

# User Manual

## Indoor Station



## S Series Digital System Indoor Monitor

User Manual\_V1.0

Model No.: SIA02



# Attentions

1、 Please keep devices away from strong magnetic field , high temperature , wet environment ;



2、 Please do not fall the devices to the ground or make them get hard impact ;



3、 Please do not use wet cloth or volatile reagent to wipe the devices ;



4、 Please do not disassemble the devices.

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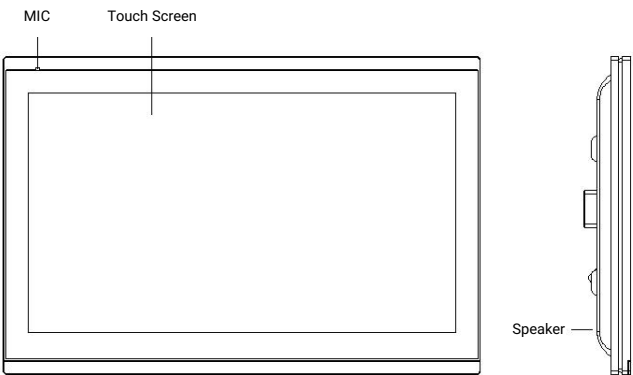
# **Chapter 1    Function Review**

This product based on SIP protocol, is the main device for the S series video door phone system, it supports video phone, unlocking, monitoring. Details of the device are as follows:

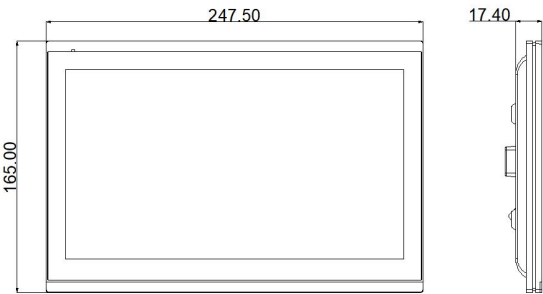
- **10.1' capacitive touch screen**
- **Support custom wallpaper and screensaver**
- **Support real time surveillance to outdoor/villa station, IP camera**
- **Support multi - indoor monitor in one apartment**
- **Support the blacklist and whitelist function to intercept unfamiliar call**
- **New missed call assistant function,support automatically answer calls from visitors, play local recording, and record voice messages from visitors**
- **Support RS485 smart home**
- **Support video chat between residents and visitors/guard unit**
- **Support voice intercom between residents in the same community and other indoor monitors in the same flat**
- **Standard 8 defense zones**
- **Support call forwarding**
- **Support broadcast**

# Chapter 2    Product Introduction

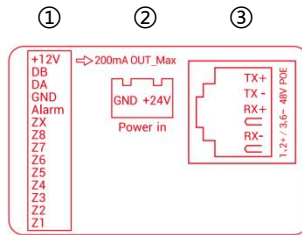
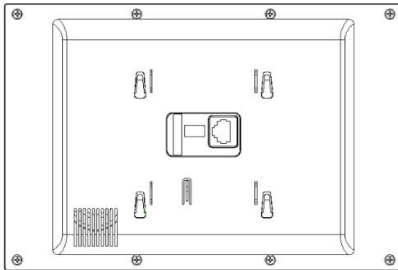
## 2.1 Product Appearance



## 2.2 Product Dimension



## 2.3 Interface Introduction



### Number①

+12V、GND: defense area detector power terminal (currents≤200mA);

DB、DA: RS485 interface;

Alarm: alarm output interface(reserved);

Z8: doorbell function as default;

Z7 to Z1: standard defense area interface, support normal open/close security module.

### Number②

External power input: DC 24 V.

### Number③

Network Port (support standard 48V PoE Switch, power with1、 2/3、 6).

**NOTE:** The installation bracket of indoor monitor is not align to the middle of the device rear interface.

## 2.4 Parameter

Working Voltage: DC 24V

Device Quiescent Current:  $\leq 80$  mA

Device Working Current:  $\leq 300$  mA

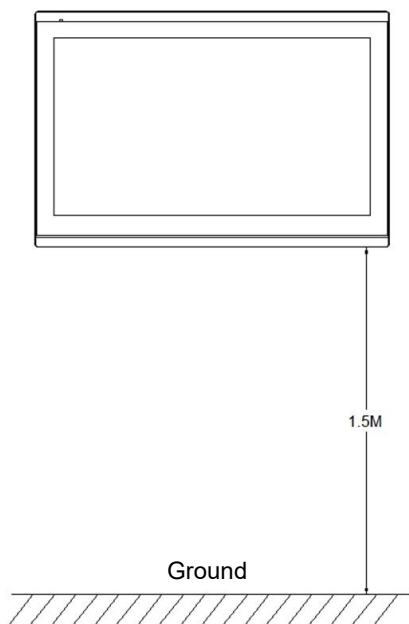
Screen Size: 10.1 inch

Resolution: 1024 × 600

Appearance Dimension (L × W × D): 247.5 × 165 × 17.4mm

Environment Temp.: -10°C ~ +45°C

## 2.5 Installation height



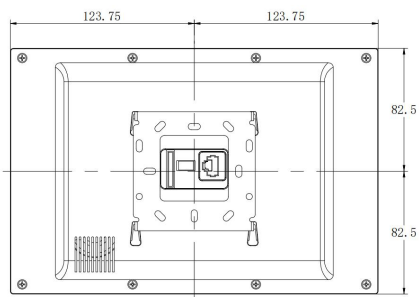
Suggestion Installation Height: 1.5m



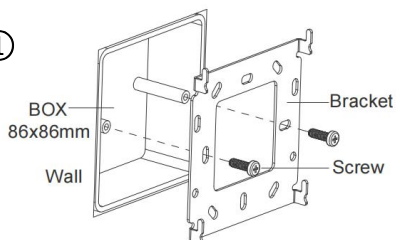
## Installation Instruction

Step 1: Aim the bracket screws to the holes on the 86\*86 installation box and fasten the bracket.

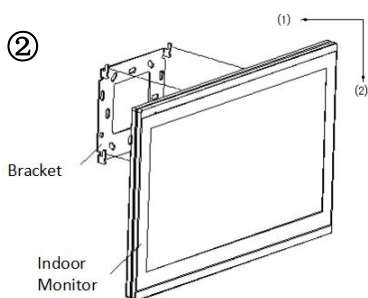
Step 2: Wire the indoor station, then aim the bracket at the bracket holes on the back of the indoor station (as of ②), when all four holes are aimed, lightly push down the monitor vertically (as of ③), thereupon you will hear a slight crack sound, the device is then properly installed (as of ④).



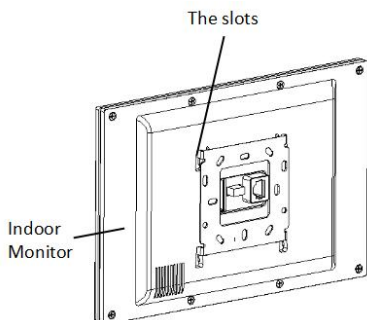
①



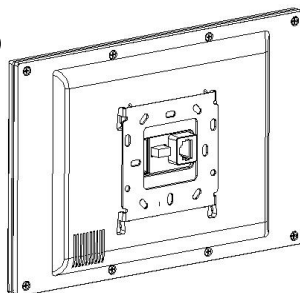
②



③

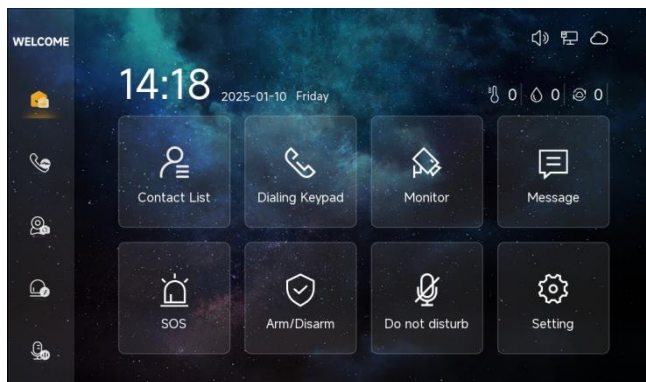


④




# Chapter 3 Basic Function

## 3.1 Standby Interface




*Standby Interface*

### Contact List

Press  to call all contacts in the resident list and check the details of each contact.


### Dialing Keypad

Press  to dial on the keypad, call Indoor Monitor, Outdoor Station and Guard Unit.


### Monitor

Press  to monitor Outdoor/Villa Station, Gate Station, IP camera.

### Message

Press  to view the announcements issued to this device by the management platform.

### SOS


Long press  to send an SOS alarm message to the management center,

management platform, and APP. When in SOS or zone alarm mode, all other functions are locked and only disarming actions can be performed.


### **Arm/Disarm**

Press  to perform arming or disarming operations.

### **Do Not Disturb**


Press  to turn on the DND function and mute the ringing tone.

### **Setting**


Press  to enter Setting page.

## **Sidebar**

### **Standby Interface**

Press  to enter standby interface, select the corresponding icon to go to the function page.


### **Call**

Press  to enter call page, set top contacts, resident list, call record, black/white list, and contacts.


### **Monitor**

Press  to monitor outdoor/villa station, Gate Station, IP camera.


### **Security & Alarm**

Press  to enter the security & alarm interface to view alarm records and set arming/disarming and security settings.


### **Voice Message**

Press  to enter message setting, view and delete visitors and local messages, and enable the missed call assistant function.

### **Message**

Press  to view the announcements issued to this device by the management platform.


### **Broadcast**

Press  to broadcast to other devices within the channel.

### **Smart Home**

Press  to enter the Smart Home interface to control scene and sub-devices.

### **Setting**


Press  to enter Setting page.

# 3.2 Call

## 3.2.1 Top Contacts



Top Contacts Interface

In the resident list, press to enter the details page of a contact, and press  to add the contact to top contacts for short calling.

## 3.2.2 Contact List

The resident list displays the networked devices discovered after automatic configuration is enabled, the devices imported from the resident list, and the devices manually added.



Resident List Interface




Indicates the online devices on the same network segment discovered by the device;

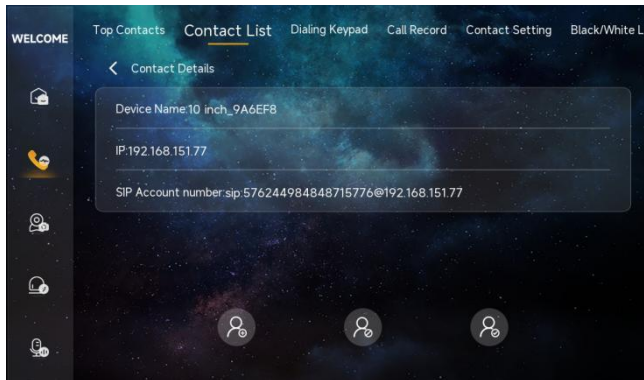


Indicates that the devices on the same network segment discovered by the device are currently offline;





Indicates the device delivered from the resident list and the device manually added by the user, that is, the local device;


Press  to enter the contact details interface, which displays information about the current contact, such as the device name, IP address, local SIP account, SIP account 1, and SIP account 2.



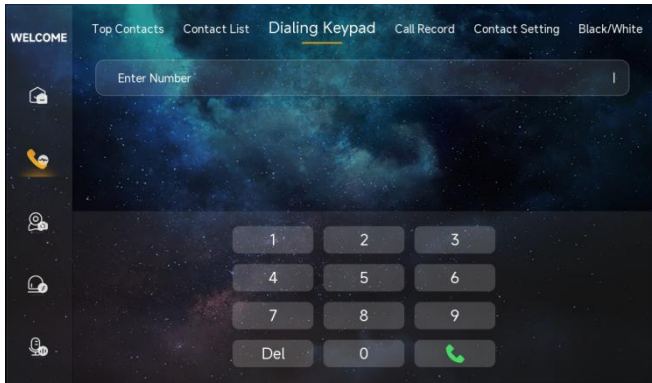
*Contact Details Interface*

Press  to add the current contact to top contacts.

Press  to add the current contact to black list.

Press  to add the current contact to white list.

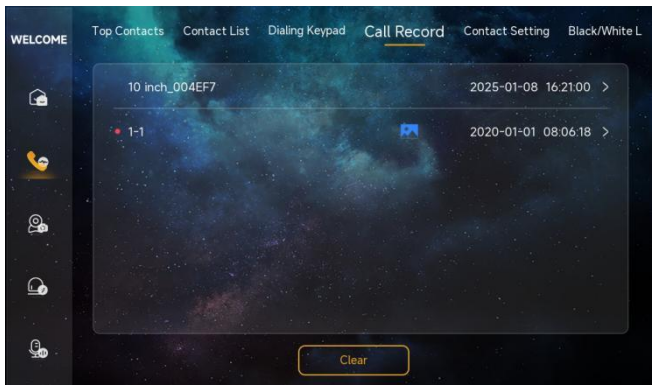
### 3.2.3 Dialing Keypad



*Dialing Keypad Interface*

Enter the user name of the SIP account corresponding to the device to dial to the device. For example, if you enter 000100011 for the SIP account sip:000100011@192.168.150.100:8060, the dial is connected.

### 3.2.4 Call Record

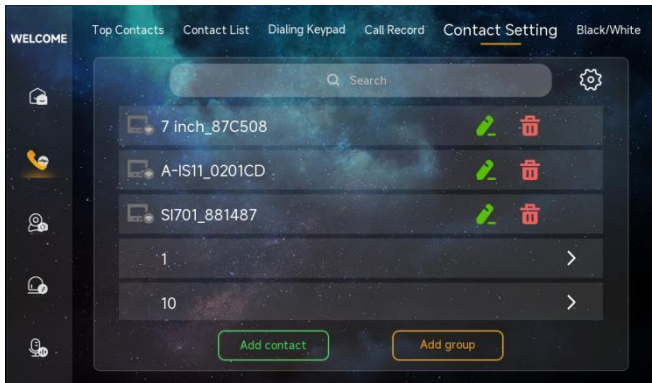


*Call Record Interface*

The call records between other devices and the local device are displayed. Unread call records are displayed with a red dot. Call record for which a photo has been taken have a photo icon.

3.2.5 Contact Setting

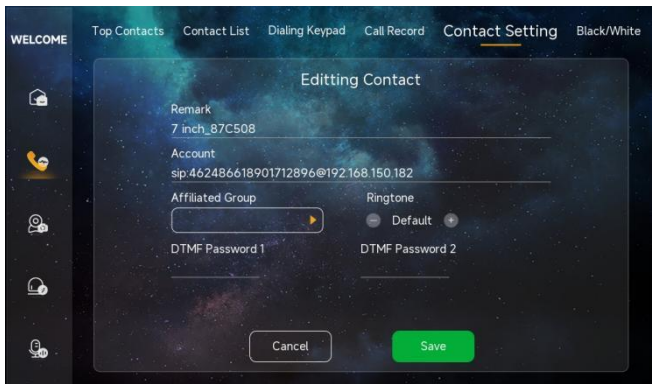
Support editing, adding, and deleting contacts or groups in the resident list.



Contact Setting Interface

Support editing remark, affiliated group, ringtone, and DTMF password for automatically discovering.

Support editing remark, ringtone, and DTMF password for delivering contacts from the resident list.



Edit Contact Interface

To add a contact, need to enter contact remark, SIP account, select a affiliated group, and select ringtone. (If the device has the access control function, you also need to enter the DTMF unlocking password corresponding to the device).



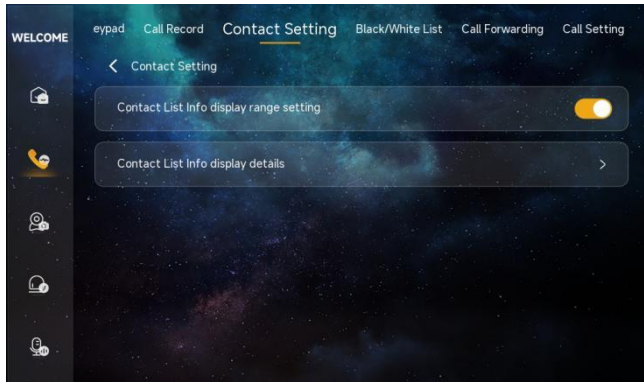
*Add Contact Interface*

To add a group, need to enter the group name and select the affiliated group (if do not select a group, need to create a group).

*Add Group Interface*

Support deleting manually added devices and groups, as well as devices discovered in auto configuration mode (offline).

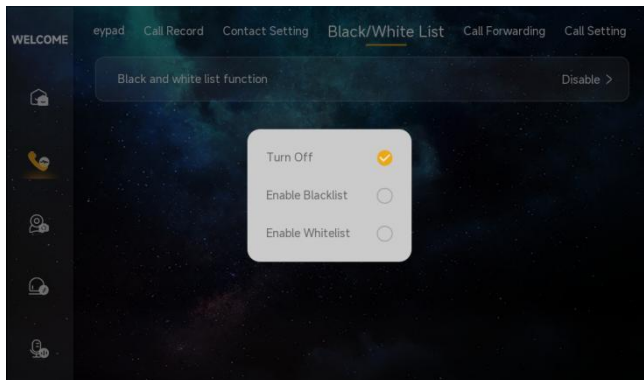
Contact List Info display range setting: After enabling, the contact list will only display the selected contacts.



*Contact List Info display range setting Interface*

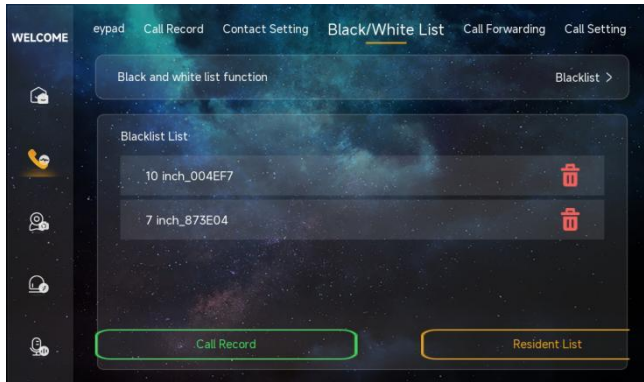
### 3.2.6 Black/White List

Select Not turned on, Enable Blacklist, and Enable Whitelist.



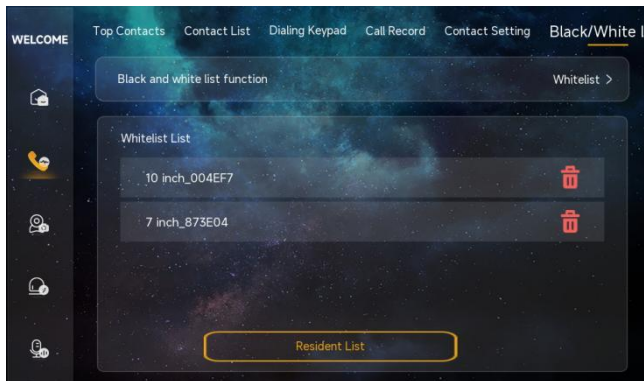
*Black/White List Interface*

After the blacklist is enabled, support adding contacts from the call record or resident list. The blacklisted contact cannot make calls to the local device.



*Black List Interface*

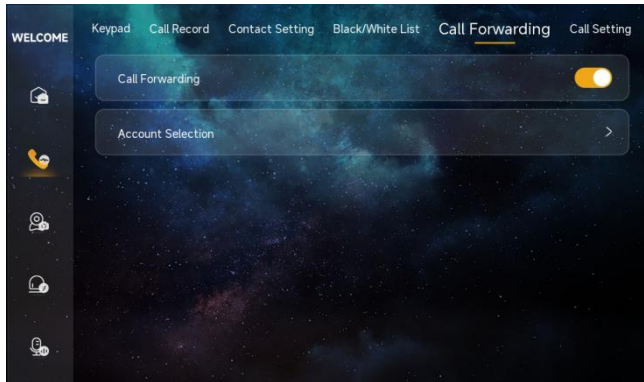
After the whitelist is enabled, support adding contacts from the resident list. Only whitelisted contacts can make calls to the device.



*White List Interface*

### 3.2.7 Call forwarding

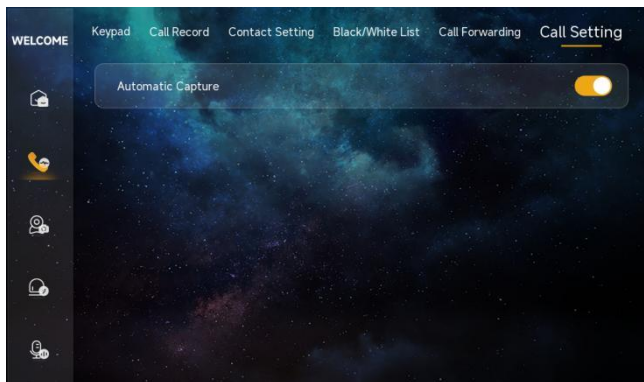
After enabling, you need to select an account. Once an account is selected, calls from other devices to this device will be transferred to the selected account.



*Call Forwarding Interface*

### 3.2.8 Call Setting


**Auto Capture:** After enabling, when a call is made, the device will automatically capture 1 photo after 3 seconds of ringing and save it to the call log.



*Call Setting Interface*

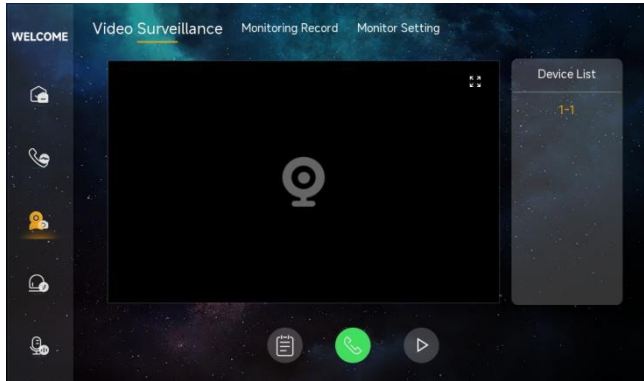
## 3.3 Video Surveillance

### 3.3.1 Video Surveillance interface

enter the video surveillance interface, select the device that you want to monitor in the device list on the right. Press  start monitoring, press on the upper right corner



to get full interface monitoring.



*Video Surveillance Interface*

### 3.3.2 Monitoring Record

A snapshot taken during monitoring generates a monitoring record.

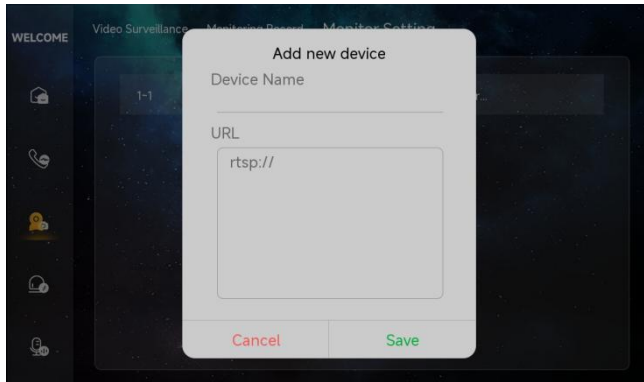


*Monitoring Record Interface*

### 3.3.3 Monitoring Setting

Monitoring Settings support checking all monitored URL address.

Add new device: enter the device name and URL.



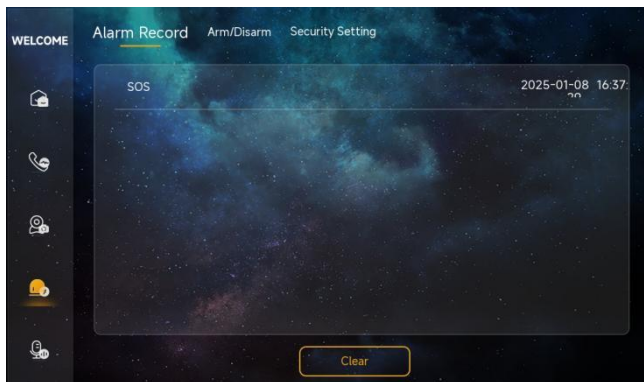
*Add New Device Interface*

## 3.4 Security & Alarm

### 3.4.1 Alarm Record

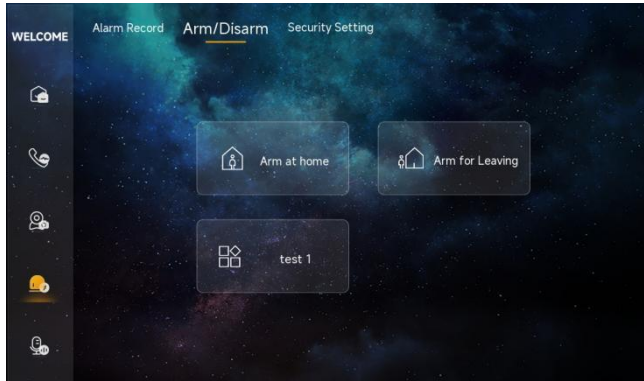
Display the alarm records of this device, with a maximum storage of 200 records.

Unread alarm records will be indicated with a red dot.



*Alarm Record Interface*

### 3.4.2 Arm/Disarm

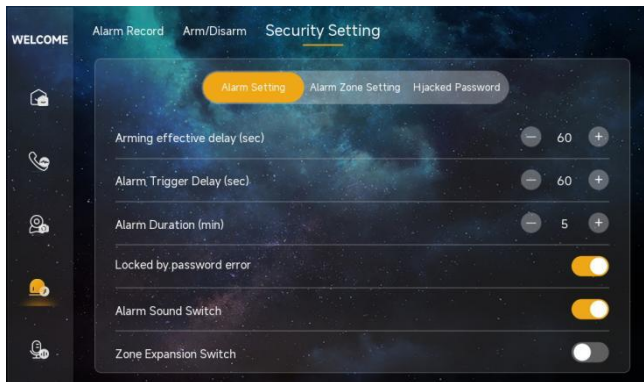


*Arm/Disarm Interface*

- When arming and disarming password authentication is enabled, a password must be entered to perform arming and disarming.
  - Under arming, user can:
    - ◆ Disarm: input user password to disarm.
    - ◆ Alarm and disarm: input hijack password, then alarm message is sent to management center, simultaneously disarm is done.
  - Under disarming, user can:
    - ◆ Arm: input user password to enter arming delay interface, leave the area before delay time's up.
    - ◆ Alarm and arm: input hijack password, then alarm message is sent to management center, simultaneously arm is done.
- When arming and disarming password authentication is disabled, you can perform arming and disarming without entering a password.

### 3.4.3 Security Setting

#### 3.4.3.1 Arm Setting

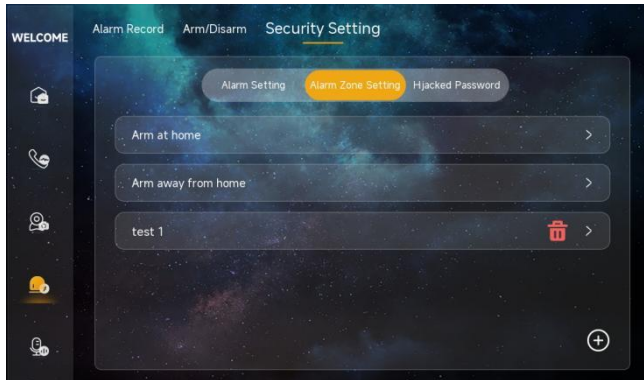


*Arm Setting Interface*

- **Arm Effective Delay:** After arming, the device will first enter arm active delay, if delay alarm is triggered during this period, the system will not sound the alarm.
- **Alarm Trigger Delay:** Under arming, when the delay alarm is triggered, if user can disarm within this countdown, the system will not sound the alarm.
- **Alarm Duration:** The alarm duration time when the defense zone is triggered.
- **Lock by Password Error:** With this function turned on, if wrong password is inputted 3 times within 1 minute, the device will lock for 60s
- **Alarm Sound Switch:** The device will emit an alarm sound when it triggers an SOS alarm or a zone alarm.
- **Zone Expansion Switch:** Turn on this option when alarm zone extension is needed, and alarm extension module is required for this feature.

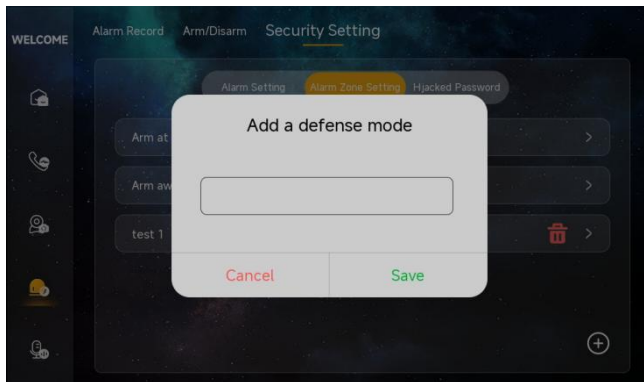


### 3.4.3.2 Alarm Zone Setting



*Alarm Zone Setting Interface*

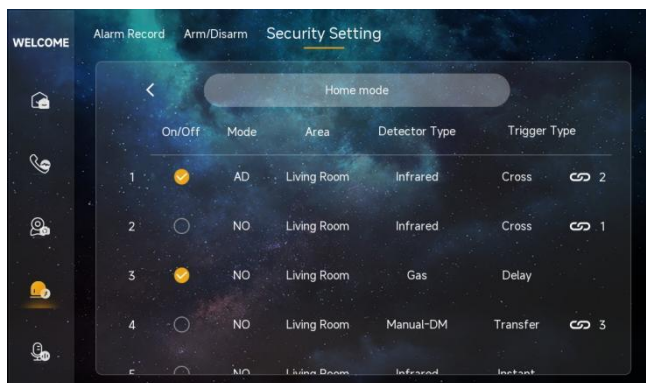
- Custom Zones: In addition to arm at home and arm away from home, user can add up to 2 additional zones.



*Add a defense mode Interface*

- Arm at home/Arm away from home/Custom zones:
  - Switch: Turn on to activate the current defense mode.
  - Area: Users can choose the default area, and custom areas are also supported.
  - Mode: They are divided into AD, NO (Normally Open), and NC (Normally Closed). The expansion zone only supports the AD mode.

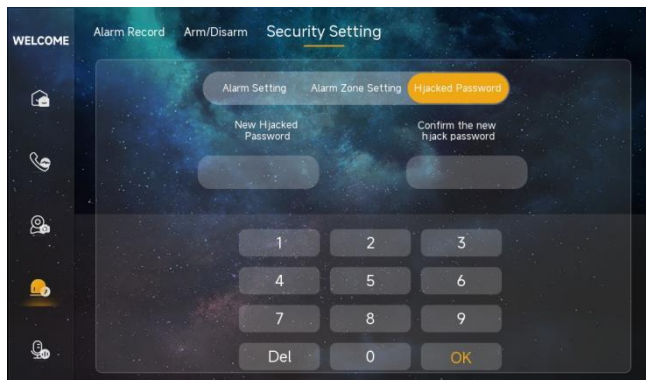
- Detector Type: Users can choose the default detector for sensing alarms, and custom detector types are supported.
- Trigger Type:
  - ◆ Instant alarm: After this defense area is armed, once it triggers, the alarm warning will be sent out immediately.
  - ◆ Delay alarm: After this defense area is armed, once it triggers, then enter the counting down of alarm delay. Users can disarm the defense during the counting down. Otherwise it will send out alarm warning when time is up.
  - ◆ Transferring delay: This defense area is related to the operation of delay defense area. After arming, once this defense area triggers before the delay defense area, it will alarm immediately. If the delay defense area triggers firstly, then enter The counting down of alarm. Users can disarm during the counting down. Otherwise it will alarm immediately when time is up.
  - ◆ 24 hours Instant: This defense area will detect as soon as the system is power on, and it will not be influenced by arming/disarming. Once this defense area is triggered, the alarm warning will be sent out immediately.
  - ◆ Cross warning: Two defense areas need to be matched up to trigger this function. After arming, once one of the cross defense areas is triggered, within 5 seconds another cross defense area is triggered, alarm warning will be sent out immediately. Otherwise alarm warning reserved.



*Defense Mode Setting Interface*

### 3.4.3.3 Hacked Setting

Users need to enter the current duress password, the new duress password, and then enter the new duress password again. If it is the first time modifying the duress password, there is no need to enter the current duress password.



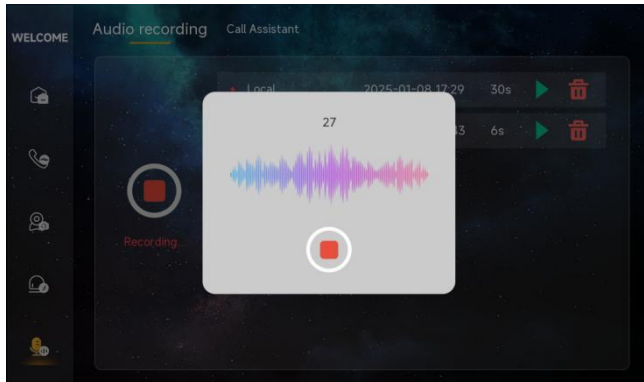
*Hacked Setting Interface*

## 3.5 Voice Message

### 3.5.1 Voice Message Record

Voice messages save local recordings and call messages after the Missed Call

Assistant is enabled.



*Voice Message Record Interface*

### 3.5.2 Voice Message Setting

When the Missed Call Assistant function is enabled, it automatically answers incoming calls from visitors and plays the recorded missed call voice. After the announcement is played, the system prompts the visitors to record the voice and save the voice in the voice message.

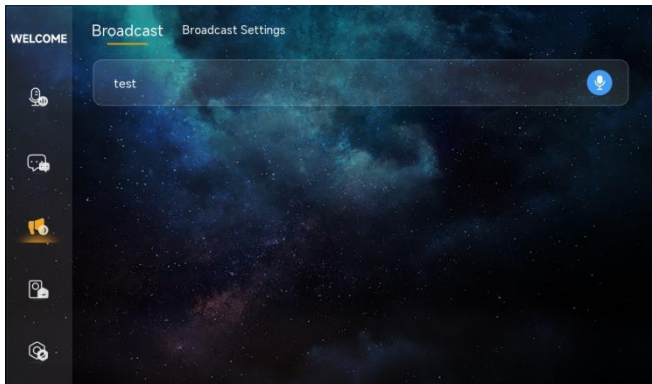
The Missed Call Assistant automatically turns off when the set duration countdown ends.

## 3.6 Message

Users can view the announcements issued by the intelligent management platform to this device, with a maximum of 200 entries.

# 3.7 Broadcast

## 3.7.1 Broadcast

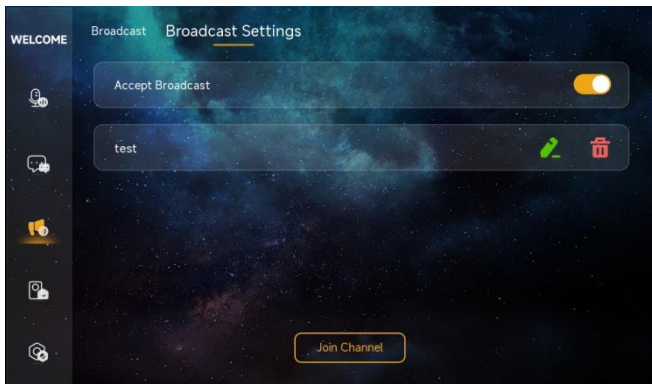


Broadcast Interface

Displays the list of joined channels. Click  to broadcast unidirectionally to other devices within the channel.

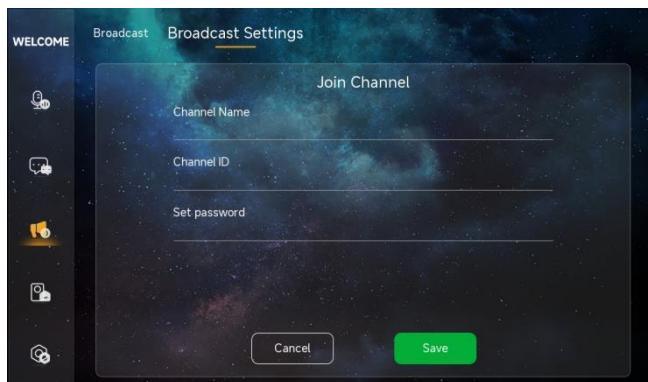
## 3.7.2 Broadcast Setting

- Broadcast reception switch: When turned on, it allows other devices to initiate broadcasts to this device. When turned off, even within the channel, other devices cannot broadcast to this device through the relevant channel.



Broadcast Setting Interface

- Join Channel: Enter the channel name, channel ID, and set the password to join the channel.



The screenshot shows a software interface with a dark, space-themed background. On the left is a vertical sidebar with icons for 'WELCOME', a user profile, a chat bubble, a yellow cube, a document, and a gear. The main area has a header with 'Broadcast' and 'Broadcast Settings' (the latter is underlined). A modal window titled 'Join Channel' is centered, containing three input fields labeled 'Channel Name', 'Channel ID', and 'Set password'. At the bottom of the modal are two buttons: 'Cancel' and a green 'Save' button.

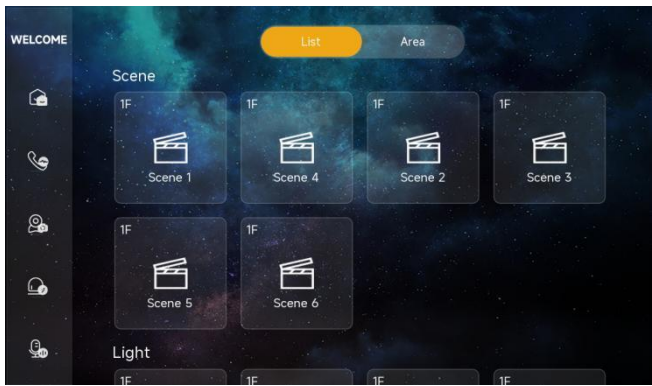
*Join Channel Interface*

### 3.8 Smart Home

Slide the screen left in the main interface to enter the Smart Home page.



#### 3.8.1 Scene

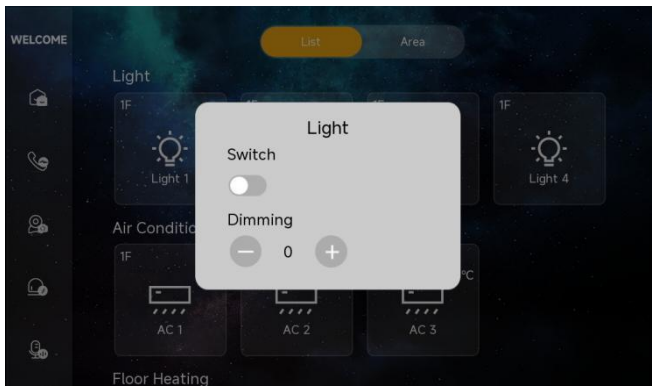
Press the corresponding scene to switch the relevant smart device to the corresponding scene mode.




Scene Interface

#### 3.8.2 Lighting



Press  to control the light switch, long press  to enter the lighting control page.



### Lighting Interface




- To control the light switch;
- Press  to adjust the light brightness.

### 3.8.3 Air Conditioner

Press  to control the air conditioner, and long press  to enter the air conditioner control page.





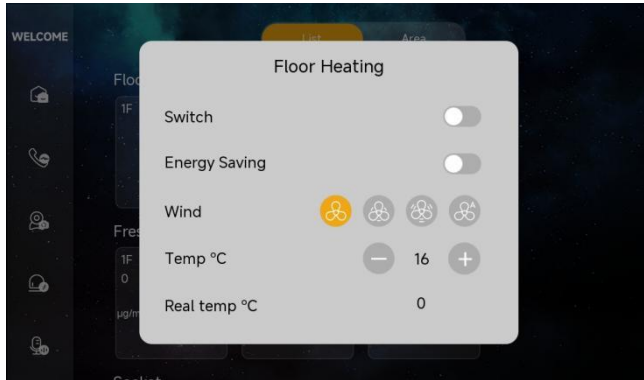
### Air Conditioner Interface

- Press  to set the air conditioner mode: cooling, heating, air supply, automatic, dehumidification;
- Press  to set the air speed: first gear, second gear, third gear, automatic;
- Press  to set the temperature: 16°C-30°C;
- Displays the current room temperature.





### 3.8.4 Floor Heating



Press  to control the floor heating, long press  to enter the floor heating control page.



*Floor Heating Interface*

- To control the switch of floor heating and the switch of energy-saving mode;
- Press  to set the air speed: first gear, second gear, third gear, automatic;
- Press  to set the temperature: 16°C-30°C;
- Displays the current room temperature.


### 3.8.5 Fresh Air

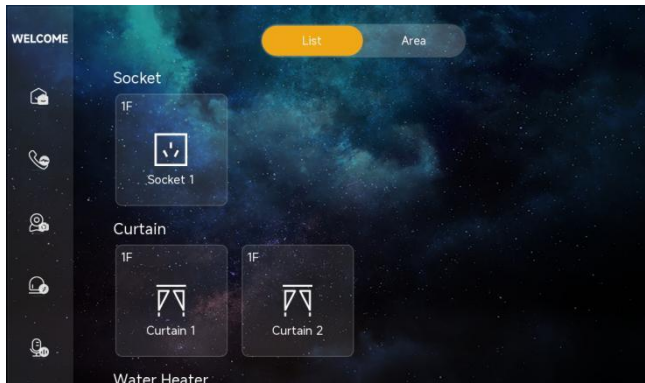
Press  to control the fresh air, and long press  to enter the fresh air control page.



*Fresh Air Interface*



### 3.8.6 Socket

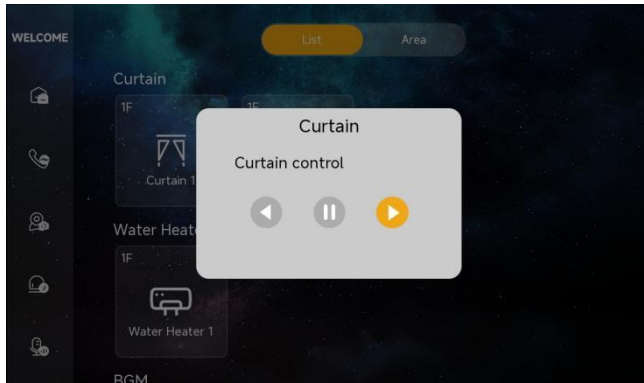
Press  to control the power switch of the socket.






*Socket Interface*

### 3.8.7 Curtain


Press  to control the curtain switch, long press  to enter the curtain control page.

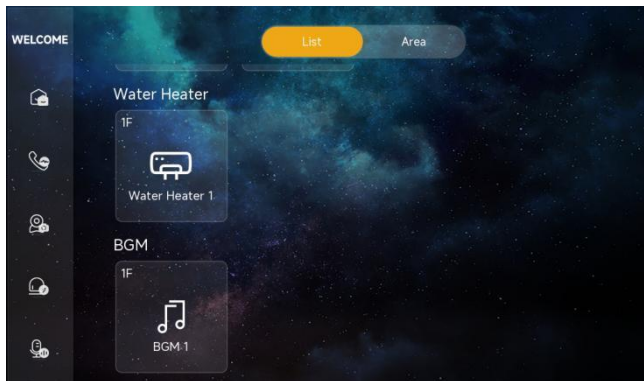


*Curtain Interface*

- Press  to control the curtain to move to the left, Press  to make the curtain stop moving, Press  to control the curtain to move to the right.



### 3.8.8 Water Heater

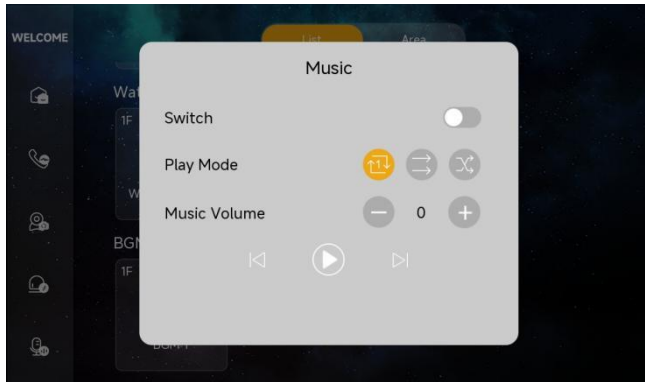
Press  to turn on/off the water heater.






*Water Heater Interface*

### 3.8.9 Background Music

Press  to control the curtain switch, long press  to enter the curtain control page.



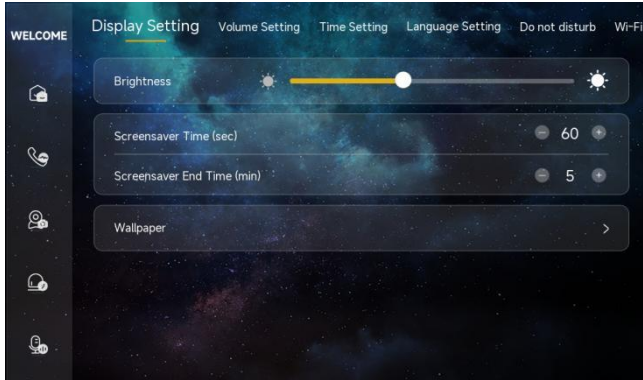
*Background Music Interface*

- To control the switch of background music;
- Press  to choose the playing mode: single song loop, sequential play, random play.
- Press  to adjust the music volume: 0-5;
- Press  to switch, pause and play music.

# Chapter 4    System Setting

## 4.1 Display Setting

Operation path: System Setting > Display Setting

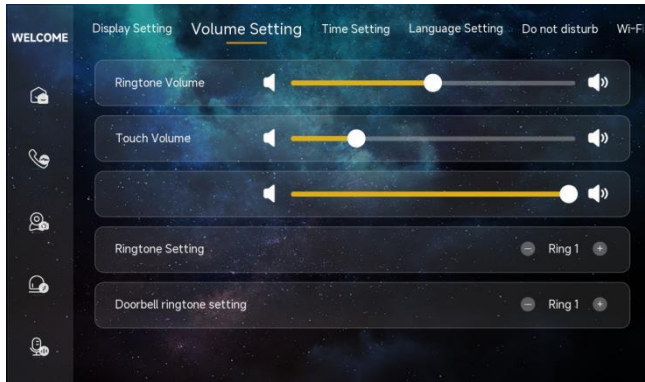


*Display Setting Interface*

- Brightness: To adjust the brightness, default is the maximum brightness.
- Screen Saver Time: To adjust the time to enter screen saver, range is 30-240 sec.
- Screen Saver End Time: To adjust the time to exit screen saver, range is 1-10 min.
- Wallpaper: Four default wallpapers are provided, and custom wallpapers can be configured through the PC Upgrade Tool.

## 4.2 Volume Setting

Operation path: System Setting > Volume Setting

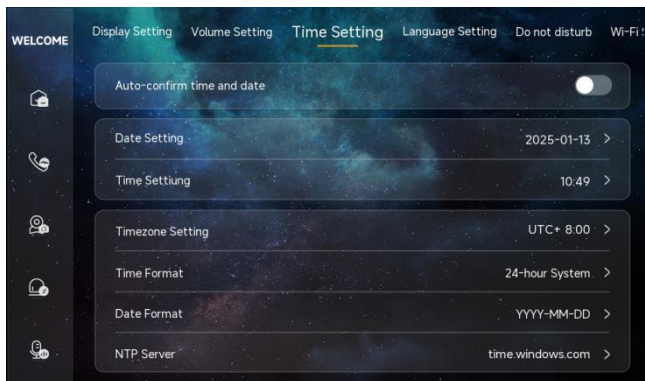


*Volume Setting Interface*

- Ringtone Volume: Adjustable ringtone volume;
- Microphone Volume: Adjustable microphone volume;
- Touch Volume: Adjustable touch volume;
- Ringtone Setting: 5 default ringtones are provided.
- Doorbell Ringtone Setting: 5 default ringtones are provided.

## 4.3 Time Setting

Operation path: System Setting > Time Setting



*Time Setting Interface*

- Auto-confirm time and date: when enabled, automatically synchronizes date and time from the network NTP server according to the set time zone and format. Turn

off automatic synchronization and manually set the date and time.

- Time Zone: Select the corresponding time zone based on the country you are in. This machine will convert the local time based on the set NTP server and time zone.
- Time Format: 12-hour/24-hour format can be selected;
- Date Format: Select date format on demand. Date format: Y-M-D, D-M-Y, M-D-Y;
- NTP Server: By default, there are 3 built-in NTP servers that users can manually change.

## 4.4 Language Setting

Operation path: System Setting > Language Setting

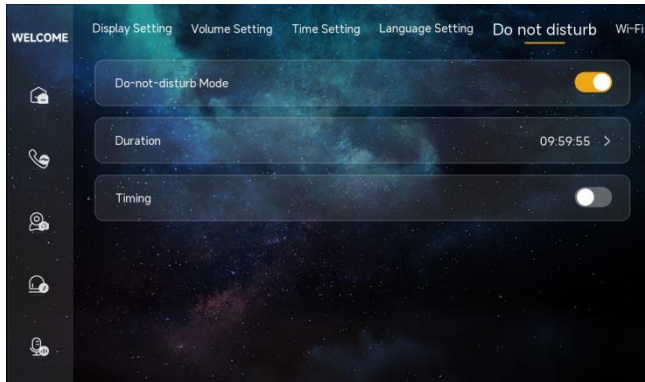


*Language Setting Interface*

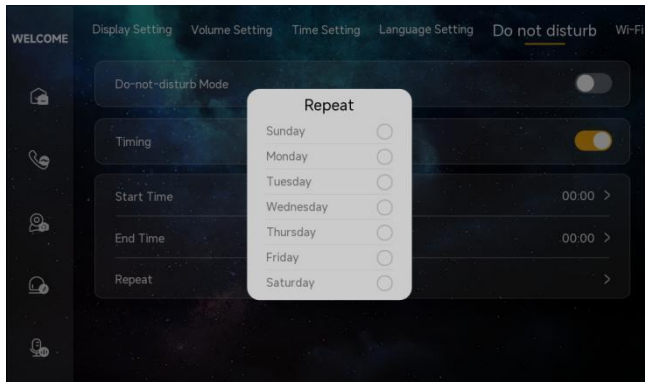
Available in English, Italian, Spanish, French, German, Hebrew, Simplified Chinese, Traditional Chinese, Russian, Portuguese, Vietnamese, Turkish, Arabic, Serbian, Indonesian, Polish, Romanian, Persian.

## 4.5 Do Not Disturb

Operation path: System Setting > Do not Disturb



*Do Not Disturb Interface*



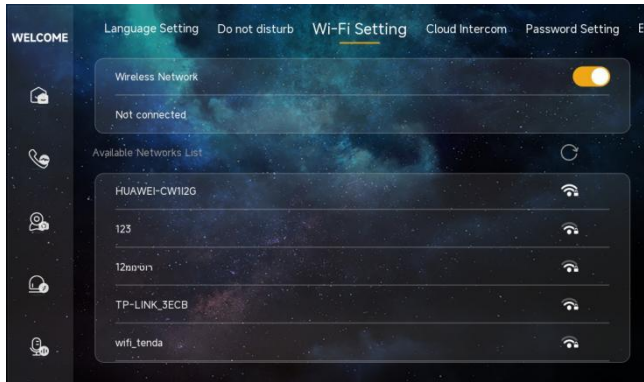
*Timing Do Not Disturb Interface*

- Do-not-disturb Mode: when turned on, the do-not-disturb mode will be automatically turned off after the duration countdown ends;
- Timing do-not-disturb: when turned on, you can set the date when do-not-disturb mode takes effect, and the time when it starts and ends every day. For example, if the start time is 22:00 and the end time is 7:00, and the repeat date is selected as Sunday, the do-not-disturb mode will be automatically turned on from 22:00 every Sunday to 7:00 every next Monday.

## 4.6 Wi-Fi Setting

Operation path: System Setting > Wi-Fi Setting



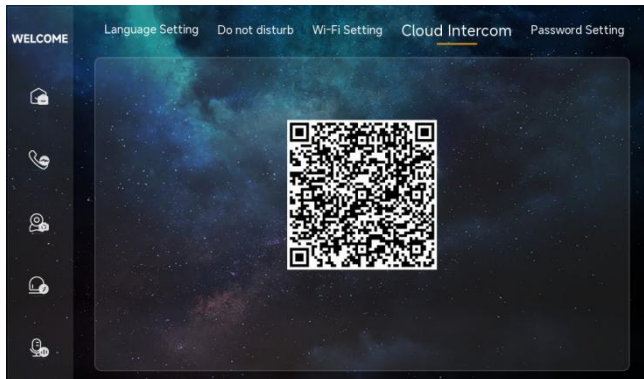


*Wi-Fi Setting Interface*

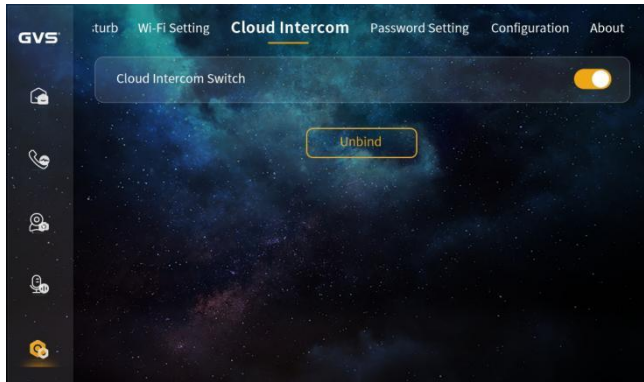
- Enable or disable the wireless network;
- Click on the connected Wi-Fi to modify the IP, DNS and other info;
- Select the available network in the Available Networks List, and enter the correct password to connect to the corresponding wireless network.

## 4.7 Cloud Intercom Setting

Operation path: System Setting > Cloud Intercom Setting



*Cloud Intercom Setting Interface (Unbound)*



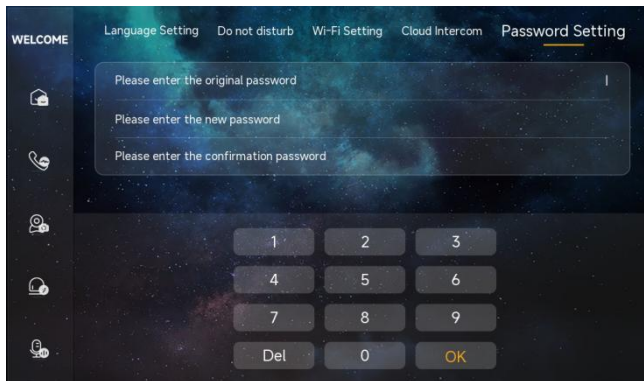
*Cloud Intercom Setting Interface (Bound)*

Scan the QR code of the indoor monitor to bind the device.

Note: Please use the 'Smart Door Phone' or 'Tuya Smart' App as prompted on the page.

## 4.8 Password Setting

Operation path: System Setting > Password Setting

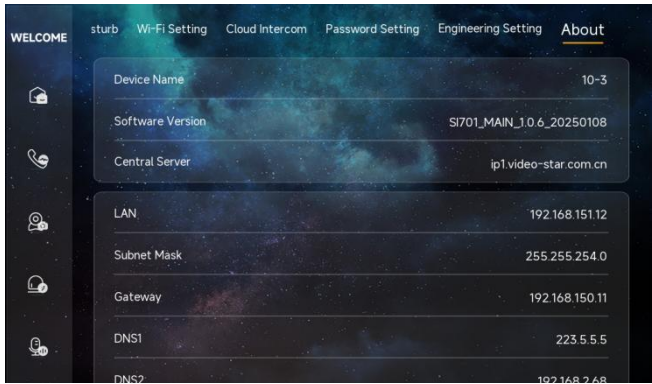


*Password Setting Interface*

User can change the user password, the default user password is 666666.

## 4.9 About

Operation path: System Setting > About



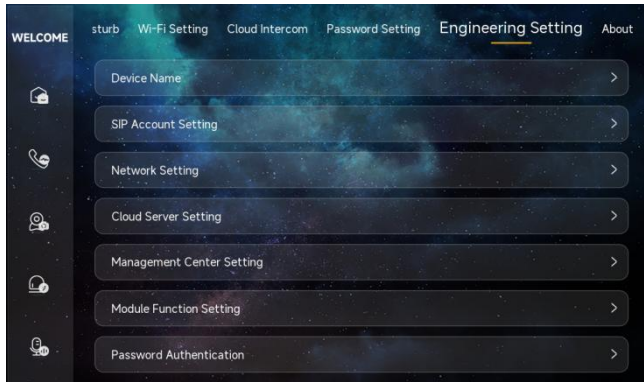
*About Interface*

- Includes device name, software version, central server;
- Ethernet info (LAN, subnet mask, gateway, etc.);
- WiFi info (WLAN, subnet mask, gateway, etc.);
- Device SIP account info (local SIP account, SIP account 1, SIP account 2, cloud SIP account);
- Reboot system: To reboot the device.

## 4.10 Configuration

Operation path: System Setting > Configuration

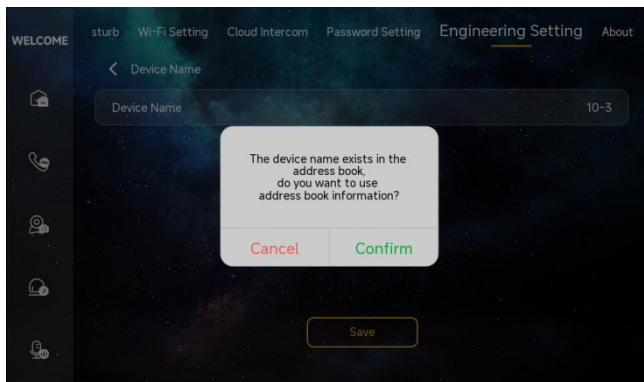
Enter the default configuration password 801801 to enter the following interface: device name, SIP account setting, network setting, cloud server setting, management center setting, module function setting, password authentication, reset password, community identification code and factory reset.



*Configuration Interface*

#### 4.10.1 Device Name

Operation path: System Setting > Configuration > Device Name

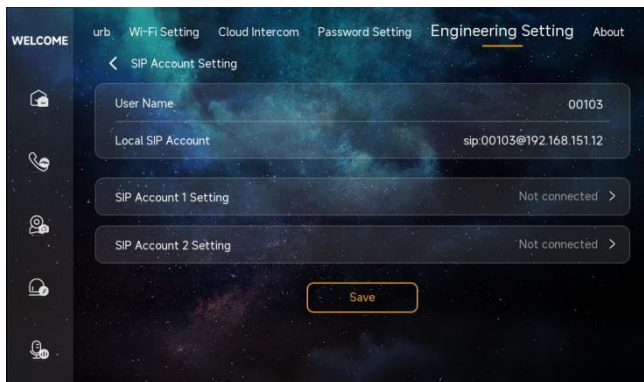


*Device Name Interface*

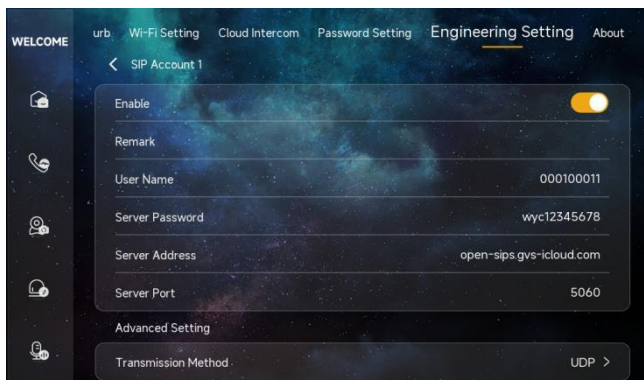
Device name: User can modify the device name. If the SIP account info in the address book is needed, user need to set the device name to the device name corresponding to the account info in the address book. There will be a window popping up to indicate whether to use the account info in the address book. Large scale community networking requires the use of address book methods, with unified address book distribution in the community and batch rule generation of address book device information.

## 4.10.2 SIP Account Setting

Operation path: System Setting > Configuration > SIP Account Setting



*SIP Account Setting Interface*



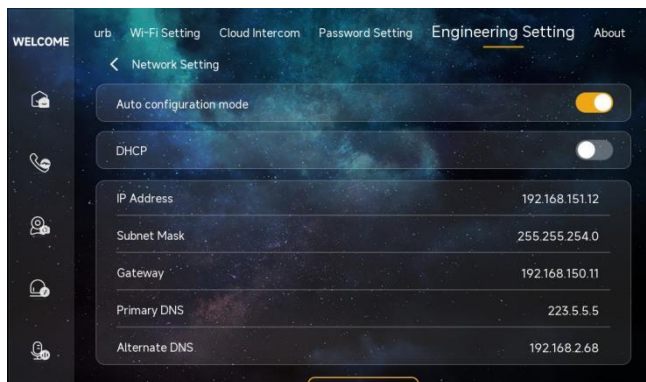
*SIP Account 1 Setting Interface*

- User Name: User name can be entered via dial pad to call this device.
- Local SIP Account: Local SIP account generated by the local user name and IP is for calling account under the same network.
- SIP Account 1 & 2: User can manually configure SIP account info, turn on the enable button to enter the user name, server password, server address and server port and select the transmission method. The account info in the address book can be used by configuring the device name.

- Cloud SIP Account: When the device is connected to the cloud server, the server will assign the cloud intercom SIP account to the device, so that the device can support cloud intercom function.

### 4.10.3 Network Setting

Operation path: System Setting > Configuration > Network Setting

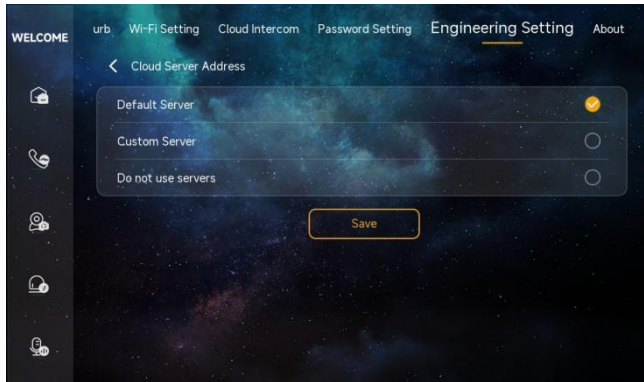


*Network Setting Interface*

- Auto Configuration Mode: When turned on, the device can discover other S-series devices under the same network;
- DHCP: After shutdown, the network needs to be manually configured by entering the IP address, subnet mask, gateway DNS.

### 4.10.4 Cloud Server Setting

Operation path: System Setting > Configuration > Cloud Server Setting



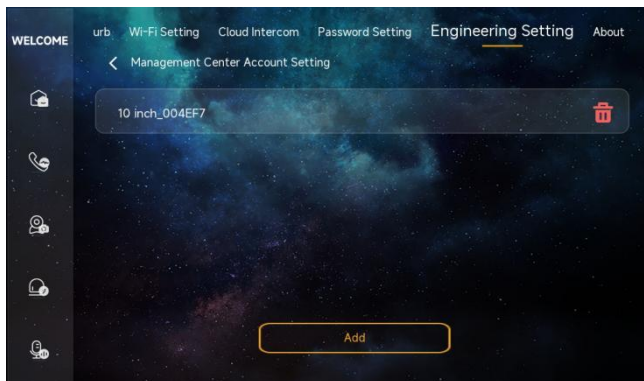
*Cloud Sever Address Interface*

Cloud server is set to default server by default, and the custom cloud server requires manual input of the server address, and the server will be closed if the user chooses not to use the servers.

The default server refers to a server deployed on the public network. To connect to this default server, the device must be able to access the external network. A custom server can be a locally deployed server or a regional server, and it must also ensure that the device and server network are reachable.

#### 4.10.5 Management Center Setting

Operation path: System Setting > Configuration > Management Center Setting



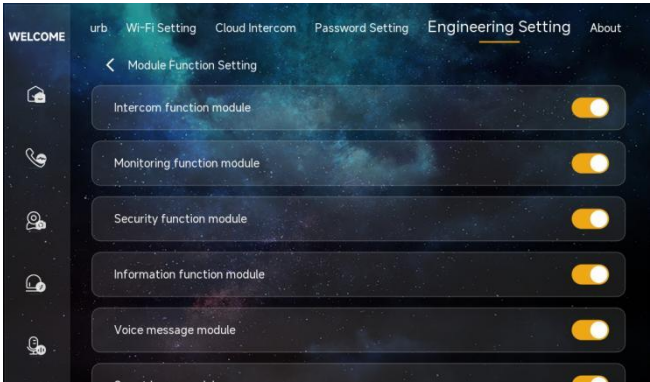
*Management Center Setting Interface*



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

**4.10.6 Module Function Setting**

Operation path: System Setting > Configuration > Module Function Setting

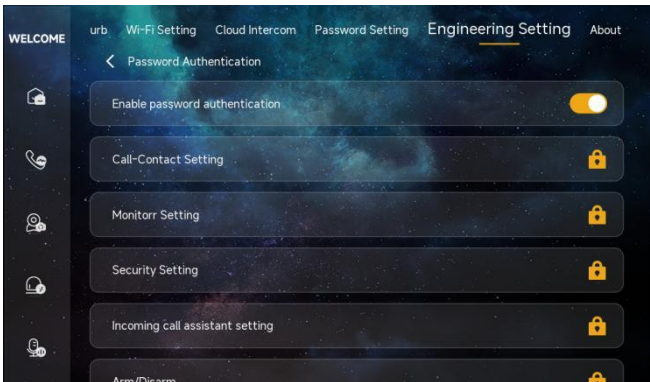


Module Function Setting Interface

The functions are all on by default, and the corresponding functions will be hidden in the device after being turned off.

**4.10.7 Password Authentication**

Operation path: System Setting > Configuration > Password Authentication



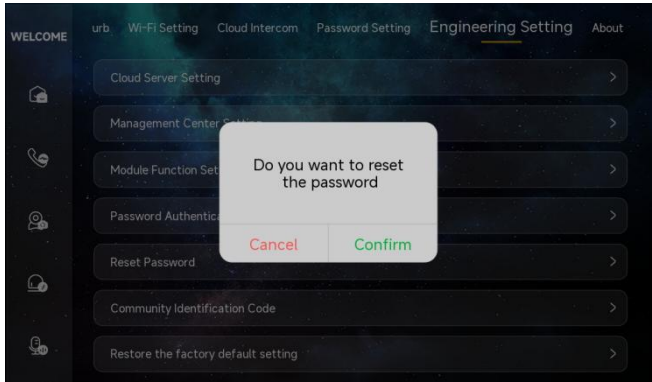
Password Authentication Interface



When password authentication is enabled, the corresponding functions are encrypted, user need to enter the user password.

**4.10.8 Reset Password**

Operation path: System Setting > Configuration > Reset Password

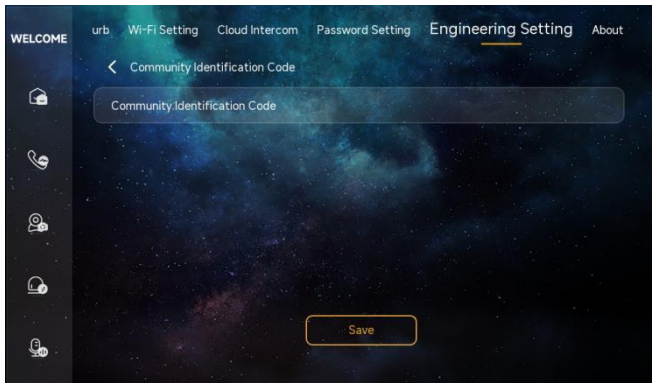


*Reset Password Interface*

If user forgets the user password, the user password can be reset to 666666.

**4.10.9 Community Identification Code**

Operation path: System Setting > Configuration > Community Identification Code



*Interface*

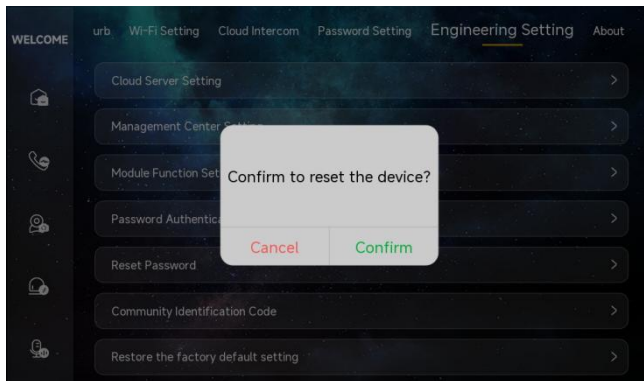
In cloud server mode or local server mode, you can associate this device with the

corresponding community by entering the community identification code.

Note: There are two ways to bind the community. One is to use the app to scan the QR code for binding in the "Cloud Intercom Setting." The other is to enter the community identification code.

#### 4.10.10 Factory Reset

Operation path: System Setting > Configuration > Factory Reset



*Factory Reset Interface*

- Reset after 60s of power-on, and the local setup parameters are restored to their default values;
- Reset within 60s of power-on, and the local setup parameters are restored to default values, while all records are cleared.

#### 4.10.11 Equipment Self Inspection

Displays device information, including device name, software version, MCU version, central server, device manager, LAN, subnet mask, gateway, DNS, MAC address, and SIP account information.

## Chapter 5 Address book configuration

Automatic configuration mode: This machine can discover other S-series devices in the same network segment. For small system networking within 16pcs, automatic discovery is preferred. It is a plug and play mode that does not require complicated configuration. Networking requires Router routers to allocate IP addresses to each device, and devices use MDNS protocol to discover each other.

Address book mode: To disable automatic configuration mode, address book mode is required. The devices connected to the address book network need to download a unified address book configuration table, which can be pushed locally by Update&Configuration Tool or pulled online from the intelligent management platform.

### 5.1 Address book generation

Please refer to Chapter 3.4 Engineering Configuration of the Intelligent Management Platform User Manual for details.

### 5.2 Address book synchronization

For large-scale community networking systems, devices need to use the address book mode uniformly, and there are two ways to synchronize the address book.

**Method 1:** In Chapter 3.4 of the Intelligent Management Platform User Manual, configure the address book and export the address book configuration file addressBook.xml. Then use the Update&Configuration Tool to locally push to devices. For communities that are not connected to the internet, the tool can only be used to push to all devices.

Update Tool V1.0.5\_20230817
Local IP: 10.255.254.10

Program upgrade
Resources upgrade
Access password
Switching Language
Address tool

### Resources upgrade

Please make sure device types: SO001
Access password:
Search equipment

Address book
Logo
Configuration file

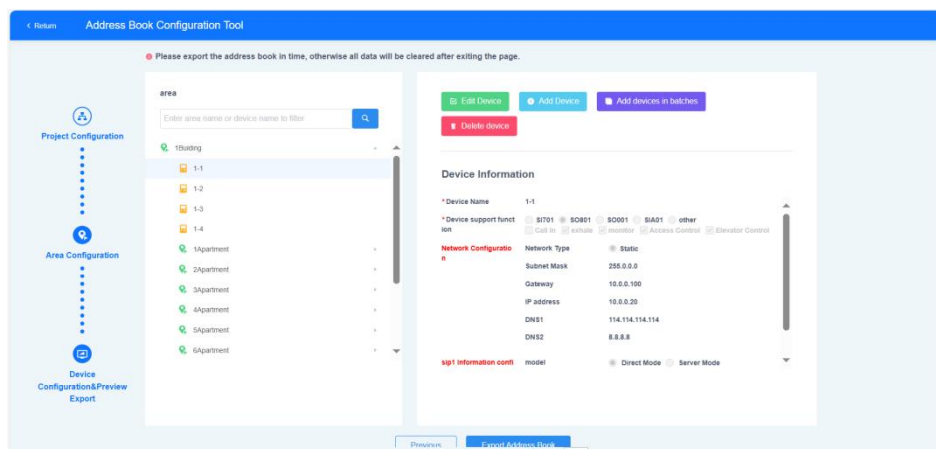
Please select the software version
Please select the hardware version
Please enter the MAC address
Filter

<input type="checkbox"/>	NO	Device Name	MAC	IP address	Model No.	Software version	Hardware version	Operation
<input type="checkbox"/>	1	SO001_86C8A0	1c:87:76:86:c8:a0	10.255.254.9	SO001	HDS-I1000_1.0.4_20		Upgrade

Upload FW: D:\Program Files\WpfAppUpdate\update\addressBook.xml
Upload
Verify encrypted password 123456

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

**Method 2:** In Chapter 3.4 of the Intelligent Management Platform User Manual, in the Device Configuration&Preview Export interface, click<Update Device Address Book>→ The platform will immediately send the saved address book to the corresponding device and update the address book of all online devices in this community. In the device configuration&preview export interface, click<Save Address Book>→ Platform saves the edited address book, but does not distribute it to the device. After logging into the intelligent management platform, the device will automatically synchronize the community address book.



## 5.3 Address Book Application

After receiving the address book, the device will automatically restart and update the contact information. Go to Engineering Settings - Device Name Settings, enter the device name and click Save. This will prompt that the device exists in the address book. Do you want to use the address book information? Clicking confirm will prompt that the setting is successful and restarting is in progress. For example, the address book contains the device name "1-1" (device name: 1-1, region: 1Guiding, supported functions: outbound/monitoring/elevator control/access control, gateway: 10.00.100), IP: 192.168.0.20, Mask: 255.0.0.0, DNS1:114.114.114.114, DNS2: 8.8.8.8, SIP Username: 00011, Protocol Type: udp ) , After the user inputs "1-1" to save, the IP address information and SIP account information will be automatically updated to the above information. For large-scale community networking systems, after configuring the address book, it is necessary to set the device name for each device separately and apply the address information corresponding to this name.

For detailed instructions on setting device names, please refer to section 5.1.14 or section 5.12.10 on setting device names for Web Server.

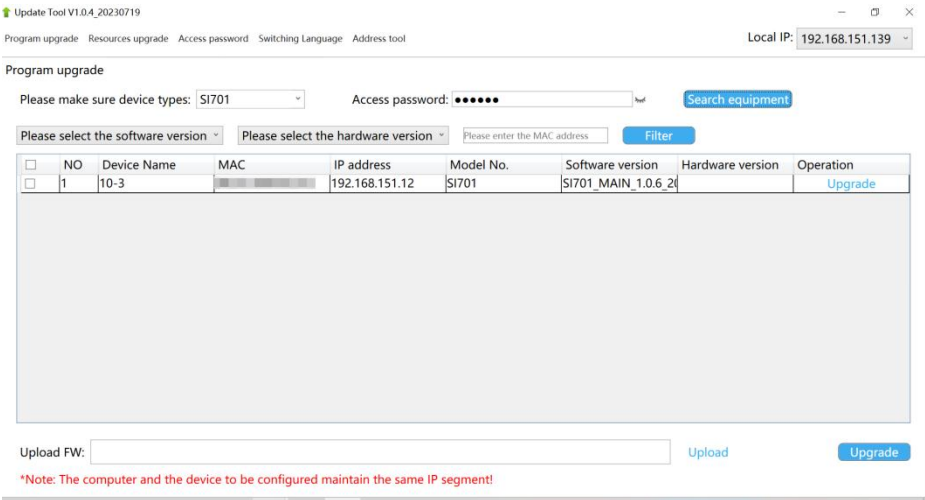
# Chapter 6    Web Server

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

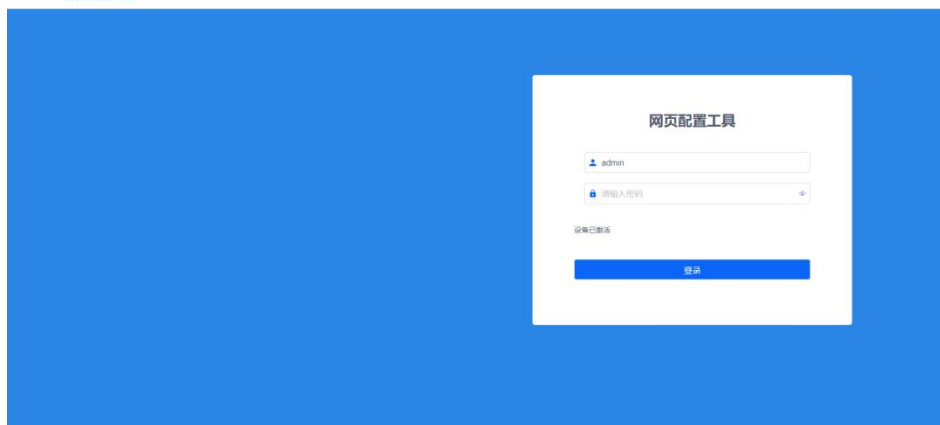
## 6.1 Web Server Login

Steps for entering the web operation of the indoor station:

- 1. Enter the "About" interface to view the device IP address. Alternatively, run the "Update & Configuration Tool" program as an administrator, select or enter the device type as "SIA02" or another customized model. Enter the access password as "801801". Click "Search Devices," and then view the corresponding IP address based on the device's MAC address.

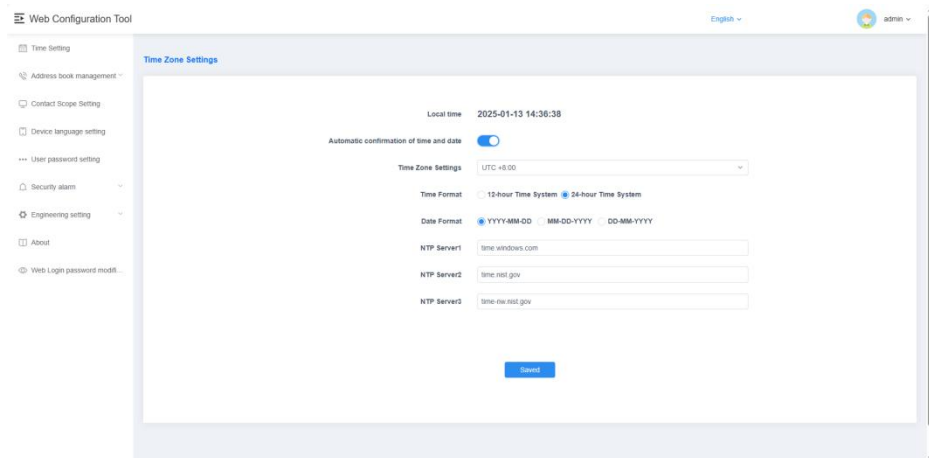


- 2. Browser input URL `http://ip_address/#/` , such as `http://192.168.151.5/#/` Enter the entrance machine configuration system webpage. The default password is admin.  
Attention: Please ensure that the computer IP and the device IP to be configured are in the same network segment.



## 6.2 Time Setting

- Auto-confirm time and date: when enabled, automatically synchronizes date and time from the network NTP server according to the set time zone and format. Turn off automatic synchronization and manually set the date and time.
- Time Zone: Select the corresponding time zone based on the country you are in. This machine will convert the local time based on the set NTP server and time zone.
- Time Format: 12-hour/24-hour format can be selected;
- Date Format: Select date format on demand. Date format: Y-M-D, D-M-Y, M-D-Y;
- NTP Server: By default, there are 3 built-in NTP servers that users can manually change.



## 6.3 Address Book Management

### 6.3.1 Frequently used contact list

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



Web Configuration Tool English admin

Time Setting  
Address book management  
Frequently used contact list  
Contact setting  
Contact range setting  
Contact Scope Setting  
Device language setting  
User password setting  
Security alarm  
Engineering setting  
About  
Web Login password modification

### Frequently used contact list

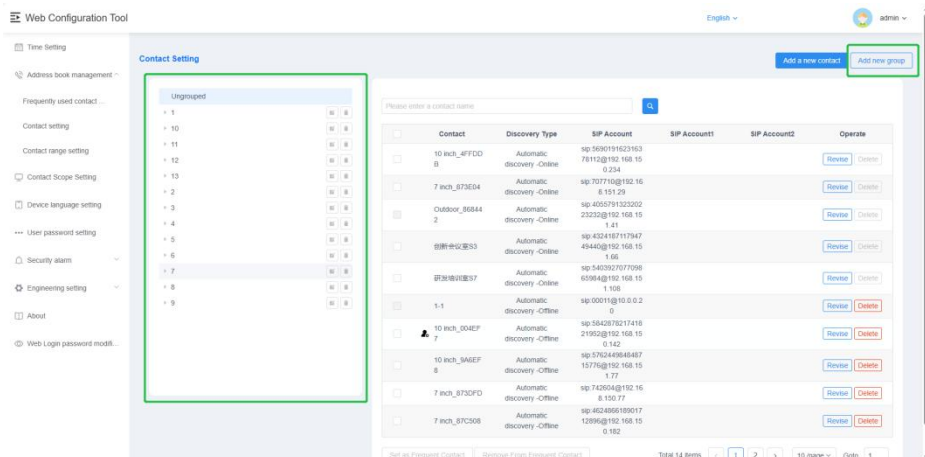
Please enter the group or contact name

Contact	Discovery Type	Group	Operate	
10 inch_004EF7	Automatic discovery -Offline		<a href="#">Edit</a>	<a href="#">Remove From Frequent Contact</a>
10-1	Add to address book	10	<a href="#">Edit</a>	<a href="#">Remove From Frequent Contact</a>
10-2	Add to address book	10	<a href="#">Edit</a>	<a href="#">Remove From Frequent Contact</a>
10-3	Add to address book	10	<a href="#">Edit</a>	<a href="#">Remove From Frequent Contact</a>
10-4	Add to address book	10	<a href="#">Edit</a>	<a href="#">Remove From Frequent Contact</a>

Total 5 items 1 10/page [Go to](#) 1

## 6.3.2 Contact Setting

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



## ● Contact

- **Add:** Enter the contact note, SIP account, select the parent group, and choose the incoming call ringtone. (If the device has access control function, you also need to enter the DTMF unlock password corresponding to the device).
- **Revise:**
  - ◆ **Automatic Discovery:** Users can edit notes, group affiliation, ringtone, and DTMF password;
  - ◆ **Address Book Distribution:** Users can edit notes, ringtone, and DTMF password;
  - ◆ **Manual Addition:** Users can edit notes, SIP account, group affiliation, ringtone, and DTMF password.
- **Delete:** Contacts issued by the address book and contacts discovered automatically - online cannot be deleted. Contacts discovered automatically - offline and manually added can be deleted.
- **Set as Frequent Contact:** Check the contact, after setting as a favorite contact, it will be displayed in the favorite contacts list.
- **Remove From Frequent Contact:** Check the contact, after removing from

favorites, it will be removed from the favorite contacts list.

Web Configuration Tool

English admin

Time Setting

Address book management

Frequently used contact

Contact setting

Contact range setting

Contact Scope Setting

Device language setting

User password setting

Security alarm

Engineering setting

About

Web Login password modify

Contact Setting

Unmapped

1 10 11 12 13 2 3 4 5 6 7 8 9

Please enter a contact name

Contact	Discovery Type	SIP Account	SIP Account1	SIP Account2	Operate
10 inch_4FFDD B	Automatic discovery-Online	sip:5690191623163 7816@192.168.10 0.234			<a href="#">Revise</a> <a href="#">Delete</a>
7 inch_873ED4	Automatic discovery-Online	sip:707710@192.16 8.151.29			<a href="#">Revise</a> <a href="#">Delete</a>
Outdoor_36844 2	Automatic discovery-Online	sip:600519120202 2322@192.168.15 1.41			<a href="#">Revise</a> <a href="#">Delete</a>
创新中心53	Automatic discovery-Online	sip:424187117947 4844@192.168.15 1.66			<a href="#">Revise</a> <a href="#">Delete</a>
研华培训室37	Automatic discovery-Online	sip:540307077096 65984@192.168.15 1.108			<a href="#">Revise</a> <a href="#">Delete</a>
1-1	Automatic discovery-Offline	sip:000191@10.0.0.2 0			<a href="#">Revise</a> <a href="#">Delete</a>
10 inch_304EF 7	Automatic discovery-Offline	sip:5842878217419 21902@192.168.10 0.142			<a href="#">Revise</a> <a href="#">Delete</a>
10 inch_3AEEF 6	Automatic discovery-Offline	sip:576244984687 15776@192.168.10 1.77			<a href="#">Revise</a> <a href="#">Delete</a>
7 inch_873CFD	Automatic discovery-Offline	sip:742604@192.16 8.150.77			<a href="#">Revise</a> <a href="#">Delete</a>
7 inch_87C08	Automatic discovery-Offline	sip:602460198017 12896@192.168.15 0.182			<a href="#">Revise</a> <a href="#">Delete</a>

Set as Frequent Contact Remove From Frequent Contact

Total 14 items 1 2 10 page -> Go to 1

### 6.3.3 Contact Range Setting

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

Web Configuration Tool

English admin

Time Setting

Address book management

Frequently used contact

Contact setting

Contact range setting

Contact Scope Setting

Device language setting

User password setting

Security alarm

Engineering setting

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Contact Scope Setting

Contact list display range setting ☒

Unmapped

1 10 11 12 13 2 3 4 5 6 7 8 9

Please enter a contact name

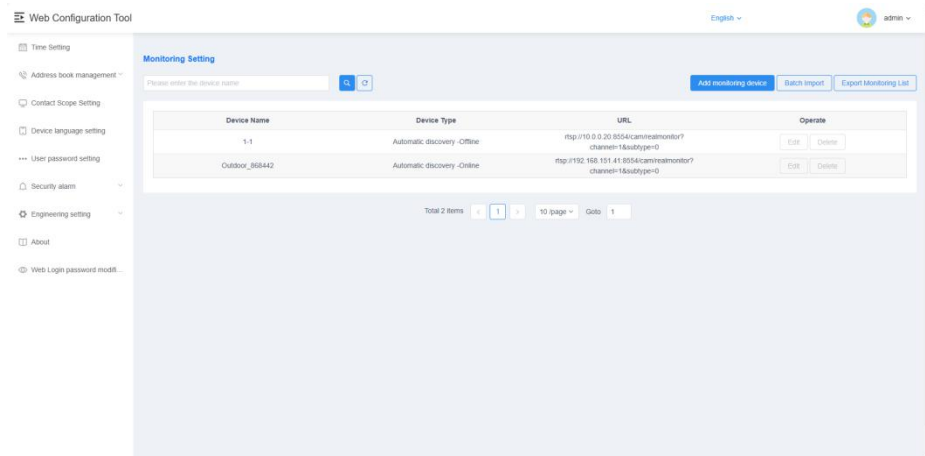
Contact	Discovery Type	SIP Account	SIP Account1	SIP Account2
1-1	Add to address book		00011@10.0.0.22	
<input checked="" type="checkbox"/> 1-2	Add to address book		00012@10.0.0.23	
<input checked="" type="checkbox"/> 1-3	Add to address book		00013@10.0.0.24	
<input type="checkbox"/> 1-4	Add to address book		00014@10.0.0.25	

Total 4 items 1 2 10 page -> Go to 1

## 6.4 Contact Scope Setting

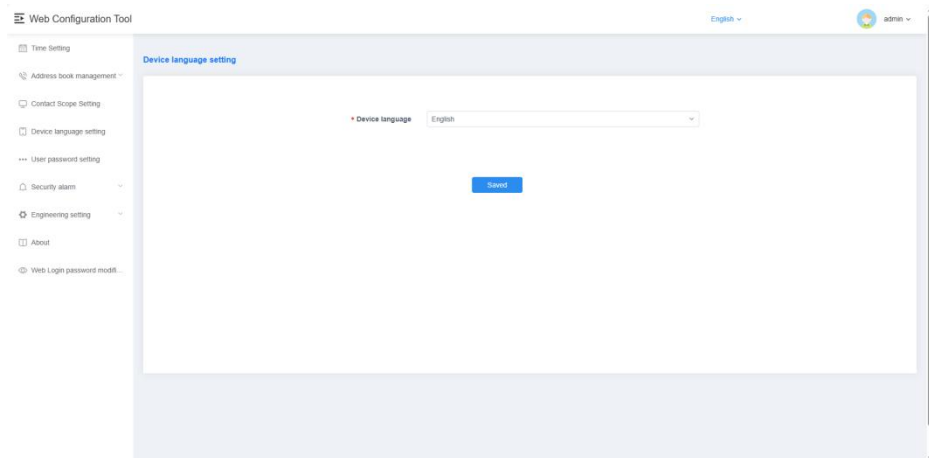
- Add Monitoring Device: Enter the device name and URL address to add.

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



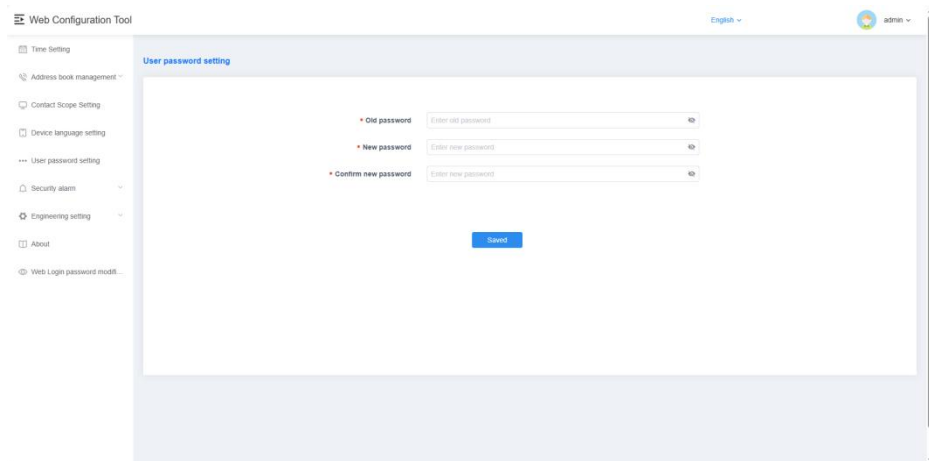
## 6.5 Device Language Setting

Set the language displayed on the device. Available in English, Italiano, Español, Français, Deutsch, עברית, 简体中文, 繁体中文, Türkçe, العربية اللغة, Српски, Русский язык, Português, Tiếng Việt, 한국어, Bahasa Indonesia, Polski, Limba Română, فارسی.



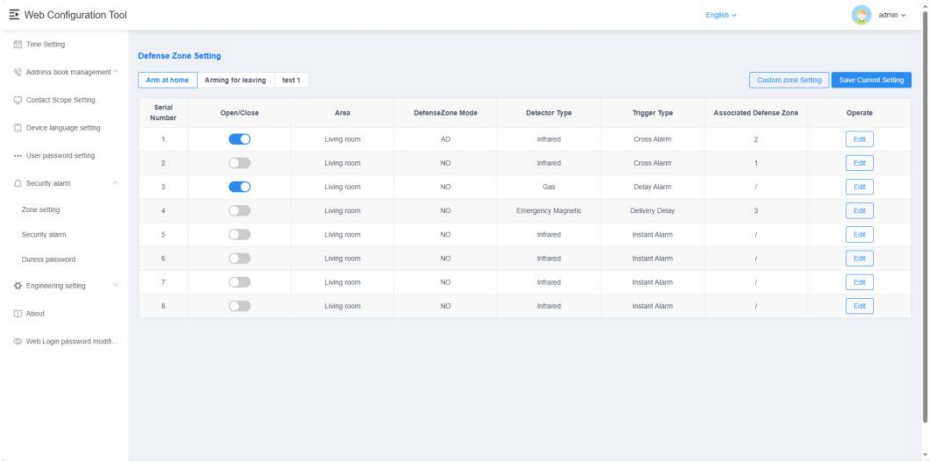
## 6.6 User Password Setting

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

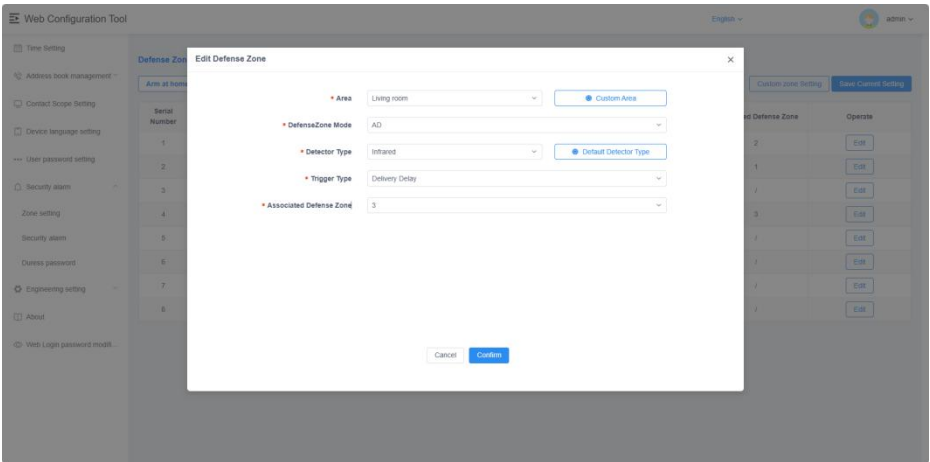


# 6.7 Security Alarm

## 6.7.1 Zone Setting



- Custom Zones: In addition to arm at home and arm away from home, user can add up to 2 additional zones.



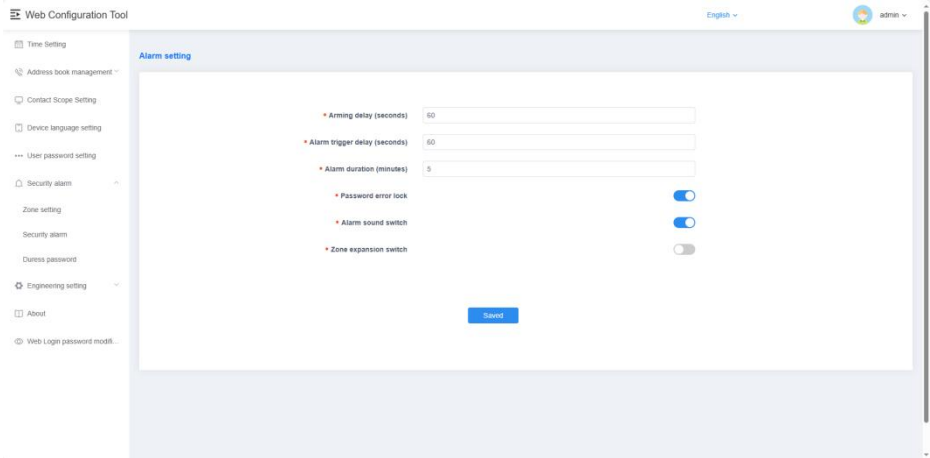
- Arm at home/Arm away from home/Custom zones:
  - Switch: Turn on to activate the current defense mode.
  - Area: Users can choose the default area, and custom areas are also supported.

- Mode: They are divided into AD, NO (Normally Open), and NC (Normally Closed). The expansion zone only supports the AD mode.
- Detector Type: Users can choose the default detector for sensing alarms, and custom detector types are supported.
- Trigger Type:
  - ◆ Instant alarm: After this defense area is armed, once it triggers, the alarm warning will be sent out immediately.
  - ◆ Delay alarm: After this defense area is armed, once it triggers, then enter the counting down of alarm delay. Users can disarm the defense during the counting down. Otherwise it will send out alarm warning when time is up.
  - ◆ Transferring delay: This defense area is related to the operation of delay defense area. After arming, once this defense area triggers before the delay defense area, it will alarm immediately. If the delay defense area triggers firstly, then enter The counting down of alarm. Users can disarm during the counting down. Otherwise it will alarm immediately when time is up.
  - ◆ 24 hours Instant: This defense area will detect as soon as the system is power on, and it will not be influenced by arming/disarming. Once this defense area is triggered, the alarm warning will be sent out immediately.
  - ◆ Cross warning: Two defense areas need to be matched up to trigger this function. After arming, once one of the cross defense areas is triggered, within 5 seconds another cross defense area is triggered, alarm warning will be sent out immediately. Otherwise alarm warning reserved.

### 6.7.2 Security Alarm

- Arm Effective Delay: After arming, the device will first enter arm active delay, if delay alarm is triggered during this period, the system will not sound the alarm.

- **Alarm Trigger Delay:** Under arming, when the delay alarm is triggered, if user can disarm within this countdown, the system will not sound the alarm.
- **Alarm Duration:** The alarm duration time when the defense zone is triggered.
- **Lock by Password Error:** With this function turned on, if wrong password is inputted 3 times within 1 minute, the device will lock for 60s
- **Alarm Sound Switch:** The device will emit an alarm sound when it triggers an SOS alarm or a zone alarm.
- **Zone Expansion Switch:** Turn on this option when alarm zone extension is needed, and alarm extension module is required for this feature.



### 6.7.3 Duress Password

Users need to enter the current duress password, the new duress password, and then enter the new duress password again. If it is the first time modifying the duress password, there is no need to enter the current duress password.



Web Configuration Tool

English

admin

Time Setting

Address book management

Contact Scope Setting

Device language setting

User password setting

Security alarm

Zone setting

Security alarm

Duress password

Engineering setting

About

Web Login password modification

**Duress password**

Current duress password

New duress password

Re-enter new duress password

Save

## 6.8 Engineering Setting

### 6.8.1 Device name

User can modify the device name. If the SIP account info in the address book is needed, user need to set the device name to the device name corresponding to the account info in the address book. There will be a window popping up to indicate whether to use the account info in the address book.

Web Configuration Tool

English

admin

Time Setting

Address book management

Contact Scope Setting

Device language setting

User password setting

Security alarm

Engineering setting

Device Name

SIP Account Setting

Network Setting

Management center setting

Cloud Server Setting

Password authentication

Community identification

Audio codec format

Module function setting

**Device Name**

Device Name

Save

## 6.8.2 SIP Account Setting

- User Name: User name can be entered via dial pad to call this device.
- Local SIP Account: Local SIP account generated by the local user name and IP is for calling account under the same network.
- SIP Account 1 & 2: User can manually configure SIP account info, turn on the enable button to enter the user name, server password, server address and server port and select the transmission method. The account info in the address book can be used by configuring the device name.

The screenshot shows the 'Web Configuration Tool' interface. On the left is a sidebar menu with options: Time Setting, Address book management, Contact Scope Setting, Device language setting, User password setting, Security alarm, Engineering setting, Device Name, SIP Account Setting, Network Setting, Management center setting, Cloud Server Setting, Password authentication, Community identification..., Audio codec format, and Module function setting. The main area is titled 'SIP Account Setting'. It features a 'User Name' field with the value '00103'. Below it, it shows 'This device SIP account' as 'sip:00103@192.168.151.12' and 'Cloud SIP Account'. The main configuration area is divided into two columns for 'SIP Account1' and 'SIP Account2'. Each column has an 'Enable' toggle (SIP Account1 is on, SIP Account2 is off), a 'Remark' field, and fields for 'User Name', 'Server Password', 'Server Address', and 'Server Port'. Below these are 'Advanced Settings' including a 'Transferring Method' dropdown menu. A 'Save' button is at the bottom right.

SIP Account1	SIP Account2
Enable: <input checked="" type="checkbox"/>	Enable: <input type="checkbox"/>
Remark: <input type="text"/>	Remark: <input type="text"/>
User Name: <input type="text"/>	User Name: <input type="text"/>
Server Password: <input type="text"/>	Server Password: <input type="text"/>
Server Address: <input type="text"/>	Server Address: <input type="text"/>
Server Port: <input type="text"/>	Server Port: <input type="text"/>
Advanced Settings	Advanced Settings
Transferring Method: <input type="text"/>	Transferring Method: <input type="text"/>

## 6.8.3 Network Setting

- Auto Configuration Mode: When turned on, the device can discover other S-series devices under the same network;
- DHCP: After shutdown, the network needs to be manually configured by entering the IP address, subnet mask, gateway DNS.

Web Configuration Tool

English

admin

Time Setting

Address book management

Contact Scope Setting

Device language setting

User password setting

Security alarm

Engineering setting

Device Name

SIP Account Setting

Network Setting

Management center setting

Cloud Server Setting

Password authentication

Community identification...

Audio codec format

Module function setting

SIP Account Setting

User Name00103

This device SIP accountsip:00103@192.168.151.12

Cloud SIP Account

SIP Account1

Enable

RemarkPlease enter a remark.

User Name000100011

Server PasswordwycT2345678

Server Addressopen-sips-gw-icloud.com

Server Port5060

Advanced Settings

Transferring MethodUDP

SIP Account2

Enable

RemarkPlease enter a remark.

User NamePlease enter your username

Server PasswordPlease enter the server password

Server AddressPlease enter the server address

Server PortPlease enter the server port

Advanced Settings

Transferring MethodUDP

Save

## 6.8.4 Management Center Setting

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

Web Configuration Tool

English

admin

Time Setting

Address book management

Contact Scope Setting

Device language setting

User password setting

Security alarm

Engineering setting

Device Name

SIP Account Setting

Network Setting

Management center setting

Cloud Server Setting

Password authentication

Community identification...

Audio codec format

Module function setting

Management Center Setting

Add

Remark	Group	Discovery Type	Operate
10-icv_004EEF7		Automatic discovery -Offline	Delete

Total 1 item

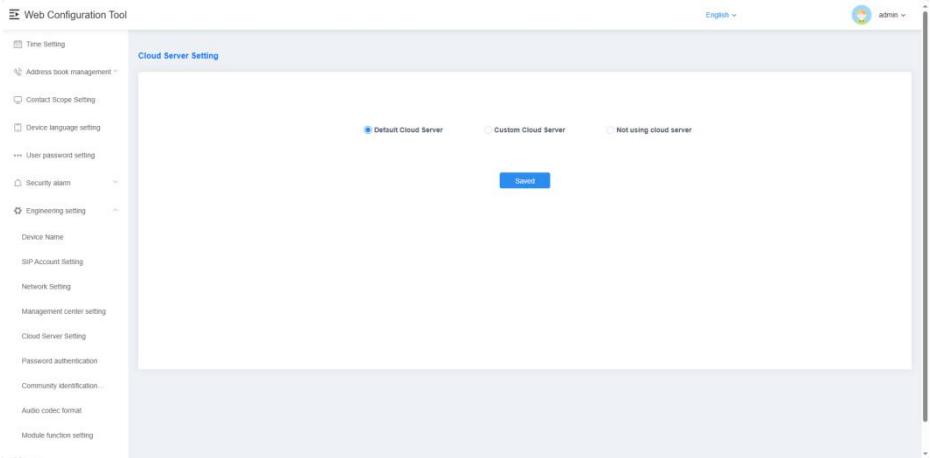
1

10 page

Go to 1

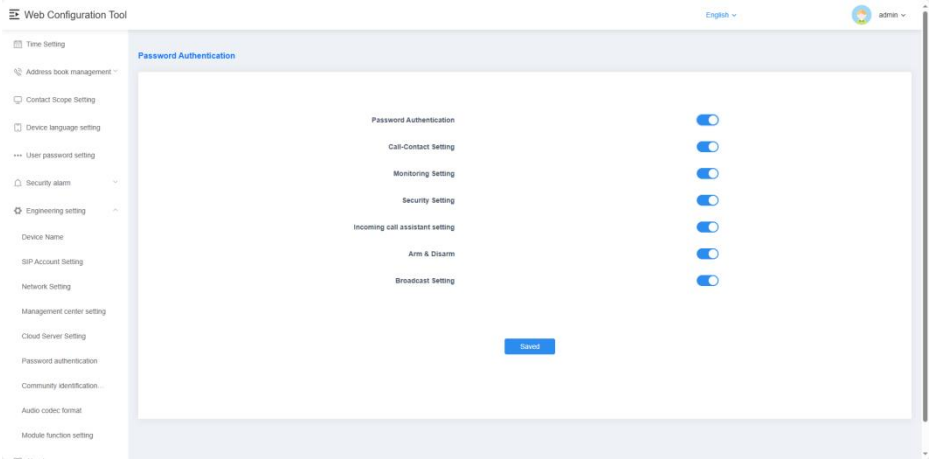
59

### 6.8.5 Cloud Server Setting



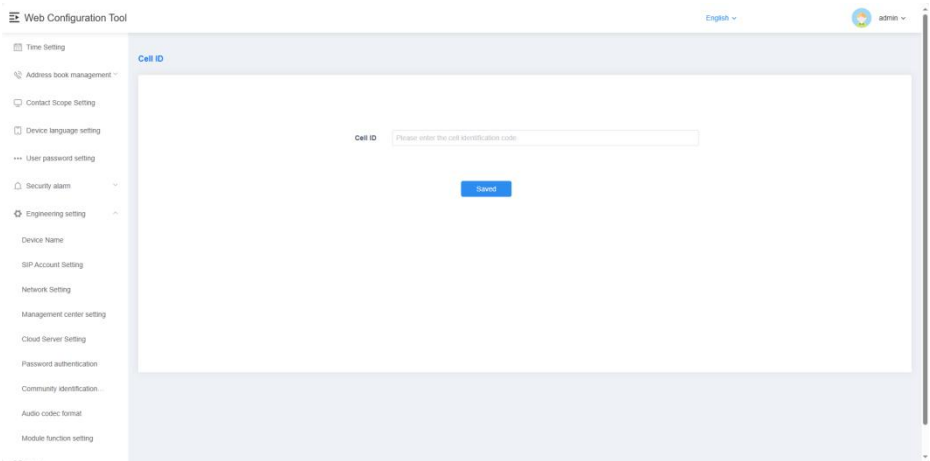
Cloud server is set to default server by default, and the custom cloud server requires manual input of the server address, and the server will be closed if the user chooses not to use the servers.

### 6.8.6 Password Authentication



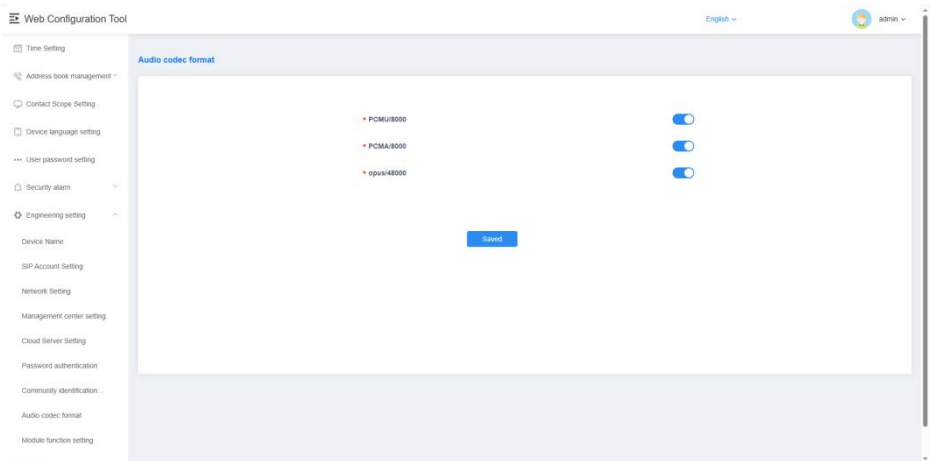
When password authentication is enabled, the corresponding functions are encrypted, user need to enter the user password.

# 6.8.7 Community Identification Code



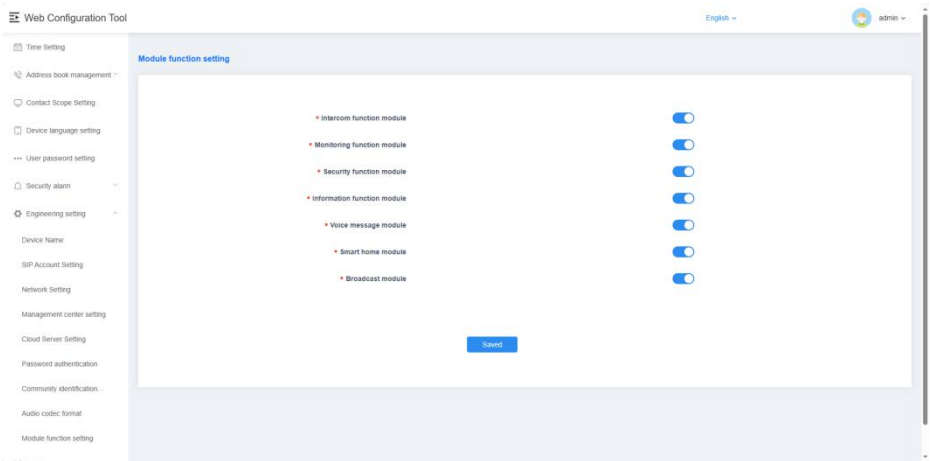
In cloud server mode or local server mode, you can associate this device with the corresponding community by entering the community identification code.

# 6.8.8 Audio Code Format



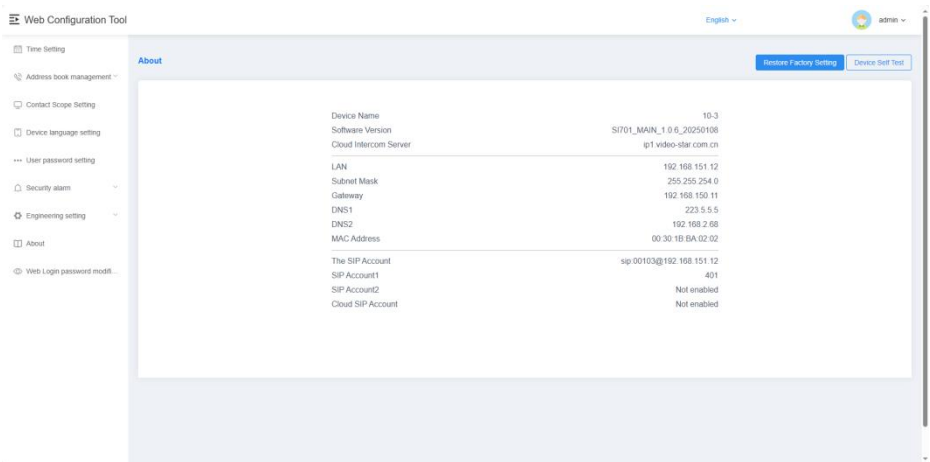
Set the audio codec format. Users can choose to enable/disable PCMU, PCMA, and OPUS.

# 6.8.9 Module Function Setting



The function switch is consistent with the device. After turning it off, the corresponding function will be hidden in the device.

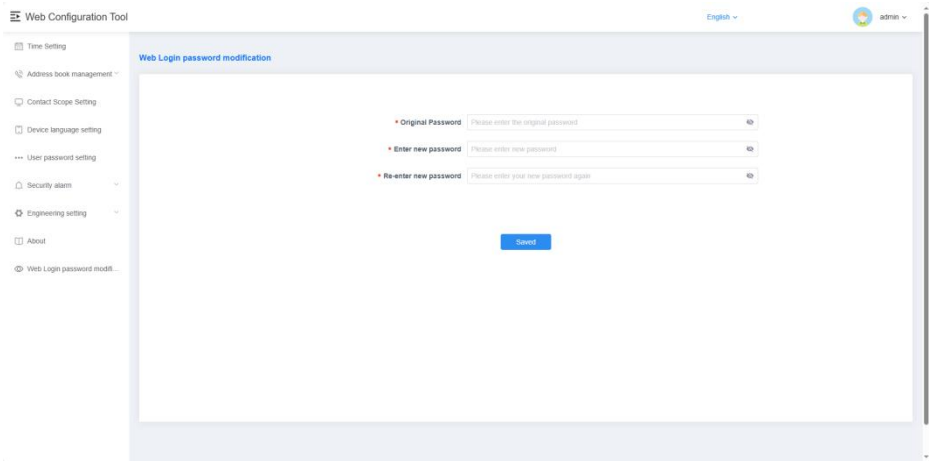
# 6.9 About



- View the related information of the device: device name, software version, center server, device management center, Ethernet information, WiFi information, SIP account information, and connection status.

- **Factory Reset:** Reset after 60s of power-on, and the local setup parameters are restored to their default values; Reset within 60s of power-on, and the local setup parameters are restored to default values, while all records are cleared.
- **Device Self-Test:** Users can view the basic information and operation information of the device.

## 6.10 Web Login Password Modification



The screenshot displays the 'Web Configuration Tool' interface. On the left is a sidebar menu with options: Time Setting, Address book management, Contact Scope Setting, Device language setting, User password setting, Security alarm, Engineering setting, About, and Web Login password modification (which is selected). The main content area is titled 'Web Login password modification' and contains three input fields with red asterisks: 'Original Password', 'Enter new password', and 'Re-enter new password'. Each field has a placeholder text: 'Please enter the original password', 'Please enter new password', and 'Please enter your new password again' respectively. A blue 'Save' button is positioned below the input fields. The top right of the interface shows a language dropdown set to 'English' and a user profile icon labeled 'admin'.

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

