supports up to 6 images for switching.

Device icon. Default Storage Directory: device Icon

Category	Name	Example image	Size/px	Note
Generic device icon	icon_*_on.png(*is the replacement symbol.)		112*112	These icons correspond to the icons numbered 1-12, 38-72, 78, 79, 80, and 84 in Chapter 9 "Icon Descriptions".
	icon_*_off.png(*is the replacement symbol.)		112*112	
	icon_*_on.png(*is the replacement symbol.)		190*190	These icons correspond to the icons numbered 73, 74, and 83 in Chapter 9 "Icon Descriptions".
	icon_*_off.png(*is the replacement symbol.)		190*190	
Music	icon_*_off.png(*is the replacement symbol.)		228*228	These icons correspond to the icons numbered 81 and 82 in Chapter 9 "Icon Descriptions".
HVAC	icon_*_off_cold.png(*is the replacement symbol.)		190*190	These icons correspond to the icons numbered 75, 76, and 77 in
	icon_*_off_heat.png(*is the replacement symbol.)			

	icon_*_on_heat.png(*is the replacement symbol.)			Chapter 9 "Icon Descriptions".
	icon_*_on_cold.png(*is the replacement symbol.)			
Venetian blind/ Roller blind Background	icon_roller_shutter_details_bg.png icon_roller_shutter_bg.png		260*328 148*172	
Curtain Background	icon_retractable_curtain_details_bg.png icon_retractable_curtain_bg.png		416*216 232*134	
Video Intercom	ic_intercom_function_*.png(*is the replacement symbol.)		112*112	
Call elevator	ic_intercom_call_elevator_down.png ic_intercom_call_elevator_down_activated.png ic_intercom_call_elevator_up.png ic_intercom_call_elevator_up_activated.png		68*140	
Scene	icon_*.png(*is the replacement symbol.)		216*284	These icons correspond to the icons numbered 13 to

Chapter 11 Icon list

11.1. Icon for device page

11.1.1. Theme 1 device icons

NO.	ETS options	Icon
01	General light	
02	Ceiling light	
03	Downlight	
04	Walllight	
05	Spotlight	
06	Chandelier	
07	Floor light	
08	LED strip	
09	RGB light	
44	Lock2	

NO.	ETS options	Icon
10	Curtain	
11	Roller blind	
12	Venetian blind	
38	TV	
39	Audio	
40	Socket(CHN)	
41	Socket(EU)	
42	Fan	
43	Lock1	
56	FIRE	

45	Power 1		57	Water Sensor	
46	Power 2		58	Gas Sensors	
47	Window 1		59	Sensor 1	
48	Window 2		60	Sensor 2	
49	Alarm		61	Temperature 1	
50	Projector		62	Temperature 2	
51	Multimedia		63	Humidity	
52	Presence		64	PM2.5	
53	Infrared Sensor		65	PM10	
54	Door Sensor		66	CO2	
55	VESDA		67	VOC	
68	Brightness		77	Air conditioner 3	

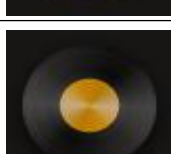
69	Wind speed		78	Heating	
70	Rain		79	Cooling	
71	Energy		80	Heating/Cooling	
72	I/O signal		81	Music 1	
73	Electronic heating		82	Music 2	
74	Water heating		83	Ventilation	
75	Air conditioner 1		84	AQI	
76	Air conditioner 2				

11.1.2. Theme 2 device icons

NO.	ETS options	Icon
01	General light	
02	Ceiling light	
03	Downlight	
04	Walllight	
05	Spotlight	
06	Chandelier	
07	Floor light	
08	LED strip	
09	RGB light	

NO.	ETS options	Icon
10	Curtain	
11	Roller blind	
12	Venetian blind	
38	TV	
39	Audio	
40	Socket(CHN)	
41	Socket(EU)	
42	Fan	
43	Lock1	

44	Lock2		54	Door Sensor	
45	Power 1		55	VESDA	
46	Power 2		56	FIRE	
47	Window 1		57	Water Sensor	
48	Window 2		58	Gas Sensors	
49	Alarm		59	Sensor 1	
50	Projector		60	Sensor 2	
51	Multimedia		61	Temperature 1	
52	Presence		62	Temperature 2	
53	Infrared Sensor		63	Humidity	

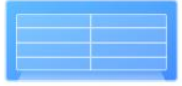
64	PM2.5		75	Air conditioner 1	
65	PM10		76	Air conditioner 2	
66	CO2		77	Air conditioner 3	
67	VOC		78	Heating	
68	Brightness		79	Cooling	
69	Wind speed		80	Heating/Cooling	
70	Rain		81	Music 1	
71	Energy		82	Music 2	
72	I/O signal		83	Ventilation	
73	Electronic heating		84	AQI	
74	Water heating				

11.1.3. Theme 3 device icons

NO.	ETS options	Icon
01	General light	
02	Ceiling light	
03	Downlight	
04	Walllight	
05	Spotlight	
06	Chandelier	
07	Floor light	
08	LED strip	
09	RGB light	

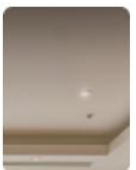
NO.	ETS options	Icon
10	Curtain	
11	Roller blind	
12	Venetian blind	
38	TV	
39	Audio	
40	Socket(CHN)	
41	Socket(EU)	
42	Fan	
43	Lock1	

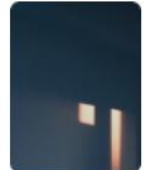
44	Lock2		54	Door Sensor	
45	Power 1		55	VESDA	
46	Power 2		56	FIRE	
47	Window 1		57	Water Sensor	
48	Window 2		58	Gas Sensors	
49	Alarm		59	Sensor 1	
50	Projector		60	Sensor 2	
51	Multimedia		61	Temperature 1	
52	Presence		62	Temperature 2	
53	Infrared Sensor		63	Humidity	

64	PM2.5		75	Air conditioner 1	
65	PM10		76	Air conditioner 2	
66	CO2		77	Air conditioner 3	
67	VOC		78	Heating	
68	Brightness		79	Cooling	
69	Wind speed		80	Heating/Cooling	
70	Rain		81	Music 1	
71	Energy		82	Music 2	
72	I/O signal		83	Ventilation	
73	Electronic heating		84	AQI	
74	Water heating				

11.2. Icon for scene page

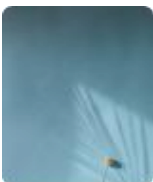
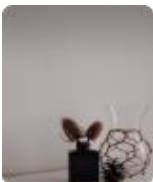
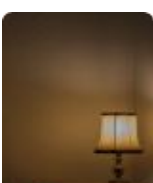
11.2.1. Theme 1 scene icons

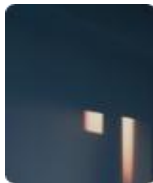
NO.	ETS options	Icon
13	General scene 1	
14	General scene 2	
15	General scene 3	
16	General scene 4	
17	General scene 5	
18	All on	
19	All off	
27	Sleeping	

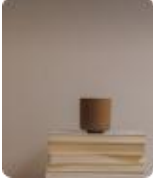
NO.	ETS options	Icon
20	Go home 1	
21	Leave home 1	
22	Go home 2	
23	Leave home 2	
24	Welcome	
25	Dinner	
26	Party	
33	Security	

28	Wake up		34	Conference	
29	Reading		35	Relax	
30	Media		36	Romantic	
31	Cleaning		37	Play	
32	Economy				

11.2.2. Theme 2 scene icons

NO.	ETS options	Icon
13	General scene 1	
14	General scene 2	
15	General scene 3	
16	General scene 4	
17	General scene 5	
18	All on	
19	All off	
27	Sleeping	

NO.	ETS options	Icon
20	Go home 1	
21	Leave home 1	
22	Go home 2	
23	Leave home 2	
24	Welcome	
25	Dinner	
26	Party	
33	Security	

28	Wake up		34	Conference	
29	Reading		35	Relax	
30	Media		36	Romantic	
31	Cleaning		37	Play	
32	Economy				

11.2.3. Theme 3 scene icons

NO.	ETS options	Icon
13	General scene 1	
14	General scene 2	
15	General scene 3	
16	General scene 4	
17	General scene 5	
18	All on	
19	All off	
27	Sleeping	

NO.	ETS options	Icon
20	Go home 1	
21	Leave home 1	
22	Go home 2	
23	Leave home 2	
24	Welcome	
25	Dinner	
26	Party	
33	Security	

28	Wake up			34	Conference	
29	Reading			35	Relax	
30	Media			36	Romantic	
31	Cleaning			37	Play	
32	Economy					