

# Appendix:

## UI Description for KNX Smart Touch Z10\_V1.0

### A-IS11



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**Dimensions:** 240x186.8x8mm

**Installation Method:** 86 wiring box

**Bus Voltage:** 21-30VDC, obtained through the KNX bus

**Bus Current:** 3mA

**Bus Power Consumption:** 90mW

**Auxiliary Voltage:** 12-30V DC

**Auxiliary Current:** 550mA/12VDC, 230mA/30VDC

**Auxiliary Power Consumption:** 7W

**Main Control Processor:** Uses A64; 4-core 64-bit; Cortex-A53

**Display Screen:** 10.1-inch high-definition screen, resolution 1280\*800

**Operating System:** Android 6

**<SIP>:** SIP+VDP

**Wired Single Network Port:** 1 RJ-45 port, 10M/100Mbps auto-adaptive, for video intercom

**RAM:** 2GB;

**ROM:** 8GB

**Communication Interface:** KNX communication interface

**Touch Method:** Capacitive screen

**Installation Method:** Surface 86 box installation or double 86 box installation

## Chapter 1 Introduction

This document is for the UI description of the KNX Smart Touch Z10. 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 introduce 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 WiFi, 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

## 1.1. Function Review

- ◆ 10.1-inch IPS touchscreen, resolution 1280x800
- ◆ Compatible with KNX smart home + SIP video intercom functions
- ◆ Supports control of lighting, curtains, air conditioning, fresh air, temperature control, background music, etc., and supports display of air quality, etc.
- ◆ Connects to doorbells and small entrance machines, supports call intercom functions for various scenarios
- ◆ Real-time monitoring of entrance machines, small entrance machines, perimeter machines, IP cameras, etc.
- ◆ Standard 8-zone alarm function, supports one-key broadcast function
- ◆ Supports cloud intercom, supports control via the Vison Smart Home APP
- ◆ Supports app control within the local area network
- ◆ Supports WIFI, supports ambient light function
- ◆ Supports standard 48V POE
- ◆ Supports tamper-proof and temperature sensor

## 1.2. Parameter

Dimensions: 240x186.8x8mm

Installation Method: 86 wiring box

Bus Voltage: 21-30VDC, obtained through the KNX bus

Bus Current: 3mA

Bus Power Consumption: 90mW

Auxiliary Voltage: 12-30V DC

Auxiliary Current: 550mA/12VDC, 230mA/30VDC

Auxiliary Power Consumption: 7W

Main Control Processor: Uses A64; 4-core 64-bit; Cortex-A53

Display Screen: 10.1-inch high-definition screen, resolution 1280\*800

Operating System: Android 6

<SIP>: SIP+VDP

Wired Single Network Port: 1 RJ-45 port, 10M/100Mbps auto-adaptive, for video intercom

RAM: 2GB;

ROM: 8GB

Communication Interface: KNX communication interface

Touch Method: Capacitive screen

Installation Method: Surface 86 box installation or double 86 box installation

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## Chapter 2 Power on guide

After the device is connected to the power supply, it enters the power on guide page.

As shown in Fig.2.1, you can select the device language and network.

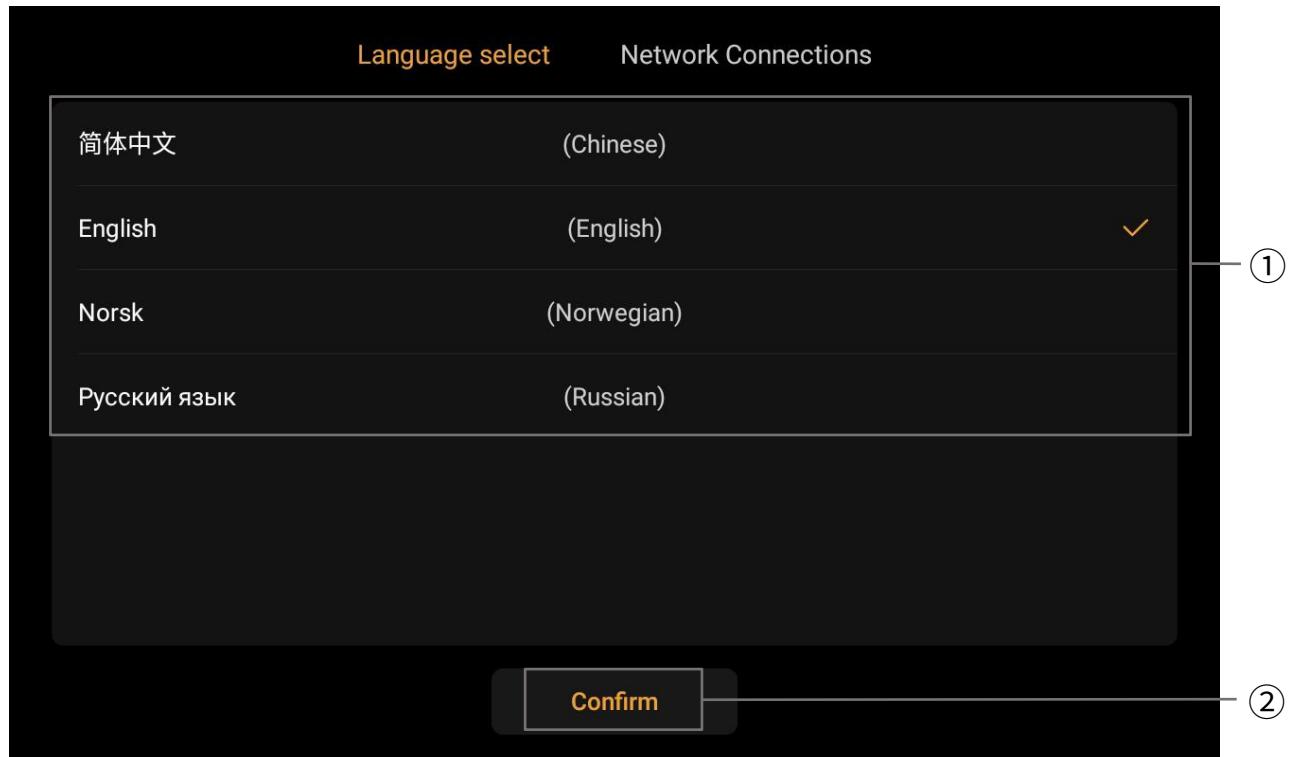


Fig.2.1 Guide Page-Language Selection

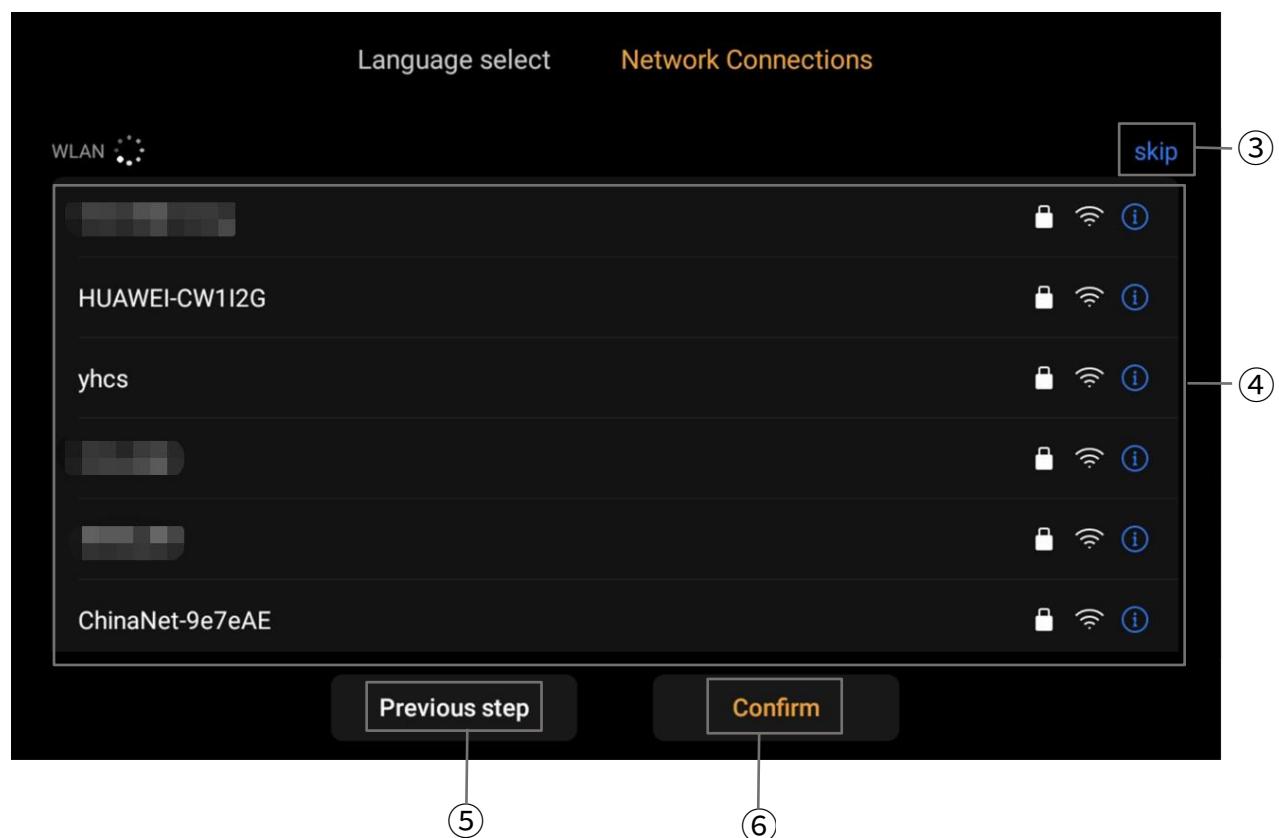


Fig.2.2 Guide Page-Network Connection



Fig.2.3 Select Network-Enter Password



Fig.2.4 Wrong Password

- ① Tap to select the device language.
- ② Click to enter the network connection page.
- ③ Click Confirm, and enter the default home page of the device.
- ④ Display the list of available networks, click to select the available networks, a pop-up window as shown in Fig.2.3 appears, enter the correct password, and then connect to the corresponding wireless network.
- ⑤ Click to return to the language selection page.
- ⑥ After successfully connecting to the WiFi, click to enter the default Home of the device.
- ⑦ Tap to enter the password of the connected wireless network.
- ⑧ Click to return to the network connection page, as shown in Fig.2.2.
- ⑨ Click to confirm password.

If the password is correct, the WiFi will be successfully connected.

If the password is incorrect, you will not be able to connect to this WiFi, and a pop-up window will appear as shown in Fig.2.4, click "Confirm" to re-enter the password.

## Chapter 3 Home page UI Description

### 3.1. Home page

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. The details contents are as follows:

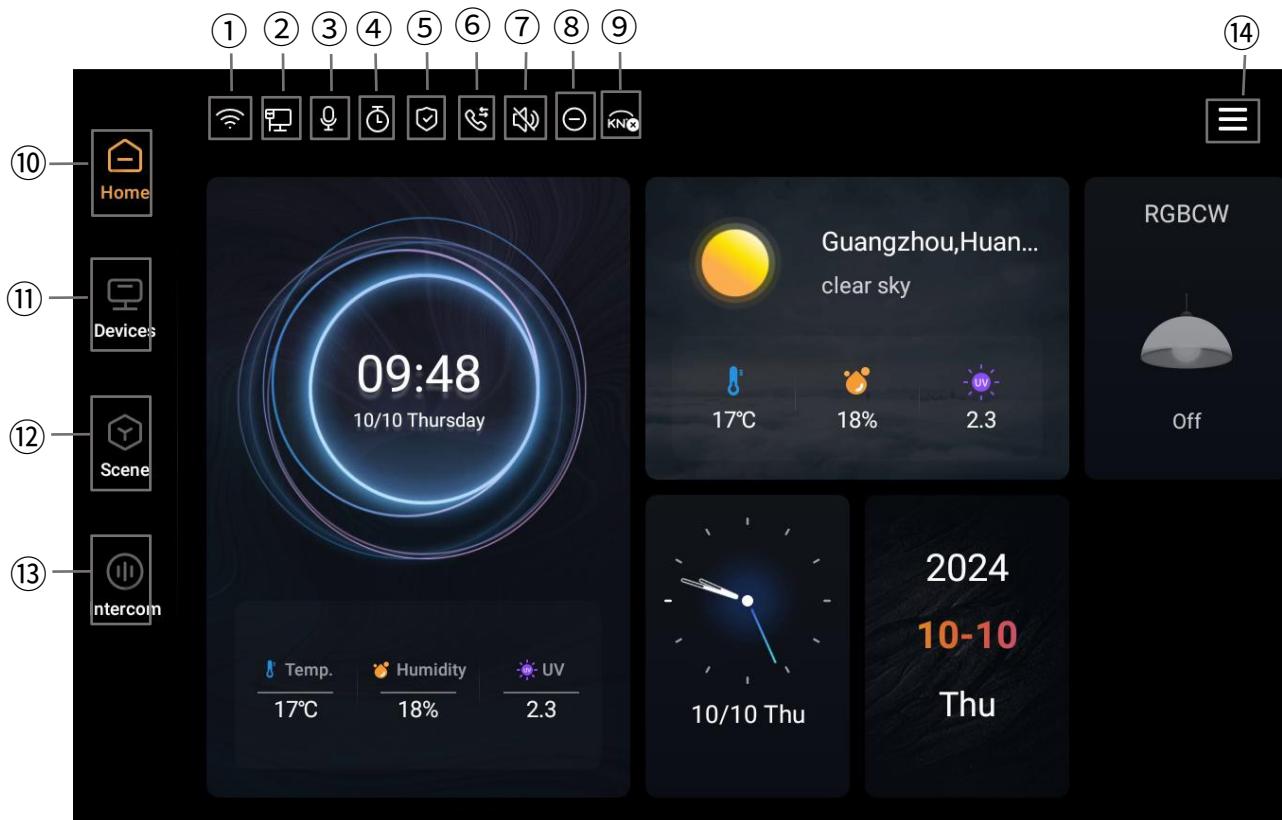


Fig.3.1Home page

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

②Icon indicate Ethernet is connected, Icon indicate Ethernet is not connected, Icon indicate IP conflict.

③Icon indicate microphone is turn on, Icon indicate microphone is turn off.

④Icon indicate schedule is active, absence this icon indicate schedule inactive.

⑤Icon  indicate alarm active, absence this icon indicate alarm inactive.

⑥Icon  indicate call forwarding.

⑦Icon  indicate that silent mode is turned on, absence this icon indicate that silent mode is turned off.

⑧Icon  indicate that DND mode is enabled, and the absence of this icon indicates that DND mode is turned off.

⑨Icon  indicate that the KNX bus is not connected.

⑩Touch enter the home page.

⑪Touch enter the devices page.

⑫Touch enter the scene page.

⑬Touch enter the intercom page.

⑭Touch  enter the home page setting, can choose to edit page or add card.

Detail description in chapter 3.1.1 and 3.1.2.

⑮Icon  indicate that the device is bound to the app and is normally connected to the cloud, and the icon  indicate that the device is bound to the app but is not connected to the cloud abnormally.

**Note: For card functions, please refer to Section 3.2 and Section 4.2.**

### 3.1.1 Edit page

Touch the icon  and select to enter the "Edit page". As shown in Fig.3.1.1(2).

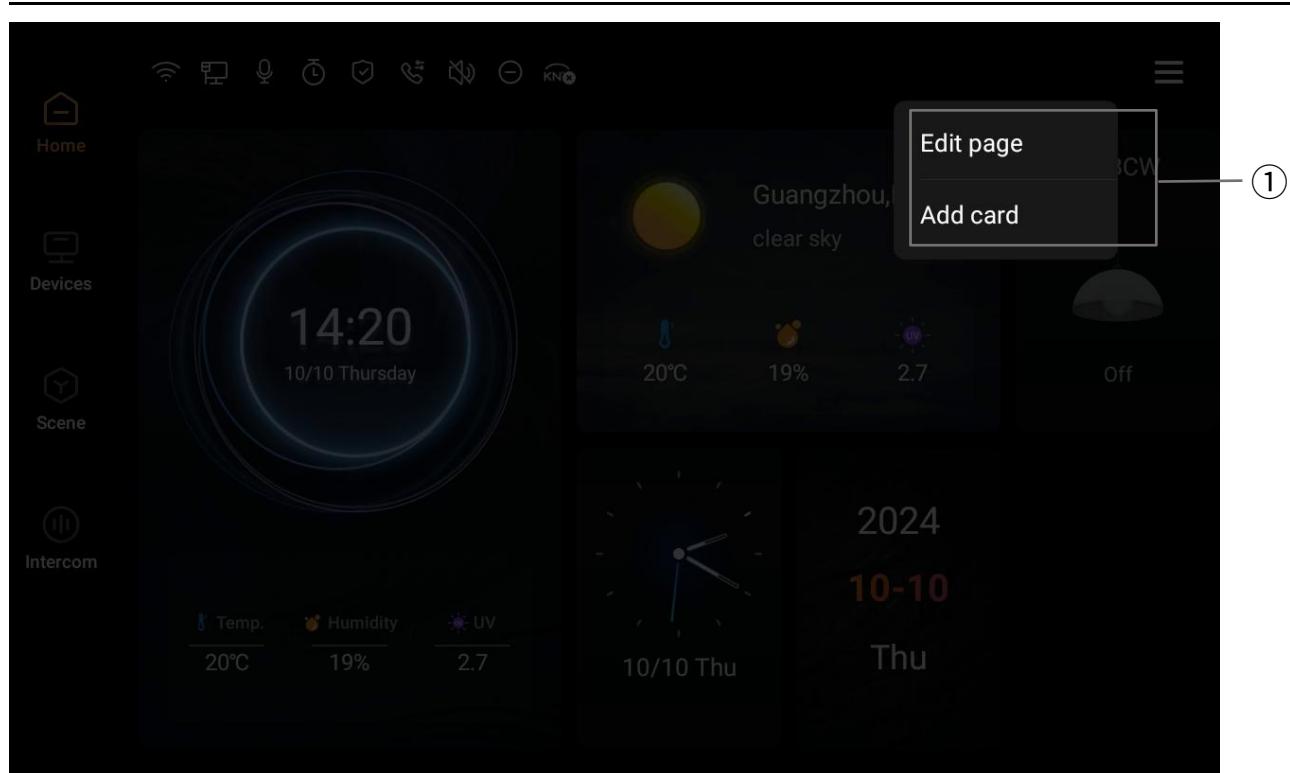


Fig.3.1.1(1)

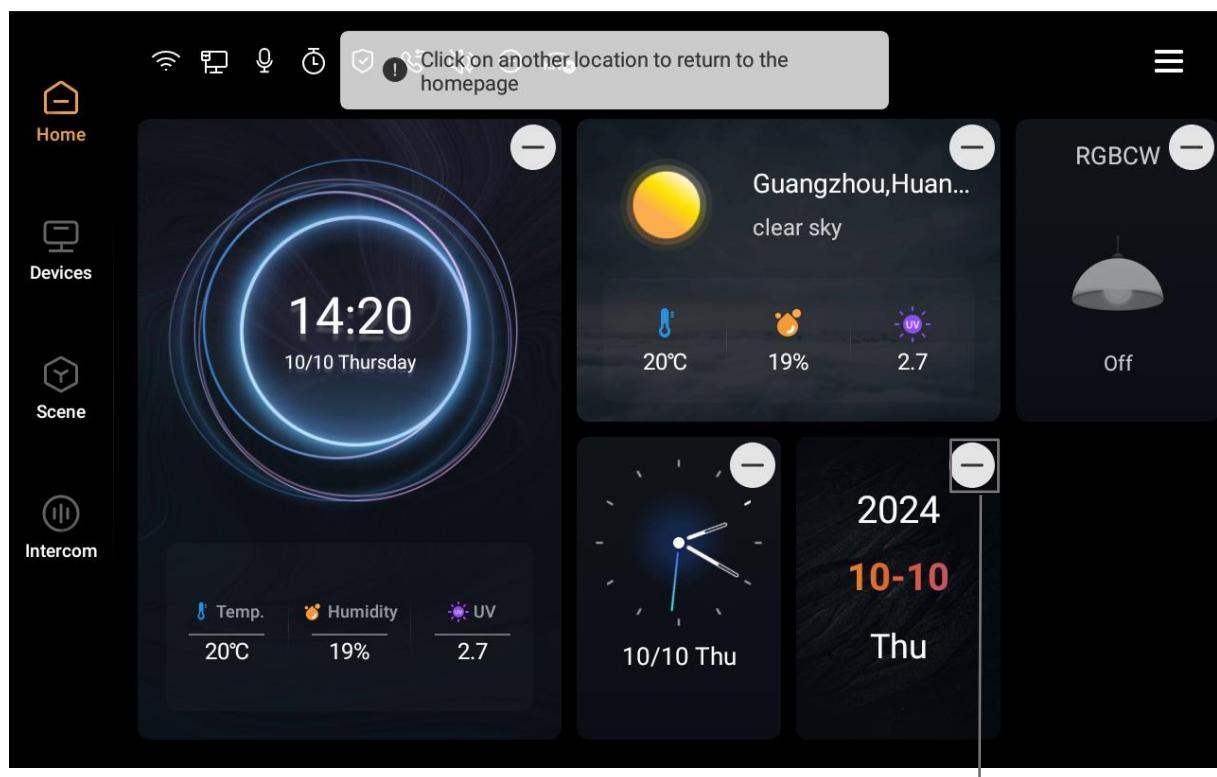


Fig.3.1.1(2) Edit page

②

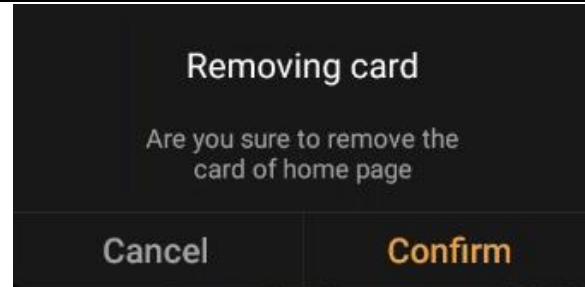


Fig.3.1.1(3)

**Removing card:**

- ① Touch to select to enter "Edit page" or "Add card".
- ② Touch pop up a sub-window, as shown in Fig.3.1.1(3), touch to "confirm" and delete this card to be displayed on the home page.

**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". As shown in Fig.3.1.2(1).

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Fig.3.1.2(1) Add card

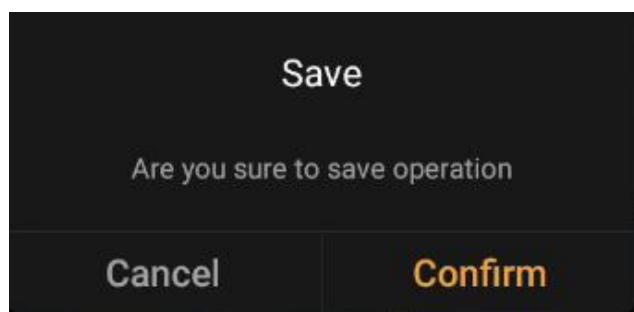


Fig.3.1.2(2)

#### Add card:

- ① Touch to switch card categories and find different types of device cards.
- ② Display the types of cards that can be added under the corresponding device category.

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③Touch to cancel the current selection and exit the add card page.

④Touch pop up a sub-window as shown in Fig.3.1.2(2), touch to confirm and add the card to the home page.

### 3.2 System card

This chapter describes the control interactions of the system cards. The default system cards include general card, weather card, dial card, date card and recently used card. The system cards can be displayed in the home page through the home page-add card.

#### 3.2.1 General card

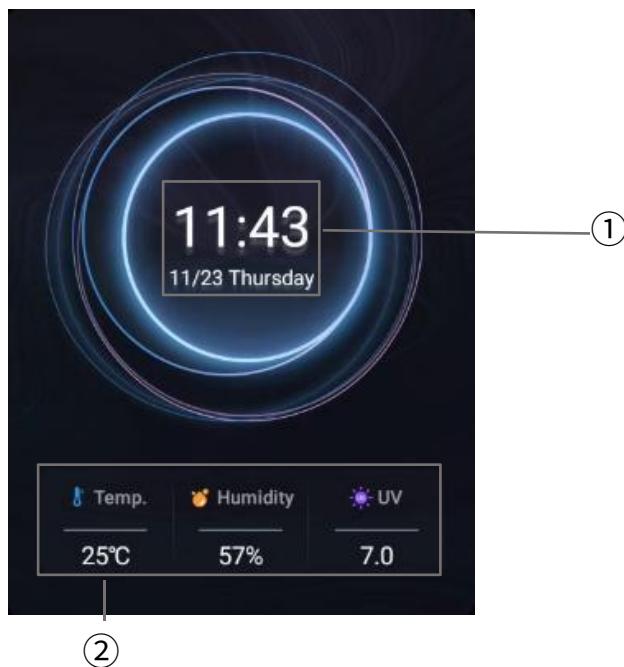


Fig.3.2.1 General card

①Displays 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

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page.

②Displays 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



Fig.3.2.2(1) Weather card



09/25	Wed	cloudy	16~26°C
09/26	Thu	cloudy	16~25°C
09/27	Fri	cloudy	19~23°C
09/28	Sat	shower rain	19~24°C
09/29	Sun	heavy rain	17~25°C
09/30	Mon	cloudy	15~21°C
10/01	Tue	clear sky	13~19°C

Fig.3.2.2(2)

① Displays the current region and weather.

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. As shown in Fig.3.2.2(2).

### 3.2.3 Dial card



Fig.3.2.3 Dial card

Displays the system time and date. The date and time can be modified in the setup page or from the bus.

Display in the home page, touch the dial card can switch the card style with six styles. As shown in Fig.3.2.3.

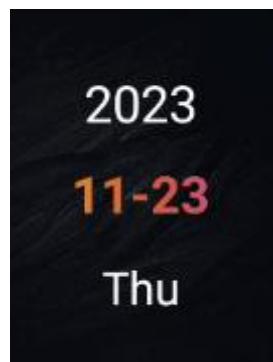
**3.2.4 Date card**

Fig.3.2.4(1) Date card

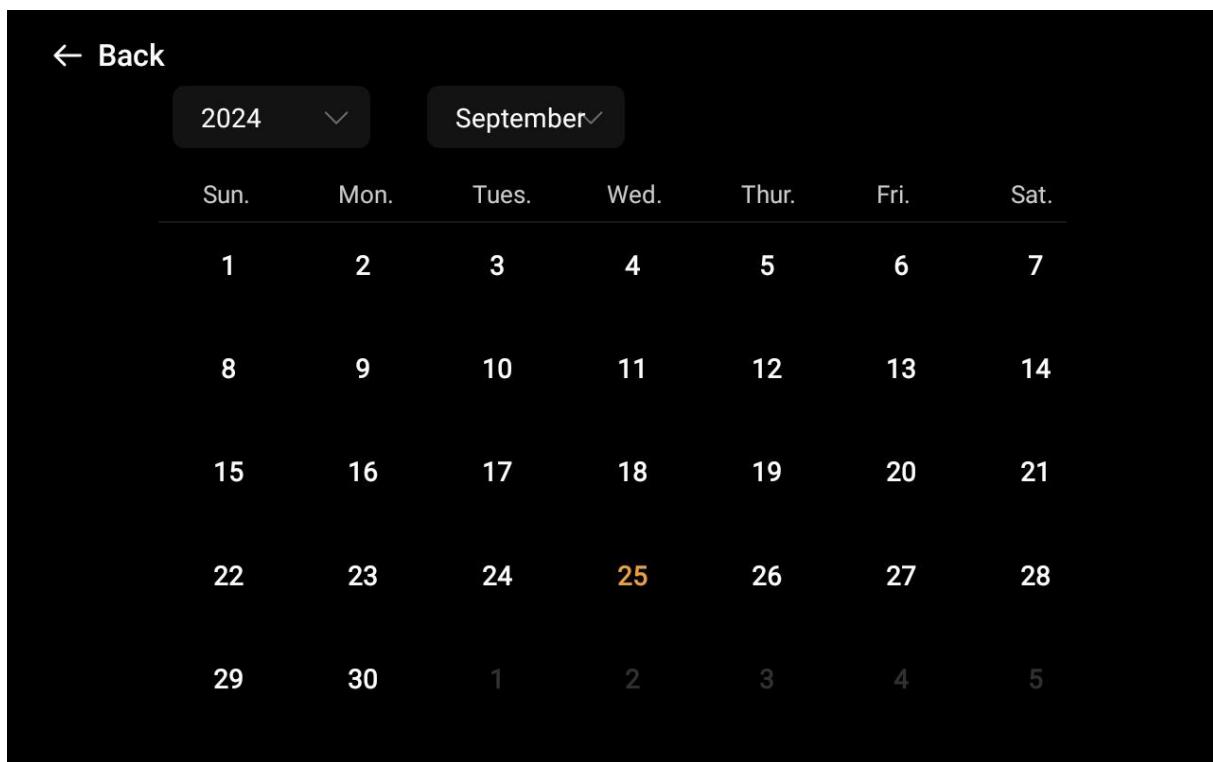


Fig.3.2.4(2)

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, as shown in Fig.3.2.4(2).

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### 3.2.5 Recommendation card

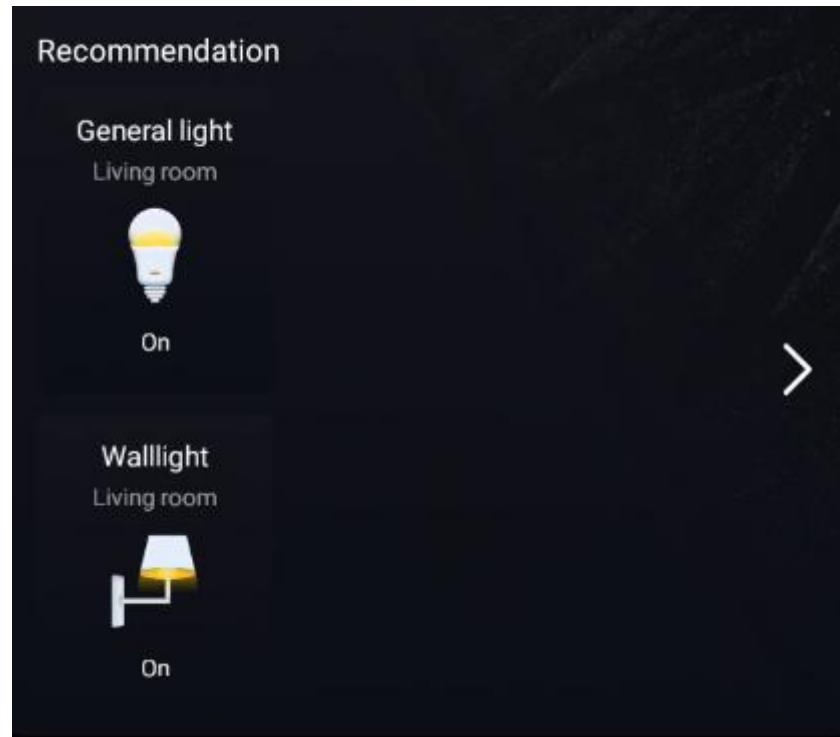


Fig.3.2.5 Recommendation card

Display the recommendation cards of the devices, which can automatically filter out the recently used card according to the frequency and number of times. Devices in the recommendation card can also be directly controlled, call up the control sub-window and other operations.

## Chapter 4 Device page UI Description

### 4.1 Device page

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.

#### 4.1.1 Device view



Fig.4.1.1 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.

Touch the card to operate the corresponding device function, detail operation in chapter 4.2.

#### 4.1.2 Area view

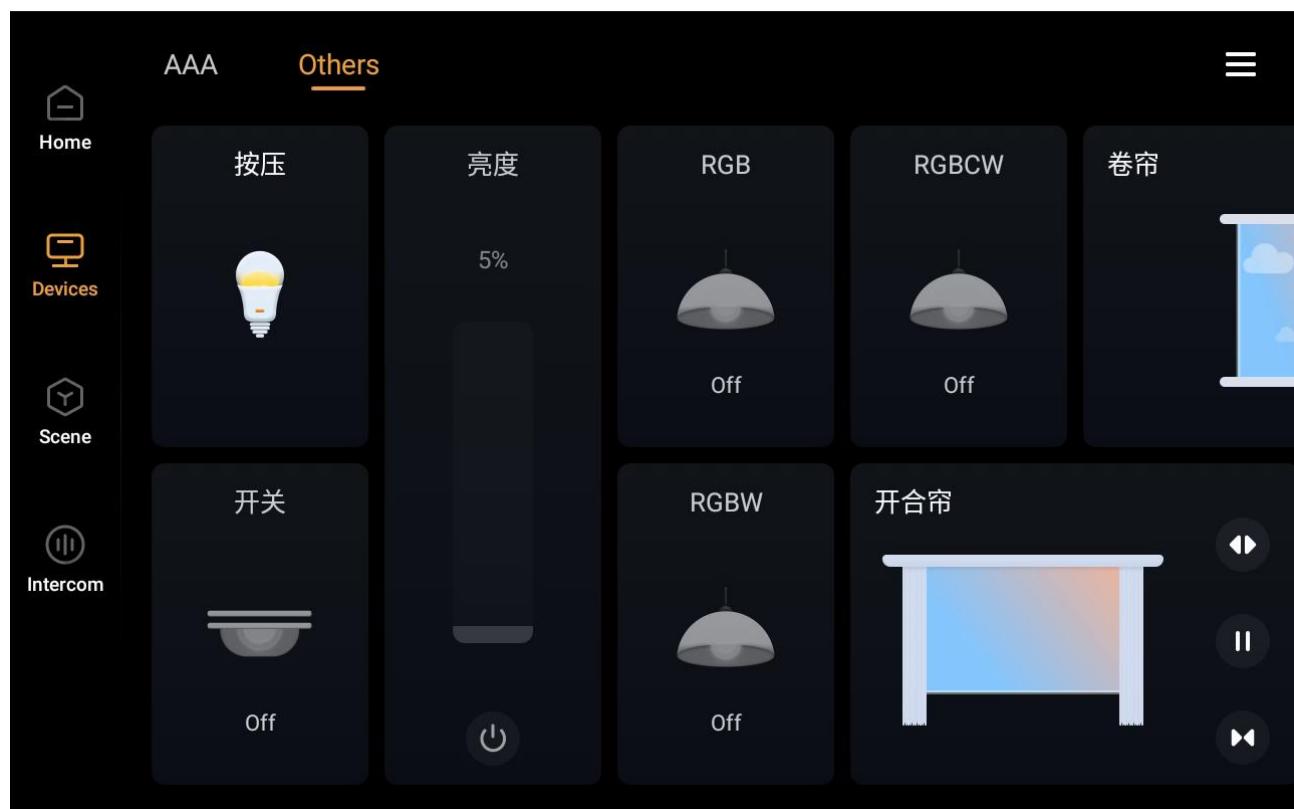


Fig.4.1.2 Device page\_area view

(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.

Touch the card to operate the corresponding device function, detail operation in chapter 4.2.

#### 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 Building plan control

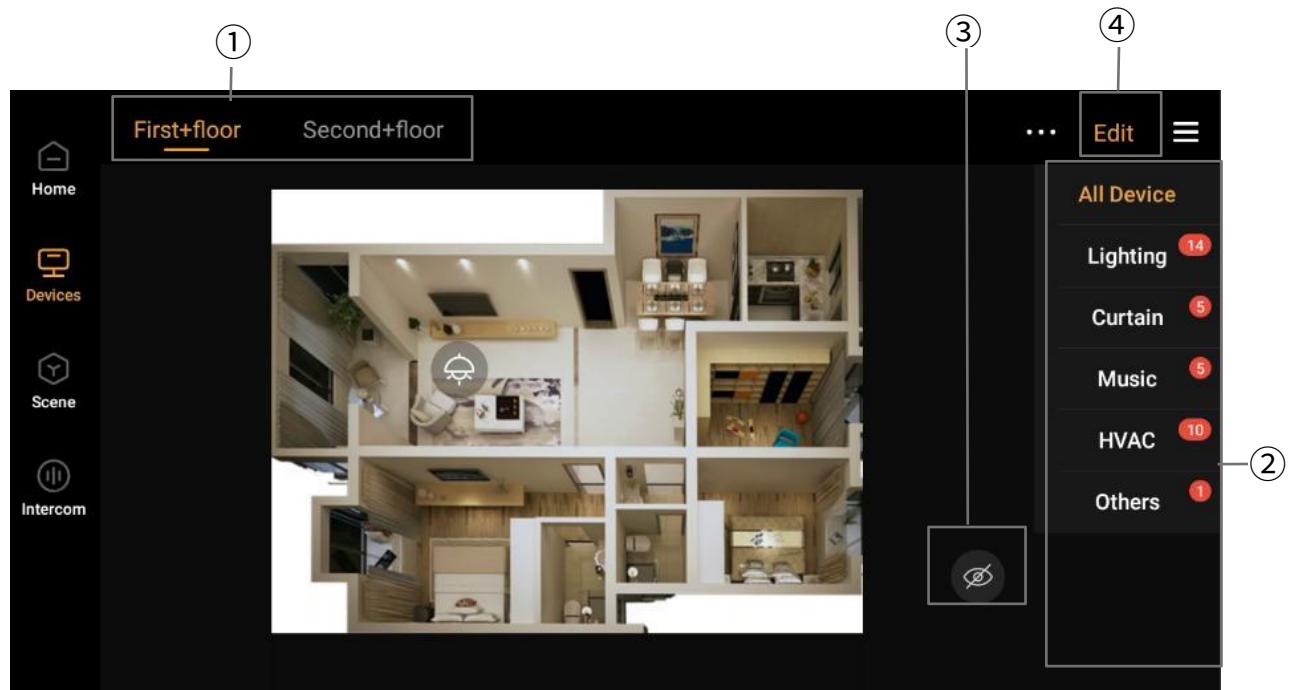


Fig.4.1.3.1 Building plan control

(1)To add the number of area and the building plan for each area, detail operation in chapter 8.12.

(2)Enter the building plan control page to display the device icon in the form of building

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plan.

①Touch on the corresponding area to enter the corresponding control page. Swipe left /right or touch the icon  to select the area you want to control .

②Filter the range of devices to be controlled by device category and swipe up and down to select different device types.

Touch the corresponding equipment icon on the building plan, you can control the equipment switch or call the equipment control page to realize the equipment control function.

③Display or hide the name under the device icon.

Icon  indicate display the device name,Icon  indicate hide the device name.

④Touch the "Edit" button to enter the edit building plan mode, detail operation in chapter 4.1.3.2.

#### 4.1.3.2 Edit building plan page



Touch the icon to enter the editing mode, as shown in Fig.4.1.3.2. The detail operations are as follows:



Fig.4.1.3.2 Edit building plan

①Swipe left or right to switch the different building plan and edit,such as the first floor, the second floor .....

② Touch to switch between different device types and position ③ displays the equipment belonging to the corresponding category.The red dots mark the number of this category without placed on the building plan.

③Displays a list of ② categorized devices, touch the device can be added to the building plan.Press the icon can be dragged to any position in the building plan.

Delete a device in a house plan: Select the device on the building plan and drag it down.

④Display or hide the name under the device icon.

Icon  indicate display the device name. Icon  indicate hide the device name.

⑤Touch the “Done” button to save the edits and return building plan control page.

## 4.2 Device card

This chapter describes the control interactions of the 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, as shown in Fig.4.2.1(1) ,Fig.4.2.1(2).



Fig.4.2.1(1) Turn on the lamp



Fig.4.2.1(1) 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).



Fig.4.2.2(1) Dimming function

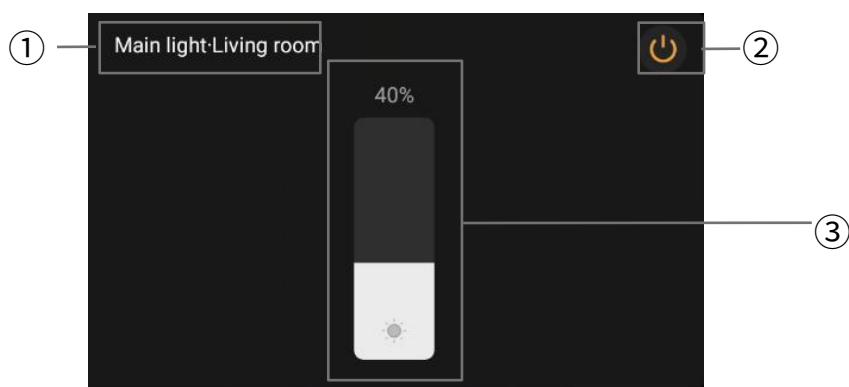


Fig.4.2.2(2) Brightness dimming

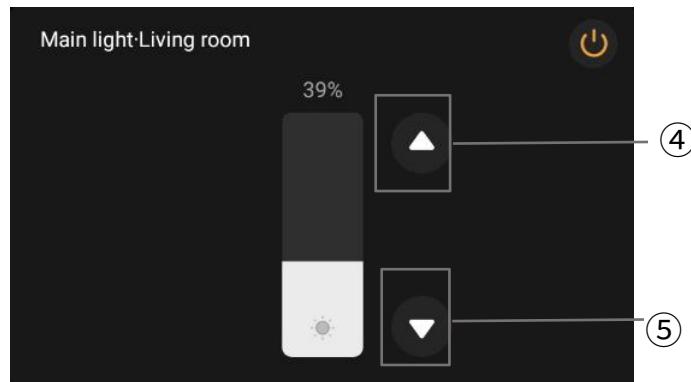


Fig.4.2.2(3) Relative + brightness dimming

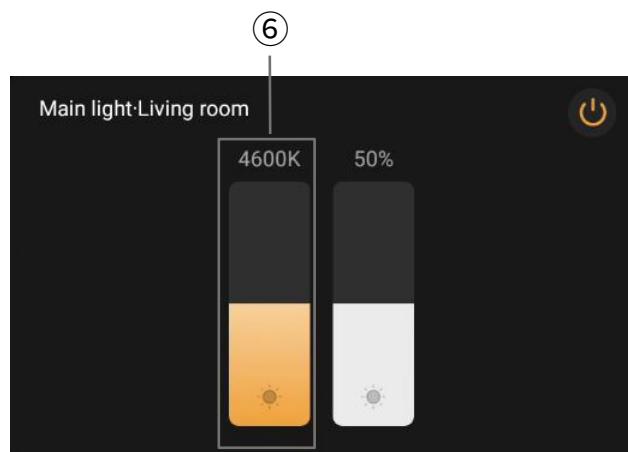


Fig.4.2.2(4) Brightness+color temperature dimming

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

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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.

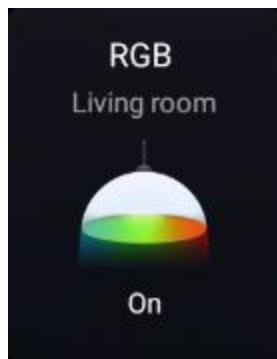
The card displays information such as device name, belonging area, device icon, switch status. Touch the card to perform the operation of on/off RGB lamp and the card style will display the corresponding on/off RGB lamp status. As shown in

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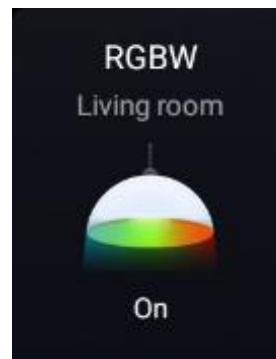
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Fig.4.2.3(1),Fig.4.2.3(2).

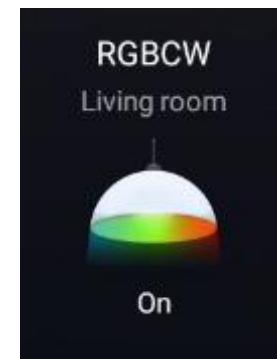
Long press the card or touch the device name area, pop up the detailed operation page, RGB dimming as shown in Fig.4.2.3(3), RGBW dimming as shown in Fig. 4.2.3(4), RGBCW dimming as shown in Fig.4.2.3(5).



RGB

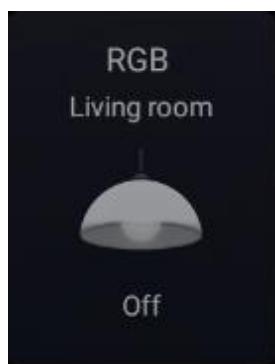


RGBW

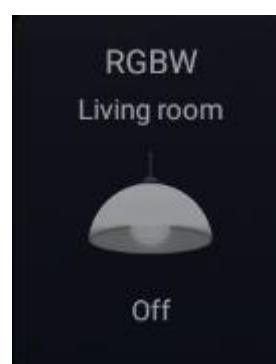


RGBCW

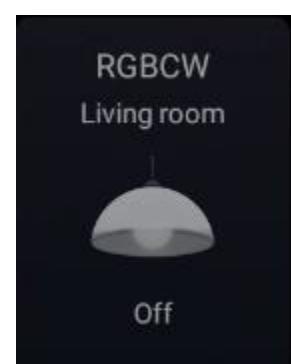
Fig.4.2.3(1) Turn on the RGB lamp



RGB



RGBW



RGBCW

Fig. 4.2.3(2) Turn off the RGB lamp

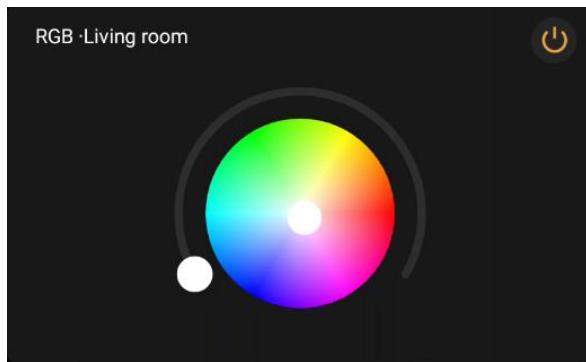


Fig.4.2.3(3) RGB dimming

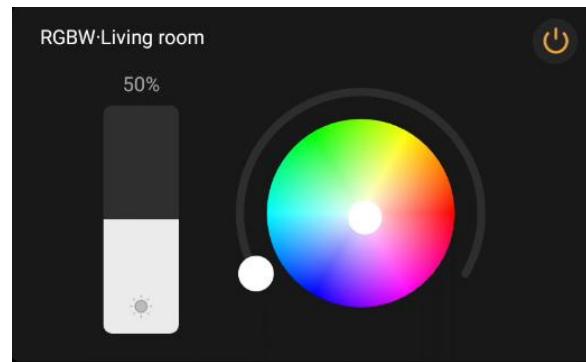


Fig.4.2.3(4) RGBW dimming

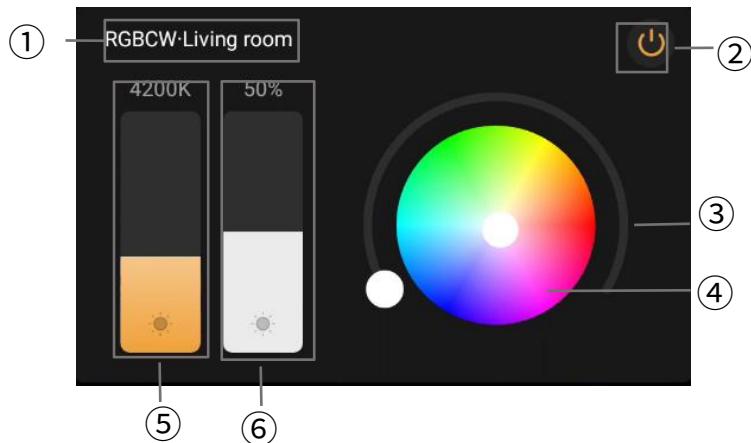


Fig.4.2.3(5) RGBCW dimming

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:

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(1)RGB: Colour brightness value (ring slider③) is updated to 0, and the colour palette ④ 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(slider ⑤ ) are updated to 0, and the colour palette ④ 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.

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

④This 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 ②become 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

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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).

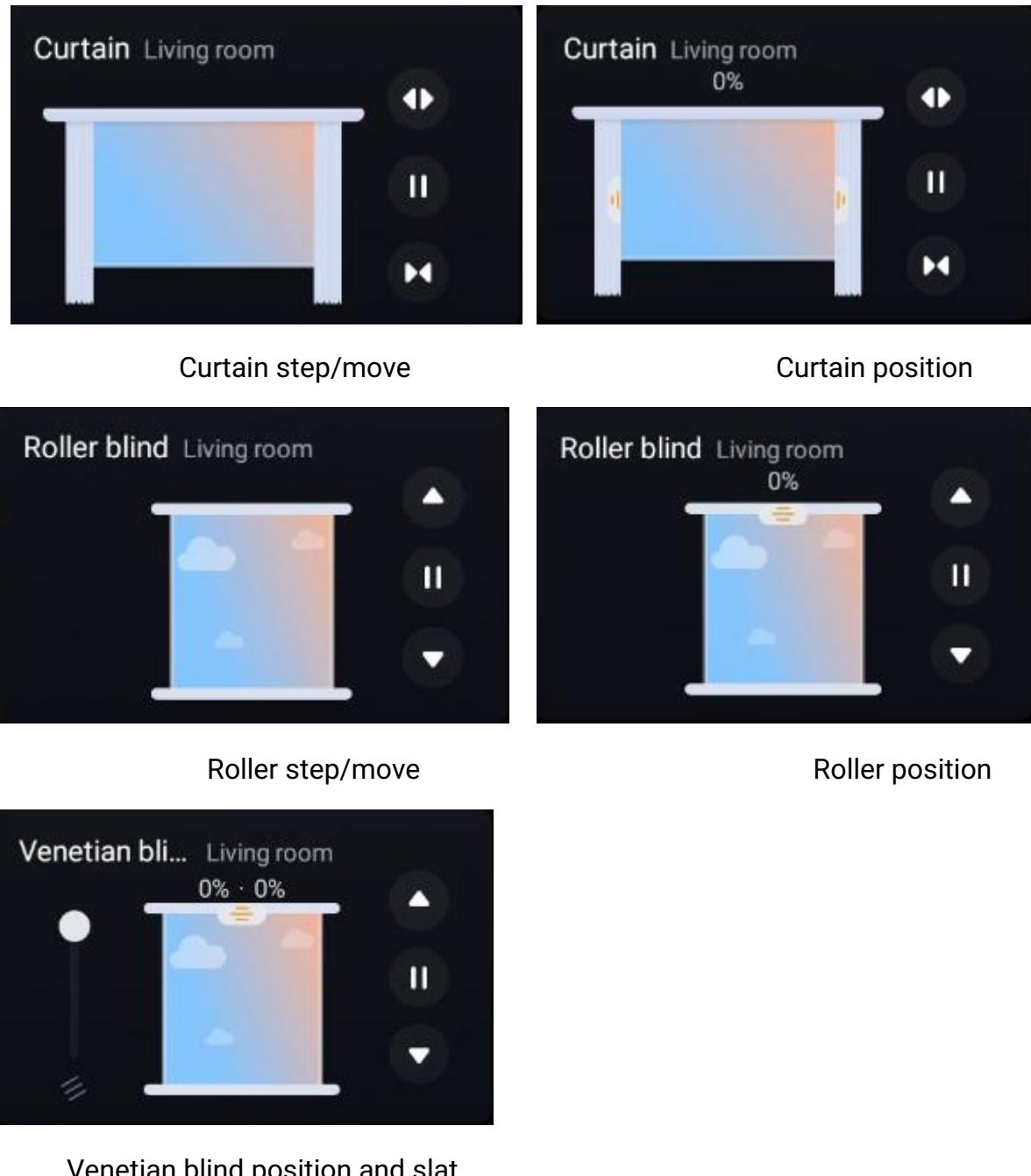


Fig.4.2.4(1)

**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.

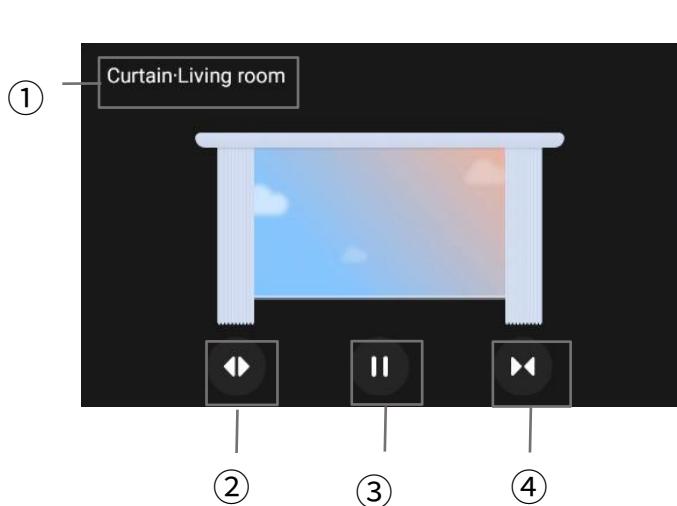


Fig.4.2.4(2) Curtain step/move

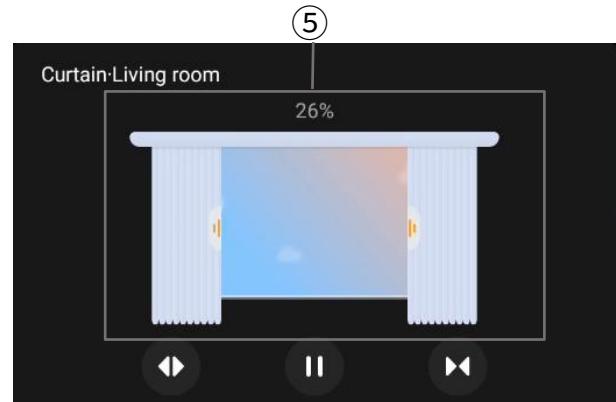


Fig.4.2.4(3) Curtain position

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.

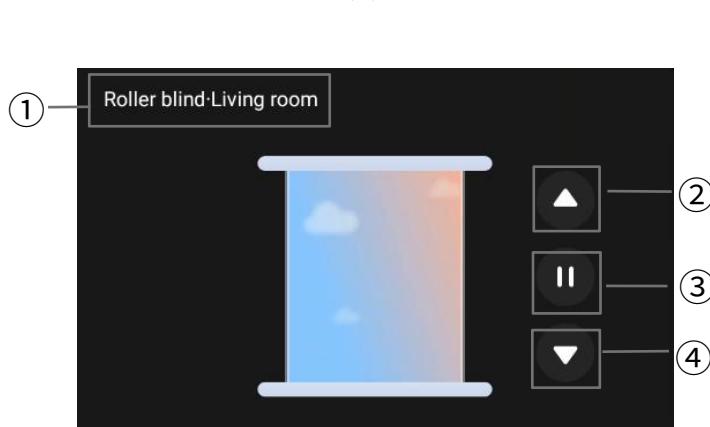


Fig.4.2.4(4) Roller blind step/move

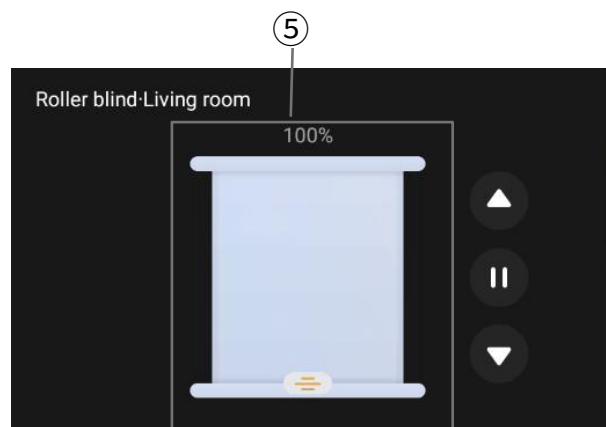


Fig.4.2.4(5) Roller Blind position

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.

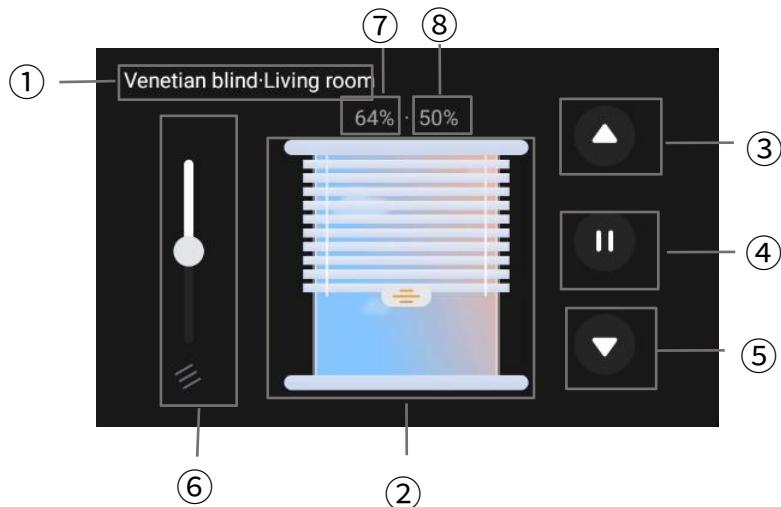


Fig.4.2.4(6) Venetian blinds position and slat

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.

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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).



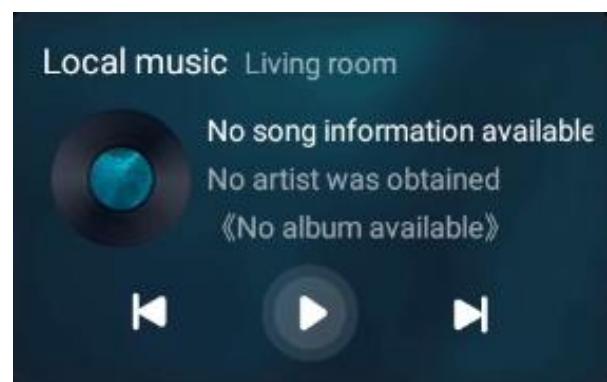
Audio control



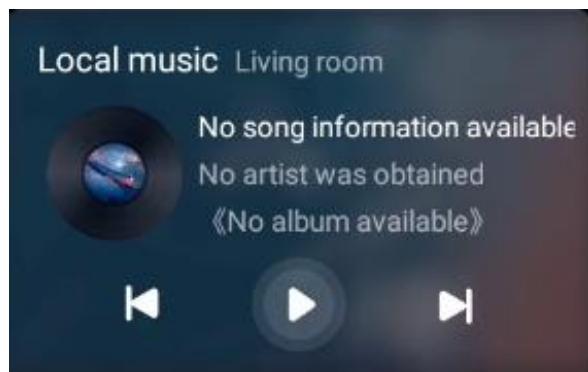
Audio control (with on/off)



Audio control (play mode)



Audio control (track information)



Audio control(track information & playlist)

Fig.4.2.5(1)

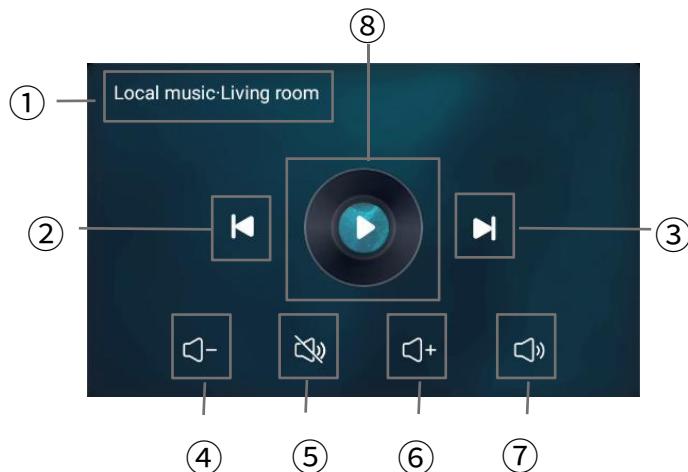


Fig.4.2.5(2) Audio control

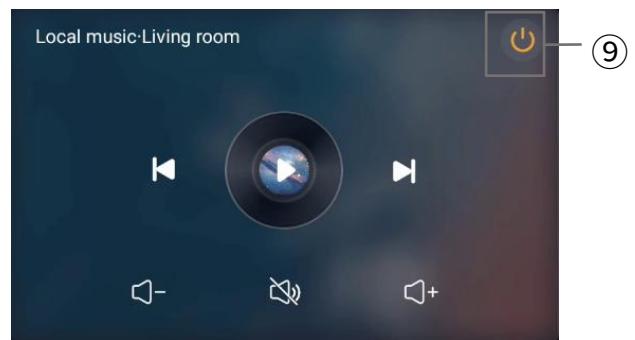


Fig.4.2.5(3) Audio control(with on/off)



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

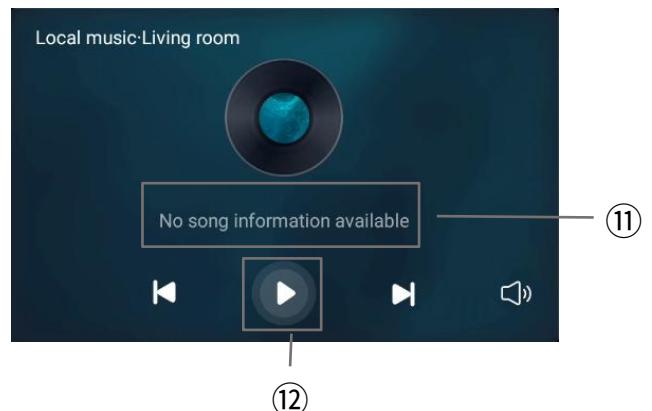


Fig.4.2.5(5) Audio control(track information)

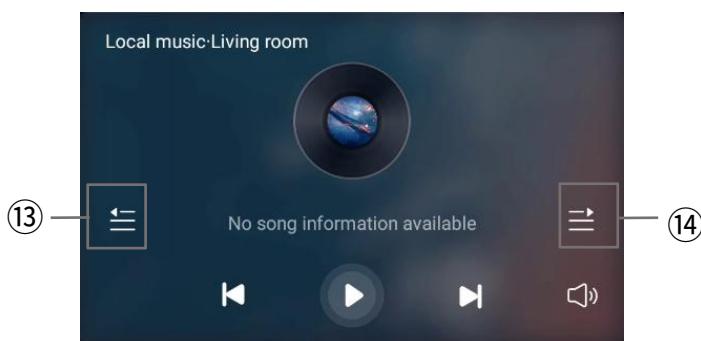


Fig.4.2.5(6) Audio control(track information & playlist)

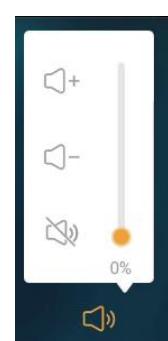


Fig.4.2.5(7)

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

② Select previous track by touching this icon.

③ Select next track by touching this icon.

④ This icon is for volume decreasing.

⑤ Mute 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.

⑥ This icon is for volume increasing.

⑦ Touch 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.

⑧ Display audio music play status.

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

⑨ This 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.

⑩ Switch 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".

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

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

⑫Play or pause song by touching this icon.

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

⑬Select previous playlist by touching this icon.

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

⑭Select 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/m<sup>3</sup>**

**PM10: 0~999 ug/m<sup>3</sup>**

**VOC: 0~999 ug/m<sup>3</sup>**

**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.

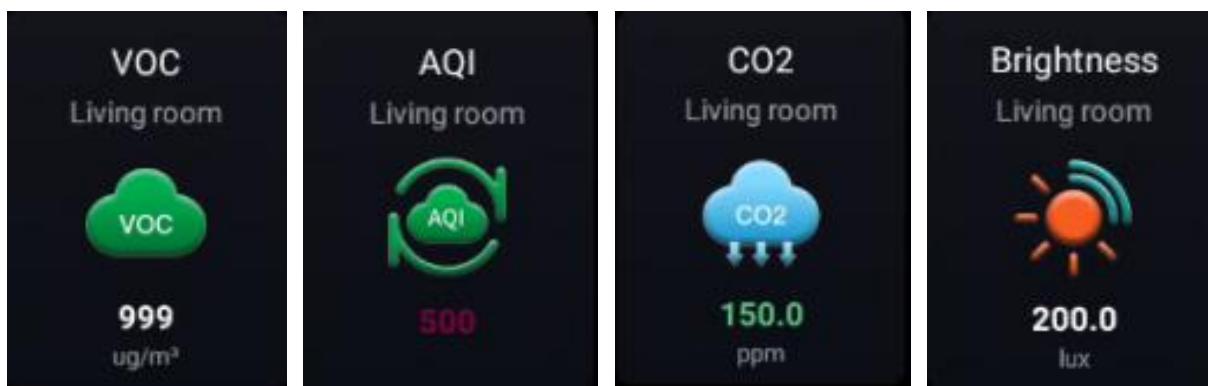


Temperature

Humidity

PM2.5

PM10

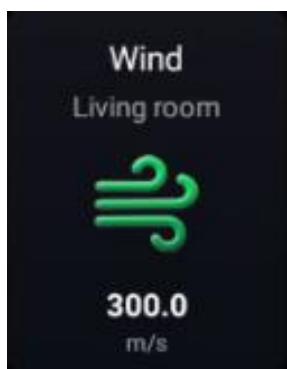


VOC

AQI

CO2

Brightness



Wind

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



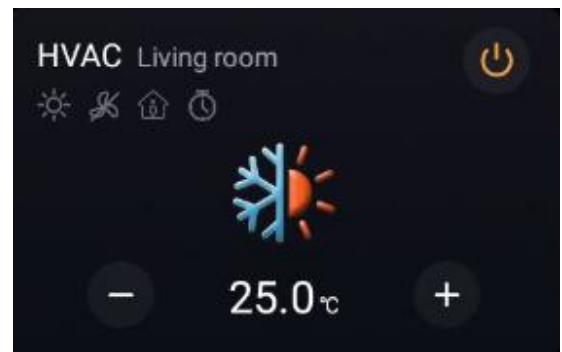
With operation mode



With on/off &amp; operation mode



With operation mode &amp; fan speed



With on/off &amp; operation mode &amp; fan speed

Fig.4.2.7(1)



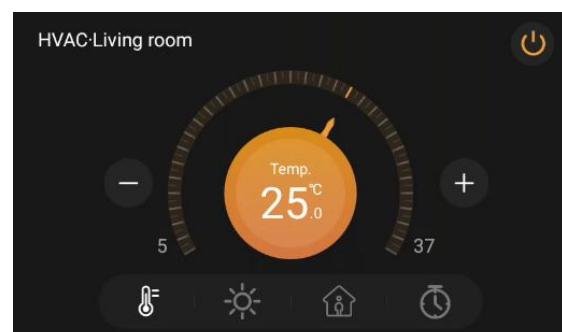
Room temperature unit



With on/off



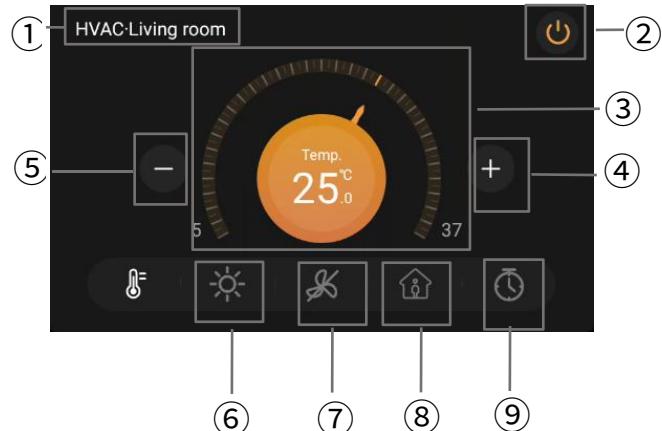
With operation mode



With on/off &amp; operation mode



With operation mode &amp; fan speed



With on/off &amp; operation mode &amp; fan speed

Fig.4.2.7(2) Room temperature unit control function

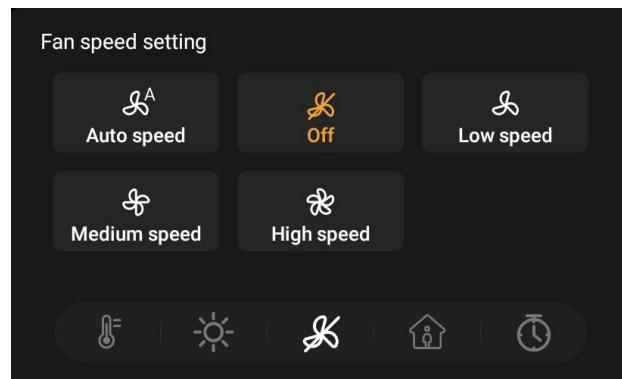


Fig4.2.7(3) Wind speed setting

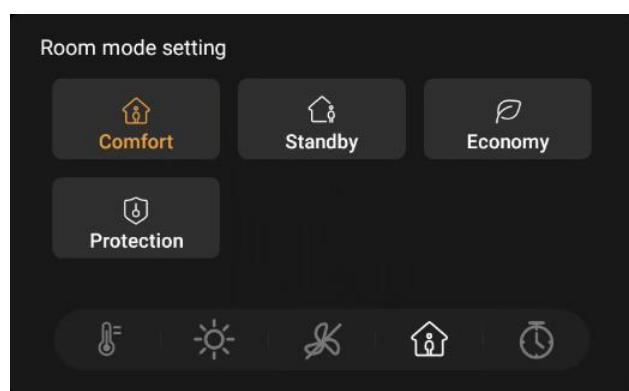


Fig.4.2.7(4) Room mode setting

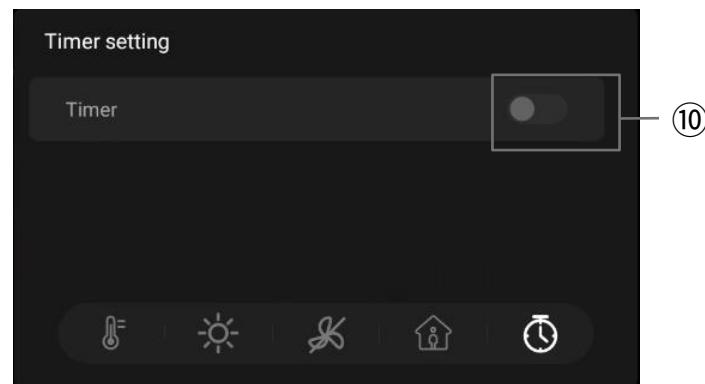


Fig.4.2.7(5)

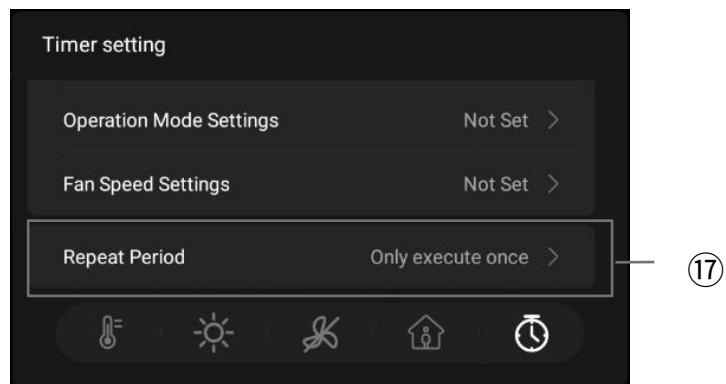
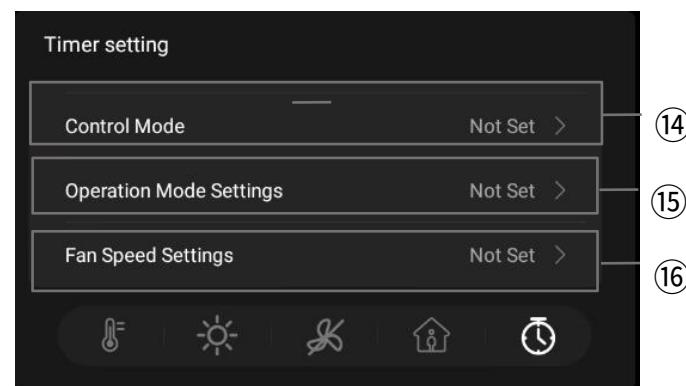
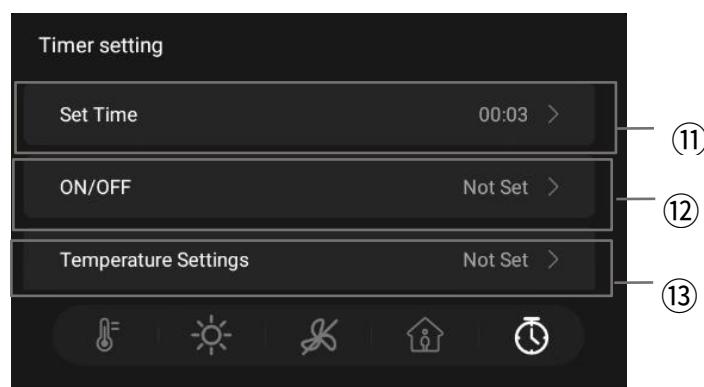


Fig.4.2.7(6) Schedule setting

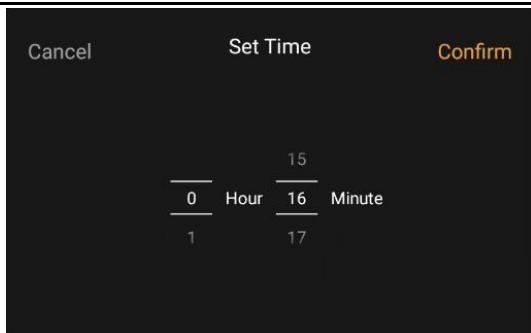


Fig.4.2.7(7)



Fig.4.2.7(8)

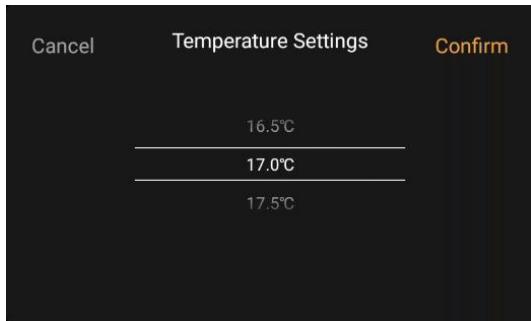


Fig.4.2.7(9)

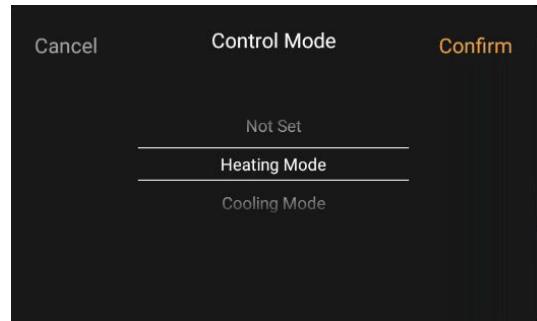


Fig.4.2.7(10)

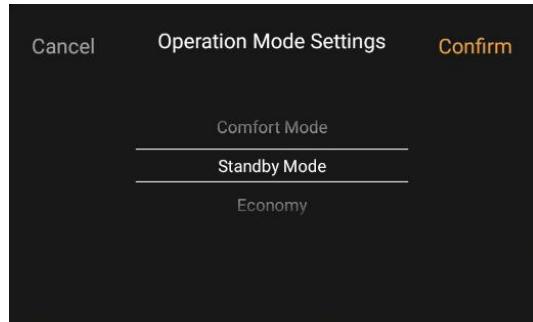


Fig.4.2.7(11)

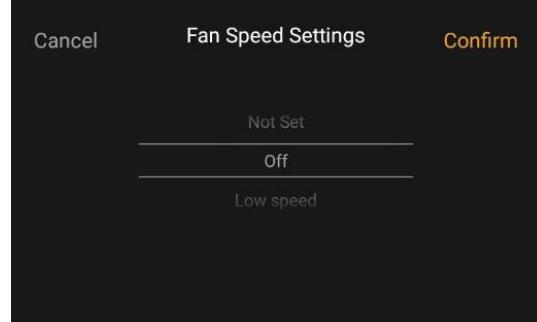


Fig.4.2.7(12)

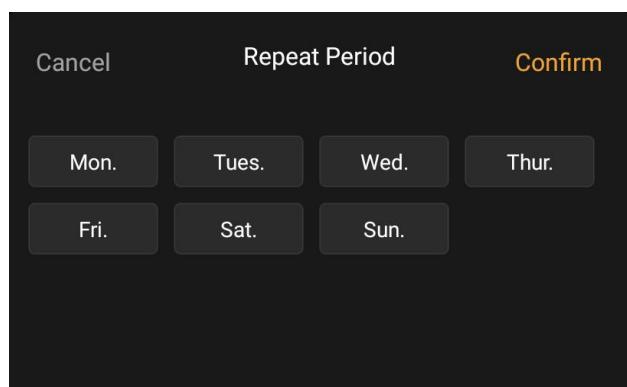


Fig.4.2.7(13)

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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

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decrease/increase, no action after 3 seconds, return to ambient temperature.

⑥This 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”.

⑧Enter 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.

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

**Note:** ①When 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.

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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.

⑯ Touch 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.

⑯ Touch 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

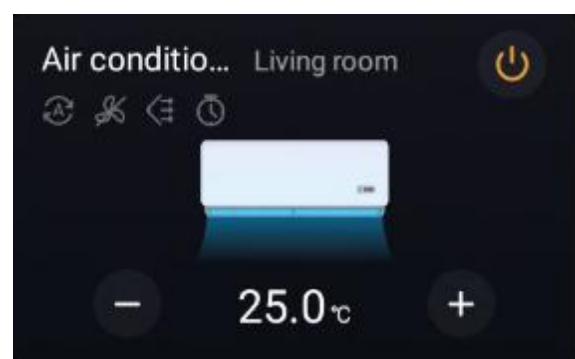
Air conditioner control function with 2 control types, including air conditioner and air conditioner (with swing), configured by parameters. You can set the on/off, temperature, working mode, fan speed, wind direction and timer of the Air conditioner.

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

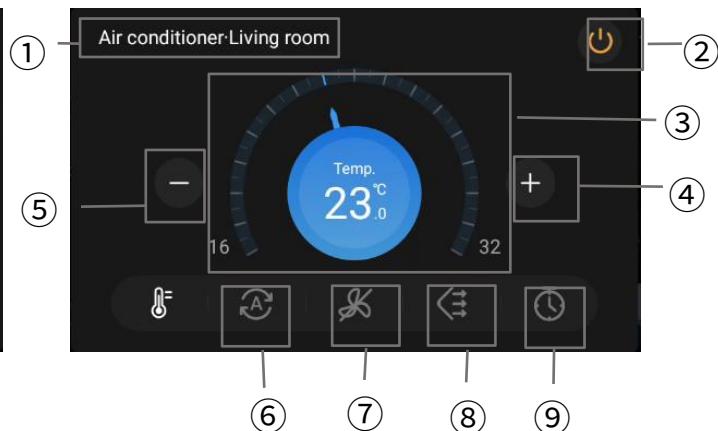


Air conditioner (with swing)

Fig.4.2.8(1)



Air conditioner



Air conditioner(with swing)

Fig.4.2.8(2) Air conditioner function

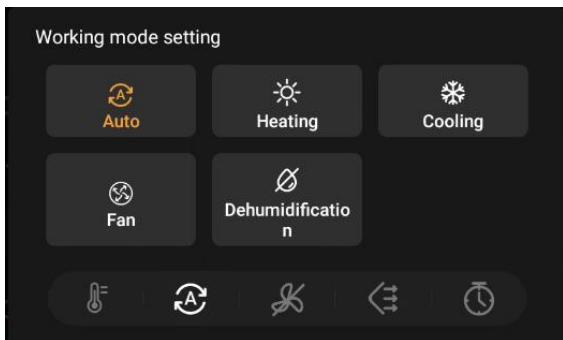


Fig.4.2.8(3)

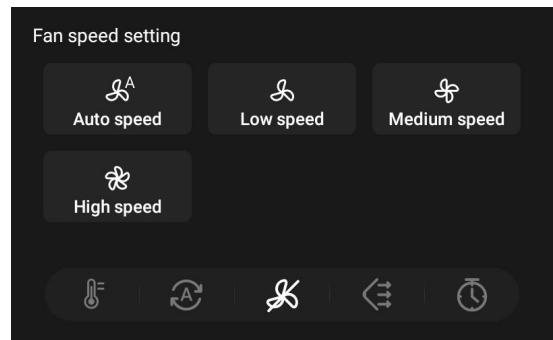


Fig.4.2.8(4)

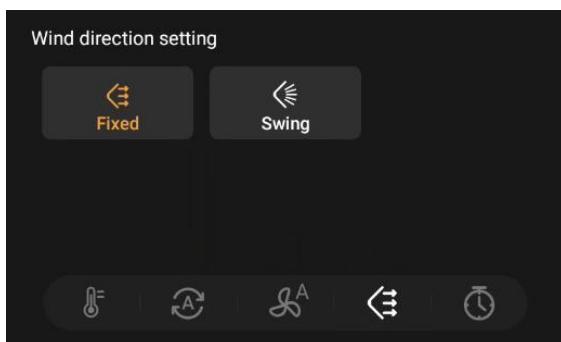


Fig.4.2.8(5)

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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.

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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).

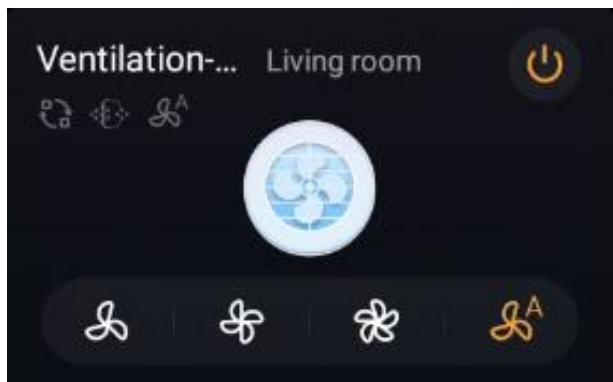


Fig.4.2.9(1)



Fig.4.2.9(2)

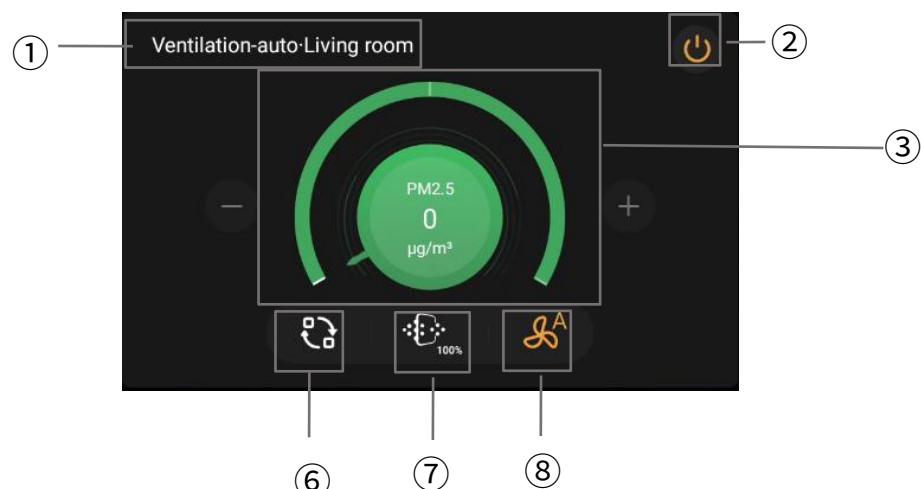


Fig.4.2.9(3) Ventilation system (with auto fan speed)

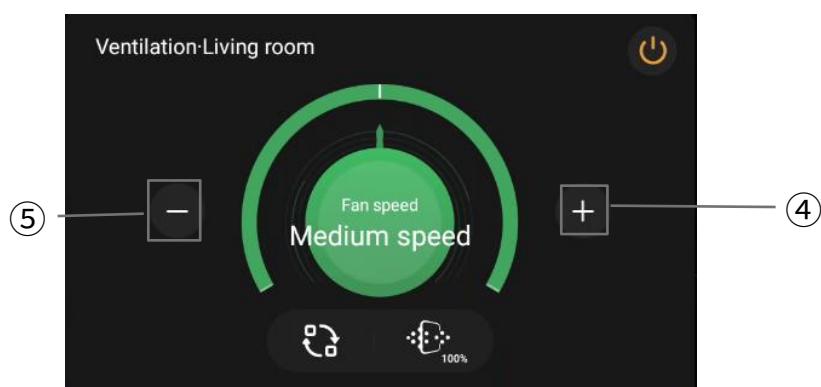


Fig.4.2.9(4) Ventilation system

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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/PM2.5/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/m<sup>3</sup>; if the data exceed 999ug/m<sup>3</sup>, then the page will display 999ug/m<sup>3</sup>.

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

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

⑤ The 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%.

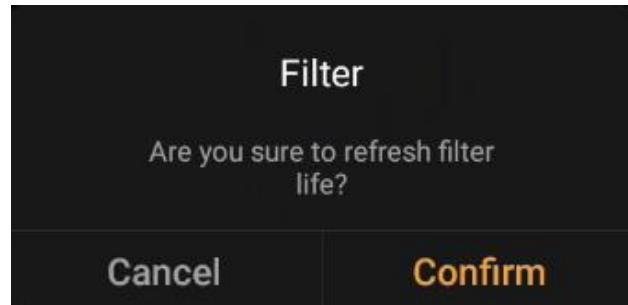


Fig.4.2.9(5)

⑧ Active/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

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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.

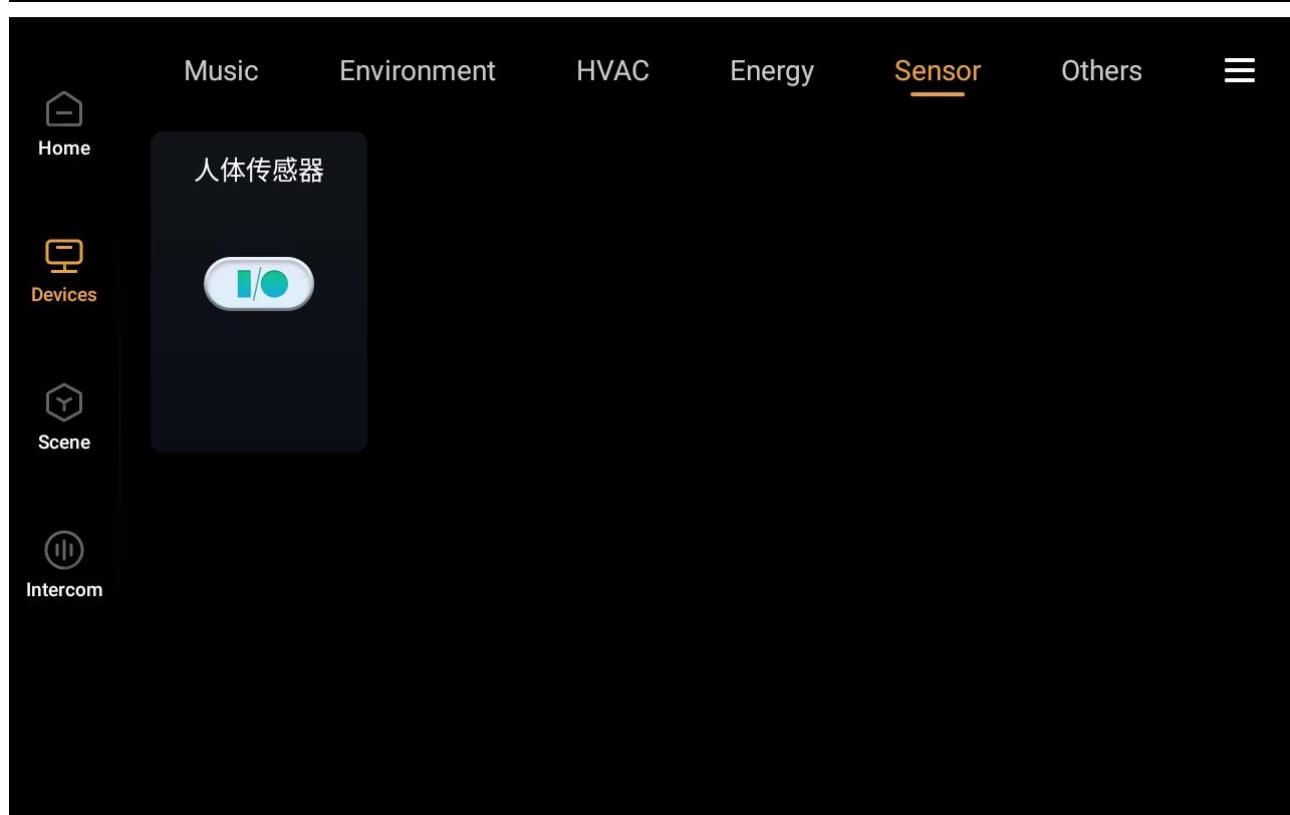


Fig.4.2.11 Sensor

#### 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 page UI Description

### 5.1 Scene page

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 ETS, including the scene name, image preview, and up to 30 scenes can be added.

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.

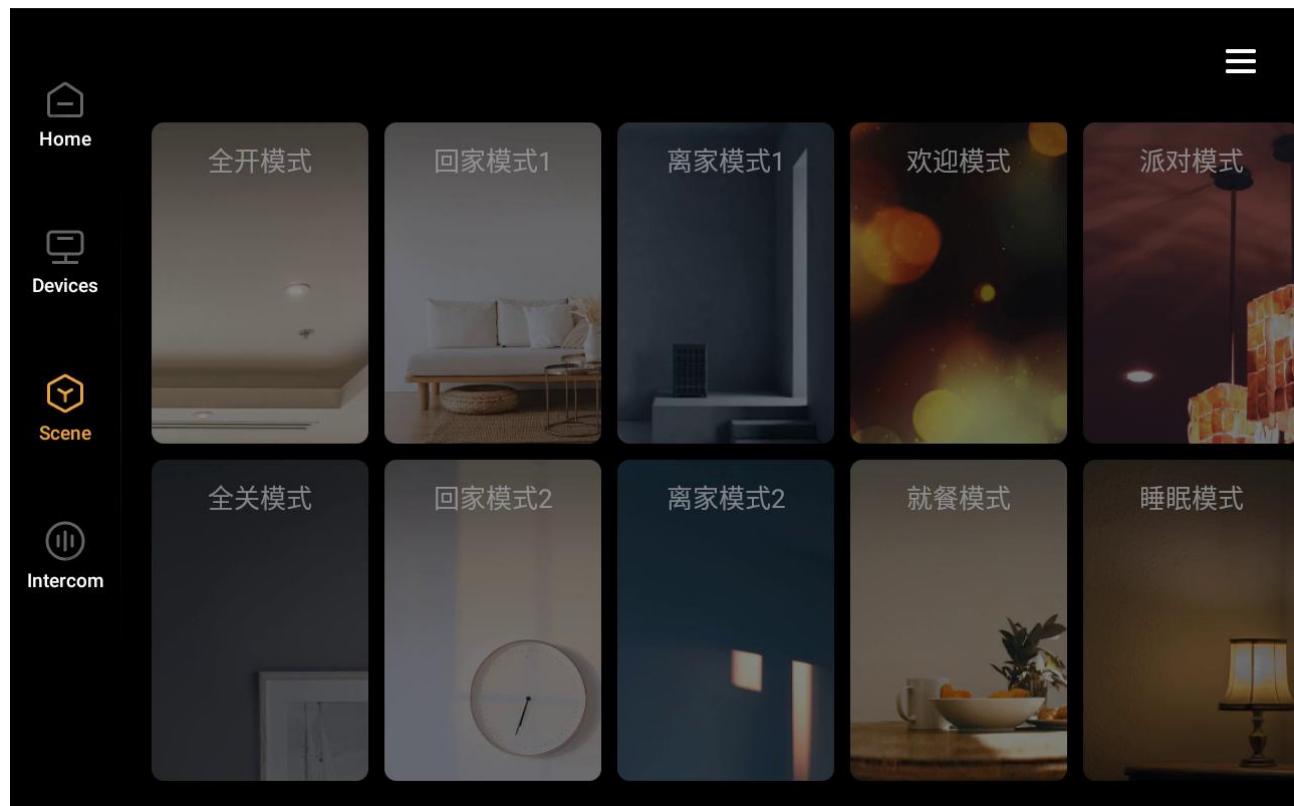


Fig.5.1 Scene page

## Chapter 6 Intercom page UI Description

### 6.1 Intercom page

Intercom page is shown in Fig.6.1. This page displays intercom functions, such as resident list, top contact, monitor device management, dialing keypad, intercom unlock, voice message, SOS, monitor, monitoring record, alarm record, call record, do not disturb, arm/disarm, call forwarding function.

Touch the card to enter the corresponding function control page, intercom card detail operation in chapter 6.2.

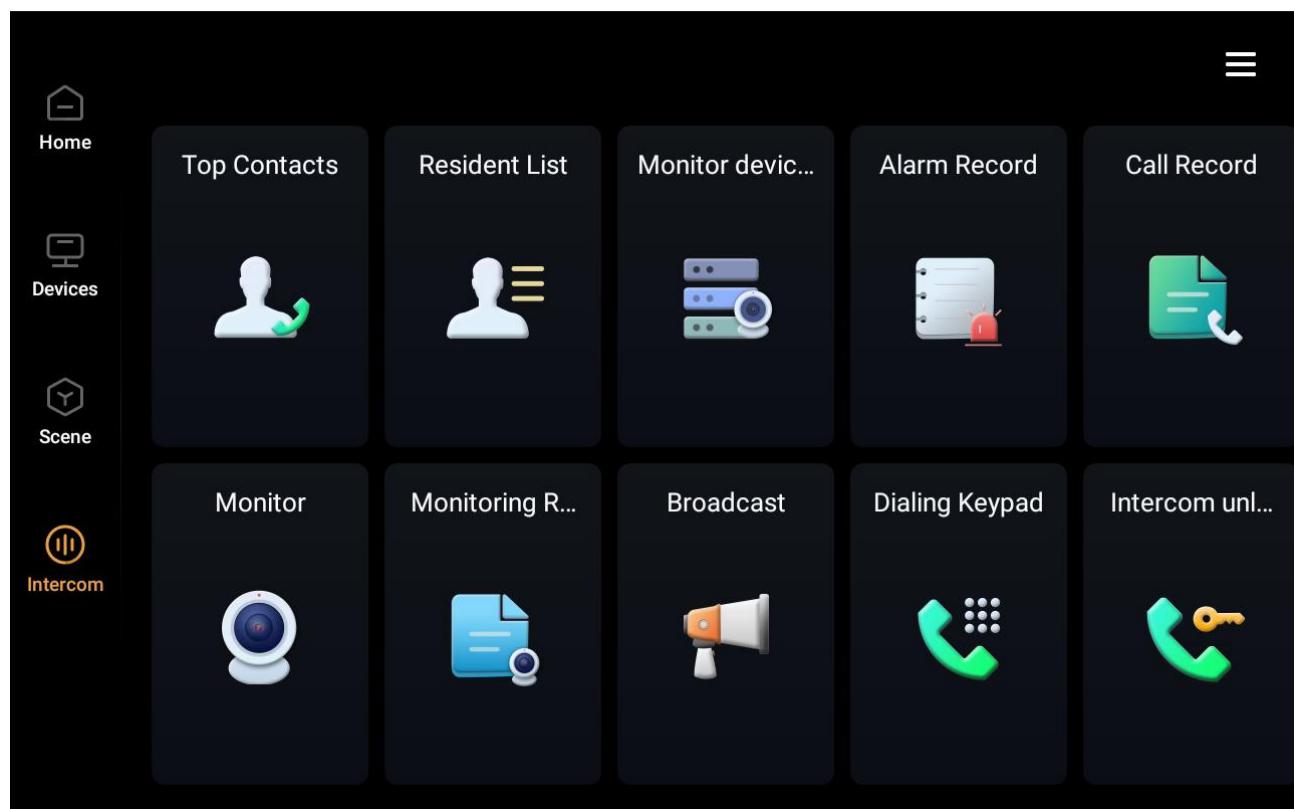


Fig.6.1 Intercom page

## 6.2 Intercom card

### 6.2.1 Resident list

The resident list card, as shown in Fig.6.2.1(1), with six modules of intercom functions, top contacts, resident list, dialing keypad, voice message, call record, intercom unlock. Among them, the resident list module displays a list of all contacts and allows you to group contacts.

Touch the card, pop up the detailed operation page, as shown in Fig.6.2.1(2).

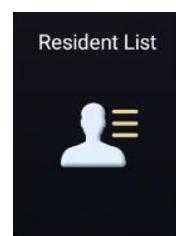


Fig.5.1(1) Resident list card

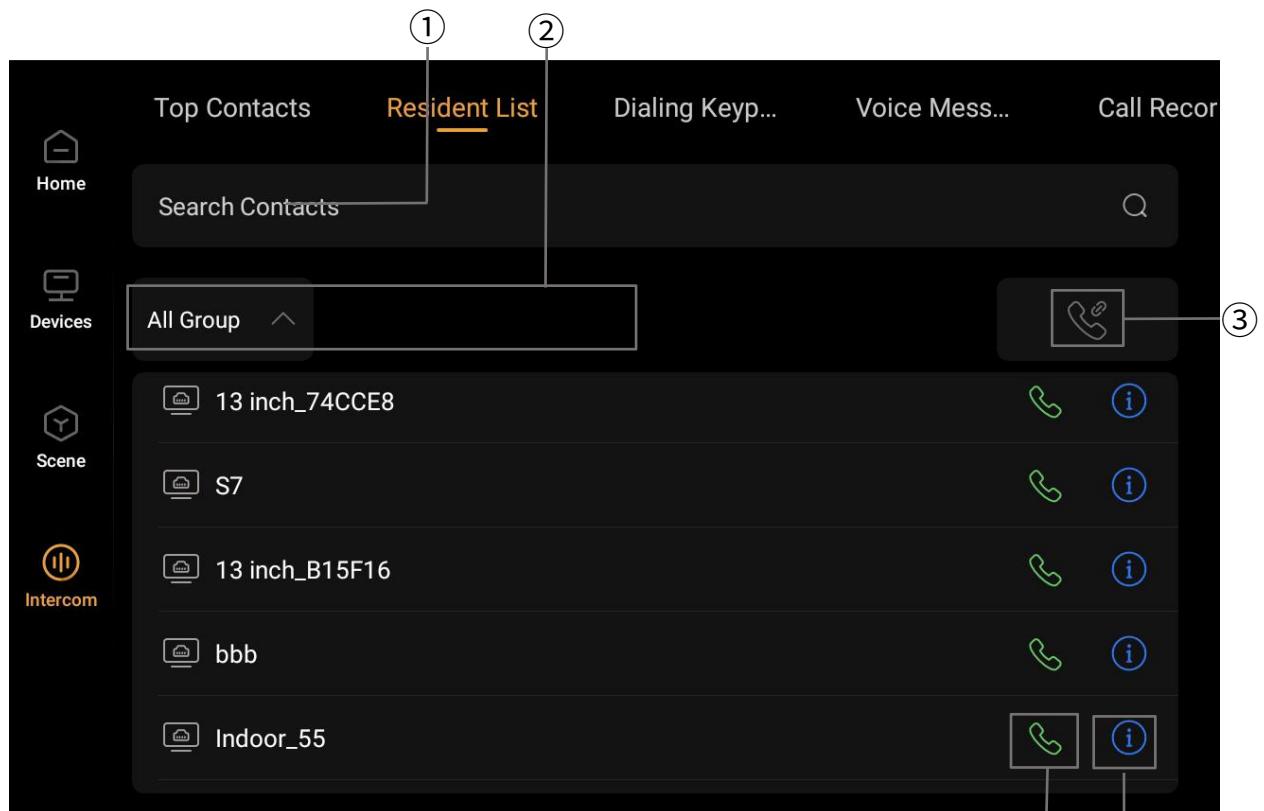


Fig.5.1(2) Resident list

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① Touch to enter the search contacts, the bottom contact list will display the search results synchronously.

② Displays resident list group information and filter the devices under each group.

Group call: touch to call all devices under the filtered group.

Contacts list: display the list of filtered contacts, sub-groups or contacts under the corresponding groups.

③ Displays the devices that are currently online.

④ Touch call this contact and enter the call out page.

⑤ Touch to enter the contact info page. You can view user information, such as the SIP account, remarks name, and add to top contact, block caller.

### 6.2.2 Top contacts

The top contacts card, as shown in Fig.6.2.2(1), with six modules of intercom functions, top contacts, resident list, dialing keypad, voice message, call record, intercom unlock. Among them, the top contacts module allows to manually add a list of top contacts.

Touch the card, pop up the detailed operation page, as shown in Fig.6.2.2(2).

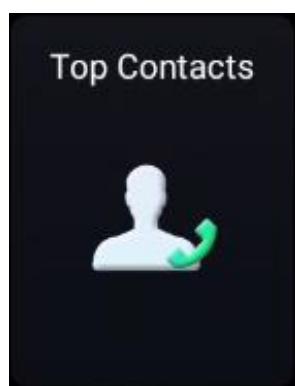


Fig.6.2.2(1) Top contacts card

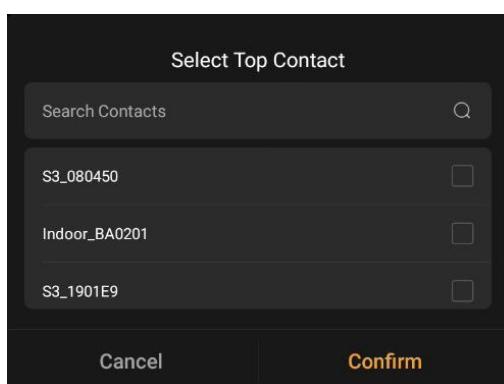
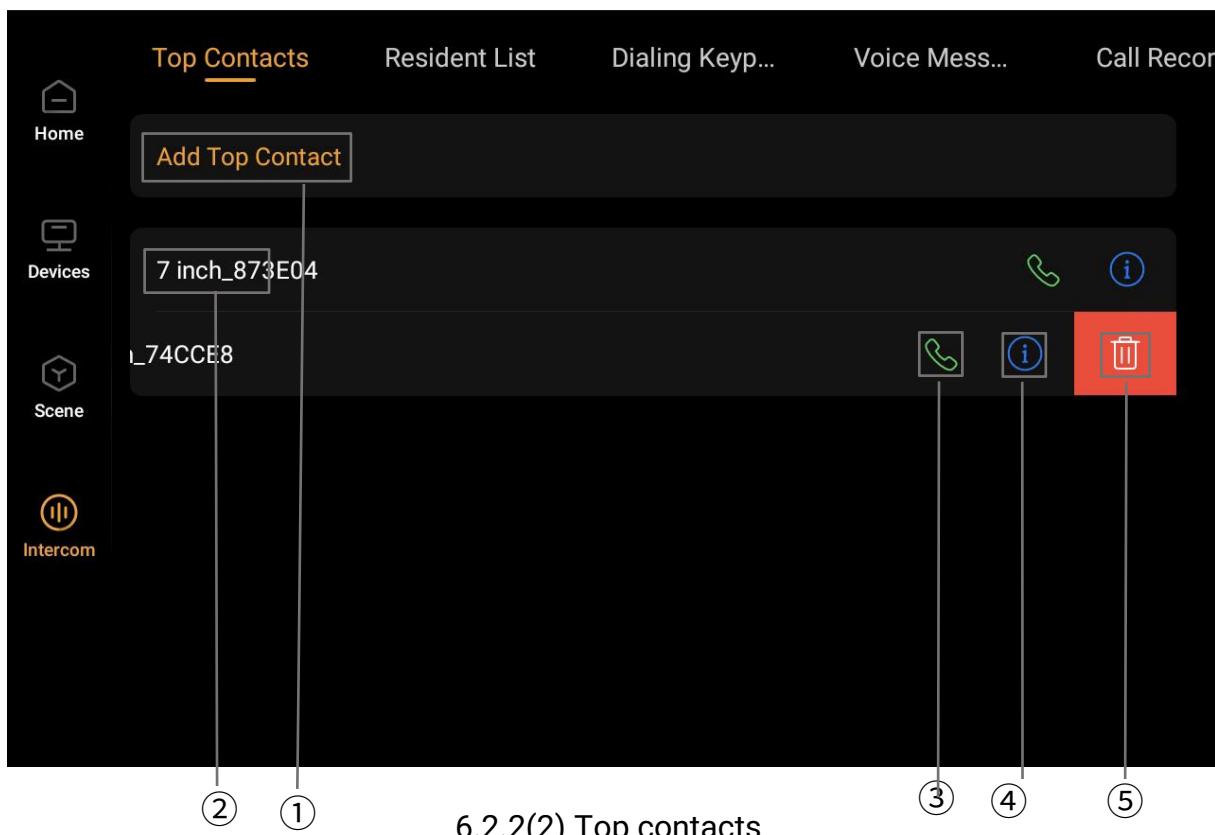


Fig.6.2.2(3)

① Touch to pop up sub-window as shown in Fig.6.2.2(3). Search contacts and confirm to add top contacts.

② Displays the contact name.

③ Touch call this contact and enter the call out page.

④ 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.

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⑤ Swipe left on the contact entry and the icon  appears, touch to delete the contact.

### 6.2.3 Dialing keypad

Dialing keypad card, as shown in Fig.6.2.3, with six modules of intercom functions, top contacts, resident list, dialing keypad, voice message, call record, intercom unlock. Among them, the dialing keypad module calls the contact by dialing (SIP account or user@IP).

Touch the card, pop up the detailed operation page. Dialing calls are introduced in two parts, outgoing and incoming, detail operation in chapter 6.2.3.1 and chapter 6.2.3.2.

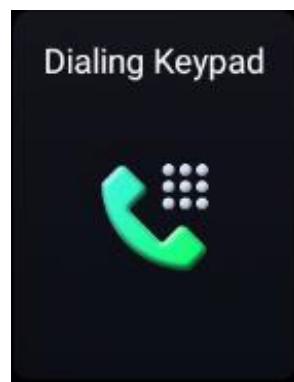


Fig.6.2.3 Dialing keypad card

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#### 6.2.3.1 Dialing keypad page

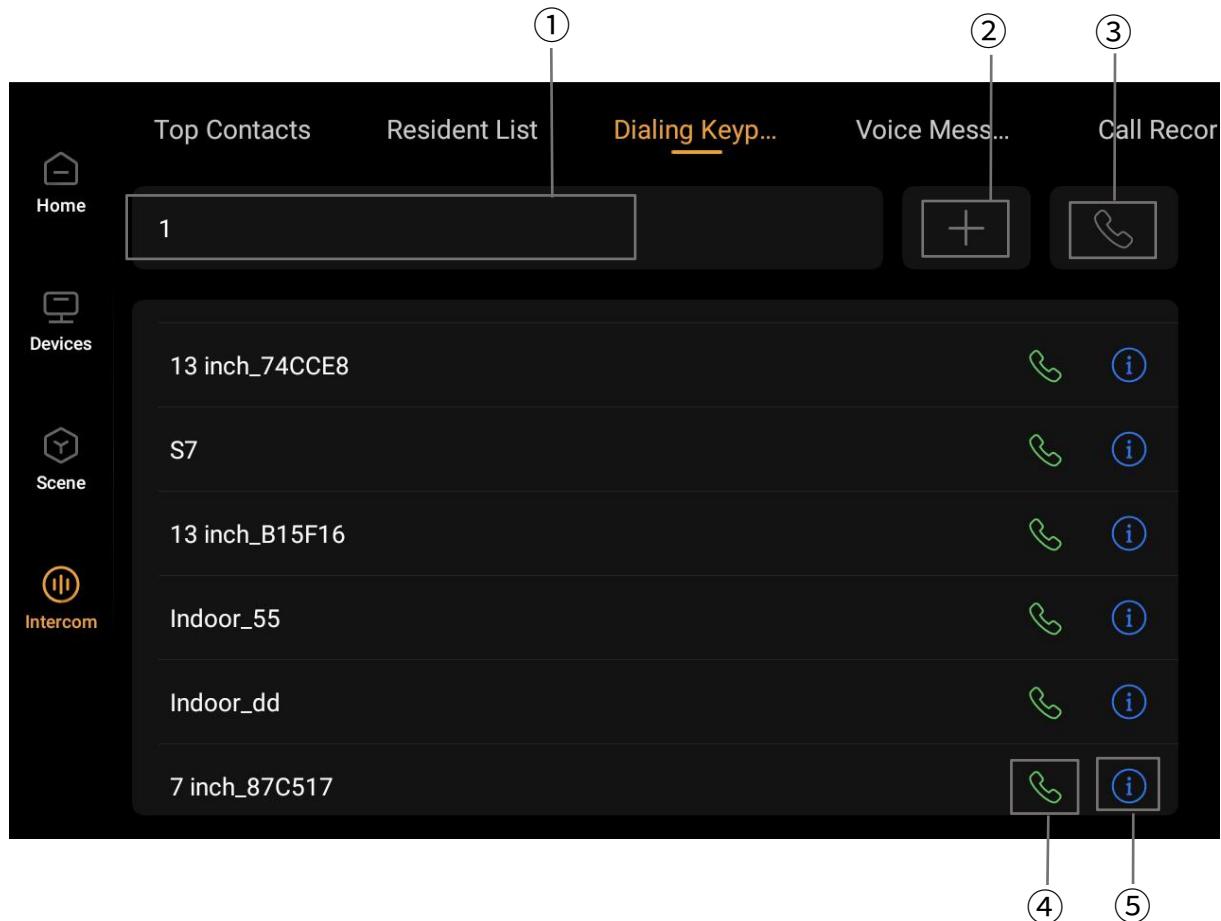


Fig.6.2.3.1(1) Dialing keypad

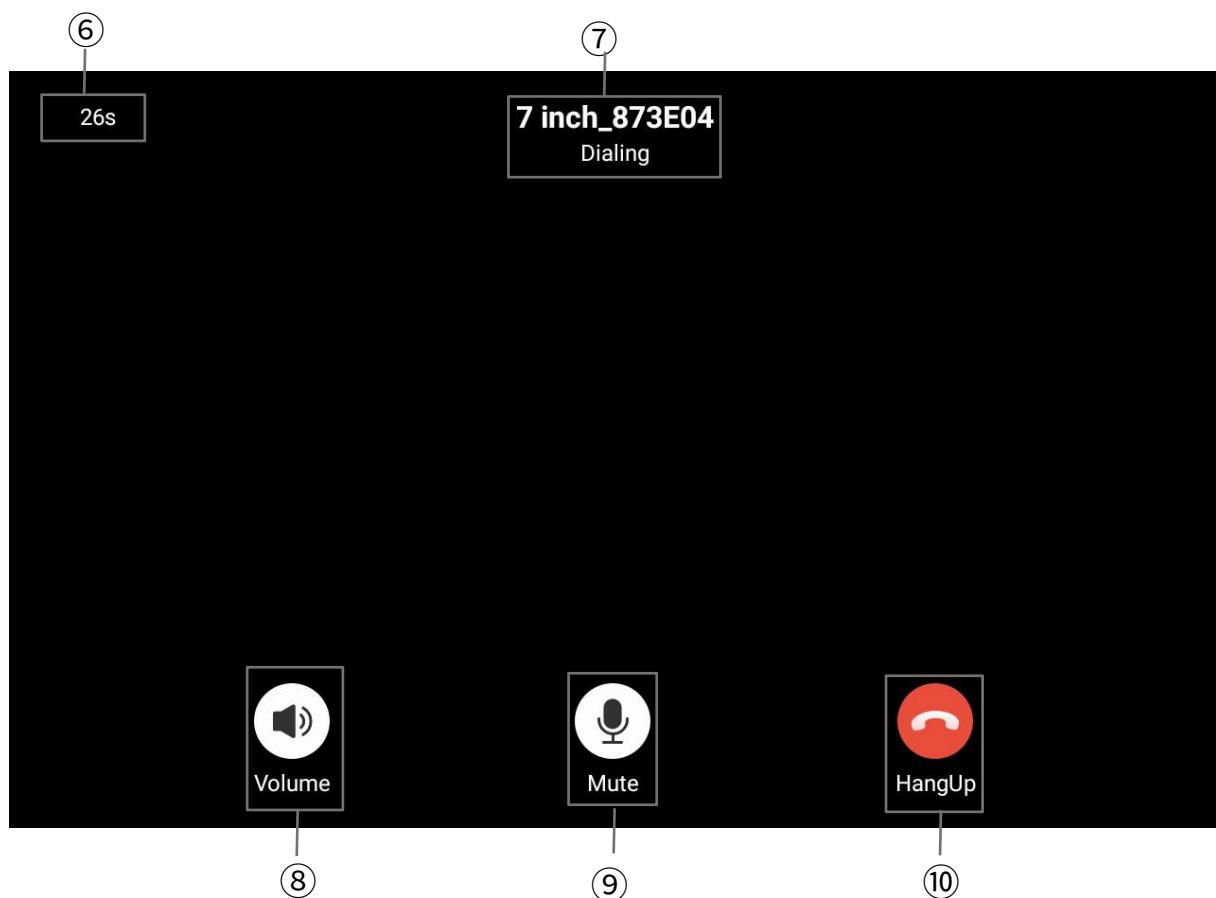
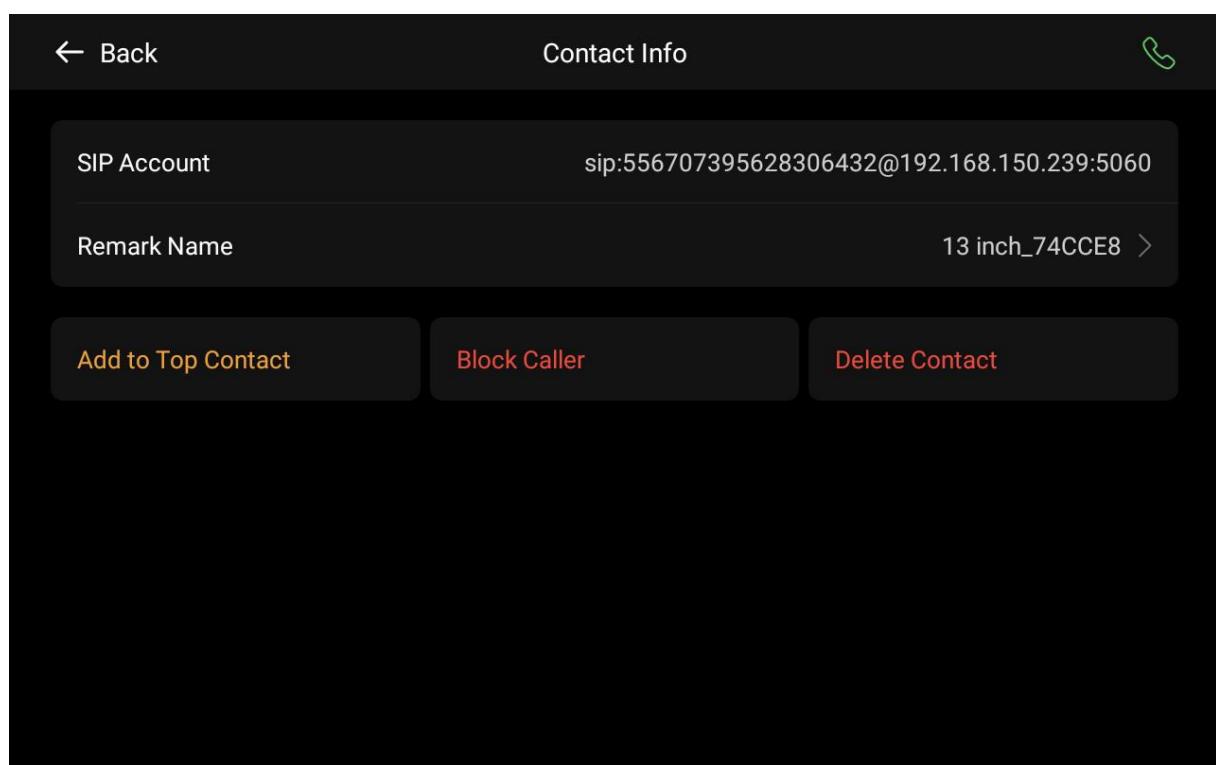


Fig.6.2.3.1(2) Call out page



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Fig.6.2.3.1(3) Contact info

① Touch to enter username or SIP account, the bottom will automatically filter the contact list in the resident list. If the entered account is not in the resident list, then determine whether the SIP account is complete, if complete, can perform add contact or call out operation.

② Add contacts, it is displayed in the contacts list when added successfully.

③ Call-out operation.

④ Touch call this contact and enter the call out page, as shown in Fig.6.2.3.1(2).

⑤ Touch to enter the contact info page. You can view user information, such as the SIP account, remarks name, and add to top contact, block caller, delete contact, as shown in Fig.6.2.3.1(3).

⑥ Displays the time remaining for the call to hang up. Default call length, not to exceed 2 minutes.

⑦ Displays the name of the calling party.

⑧ Touch the icon and sliding the slider to adjust the system volume.

⑨ Touch to turn the microphone on/off.

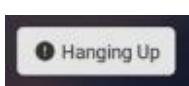


Icon indicate microphone is turn on.



Icon indicate microphone is turn off and the other party will not hear the sound of this device.

⑩ Touch hang up. Defaults back to the previous page after hanging up.



Icon indicate hang up.

**6.2.3.2 Incoming caller page**

Fig.6.2.3.2 Incoming caller

① Displays the incoming time. The default incoming time does not exceed 2 minutes.

② Displays the name of the incoming caller.

③ Touch the icon and sliding the slider to adjust the system volume.

④ Touch to turn the microphone on/off.



Icon indicate microphone is turn on.

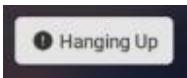


Icon indicate microphone is turn off and the other party will not hear the sound of this device.

⑤ Touch to open the access control to the incoming caller location.

⑥Touch to answer the call.

⑦Touch hang up.Defaults back to the previous page after hanging up.

Icon  indicate hang up.

⑧Touch to Screenshot.

#### 6.2.4 Voice message

Voice message card,as shown in Fig.6.2.4,with six modules of intercom functions,top contacts,resident list,dialing keypad,voice message,call record,intercom unlock.Among them,the voice message module displays the message of the other party in the call or the local language message.

Touch the card,pop up the detailed operation page.Voice message are introduced in two parts, greeting and add local voice message, detail operation in chapter 6.2.4.1 and chapter 6.2.4.2.

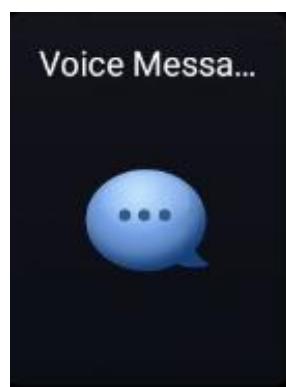


Fig.6.2.4 Voice message card

#### 6.2.4.1 Add local voice message

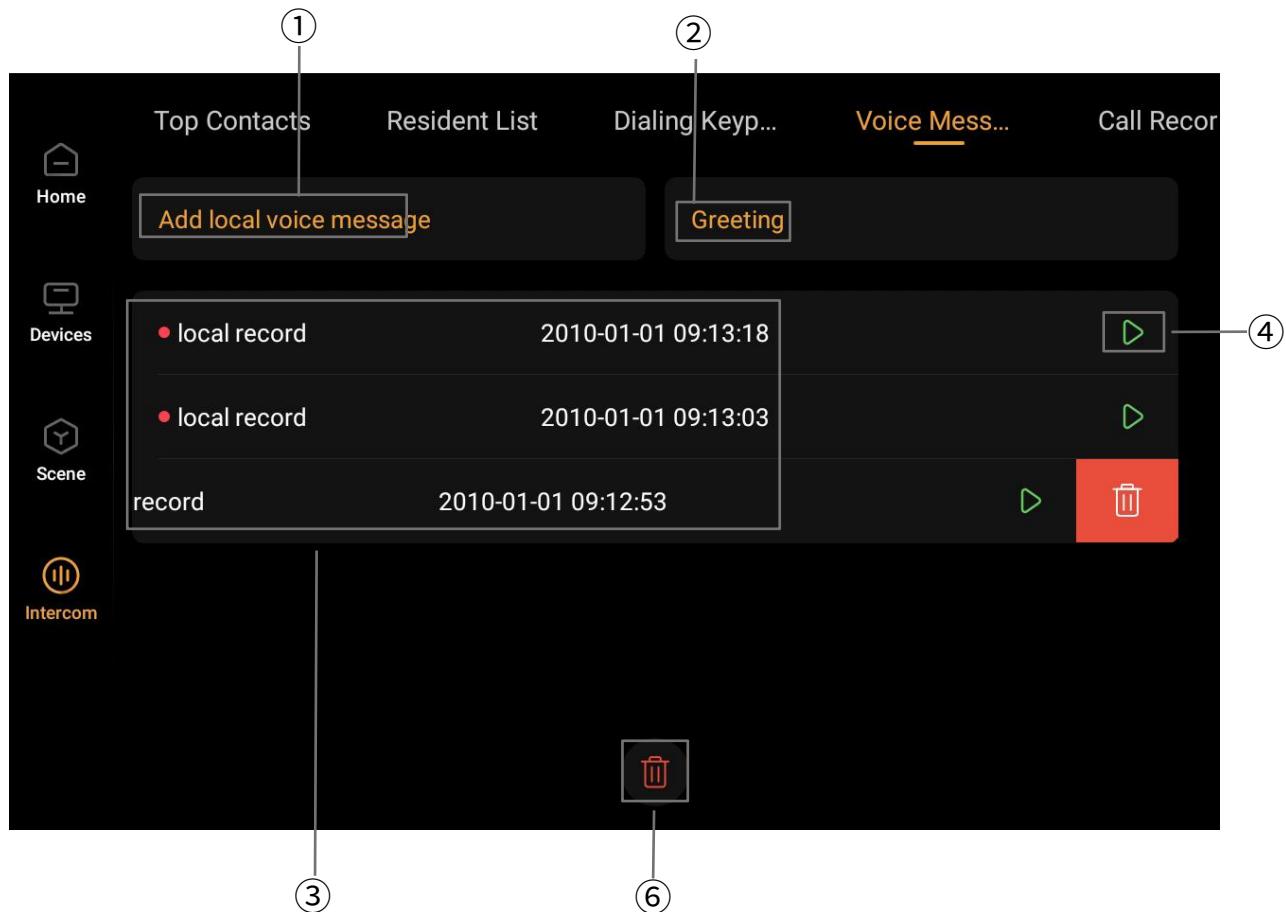


Fig.6.2.4.1(1)

① Touch add local voice message and pop up sub-window, as shown in Fig.6.2.4.1(2).

Touch the icon to start recording, count down to the end of 60s or touch the icon to stop recording.

**Note: Recording time at least 5s.**

② Touch to enter the greeting setting page.

③ Displays the time and play status of the local voice message. A red dot marks that local voice message is not playing.

④ Touch play local voice message.

⑤Swipe left on the local voice message entry and the icon  appears, touch on this icon to delete this local voice message.

⑥Touch to delete all records and confirm twice to execute the deletion operation.

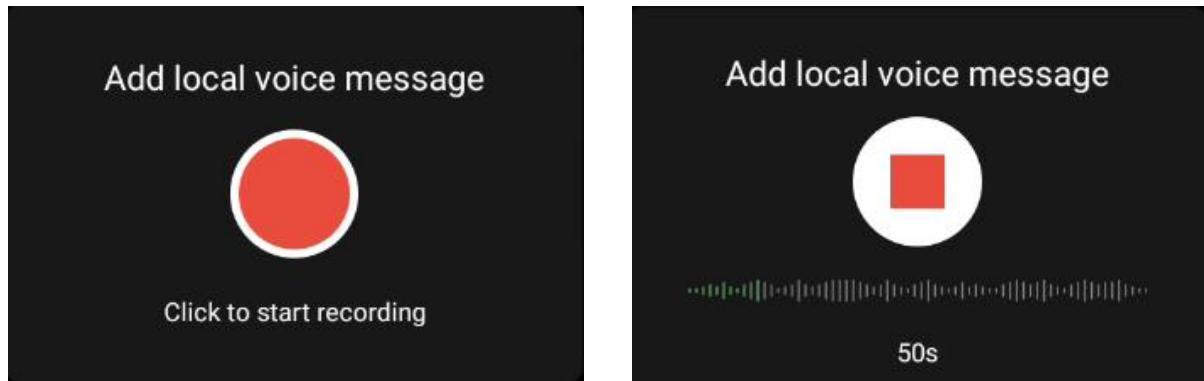


Fig.6.2.4.2(2) Add local voice message

#### 6.2.4.2 Greeting

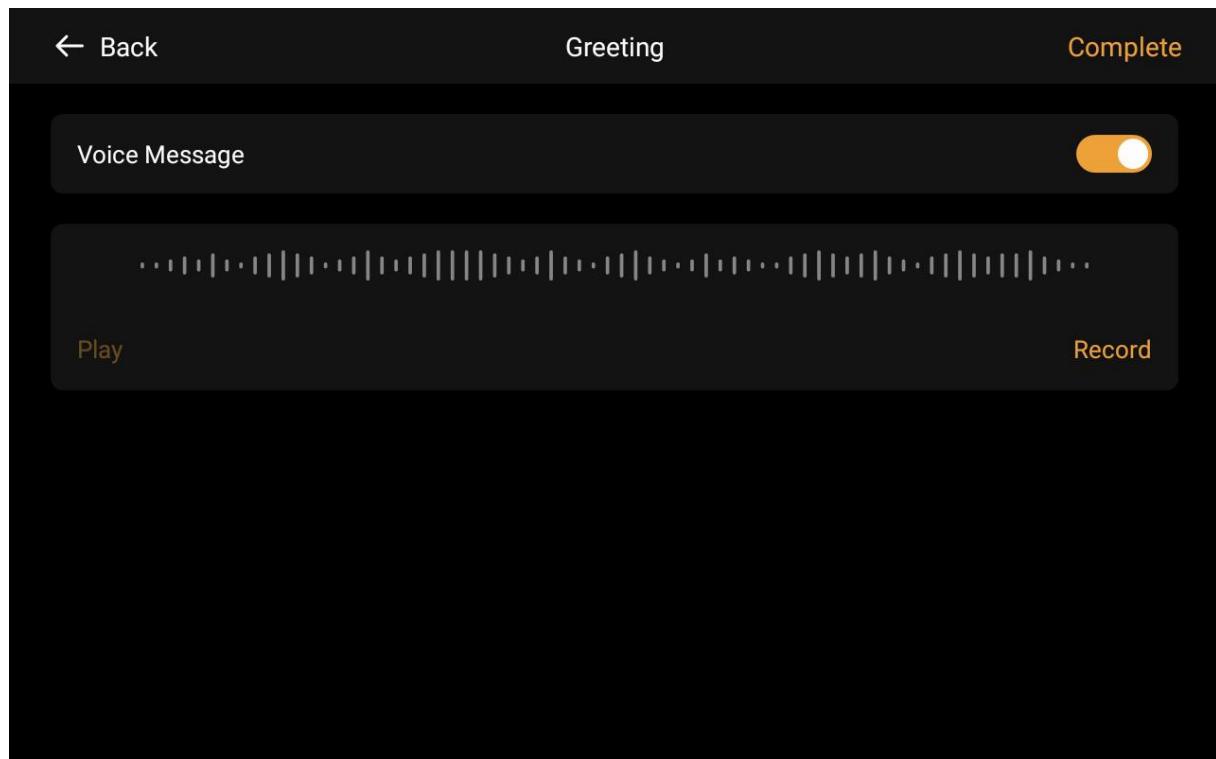
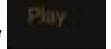


Fig.6.2.4.2

Icon  indicate voice message is turn on, as shown in Fig.6.2.4.2.

Touch icon “  Record ” to record voice message,touch icon “  Play ” to play voice message,touch icon  Complete to confirm add the record voice message as incoming call reminder.

Icon  indicate voice message is turn off.

**Note: Recording time at least 5s.**

### 6.2.5 Call record

Call record card,as shown in Fig.6.2.5(1),with six modules of intercom functions,top contacts,resident list,dialing keypad,voice message,call record,intercom unlock.Among them,the call record module displays all call record,including incoming and outgoing.

Touch the card,pop up the detailed operation page,as shown in Fig.6.2.5(2).

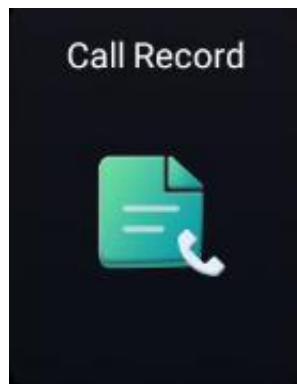


Fig.6.2.5(1) Call record card

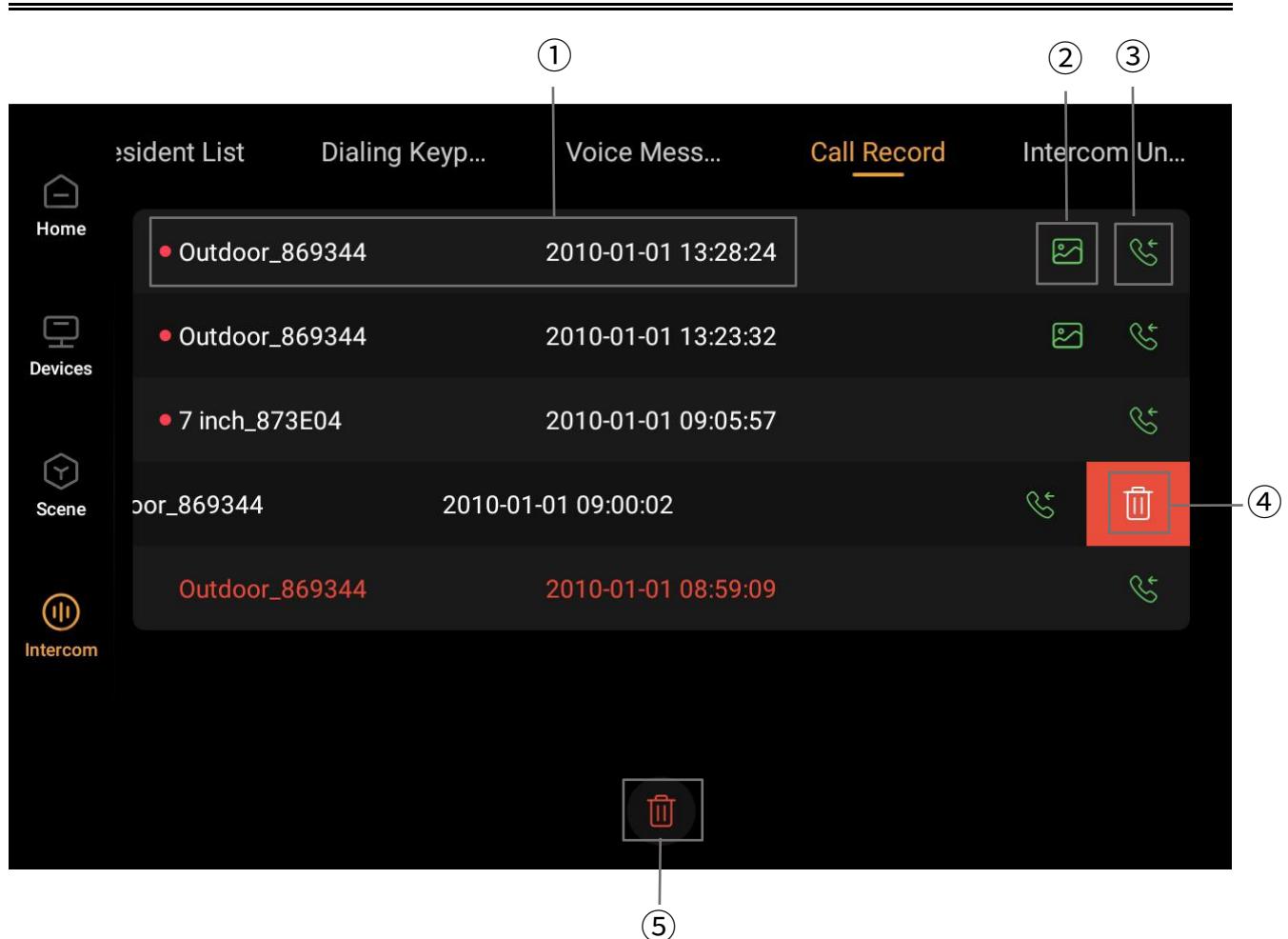


Fig.6.2.5(2) Call record

① Displays the addressee of a call and the time hung up, with a red dot marking missed calls.

② Touch to view the pictures in the outdoor station with monitoring.

③ Touch to call back the contact.

④ Slide left on the call record entry and the icon appears, touch on to delete this call record.

⑤ Touch to delete all records and confirm twice to execute the deletion operation.

### 6.2.6 Intercom unlock

Intercom unlock card, as shown in Fig.6.2.6(1), with six modules of intercom functions, top contacts, resident list, dialing keypad, voice message, call record, intercom unlock. Among them, the intercom unlock module can view the information of outdoor station, such as SIP account, remark name, unlock password.

Touch the card, pop up the detailed operation page, as shown in Fig.6.2.6(2).

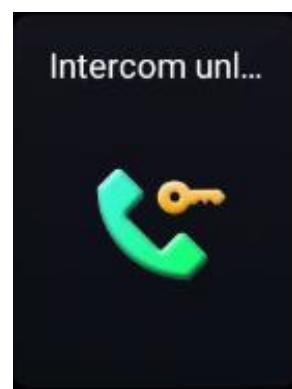
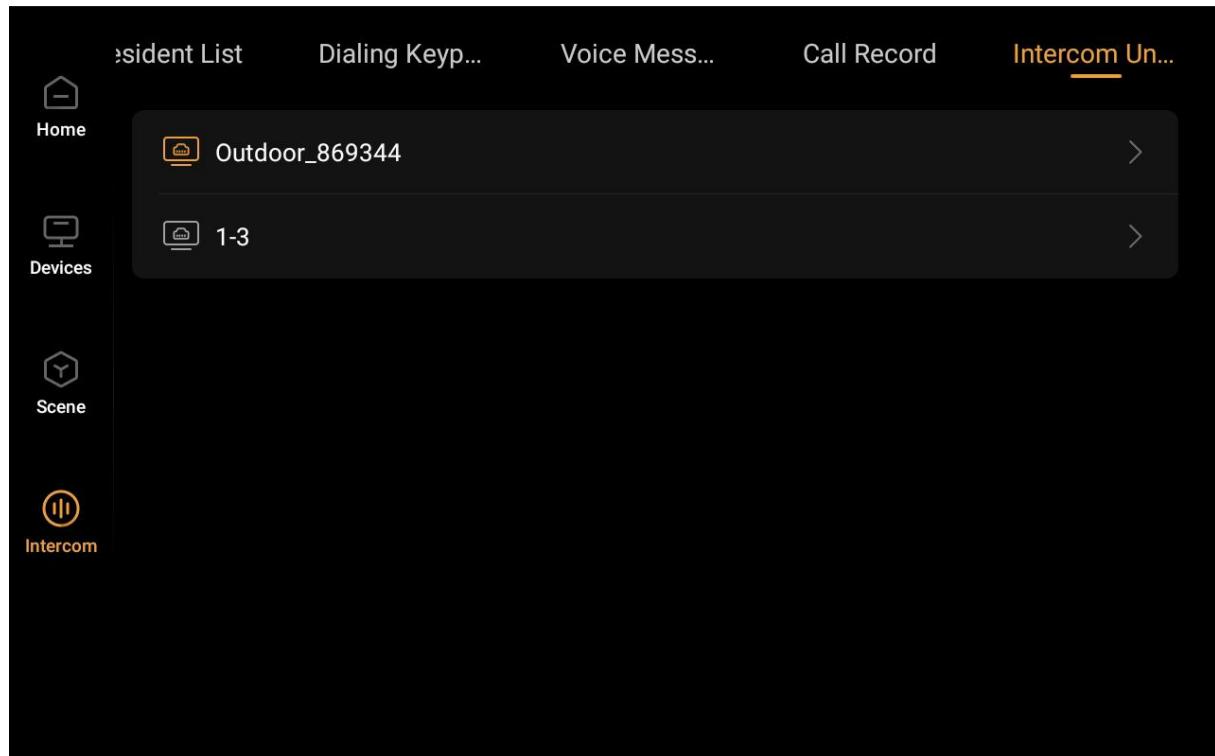
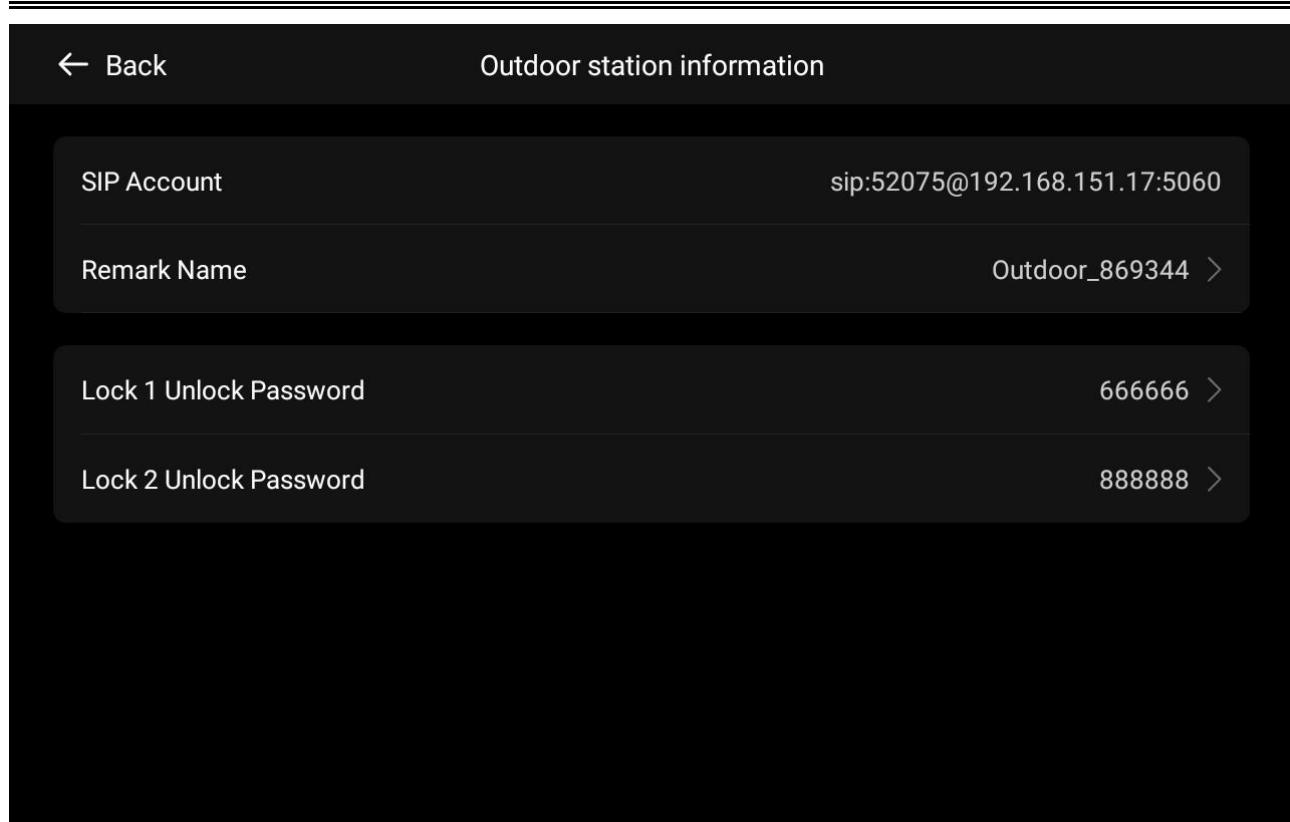


Fig.6.2.6(1) Intercom unlock card



6.2.6(2) Intercom unlock



### 6.2.6(3)

Touch the corresponding outdoor station, the page shown in Fig.6.2.6(3),with SIP account,remark name,unlock password.

**Note : remark name and unlock password can be customized and modified on the screen.**

### 6.2.7 Call forwarding

Call forwarding card, as shown in Fig.6.2.7(1), used to call other unit devices.

Touch the card, pop up the detailed operation page, as shown in Fig.6.2.7(2).

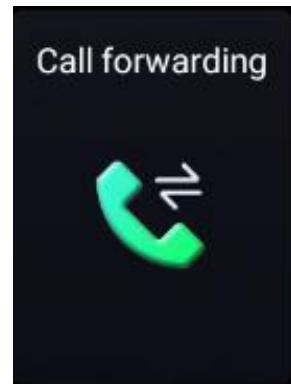


Fig.6.2.7(1) Call forwarding card

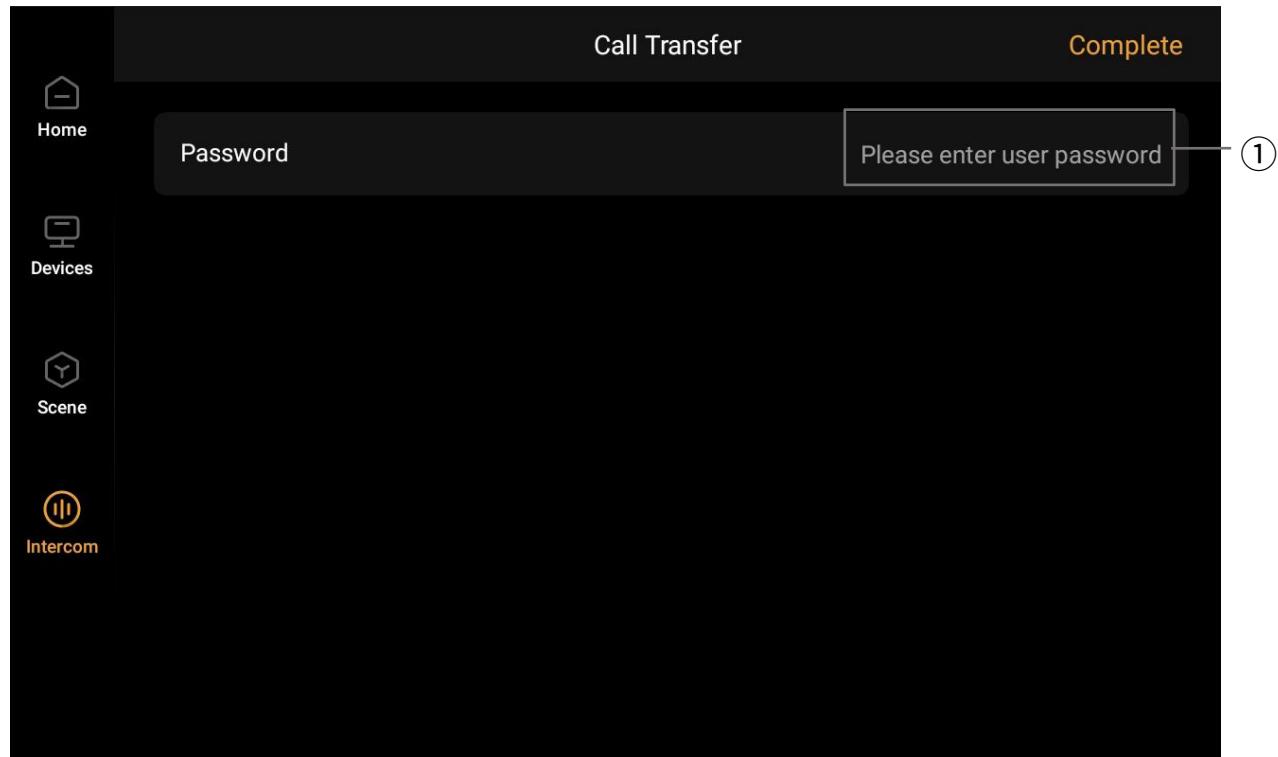


Fig.6.2.7(2)

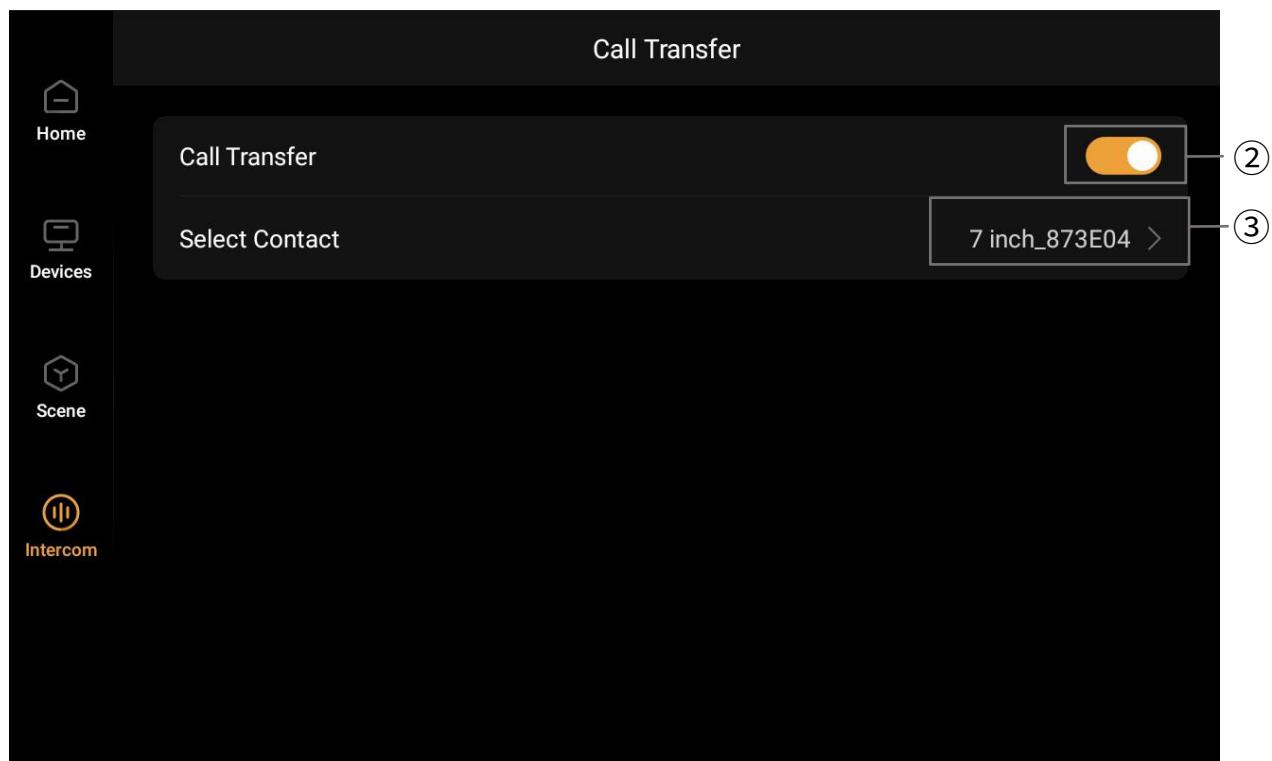


Fig.6.2.7(3) Call forwarding

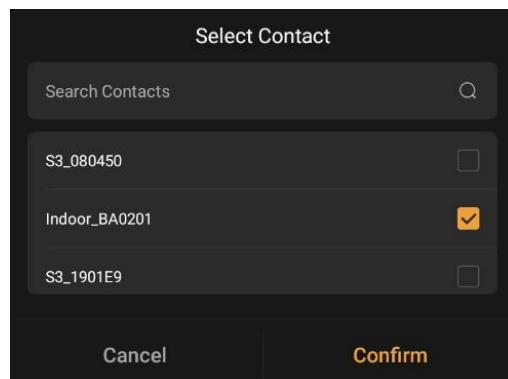


Fig.6.2.7(4)

① Enter the password to enter the call forwarding settings page, as shown in Fig.6.2.7(3).

**Default password: 666666.**

② Touch to active/inactive call forwarding.

Icon  indicate call forwarding is inactive.

Icon  indicate call forwarding is active, transferring an incoming call to

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another unit device.

③ Touch to pop up sub-window shown in Fig.6.2.7(4), enter search contacts and confirm to select other unit devices.

### **6.2.8 Monitor**

Monitor card, as shown in Fig.6.2.8(1), with three modules of monitor functions, video surveillance, monitoring record, video monitor device. Among them, the video surveillance module can view the monitoring screen of different devices and record, take photo the monitoring screen. Call the outdoor station and open the access control of the monitoring location.

Touch the card, pop up the detailed operation page, as shown in Fig.6.2.8(2).

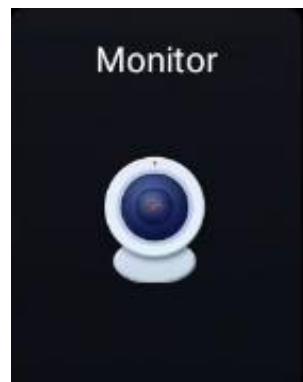


Fig.6.2.8(1) Monitor card

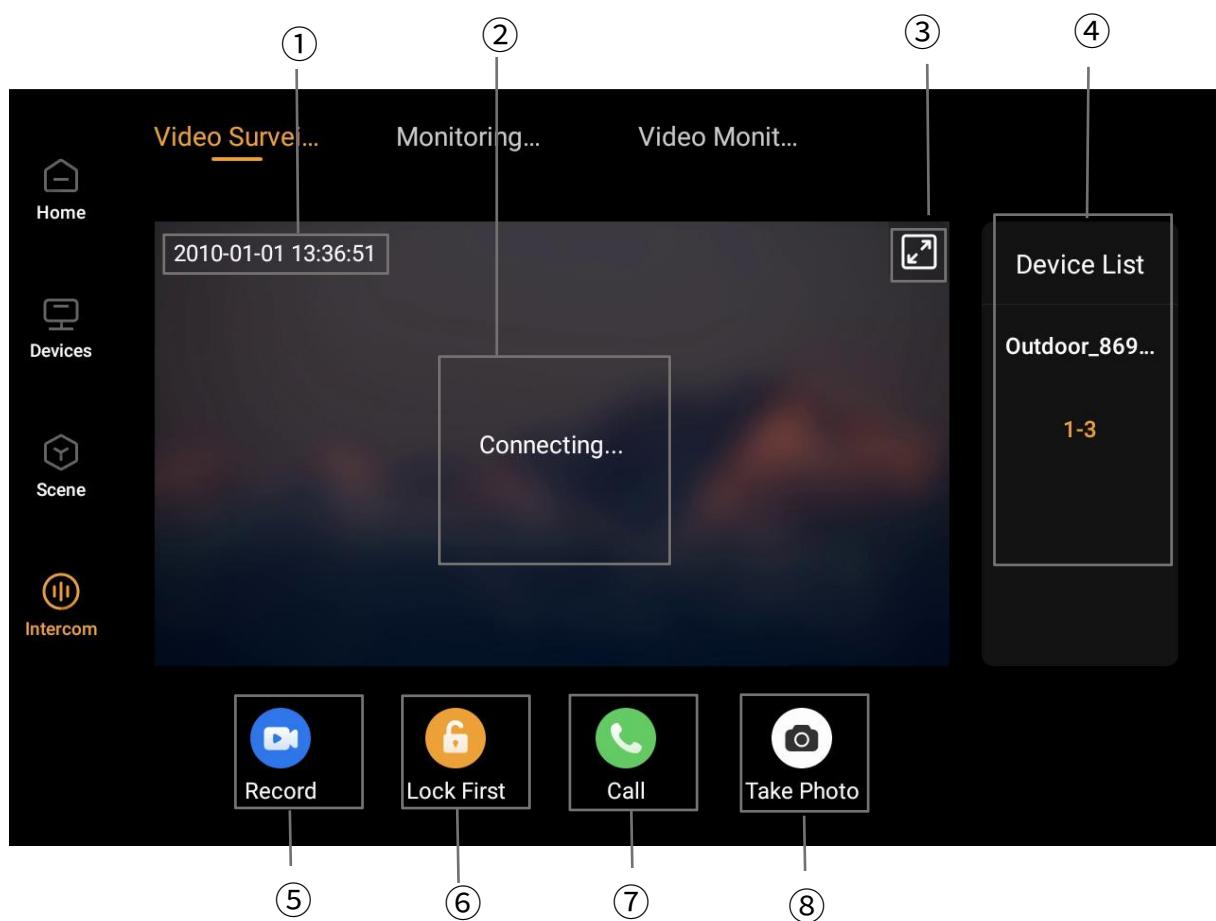


Fig.6.2.8(2) Video surveillance

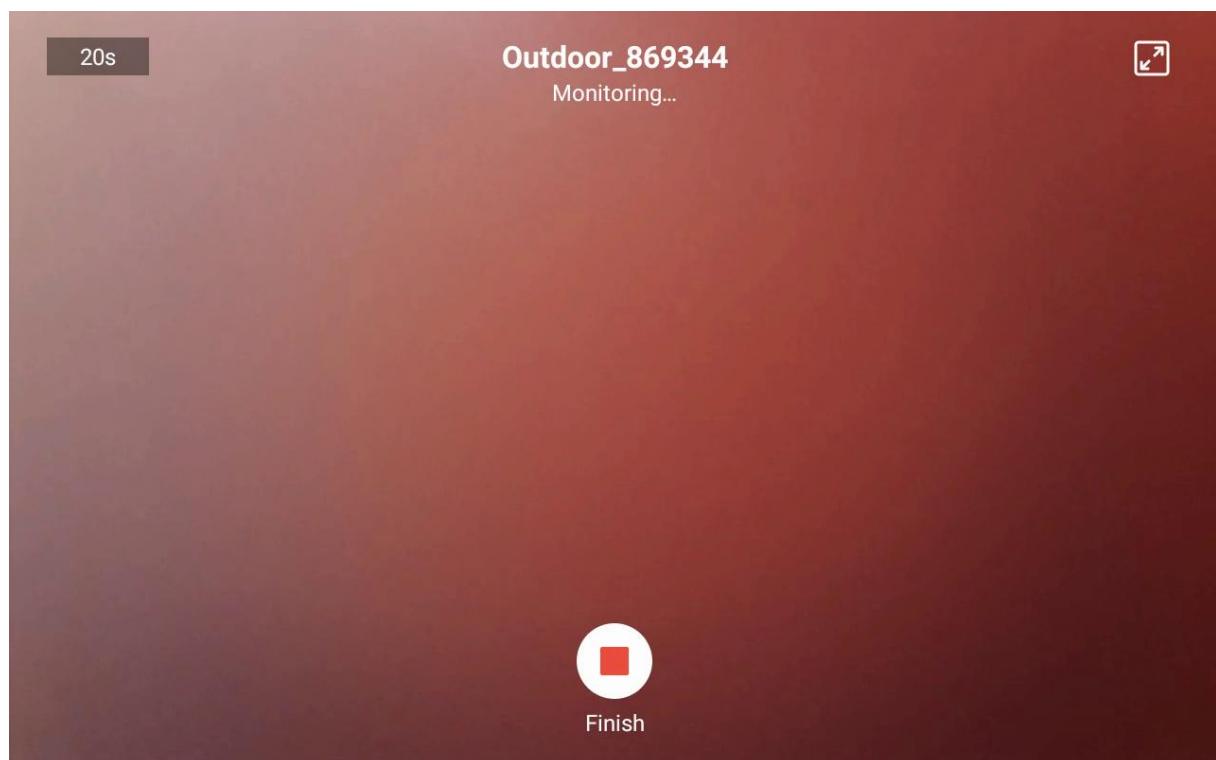


Fig.6.2.8(3)

① Displays the current date and time.  
② Displays the screen of the video surveillance. Default load the screen display of the first device. Display the screen content and monitoring countdown after successful connection, the countdown is displayed in the upper right corner, up to 120s, the countdown is finished, exit the monitoring screen, and go back to the intercom home page.

③ Touch to display the monitor screen in full screen.

④ Display the device list, touch to select different monitoring devices to view.

⑤ Touch to bring up the screen shown in Fig. 6.2.8(3) and record the monitor screen.

Touch the icon  to end the full screen. Touch the icon  to end the recording.

Video recording supports up to 30s and storing up to 2 videos, more than 2 will overwrite the previous recordings.

⑥ Touch to unlock door for the selected monitoring device location.

⑦ Touch to call the selected monitoring device.

⑧ Touch to take photo of the surveillance screen.

Up to 9 photos can be taken, and more than 9 photos will overwrite the 1st photo taken before.

### 6.2.9 Monitoring record

Monitoring record card, as shown in Fig.6.2.9(1), with three modules of monitor functions, video surveillance, monitoring record, video monitor device. Among them, the monitoring record module can view the surveillance video or photo.

Touch the card, pop up the detailed operation page, as shown in Fig.6.2.9(2).

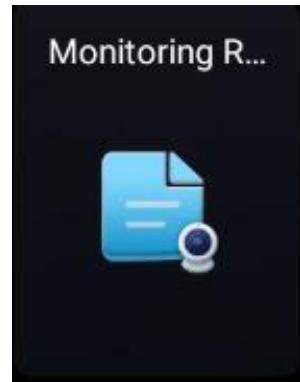


Fig.6.2.9(1) Monitoring record

The screenshot shows the app's interface with a sidebar on the left containing icons for Home, Devices, Scene, and Intercom. The main content area has a header with tabs: 'Video Survey...', 'Monitoring...', and 'Video Monit...'. The 'Monitoring...' tab is selected, indicated by an orange underline. Below the tabs is a list of monitoring records. Each record is represented by a row with a small red circular icon, the recording name, and the date and time. To the right of each row are three small icons: a green camera, a yellow video camera, and a red trash can. A vertical line with a circled '1' at the top points to the 'Monitoring...' tab. Vertical lines with circled '2', '3', and '4' point to the icons in the last three rows. A vertical line with a circled '5' at the bottom points to the red trash can icon in the last row.

Recording Name	Date and Time	Actions
Outdoor_869344	2010-01-01 13:42:42	
Outdoor_869344	2010-01-01 13:41:42	
Outdoor_869344	2010-01-01 13:40:40	
Outdoor_869344	2010-01-01 13:39:27	
1-3	2010-01-01 13:38:49	
Outdoor_869344	2010-01-01 13:36:49	

Fig.6.2.9(2) Monitoring record



Fig.6.2.9(3) View photos



Fig.6.2.9(4) View video

- ① Displays the name, date and time of the monitoring device. Red dots mark not viewed monitoring records.
- ② Touch to bring up the page shown in Fig.6.2.9(3) to view the surveillance photos taken by this device.
- ③ Touch to appear the page shown in Fig.6.2.9(4) to view the surveillance video recorded by this device.
- ④ Slide left on the monitoring device entry and the icon  appears, touch to delete this monitoring record.
- ⑤ Touch to delete all records and confirm twice to execute the deletion operation.

### 6.2.10 Video monitor device

Video monitor device card, as shown in Fig.6.2.10(1), with three modules of monitor functions, video surveillance, monitoring record, video monitor device. Among them, the video monitor device module can add video monitor device.

Touch the card, pop up the detailed operation page, as shown in Fig.6.2.10(2).

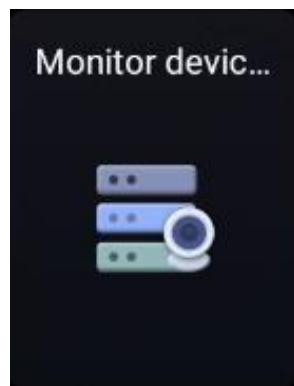


Fig.6.2.10(1) Video monitor device card

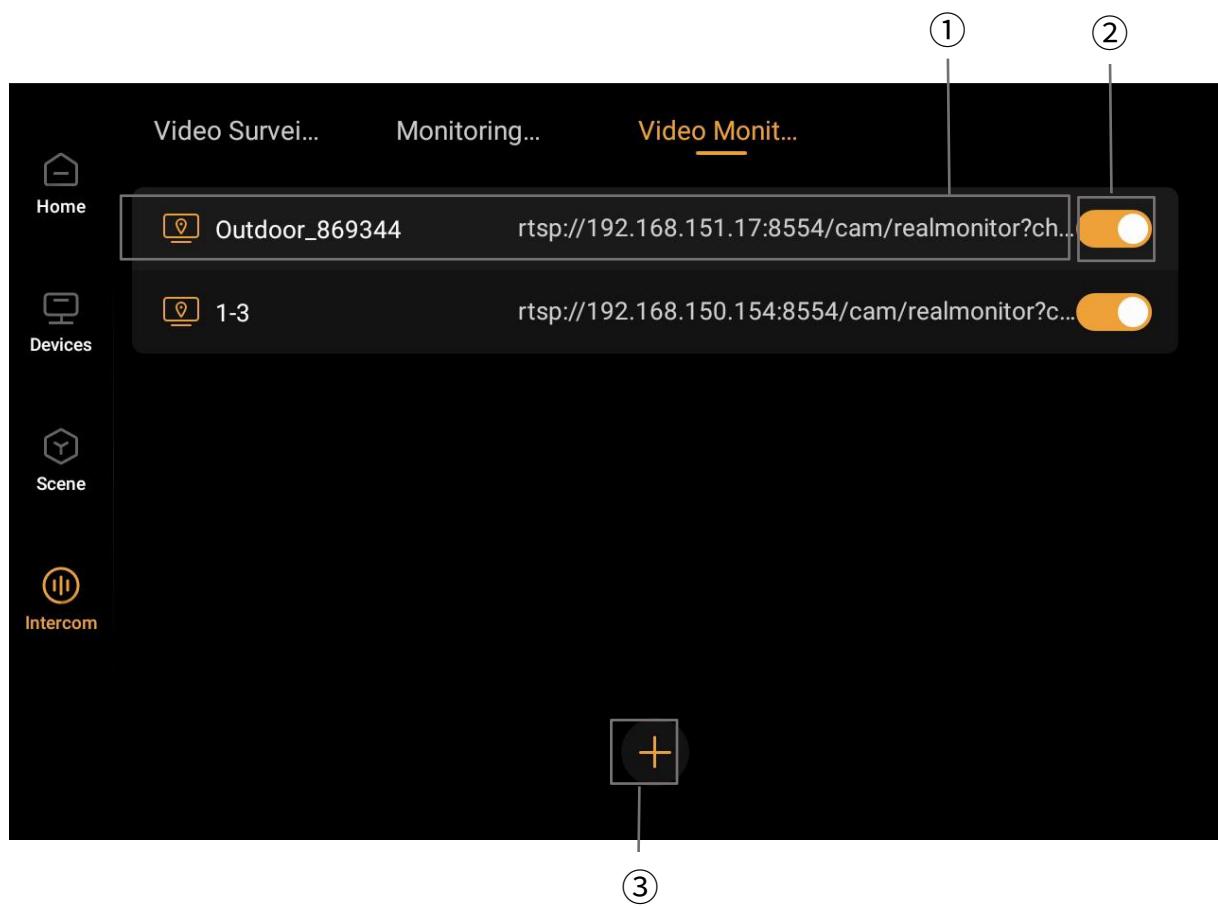


Fig.6.2.10(2) Video monitor device

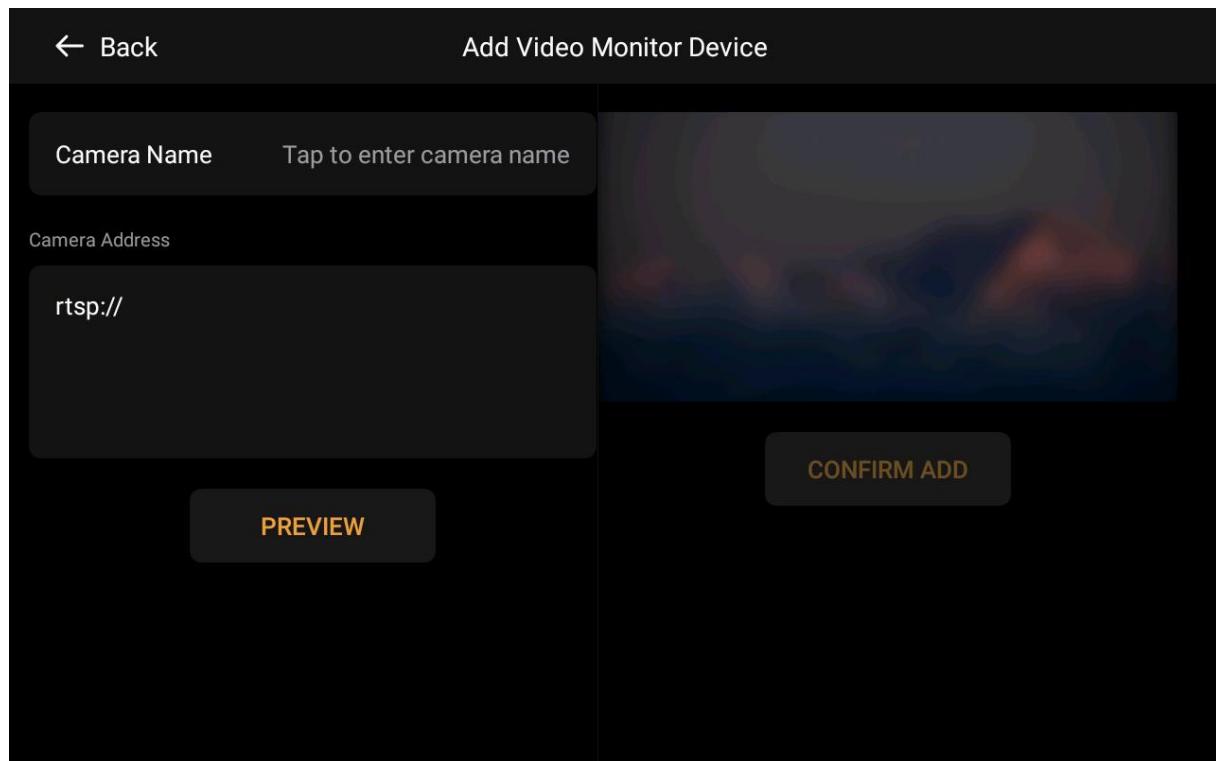


Fig.6.2.10(3)

① Displays the name and address of the monitoring device.

② Touch to turn on/off the monitoring device.

Icon  indicate turn off the monitoring device.

Icon  indicate turn on the monitoring device.

③ Touch to appear the page shown in Fig.6.2.10(3), tap to enter camera name and address, touch "Preview", you can see the camera screen on the right side of the area, touch "Confirm Add" to add the monitoring device.

**Note: A maximum of 64 monitoring devices can be added.**

### 6.2.11 Arm/Disarm

Arm/Disarm card, as shown in Fig.6.2.11, with three modules of alarm functions, arm and disarm, alarm settings, defense zone settings. It is used to set up arm/leave home. This machine does not come with dry contact page, all arming devices are KNX virtual devices,

can arm and disarm, alarm setting, and defense zone setting operations on the screen.

Touch the card, pop up the detailed operation page, detail operation in chapter 6.2.11.1-6.2.11.3.

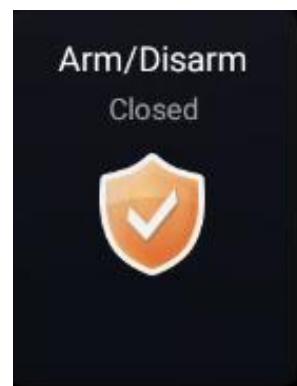


Fig.6.2.11 Arm/Disarm card

#### 6.2.11.1 Arm and Disarm

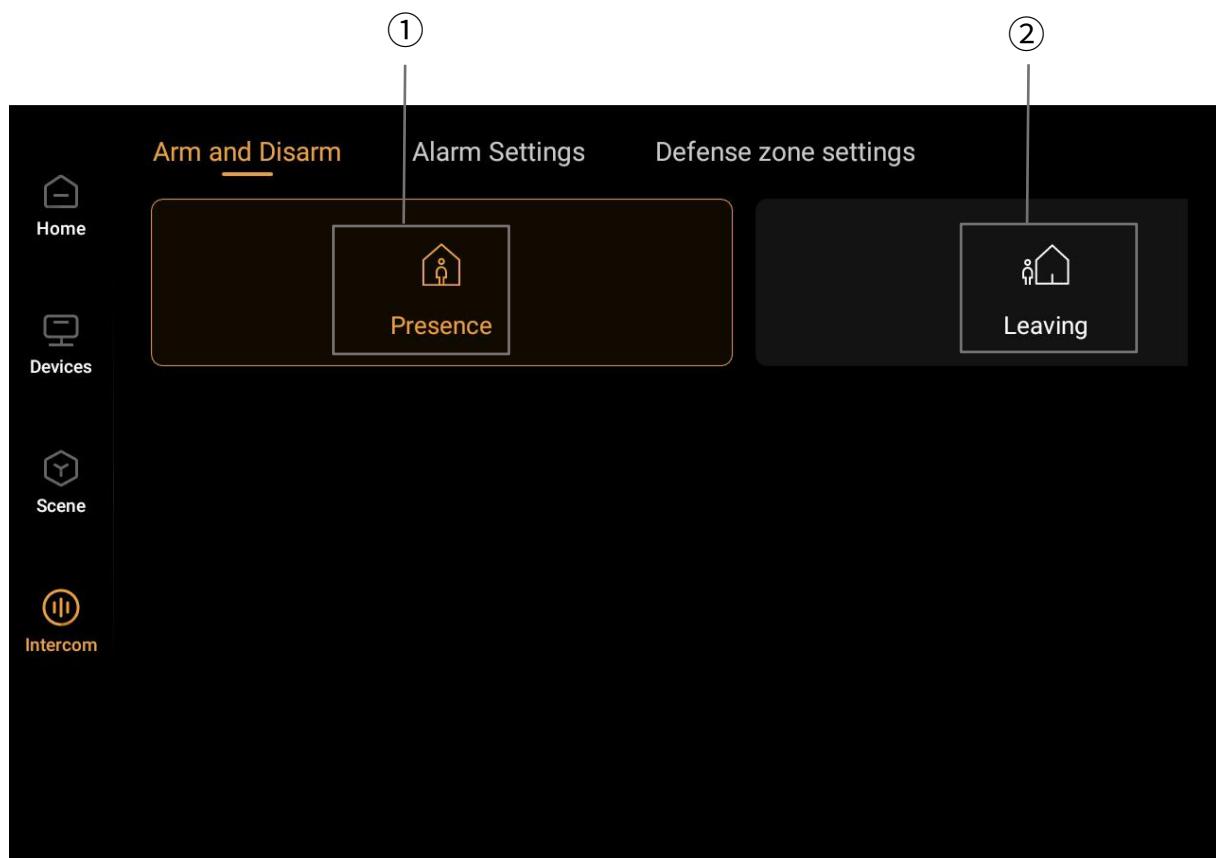
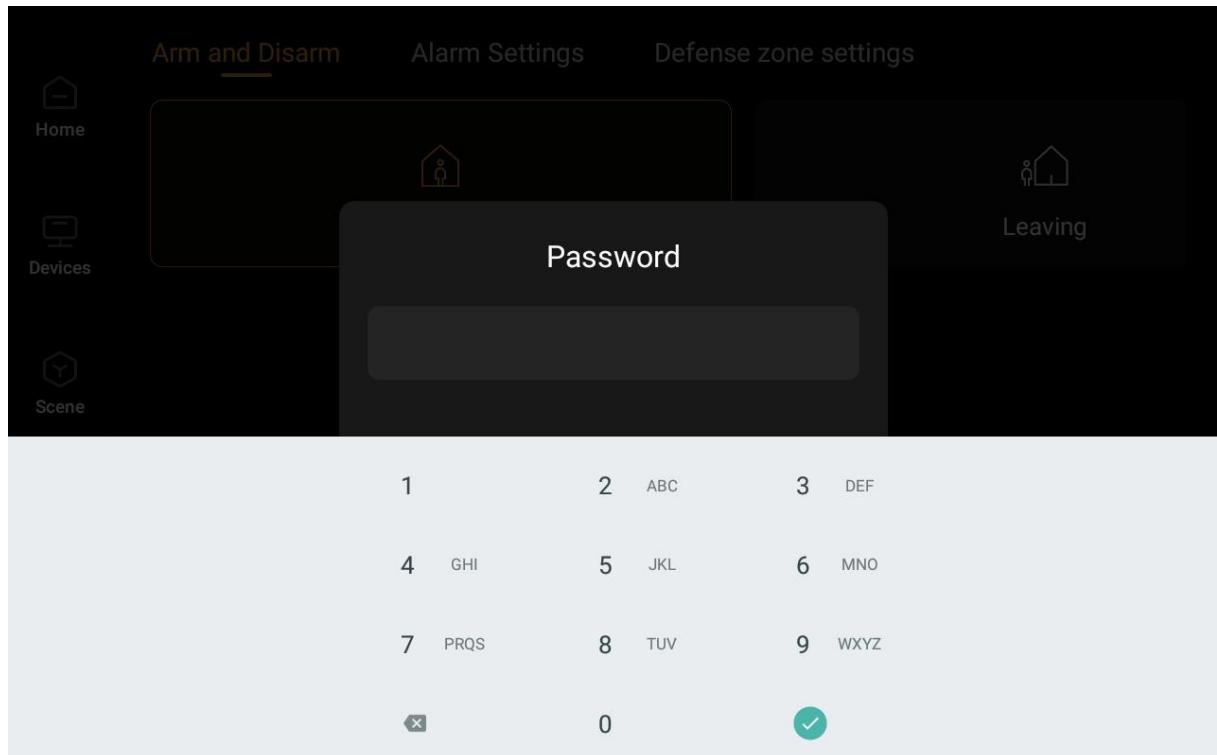


Fig.6.2.11.1(1) Arm and Disarm



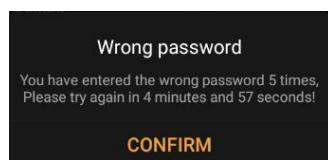
## 6.2.11.1(2)

① Touch to pop up sub-window shown in Fig.6.2.11(2),enter the user password and confirm,then enter presence,user needs to leave defense zone in the delay time.Default password: 666666, the arm/disarm password can be changed in Settings-Password.

Icon  indicates active presence.

Icon  indicates inactive presence.

**Note: If enable password error lock in the settings, a warning pop up icon**



**will appear if you enter the wrong password 5 times.**

② Touch to pop up sub-window shown in Fig. 6.2.11(3),enter the user password and confirm,then enter leaving,user needs to leave defense zone in the delay time.Default password: 666666, the arm/disarm password can be changed in Settings-Password.

Icon  indicates active leaving.

Icon  indicates inactive leaving.

**Note:**

**1. To switch arming modes, you need to undo another arming state before you can select a new arming mode.**

**2. You can only choose one for presence or leaving, not both at the same time.**

#### 6.2.11.2 Alarm settings

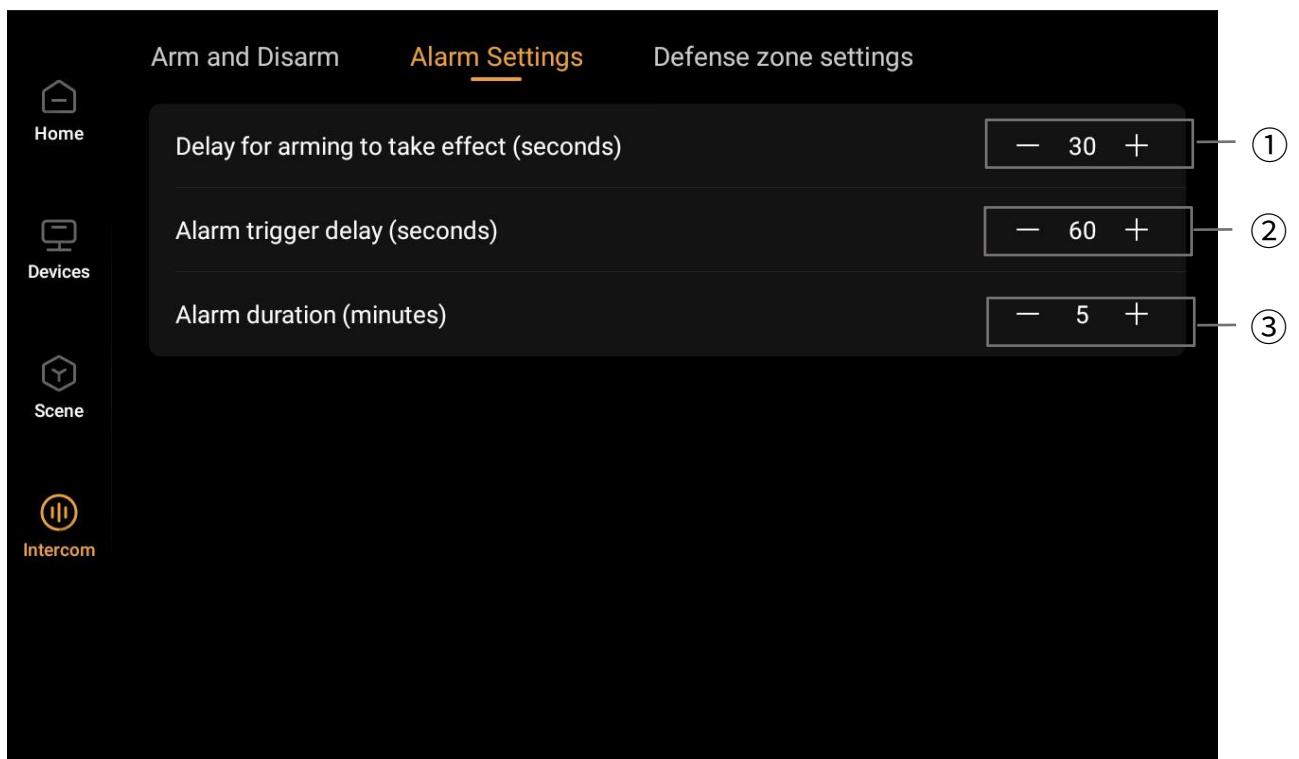


Fig.6.2.11.2 Alarm settings

① Setting the delay for arming to take effect. Adjustable time range is 0~60s.

Touch icon  indicates reduced delay time.

Touch icon  indicates increase delay time.

② Setting the alarm trigger delay. Adjustable time range is 0~60s.

Touch icon  indicates reduced delay time.

Touch icon  indicates increase delay time.

③Setting the alarm duration. Adjustable time range is 5~30min.

Touch icon  indicates reduced delay time.

Touch icon  indicates increase delay time.

**Note: When the arming mode is turn on, the time cannot be adjusted and ① ② ③ cannot be operated.**

#### 6.2.11.3 Defense zone settings

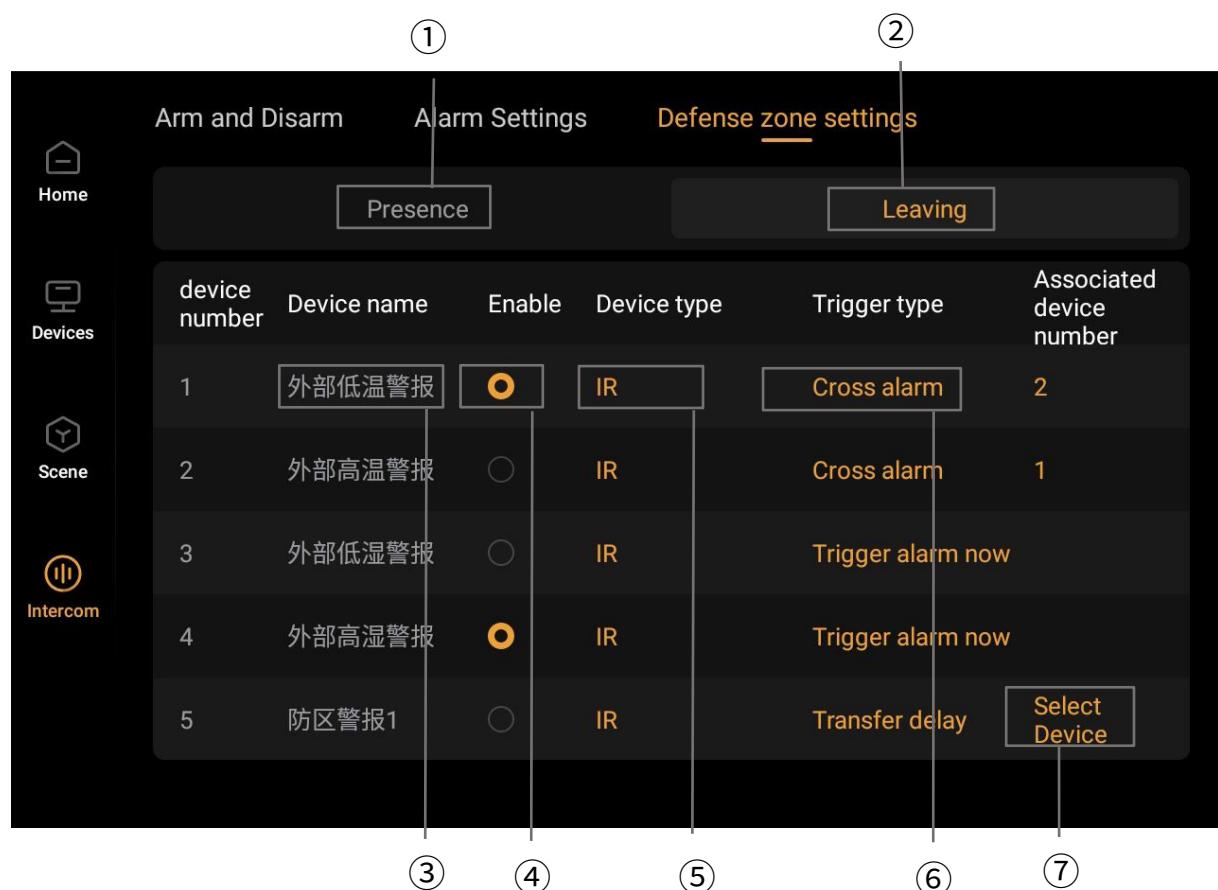


Fig.6.2.11.3(1) Defense zone settings

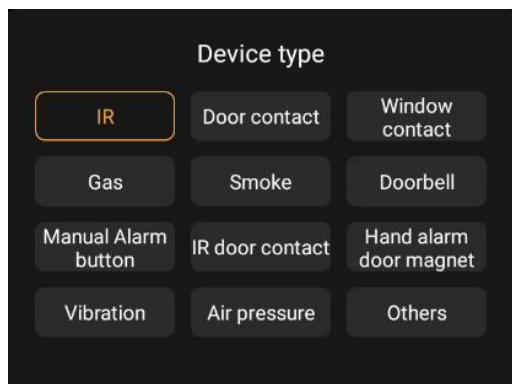


Fig.6.2.11.3(2) Device type

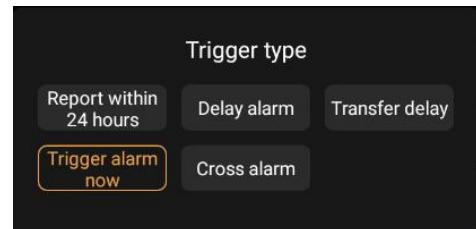


Fig.6.2.11.3(3) Trigger type

device number	Device name	Enable	Device type	Trigger type	Associated device number
1	Low temperature	<input checked="" type="radio"/>	IR	Cross alarm	2
2	High temperature	<input checked="" type="radio"/>	IR	Cross alarm	1

7	VOC alarm	<input checked="" type="radio"/>	IR	Cross alarm	8
8	AOI alarm	<input checked="" type="radio"/>	IR	Cross alarm	7

Fig.6.2.11.3(4)

3	Low humidity	<input checked="" type="radio"/>	IR	Transfer delay	Select Device
4	High humidity	<input checked="" type="radio"/>	IR	Delay alarm	
3	Low humidity	<input checked="" type="radio"/>	IR	Transfer delay	Select Device
4	High humidity	<input checked="" type="radio"/>	IR	Delay alarm	No other

Fig.6.2.11.3(5)

①Touch to enter the arming at Home page.

②Touch to enter the leave home Arm page.

③Display device name.

④Touch to enable/disable device alarm.

Touch icon  indicates enable device alarm.

Touch icon  indicates disable device alarm.

⑤Display device type.Touch to pop up sub-window shown in Fig.6.2.11.3(2) to select different device type.

⑥Display trigger type.Touch to pop up sub-window shown in Fig.6.2.11.3(2) to select different trigger type.

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.

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.

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.

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.

Trigger Alarm now: After arming, raise an alarm as soon as it is triggered.

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.

---

**Note: Only the low/high temperature alarm, VOC/AQI alarm trigger types with cross alarms.**

⑦Display associated device number.

**Note:**

1. Low/high temperature alarms and VOC/AQI alarms can be correlated with each other when cross alarms are selected for the trigger type. As shown in Fig.6.2.11.3(4).
2. The other associated trigger types must have a delay alarm and transfer delay to be associated. As shown in Fig.6.2.11.3(5). Touch to select the associated device.

#### **6.2.12 Alarm record**

Arm record card, as shown in Fig.6.2.12(1), touch the card to view the detailed alarm record, such as alarm type, alarm equipment, alarm content, alarm time and processing status, as shown in Fig.6.2.12(2).

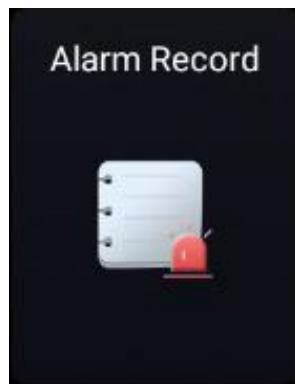


Fig.6.2.12(1) Alarm record card

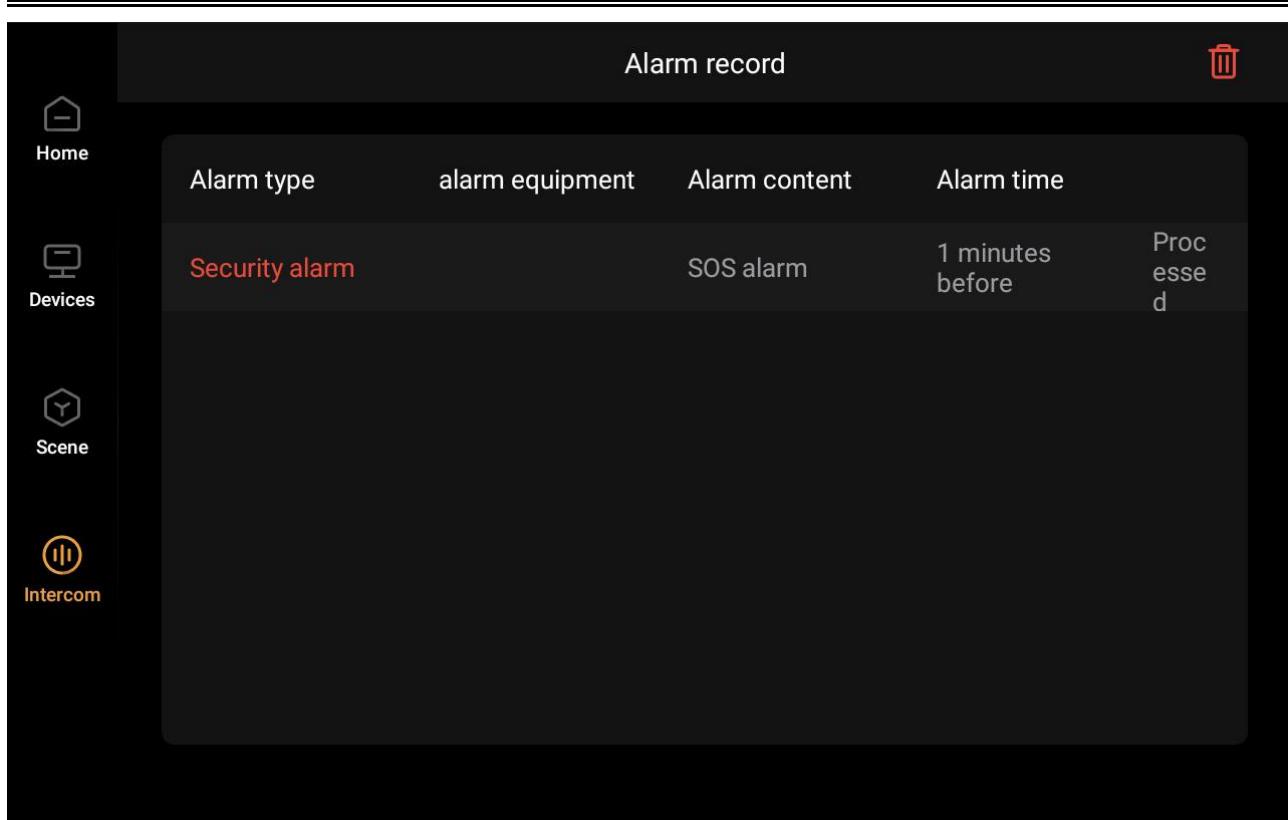


Fig.6.2.12(2) Alarm record

### 6.2.13 SOS

SOS card, as shown in Fig.6.2.13(1). Long press the card to enter the SOS page, as shown in Fig.6.2.13(2). When touch disarm, the pop up a sub-window as shown in Fig. 6.2.13(3), enter user password and touch confirm to disarm. The default password is: 666666.

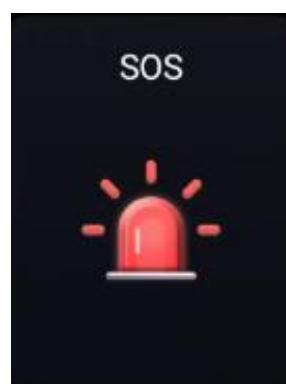
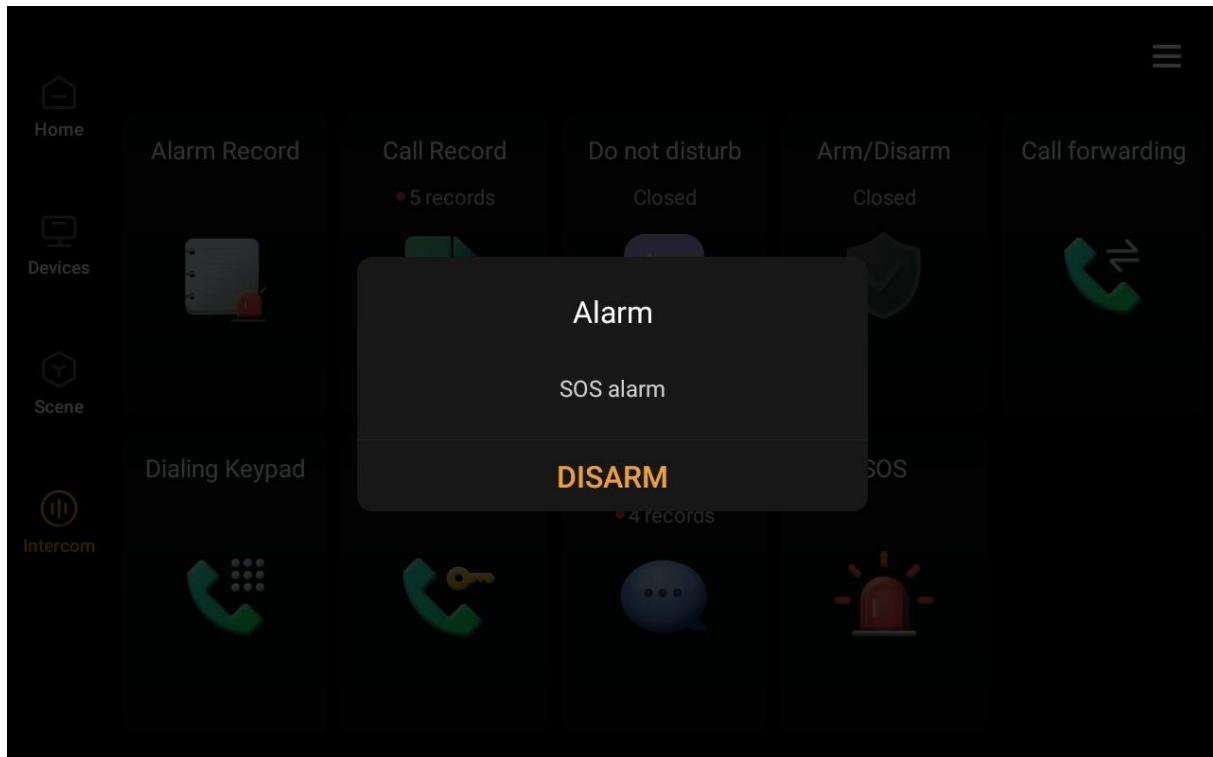
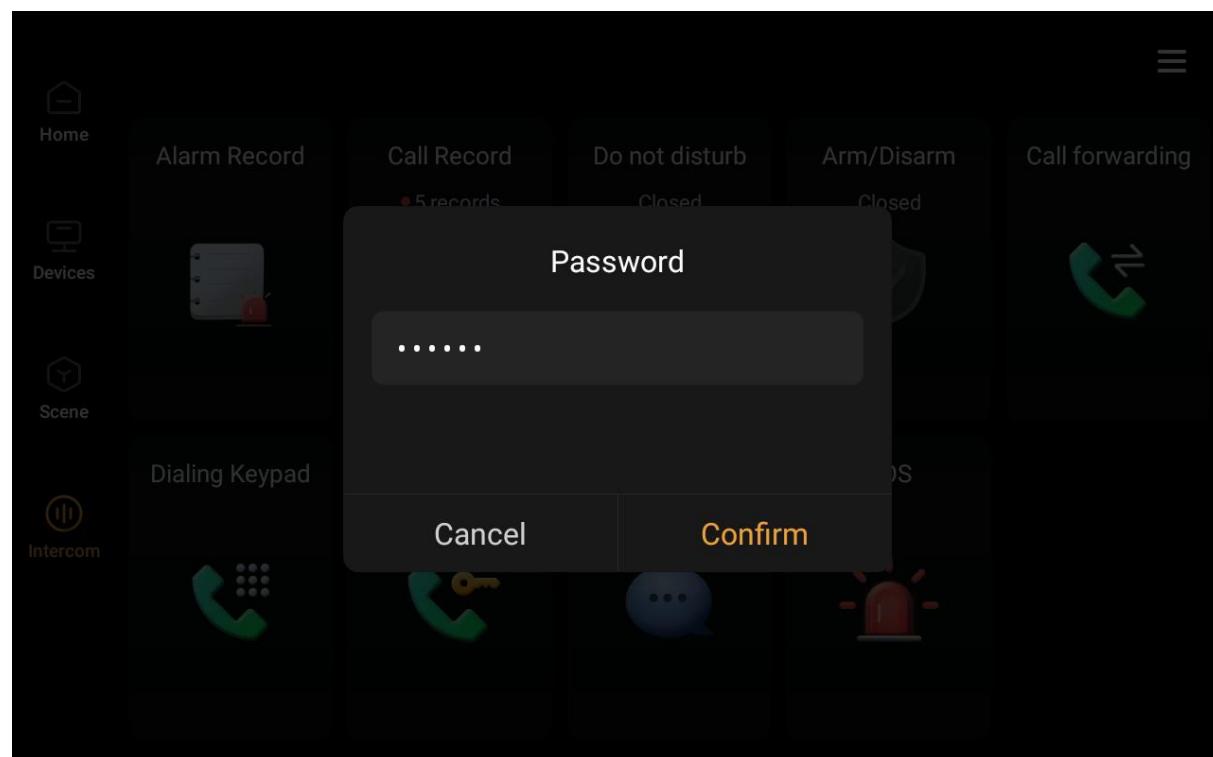


Fig.6.2.13(1) SOS card



6.2.13(2)



6.2.13(3)

### 6.2.14 Do no disturb

Do no disturb card, as shown in Fig.6.2.14(1), is used to set enable do not disturb, and start/end/repeat time.

Touch the card, pop up the detailed operation page, as shown in Fig.6.2.14(2).

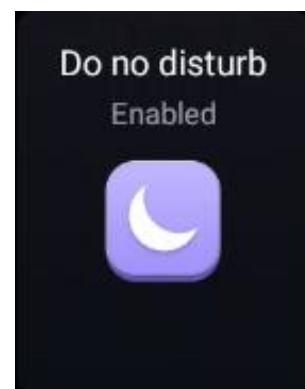


Fig.6.2.14(1) Do no disturb card

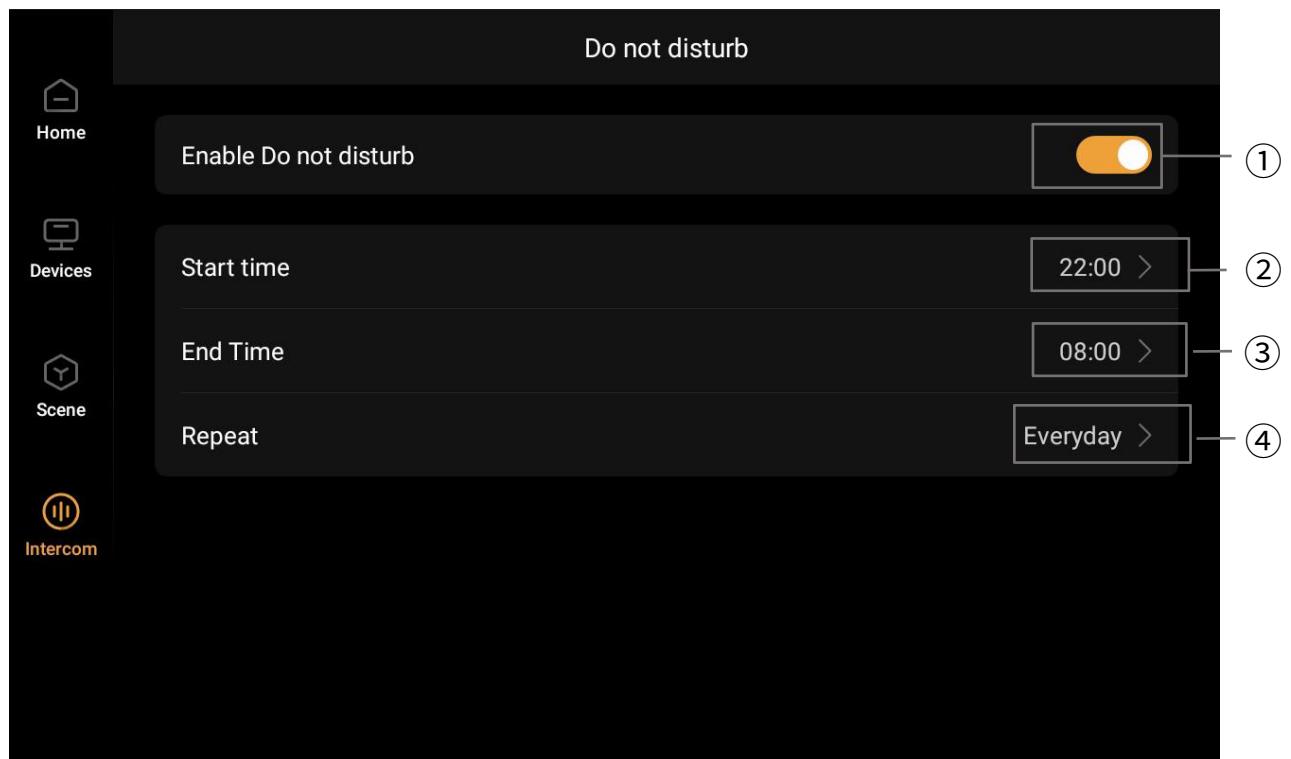


Fig.6.2.14(2) Do no disturb

Start time

21  
22 hour 0 minute  
23 1

Cancel Confirm

End Time

7  
8 hour 0 minute  
9 1

Cancel Confirm

6.2.14(3)

6.2.14(4)

Repeat

Mon. Tues. Wed.  
Thur. Fri. Sat.  
Sun.

Cancel Confirm

Fig.6.2.14(5)

① Touch to active/inactive do not disturb.

Icon  indicates active do not disturb.

Icon  indicates inactive do not disturb.

② Touch to pop up sub-window shown in Fig.6.2.14(3), slide the number and confirm to set the do not disturb start time.

③ Touch to pop up sub-window shown in Fig.6.2.14(4), slide the number and confirm to set the do not disturb end time.

④ Touch to pop up sub-window shown in Fig.6.2.14(5), slide the number and confirm to set the do not disturb repeat.

**Note: Icons ② ③ ④ appear only when the do not disturb is turn on.**

### 6.2.15 Broadcast

Broadcast card, as shown in Fig.6.2.15(1), is used to set whether to enable broadcasting.

Touch the card, pop up the detailed operation page, as shown in Fig.6.2.14(2).

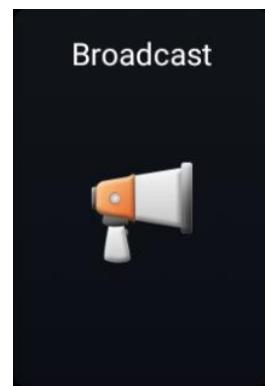


Fig.6.2.15(1) Broadcast

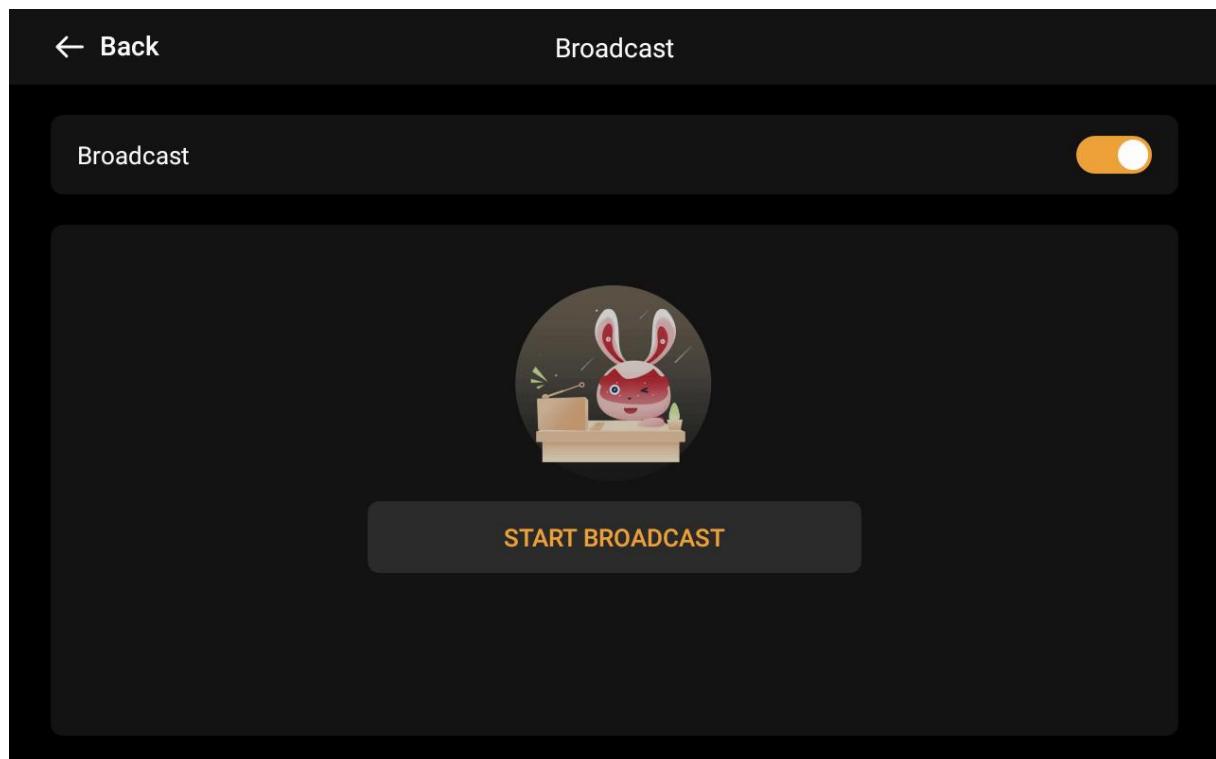


Fig.6.2.15(2)

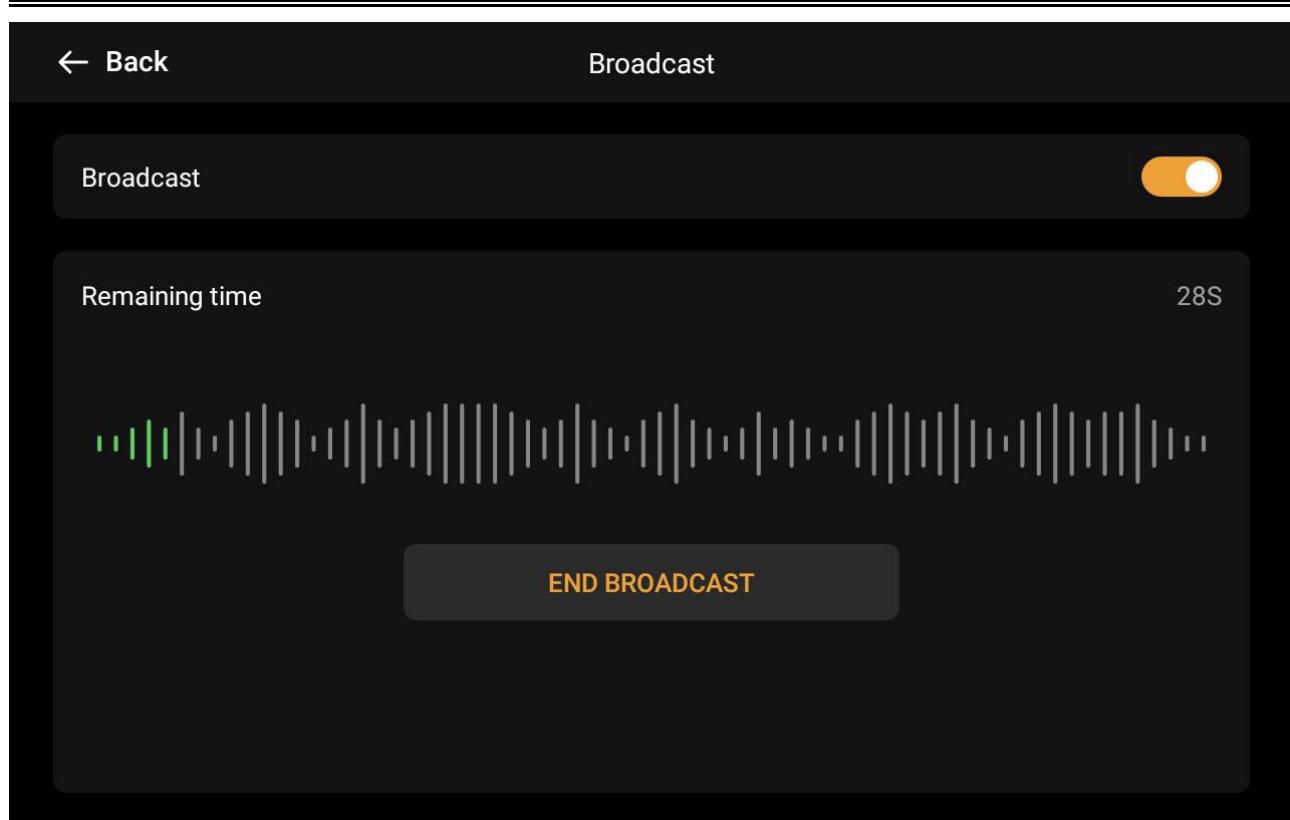


Fig.6.2.15(3)

① Touch to active/inactive broadcast. Icon  indicates that the broadcast function is enabled. Icon  indicates that the broadcast function is off. When broadcast is turned off, the broadcast function is not accepted.

② Click Start Broadcast, start the countdown 30 seconds broadcast, and the initiator's voice will be broadcast to other indoor stations in the LAN.

③ Click End Broadcast to end the broadcast before the countdown time remains.

## Chapter 7 Shortcut page

Pull down from the top of the home, device, scene, or intercom pages to bring up the shortcut settings, as shown in Fig.7.1.

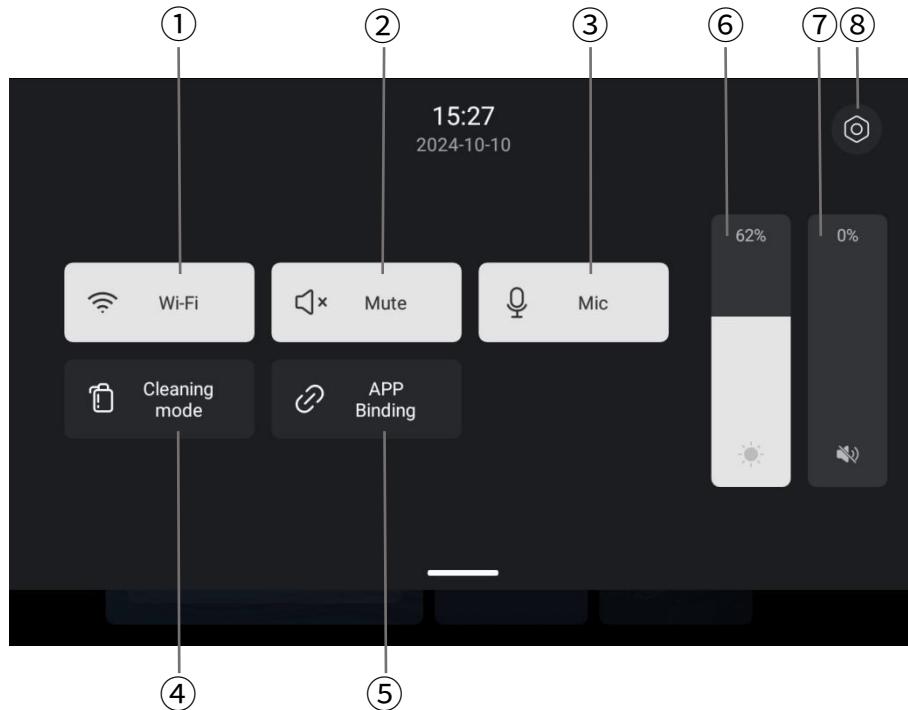


Fig.7.1 Shortcut page

- ①Display the WiFi connection status and tap to turn on/off WiFi.
- ②Display the status of Mute,touch to active/inactive Mute.
- ③Display the status of Microphone,touch to turn on/off Microphone.
- ④Touch to active “Cleaning mode” for 0-60s, and the screen will be locked.
- ⑤Click to display the QR code, you can use the GVS Smart App to scan the QR code and bind the device.
- ⑥Slide the slider to adjust the screen brightness in percentage.
- ⑦Slide the slider to adjust the system volume in percentage.
- ⑧Touch to enter the device settings page.

## Chapter 8 Setting page



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

### 8.1 Theme

The theme setting page is shown in Fig.8.1, with 4 theme and 4 background to select.

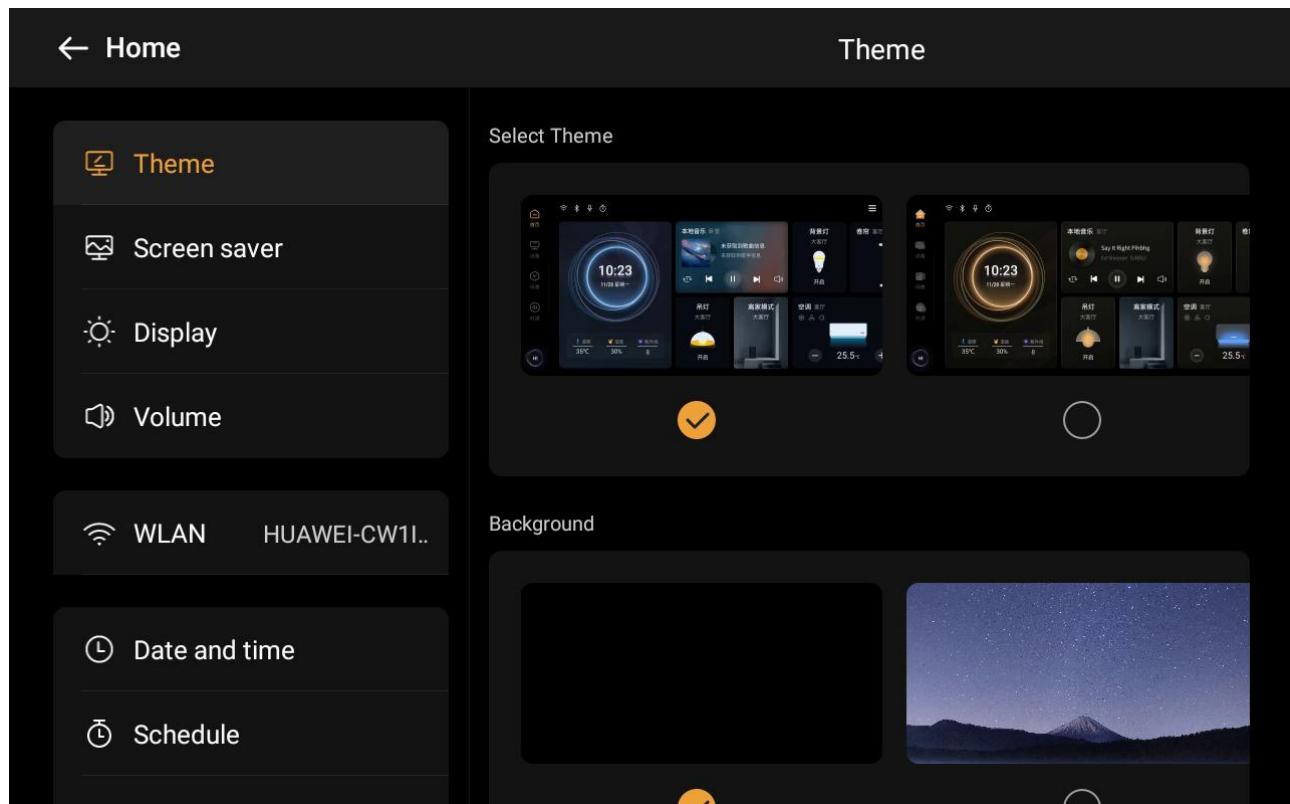


Fig.8.1 Theme



Fig.8.1(1)



Fig.8.1(2)

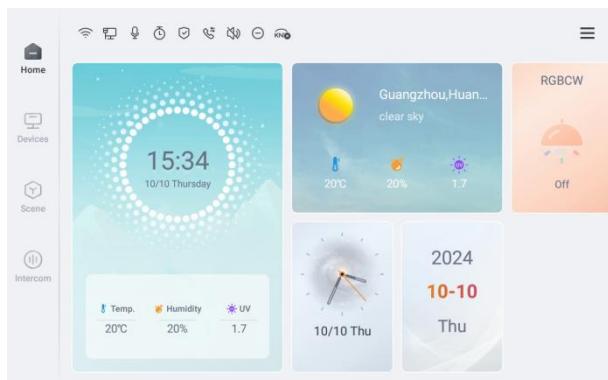


Fig.8.1(3)



Fig.8.1(4)

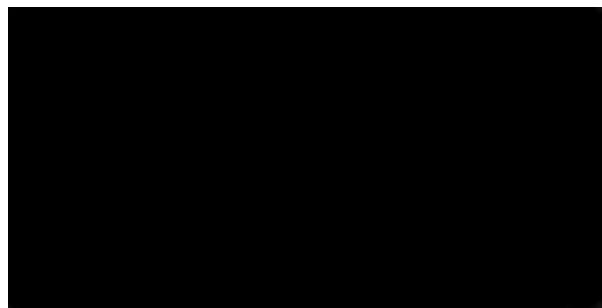


Fig.8.1(5)



Fig.8.1(6)



Fig.8.1(7)



Fig.8.1(8)

## 8.2 Screensaver

The screensaver setting page is shown in Fig.8.2., The digital, dial, weather, shortcut , and album screensaver, as shown in Fig. 8.2(3)-Fig.8.2(7).

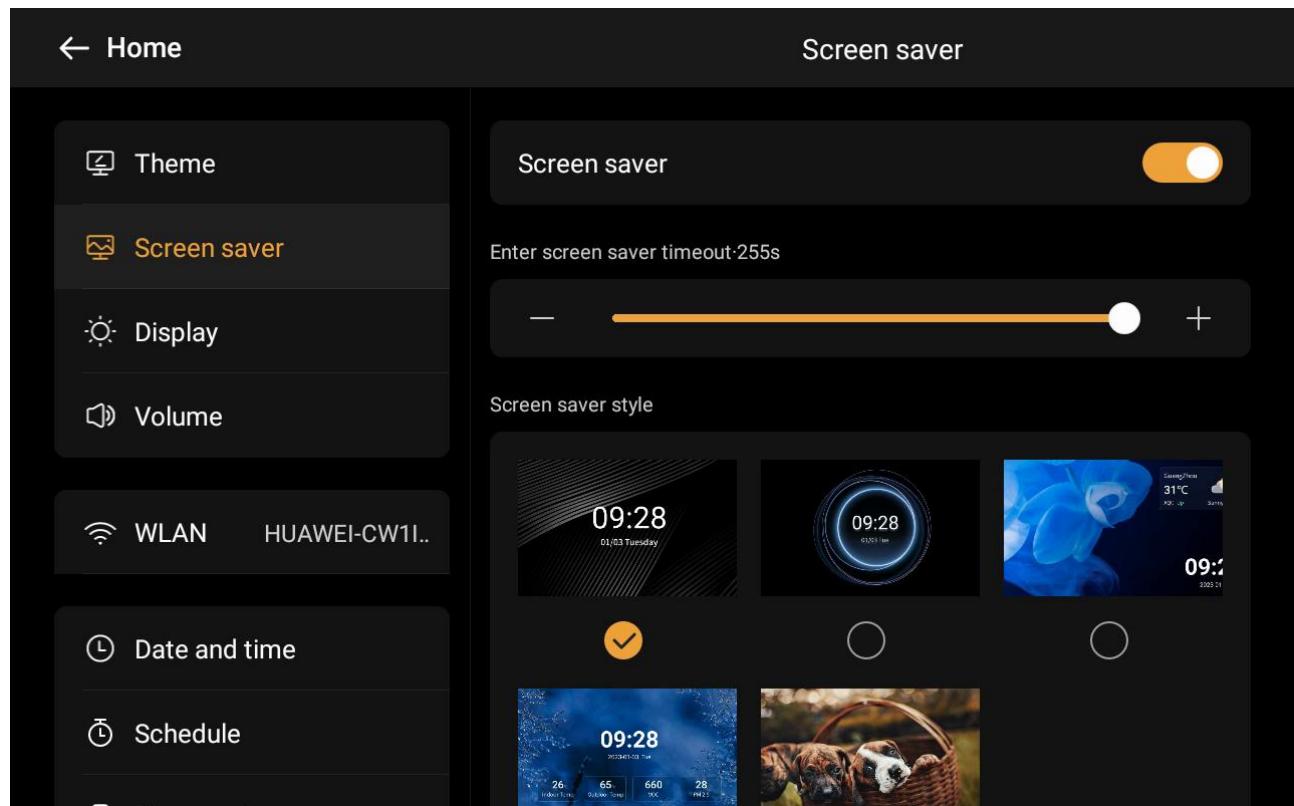


Fig.8.2 Screensaver

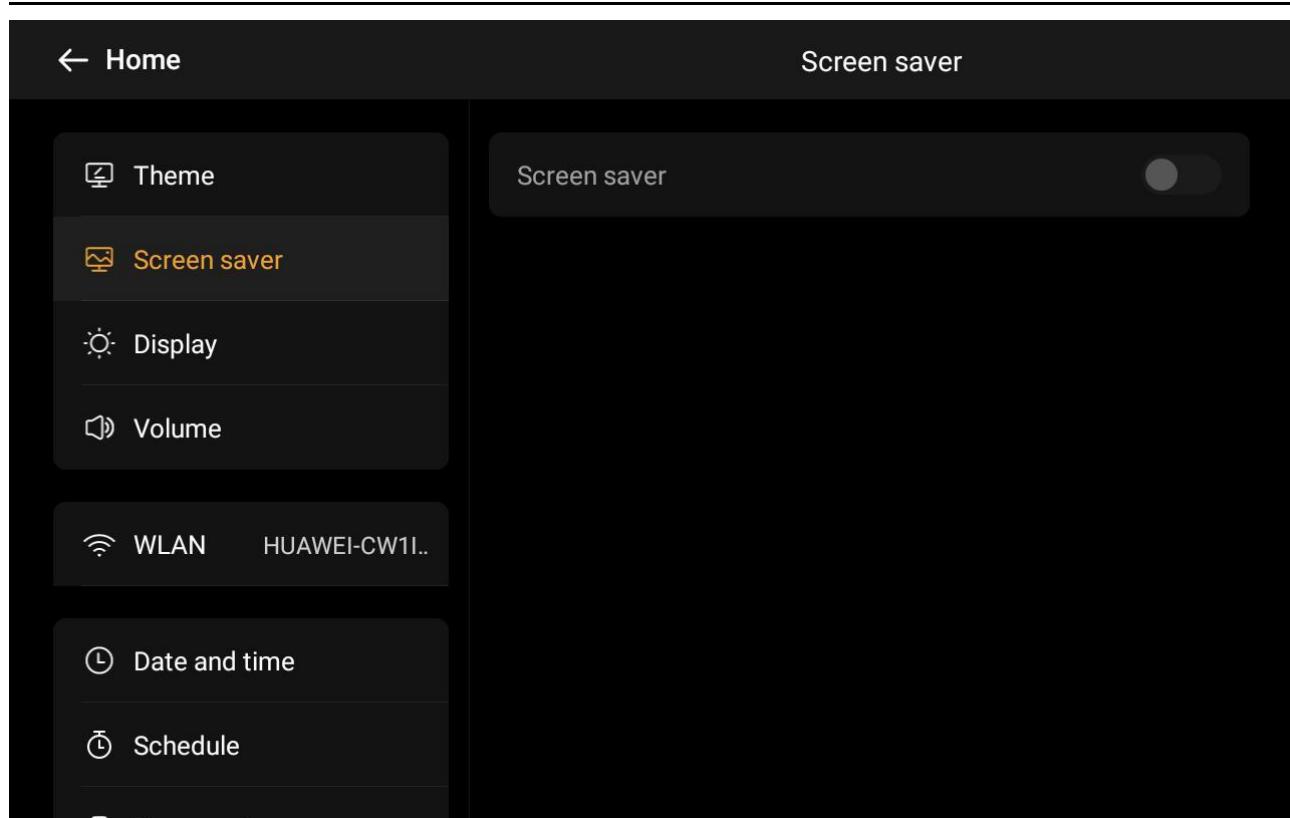


Fig.8.2(1)

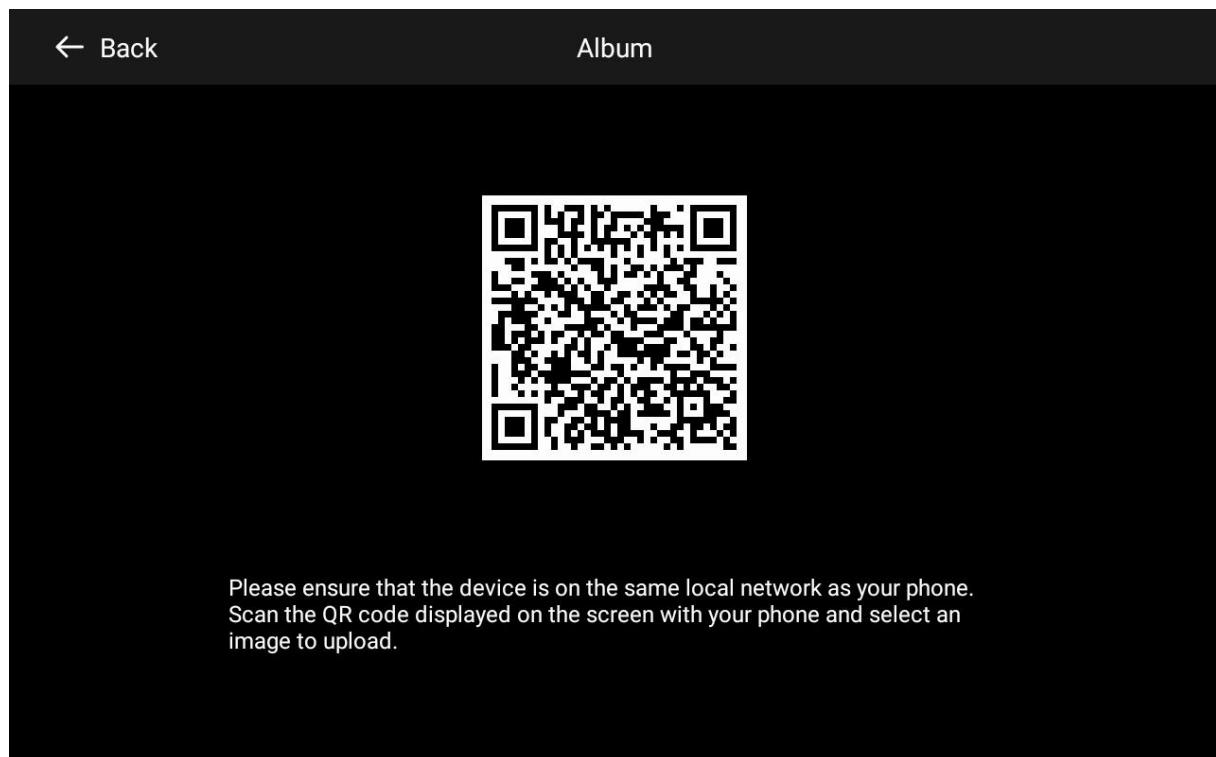


Fig.8.2(2)

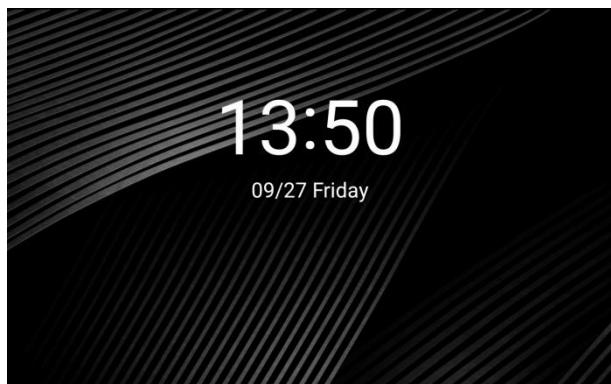


Fig.8.2(3)

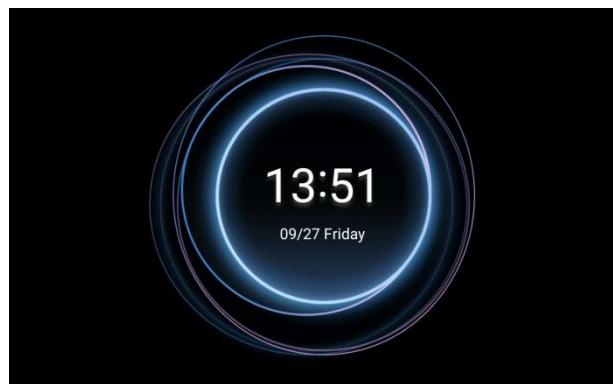


Fig.8.2(4)



Fig.8.2(5)

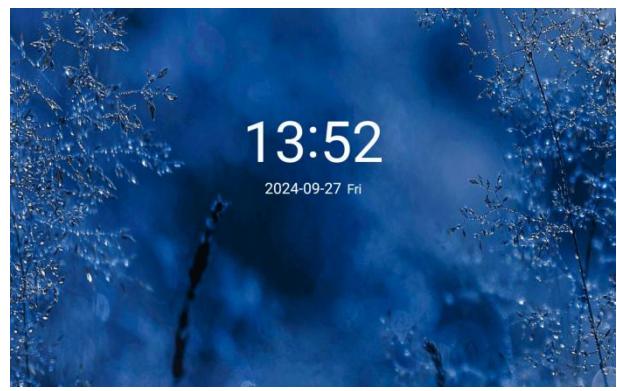


Fig.8.2(6)

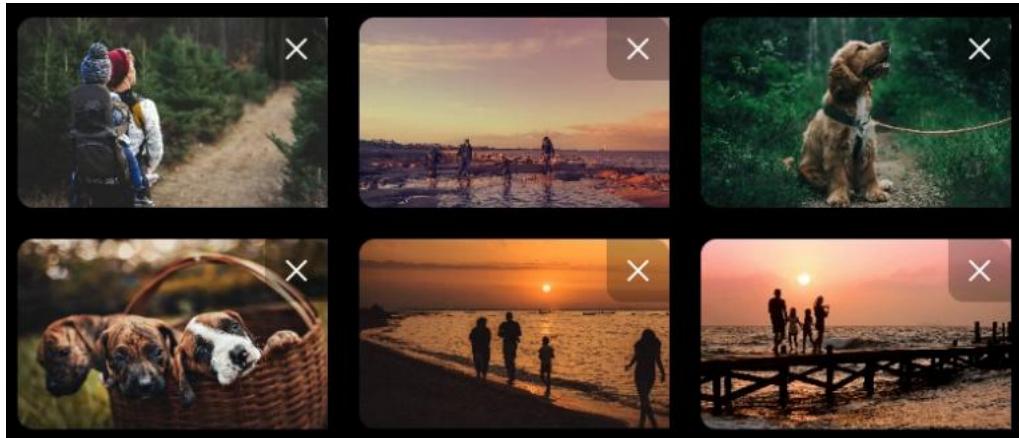


Fig.8.2(7)

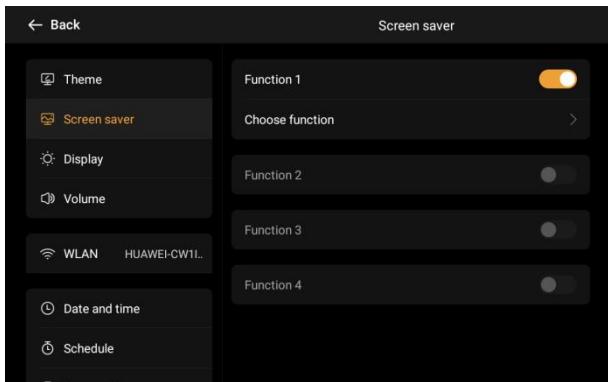


Fig.8.2(8)

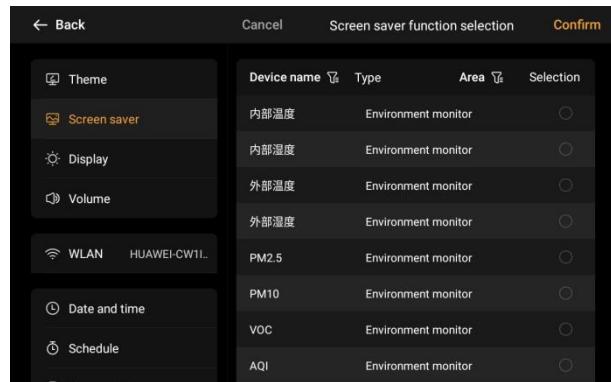


Fig.8.2(9)

(1) Active/inactive screensaver setting.

Icon  indicates active screensaver setting and the page can be touched to operate the screen saver option bar, as shown in Fig.8.2.

Icon  indicates inactive screensaver setting and can no touched to operate the screensaver option bar, as shown in Fig.8.2(1).

(2) Slide the slide bar to set enter screensaver timeout, the optional range is 5~255s.

(3) The digital screensaver, as shown in Fig.8.2(3), dial screensaver, as shown in Fig.8.2(4). Display the current time and date after entering the screensaver.

(4) The weather screensaver, as shown in Fig.8.2(5) Display the current temperature, humidity and UV after entering the screensaver.

(5) The shortcut screensaver, as shown in Fig.8.2(6). 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, as shown in Fig.8.2(8).



Icon  indicates active the function selection. Touch the "Choose function" to select the sensor value in the associated device, as shown in Fig.8.2(9).



Icon  indicates inactive the function selection.

(6) The album screensaver, as shown in Fig.8.2(7), touch to enter the customize album page. The system rotates albums by default, and supports scanning to importing phone or USB.



The first one: import new album through phone. Touch on the icon  , pop up sub-window shown in Fig.8.2(2), scan the QR code to upload pictures.

The uploading method is the same as the add building plan, see section 8.10 for details, there will not be repeated.



The second: Import new album through USB storage, Touch on the icon  to enter USB storage page, touch the desired photos and "Confirm" button to add photos in the album.

### 8.3 Display

The display setting page is shown in Fig.8.5, which allow you to set manual/ automatic adjustment of screen brightness and screen off time.

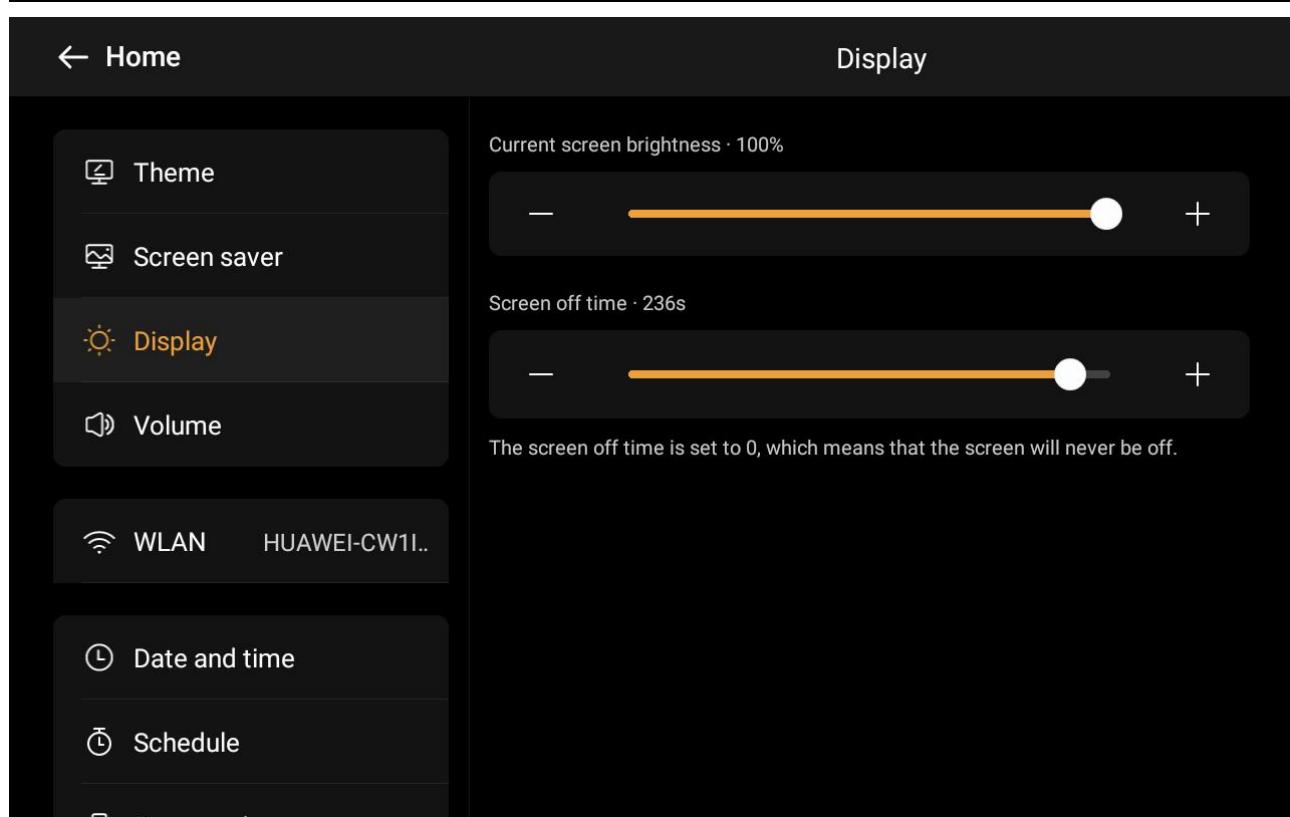


Fig.8.3 Display

(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.

#### 8.4 Volume

The volume setting page is shown in Fig.8.4, which allows you to set system volume and ringtone.

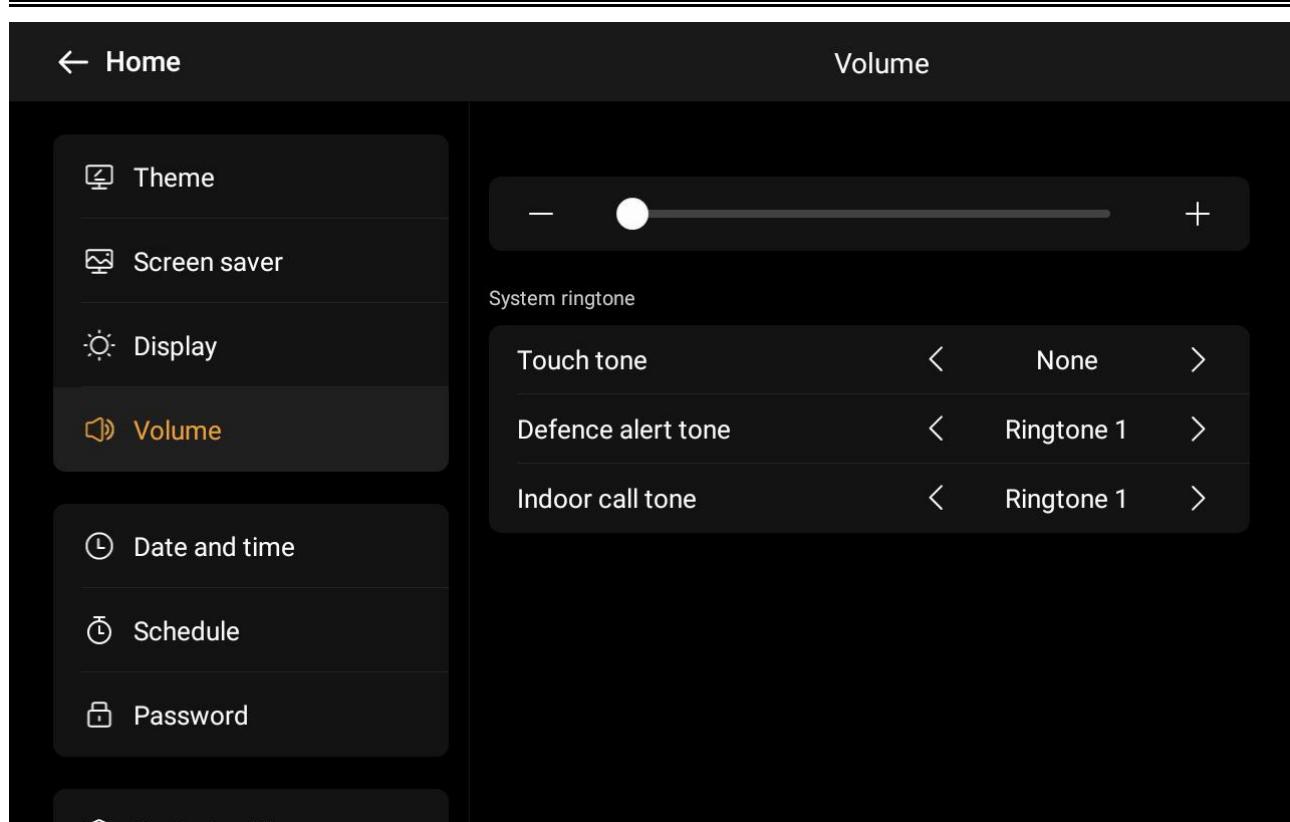


Fig.8.4 Volume

(1) System volume can be manually adjusted from 0~100%.

(2) Set touch tone, defence alert tone and indoor call tone.

## 8.5 WLAN

The WiFi setting page is shown in Fig.8.5, which allows you to choose the wireless network you want to connect to.

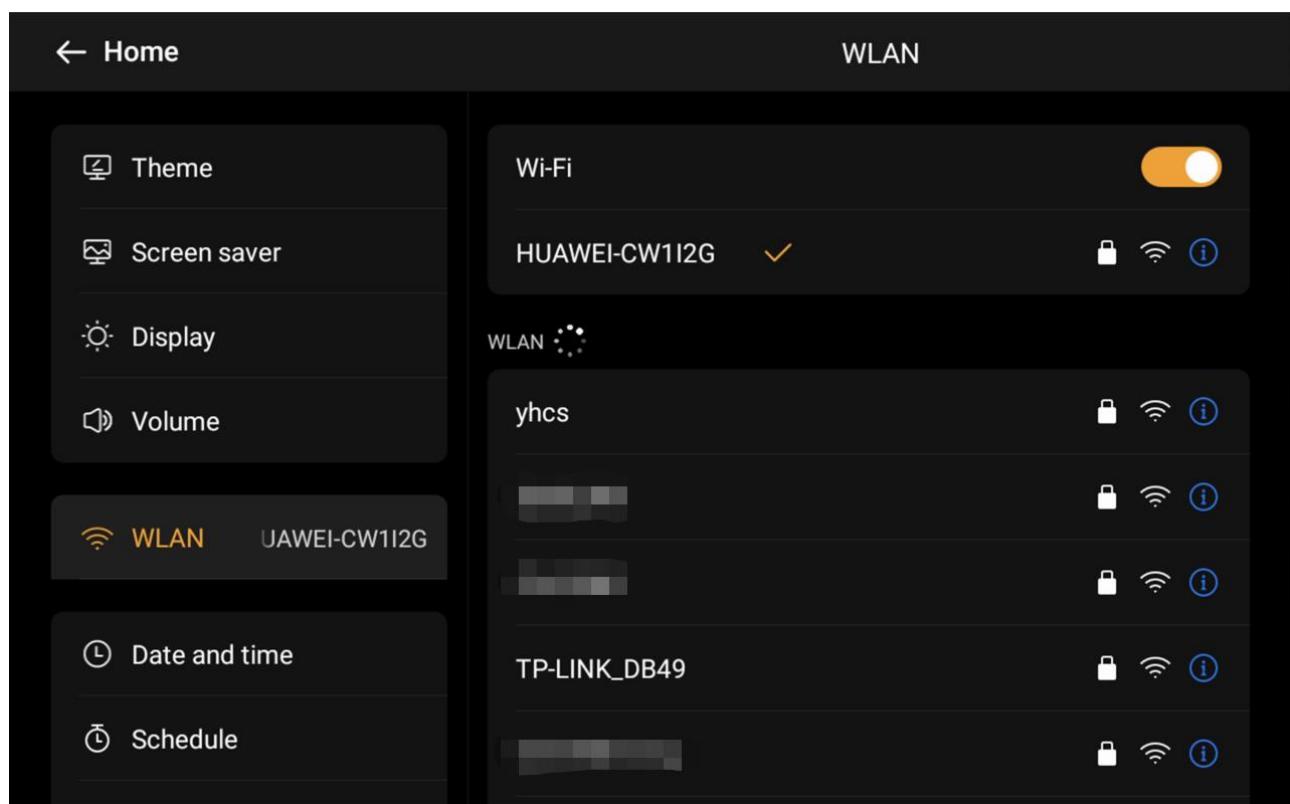


Fig.8.5 WiFi

- (1) Turn the wireless network on or off.
- (2) Click the Connected Network bar to check the signal strength of the current network or ignore it.
- (3) In the list of available networks, select the available network and enter the correct password to connect to the corresponding wireless network.

## 8.6 Date and time

The date and time setting page is shown in Fig.8.6(1), which allows you to set time format, date format, data and time adjustments.

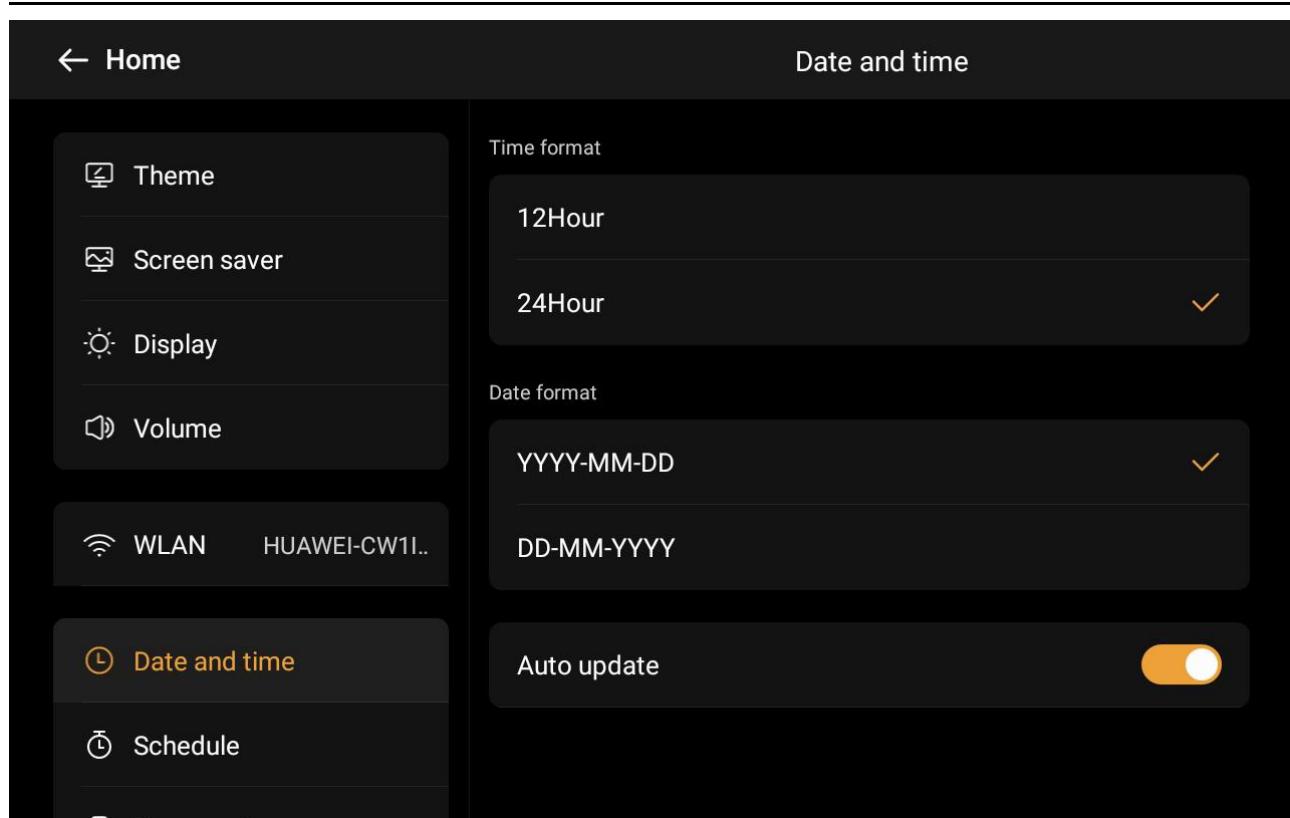


Fig.8.6(1) Date and time

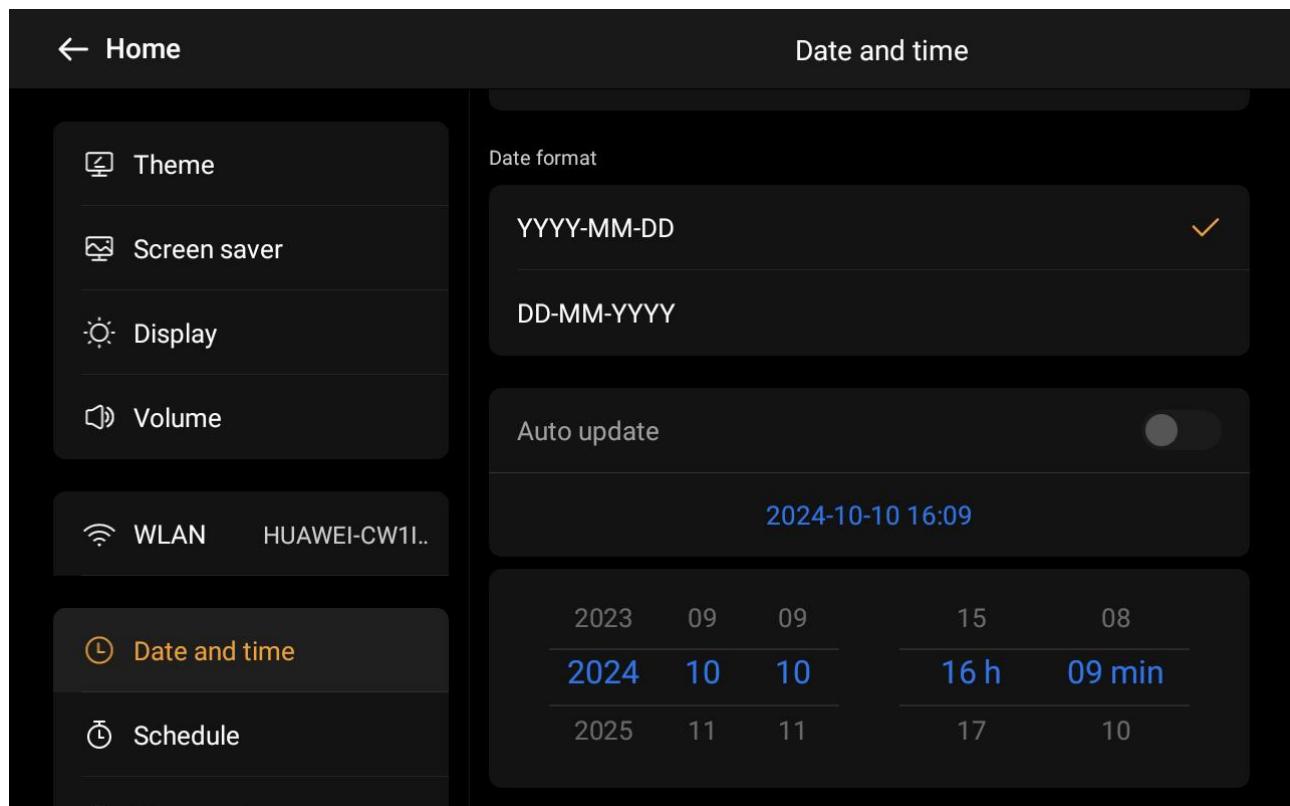


Fig.8.6(2)

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(1) Set the screen display time format to 12-hour or 24-hour.

12Hour: The device time is displayed in 12-hour format.

24Hour: The device time is displayed in 24-hour format.

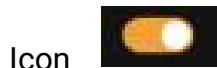
(2) Set the screen display date format to YYYY-MM-DD or DD-MM-YYYY.

YYYY-MM-DD: The device date is displayed in year-month-day format.

DD-MM-YYYY: The device date is displayed in day-month-year format.

(3) Active/inactive auto update.

The device time is automatically synchronized with the network time when it is turned on.



Icon  indicates active auto update. The device time is automatically synchronized with the network.



Icon  indicates inactive auto update. The device time can be customized and selected as shown in Fig.8.6(2).

## 8.7 Schedule

The schedule setting page is shown in Fig.8.7(1), which displays the schedule tasks configured by the ETS and device schedule set locally.

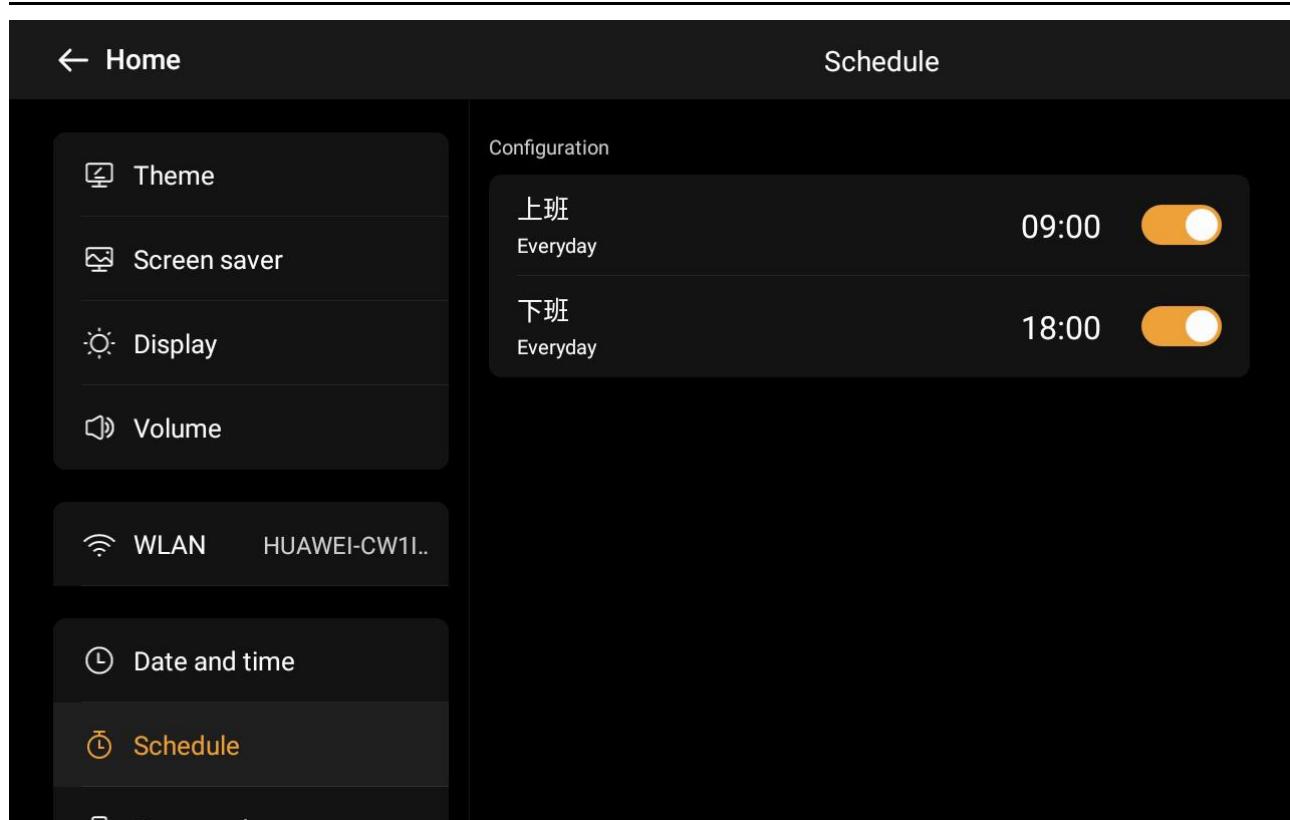


Fig.8.7(1) Schedule

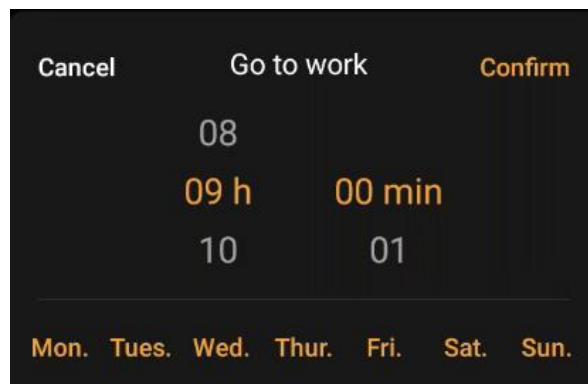


Fig.8.7(2)

(1) 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.

(2)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, as shown in Fig.8.7(2). 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.

## **8.8 Password**

Password function is set up to protect user privacy, divided into two categories: user password and custom password, of which the user password is enabled by default, the default password is 666666, which is used for arming/disarming, call forwarding, revocation of SOS and other occasions.The customized page is set by the user and can be set to: access password, edit password, enter set password and other functions.

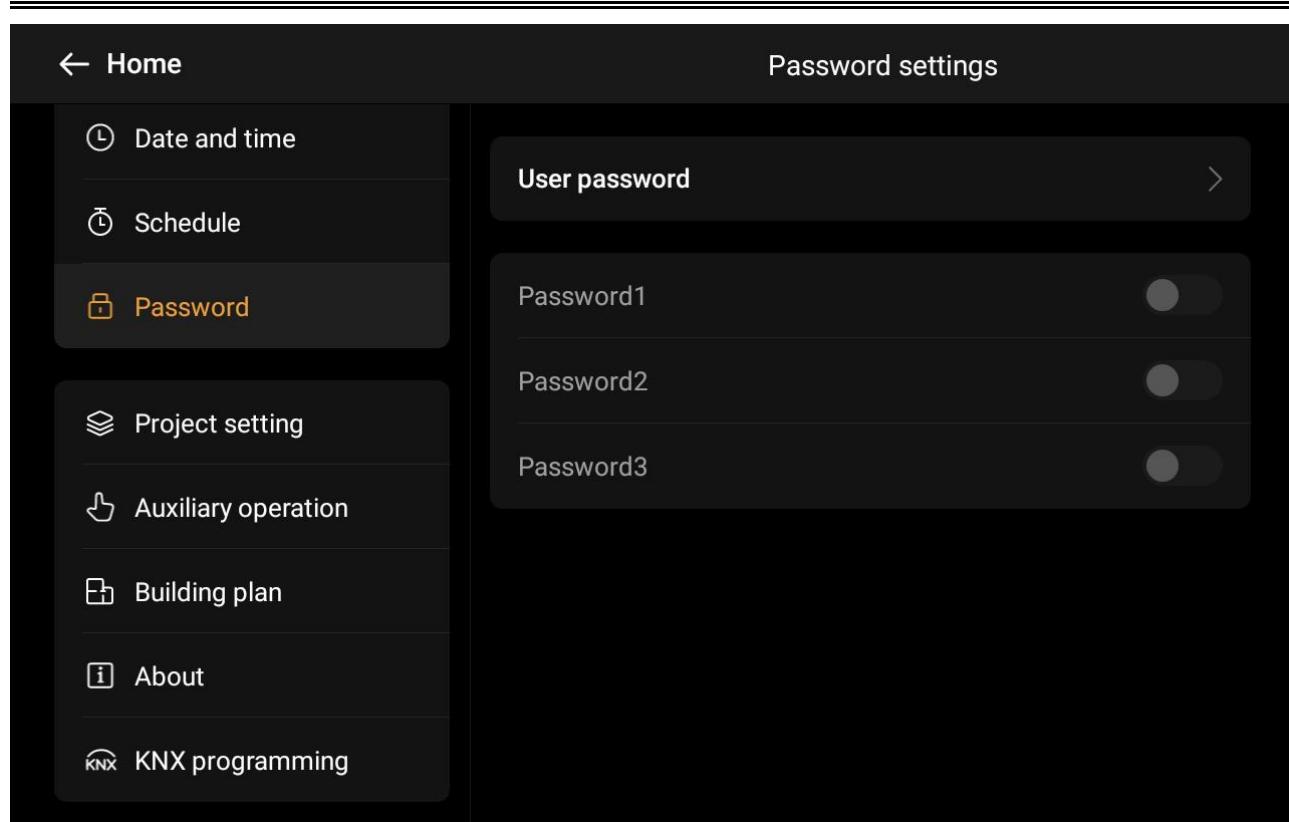


Fig.8.8 Password

## 8.9 Project setting

Enter the project password 801801 to enter the project setting page, as shown in Fig.8.9(1).

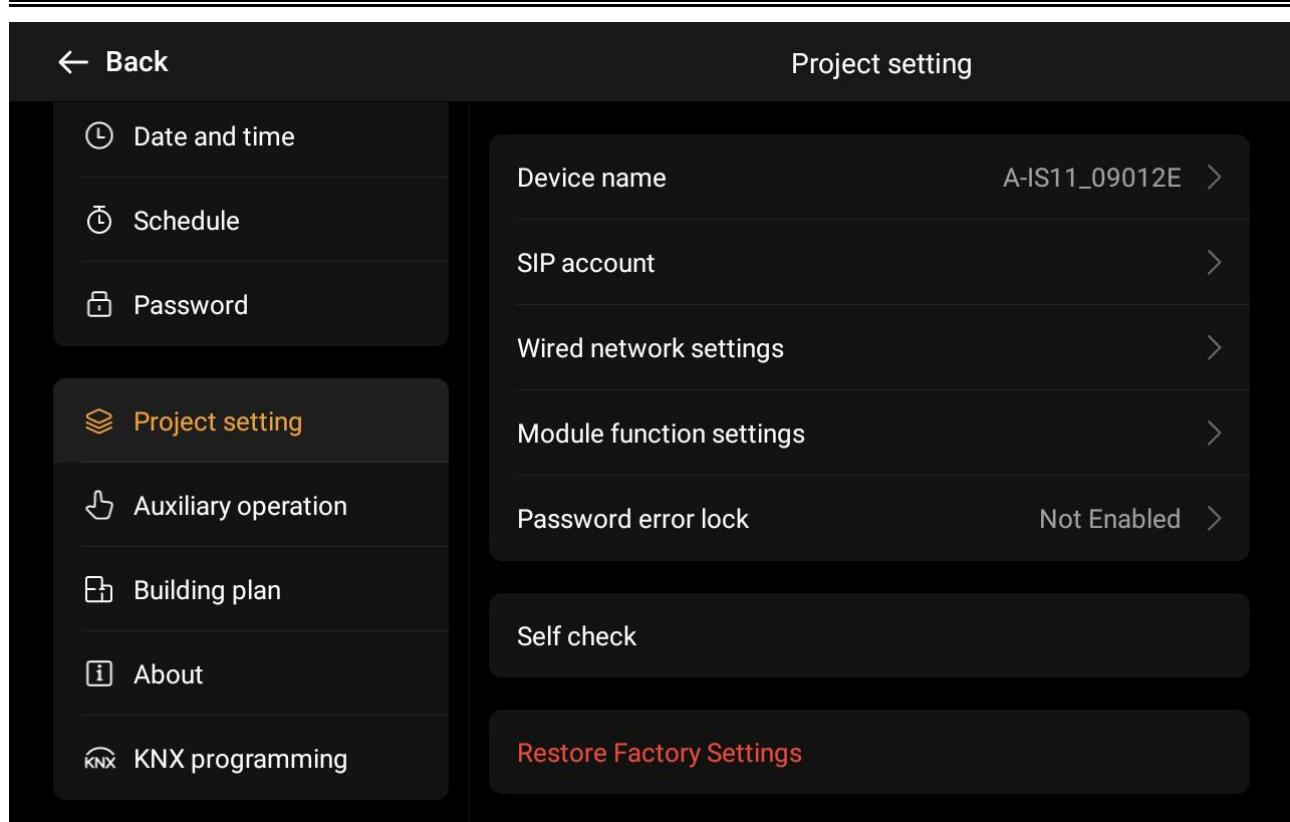
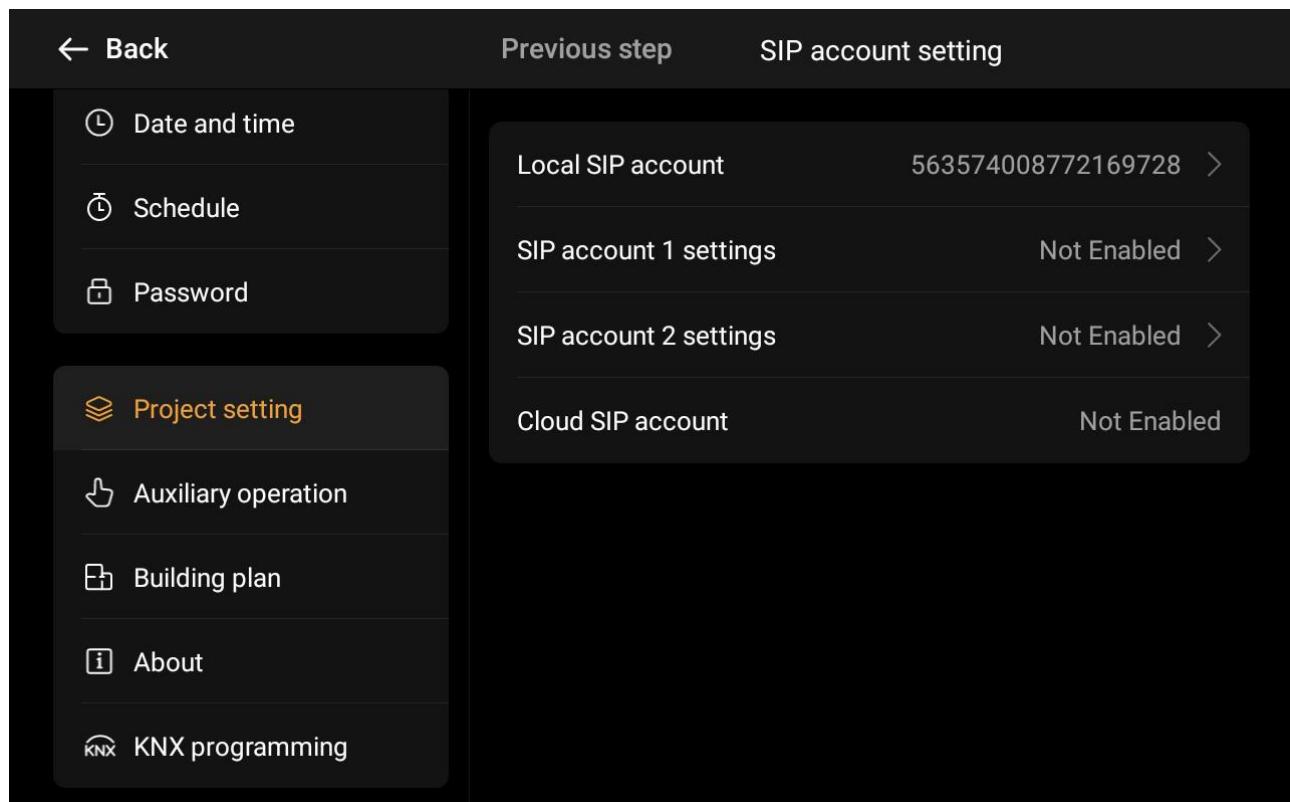


Fig.8.9(1) Project setting



← Back      Previous step      SIP account 1 settings

- ⌚ Date and time
- ⌚ Schedule
- 🔒 Password
- ≣ Project setting**
- 👉 Auxiliary operation
- 🗄 Building plan
- ℹ About
- KNX KNX programming

enable

Username >

Server address >

Server port number >

Login Password >

way of communication >

8.9(2)

← Back      Previous step      **Wired network settings**      **Confirm**

- ⌚ Date and time
- ⌚ Schedule
- 🔒 Password
- ≣ Project setting**
- 👉 Auxiliary operation
- 🗄 Building plan
- ℹ About
- KNX KNX programming

DHCP

IP address	192.168.150.191
Subnet mask	255.255.254.0
Gateway	192.168.150.11
Main DNS	192.168.3.254
Backup DNS	192.168.2.68

8.9(3)

← Back      Previous step      Module function settings

- ⌚ Date and time
- ⌚ Schedule
- 🔒 Password
- ≣ Project setting**
- 👉 Auxiliary operation
- 🗄 Building plan
- ℹ About
- KNX KNX programming

Intercom

Show logo in main page

Note: After turning off a function, the corresponding function will be hidden from the user

8.9(4)

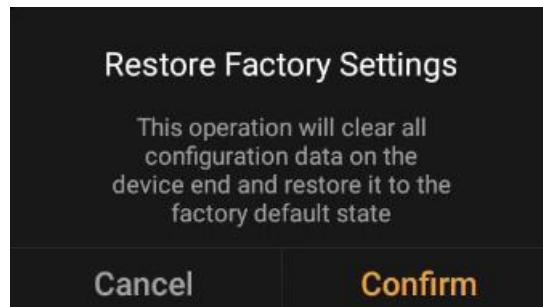
← Back      Previous step      Password error lock

- ⌚ Date and time
- ⌚ Schedule
- 🔒 Password
- ≣ Project setting**
- 👉 Auxiliary operation
- 🗄 Building plan
- ℹ About
- KNX KNX programming

Password error lock

After the password lock is turned on, if you enter the incorrect password 5 times in a row, you will not be able to try again until 5 minutes later.

8.9(5)



8.9(6)

- (1) Displays the device name, which can be customized and modified.
- (2) Setting the local SIP account. You can set up 4 SIP accounts belonging to this device. As shown in Fig.8.9(2).
- (3) DHCP setting. As shown in Fig.8.9(3).
- (4) Turn on/off the device module function, when it is disabled, the related interaction and UI will not be displayed by default. as shown in Fig.8.9(4).
- (5) Active/inactive the password error lock. After the password lock is active, if you enter the incorrect password 5 times in a row, you will not be able to try again until 5 minutes later.
- (6) Touch to restore factory settings, pop up sub-window shown in Fig.8.9(6), touch confirm, it will clear all configuration data on the device and restore it to the factory default state. Please be careful with the operation.

## 8.10 Auxiliary operation

The auxiliary operations are shown in Fig.8.10, which allows you to set the cleaning mode, proximity sensing and the temperature units displayed on the screen.

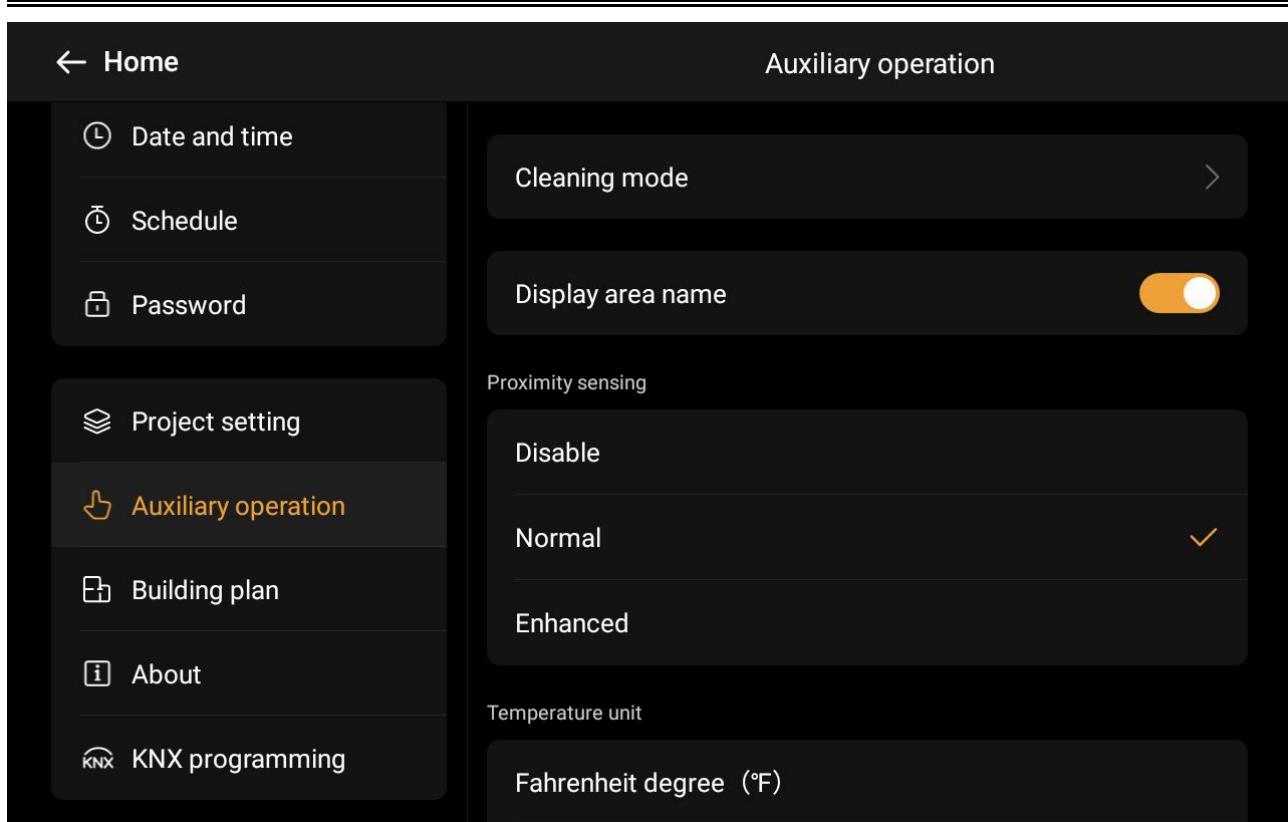


Fig.8.10(1) Auxiliary operations

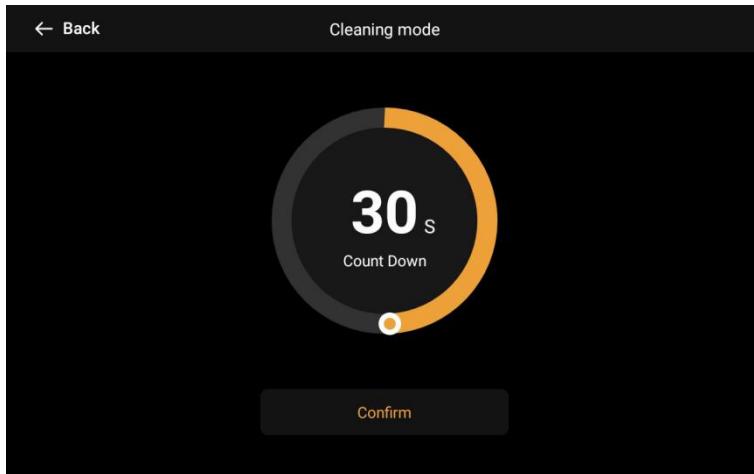


Fig.8.10(2)



Fig.8.10(3)

(1) Touch the "Cleaning mode" to enter the cleaning mode setting page, as shown in Fig. 8.10(2), you can set the countdown time in cleaning mode. The minimum setting time is 5s, the maximum setting time is 60s, and the default setting time is 30s. Touch "Confirm" to enter the cleaning mode countdown page, as shown in Fig. 8.10(3), the countdown ends

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to return to the setup page, and the page is invalid for touching during the countdown period.

(2)Active/inactive vibration.Vibration feedback for touch operation when vibration is active.

(3)Set the distance for proximity sensing.There are three settings:enable, normal, enhanced,which indicate the distance of proximity sensing.

The distance of "Normal" is about 30cm; the distance of "Enhanced" is about 60cm, when the device senses the human body approaching, it wakes up the device and enters into the operation page or the security page.

(4)Set the temperature units displayed on the screen.Select from Fahrenheit degree(°F) or Celsius degree(°C).

## **8.11 Building plan**

The building plan are shown in Fig.8.11,up to 32 areas can be added.

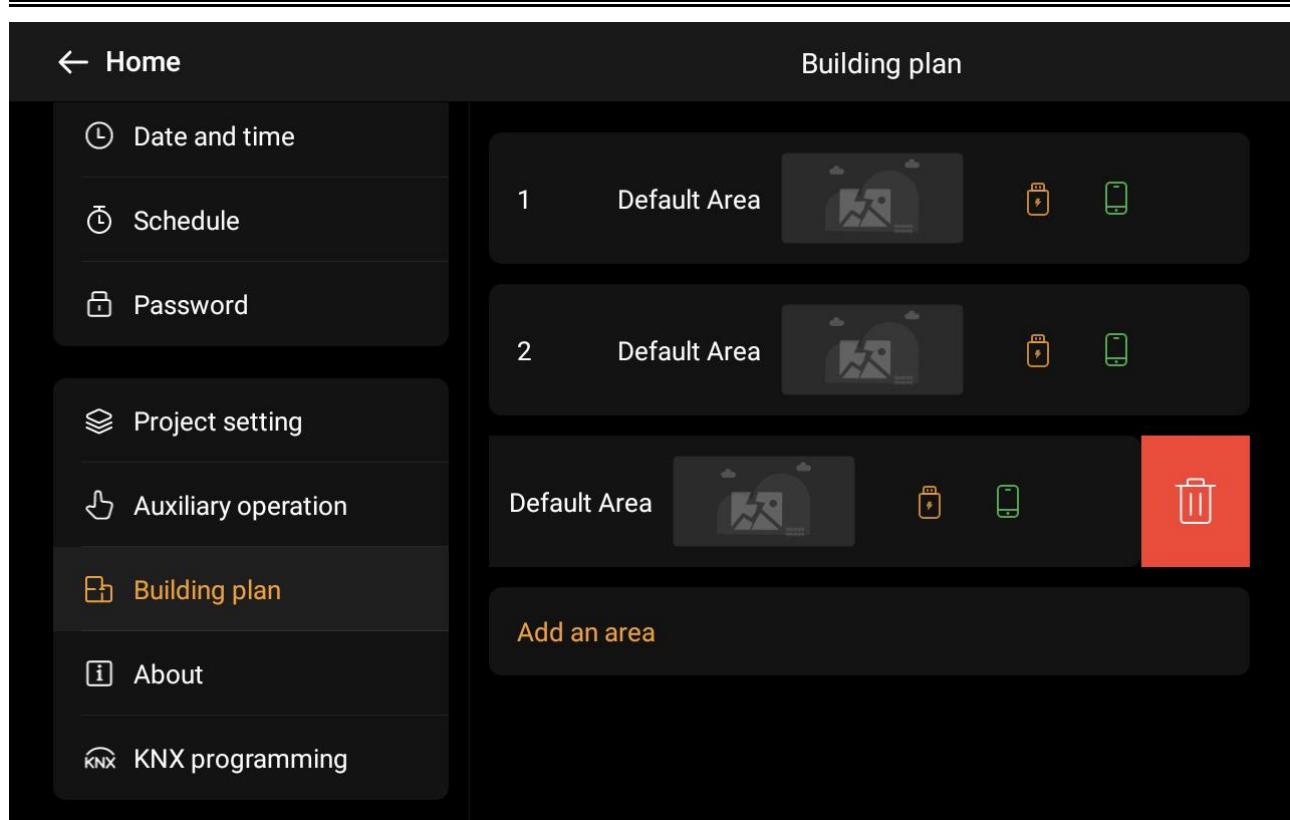


Fig.8.11 Building plan

(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.

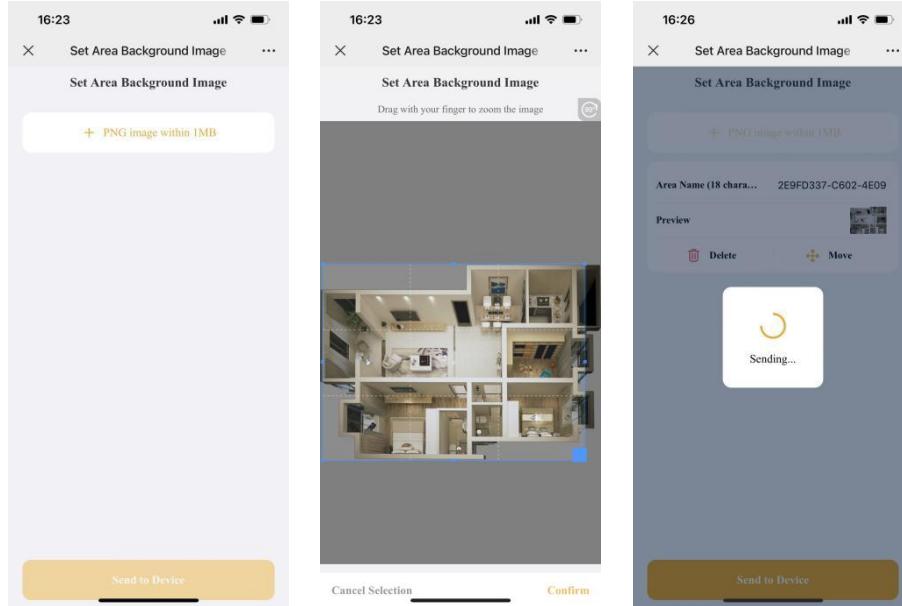
The way to upload a building plan is as follows:

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:



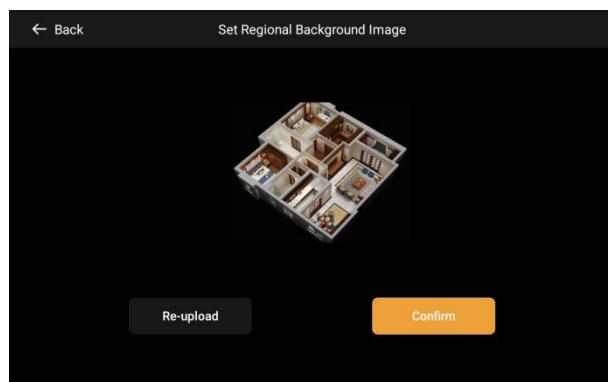
Range setting-QR code

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":



Device receipt floor plan

## 8.12 About

Detailed system information for this device is shown in Fig.8.12.

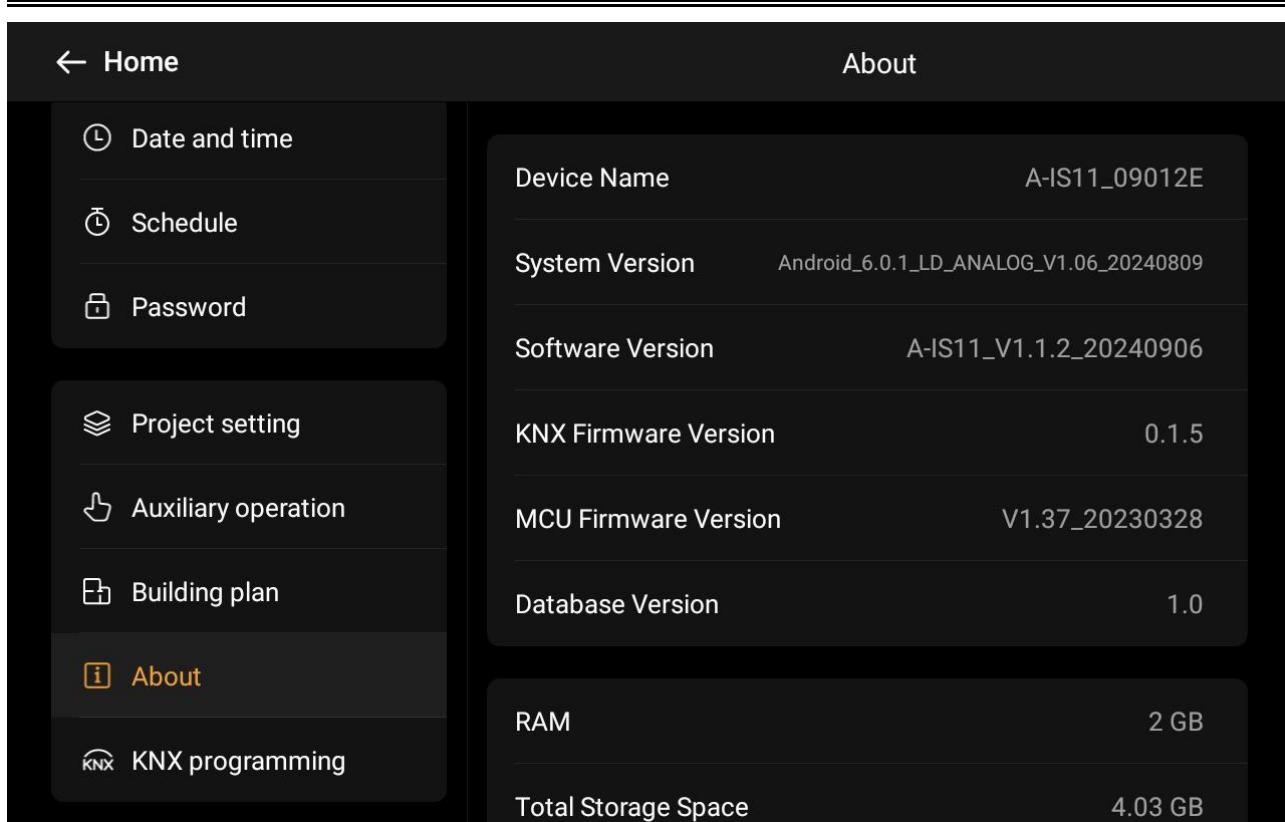


Fig.8.12 About

- (1)Display Device Name, System Version, Software Version, KNX Firmware Version, MCU Firmware Version, Database Version.
- (2)Display RAM, Total Storage Space, Remaining Storage Space.
- (3)Display Resolution: 1280\*800
- (4)Display MAC address
- (5)Display KNX SN Code.
- (6)Displays the LAN, Mask, Gateway, DNS1 and DNS2 addresses when connecting to the wired network, which can also be customized through "Project Settings" - "Wired network settings".
- (7)Displays the WLAN, Mask, Gateway, DNS1, and DNS2 addresses when connecting to a WLAN.

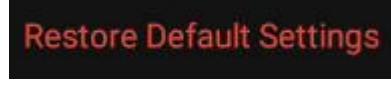
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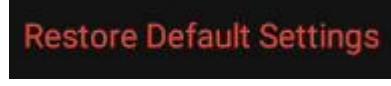
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(8)Display LAN SIP Account, LAN SIP Account, SIP Account 1, SIP Account 2, Cloud SIP Account, Device Center Address, Device ID. Among others, SIP Account and Device ID can be customized through "Project Settings"- "SIP Account".

Reboot

(9)Touch icon  and confirm,5s later reboot.

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.

### 8.13 KNX programming

The KNX programming are shown in Fig.8.13, which turn on/off the KNX programming , and below it displays the physical address of the device, which can be set via the ETS.

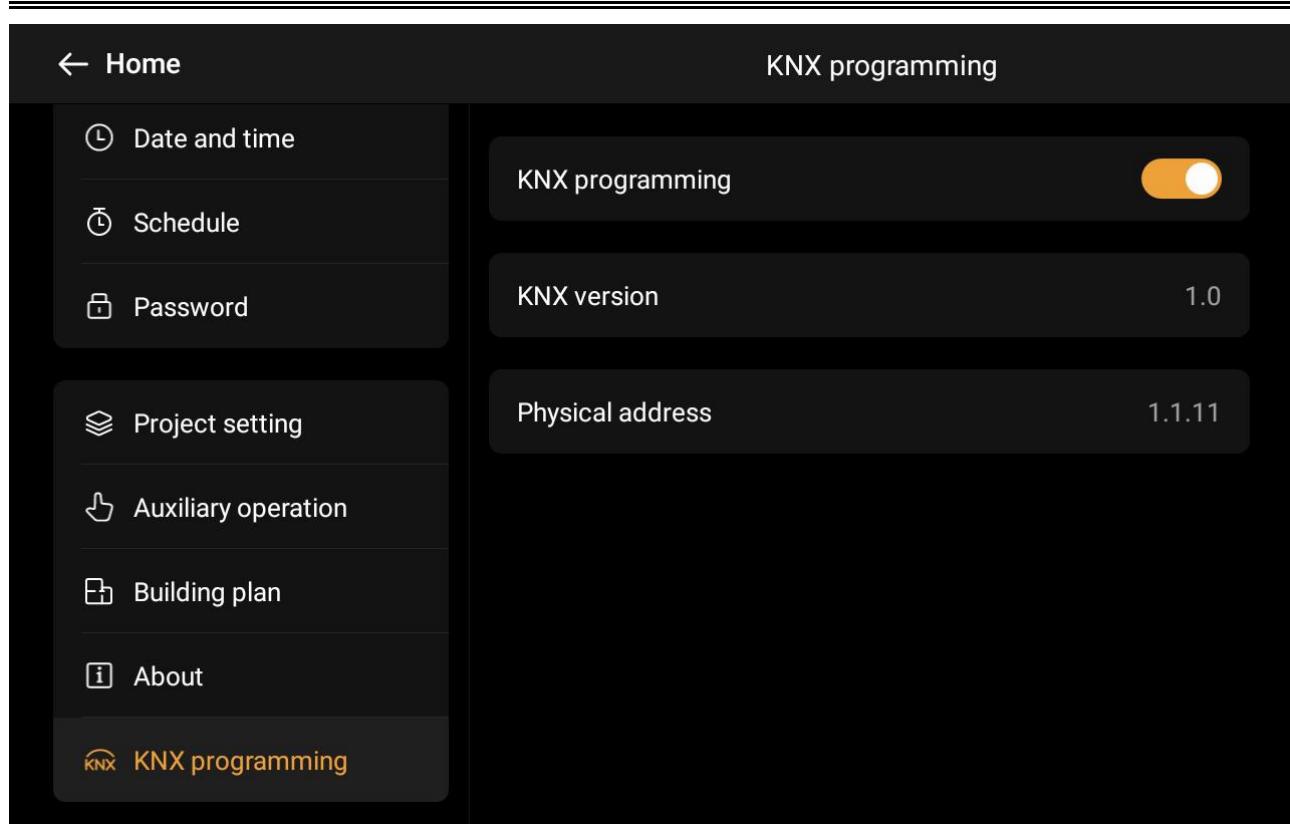


Fig.8.13 KNX programming

## Chapter 9 Icon list

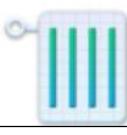
### 9.1 Icon for device page

#### 9.1.1 Theme 1 device icons

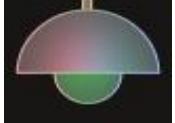
ETS options	Icon
<b>General light</b>	
<b>Ceiling light</b>	
<b>Downlight</b>	
<b>Walllight</b>	
<b>Spotlight</b>	
<b>Chandelier</b>	
<b>Floor light</b>	
<b>LED strip</b>	
<b>RGB light</b>	

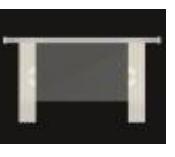
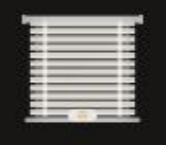
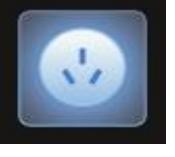
ETS options	Icon
<b>Curtain</b>	
<b>Roller blind</b>	
<b>Venetian blind</b>	
<b>TV</b>	
<b>Audio</b>	
<b>Socket(CHN)</b>	
<b>Socket(EU)</b>	
<b>Fan</b>	
<b>Lock1</b>	

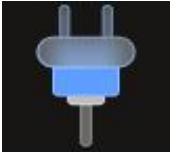
Lock2		FIRE	
Power 1		Water Sensor	
Power 2		Gas Sensors	
Window 1		Sensor 1	
Window 2		Sensor 2	
Alarm		Temperature 1	
Projector		Temperature 2	
Multimedia		Humidity	
Presence		PM2.5	
Infrared Sensor		PM10	
Door Sensor		CO2	
VESDA		VOC	

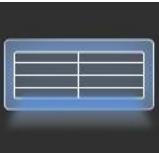
<b>Brightness</b>		<b>Air conditioner 3</b>	
<b>Wind speed</b>		<b>Heating</b>	
<b>Rain</b>		<b>Cooling</b>	
<b>Energy</b>		<b>Heating/Cooling</b>	
<b>I/O signal</b>		<b>Music 1</b>	
<b>Electronic heating</b>		<b>Music 2</b>	
<b>Water heating</b>		<b>Ventilation</b>	
<b>Air conditioner 1</b>		<b>AQI</b>	
<b>Air conditioner 2</b>			

### 9.1.2 Theme 2 device icons

ETS options	Icon
<b>General light</b>	
<b>Ceiling light</b>	
<b>Downlight</b>	
<b>Walllight</b>	
<b>Spotlight</b>	
<b>Chandelier</b>	
<b>Floor light</b>	
<b>LED strip</b>	
<b>RGB light</b>	

ETS options	Icon
<b>Curtain</b>	
<b>Roller blind</b>	
<b>Venetian blind</b>	
<b>TV</b>	
<b>Audio</b>	
<b>Socket(CHN)</b>	
<b>Socket(EU)</b>	
<b>Fan</b>	
<b>Lock1</b>	

Lock2		Door Sensor	
Power 1		VESDA	
Power 2		FIRE	
Window 1		Water Sensor	
Window 2		Gas Sensors	
Alarm		Sensor 1	
Projector		Sensor 2	
Multimedia		Temperature 1	
Presence		Temperature 2	
Infrared Sensor		Humidity	

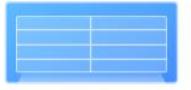
PM2.5		Air conditioner 1	
PM10		Air conditioner 2	
CO2		Air conditioner 3	
VOC		Heating	
Brightness		Cooling	
Wind speed		Heating/Cooling	
Rain		Music 1	
Energy		Music 2	
I/O signal		Ventilation	
Electronic heating		AQI	
Water heating			

### 9.1.3 Theme 3 device icons

ETS options	Icon
General light	
Ceiling light	
Downlight	
Walllight	
Spotlight	
Chandelier	
Floor light	
LED strip	
RGB light	

ETS options	Icon
Curtain	
Roller blind	
Venetian blind	
TV	
Audio	
Socket(CHN)	
Socket(EU)	
Fan	
Lock1	

Lock2		Door Sensor	
Power 1		VESDA	
Power 2		FIRE	
Window 1		Water Sensor	
Window 2		Gas Sensors	
Alarm		Sensor 1	
Projector		Sensor 2	
Multimedia		Temperature 1	
Presence		Temperature 2	
Infrared Sensor		Humidity	

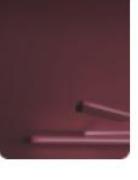
PM2.5		Air conditioner 1	
PM10		Air conditioner 2	
CO2		Air conditioner 3	
VOC		Heating	
Brightness		Cooling	
Wind speed		Heating/Cooling	
Rain		Music 1	
Energy		Music 2	
I/O signal		Ventilation	
Electronic heating		AQI	
Water heating			

## 9.2 Icon for scene page

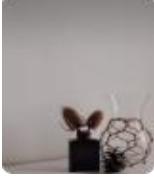
### 9.2.1 Theme 1 scene icons

ETS options	Icon
General scene 1	
General scene 2	
General scene 3	
General scene 4	
General scene 5	
All on	
All off	

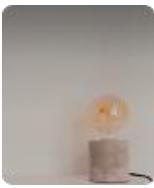
ETS options	Icon
Go home 1	
Leave home 1	
Go home 2	
Leave home 2	
Welcome	
Dinner	
Party	

<b>Sleeping</b>		<b>Security</b>	
<b>Wake up</b>		<b>Conference</b>	
<b>Reading</b>		<b>Relax</b>	
<b>Media</b>		<b>Romantic</b>	
<b>Cleaning</b>		<b>Play</b>	
<b>Economy</b>			

### 9.2.2 Theme 2 scene icons

ETS options	Icon
General scene 1	
General scene 2	
General scene 3	
General scene 4	
General scene 5	
All on	
All off	
Sleeping	

ETS options	Icon
Go home 1	
Leave home 1	
Go home 2	
Leave home 2	
Welcome	
Dinner	
Party	
Security	

Wake up		Conference	
Reading		Relax	
Media		Romantic	
Cleaning		Play	
Economy			

### 9.2.3 Theme 3 scene icons

ETS options	Icon
General scene 1	
General scene 2	
General scene 3	
General scene 4	
General scene 5	
All on	
All off	
Sleeping	

ETS options	Icon
Go home 1	
Leave home 1	
Go home 2	
Leave home 2	
Welcome	
Dinner	
Party	
Security	

Wake up		Conference	
Reading		Relax	
Media		Romantic	
Cleaning		Play	
Economy			