

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.

Contents

Chapter 1 Function Review	1
Chapter 2 Product Introduction	2
2.1 Product Appearance	2
2.2 Product Dimension	2
2.3 Interface Introduction	3
2.4 Parameter	4
2.5 Installation height	4
Chapter 3 Basic Function	2
3.1 Standby Interface	2
3.2 Call	5
3.3 Video Surveillance	12
3.4 Security & Alarm	14
3.5 Voice Message	19
3.6 Message	20
3.7 Broadcast	21
3.8 Smart Home	23
Chapter 4 System Setting	29
4.1 Display Setting	29
4.2 Volume Setting	29
4.3 Time Setting	30
4.4 Language Setting	31
4.5 Do Not Disturb	31
4.6 Wi-Fi Setting	32
4.7 Cloud Intercom Setting	33
4.8 Password Setting	34
4.9 About	35

4.10 Configuration	35
Chapter 5 Address book configuration	43
5.1 Address book generation	43
5.2 Address book synchronization	43
5.3 Address Book Application	45
Chapter 6 Web Server	46
6.1 Web Server Login	46
6.2 Time Setting	47
6.3 Address Book Management	48
6.4 Contact Scope Setting	51
6.5 Device Language Setting	52
6.6 User Password Setting	53
6.7 Security Alarm	54
6.8 Engineering Setting	57
6.9 About	62
6.10 Web Login Password Modification	63

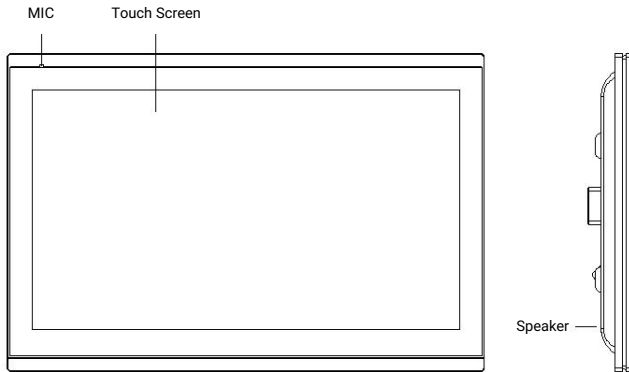
Chapter 1 Function Review

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:

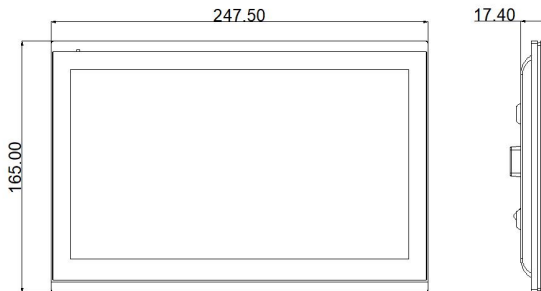
- **10.1' capacitive touch screen**
- **Support custom wallpaper and screensaver**
- **Support real time surveillance to outdoor/villa station, IP camera**
- **Support multi - indoor monitor in one apartment**
- **Support the blacklist and whitelist function to intercept unfamiliar call**
- **New missed 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

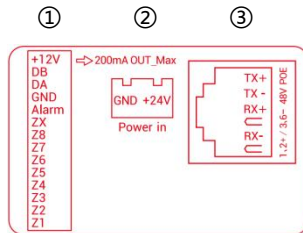
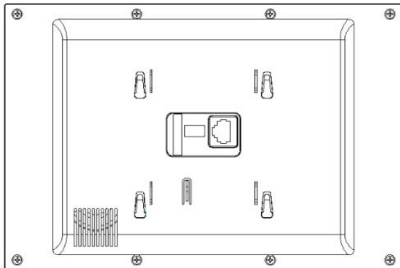
2.1 Product Appearance



2.2 Product Dimension



2.3 Interface Introduction



Number①

+12V、GND: defense area detector power terminal (current≤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: ≤ 80 mA

Device Working Current: ≤ 300 mA

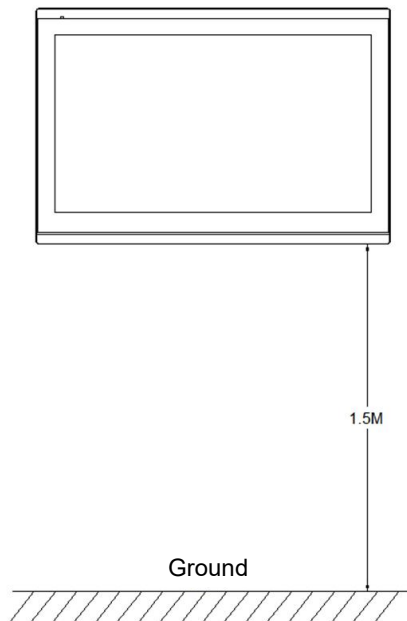
Screen Size: 10.1 inch

Resolution: 1024 \times 600

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

Environment Temp.: $-10^{\circ}\text{C} \sim +45^{\circ}\text{C}$

2.5 Installation height

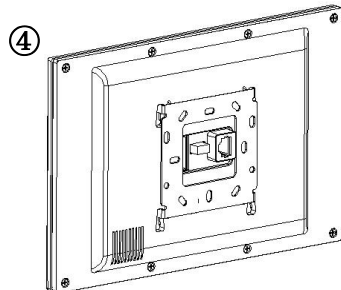
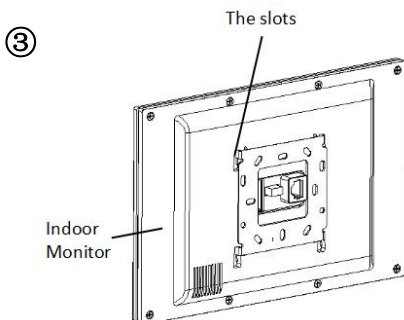
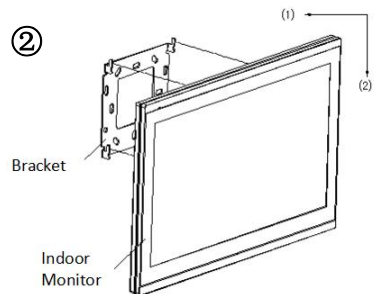
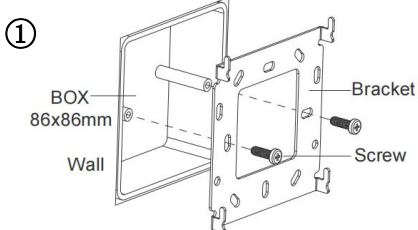
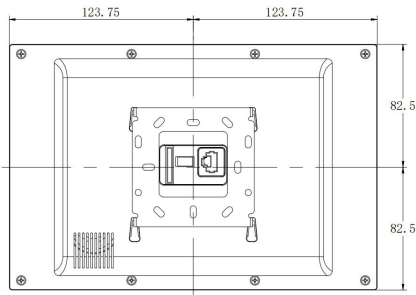


Suggestion Installation Height: 1.5m

Installation Instruction

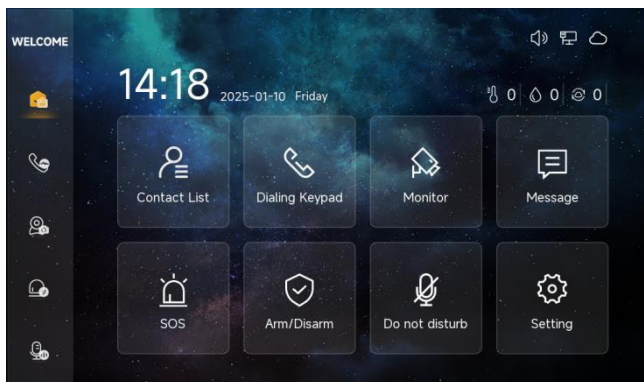
Step 1: Aim the bracket screws to the holes on the 86*86 installation box and fasten the bracket.

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).




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

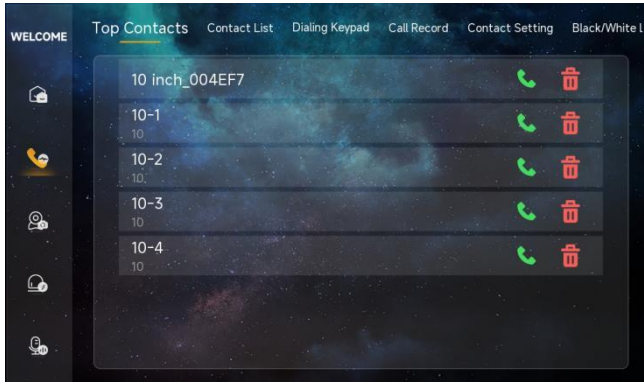
Press  to enter the Smart Home interface to control scene and sub-devices.

Setting


Press  to enter Setting page.

3.2 Call

3.2.1 Top Contacts

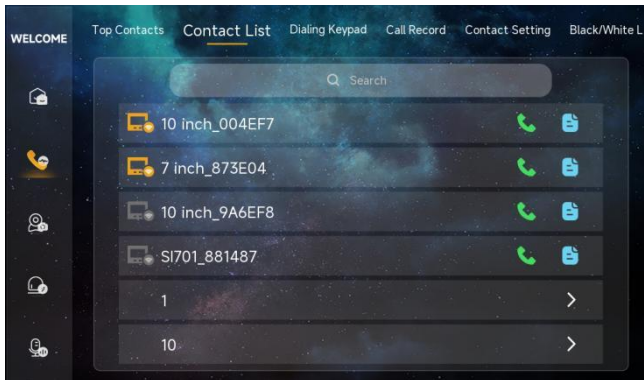


Top Contacts Interface

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;

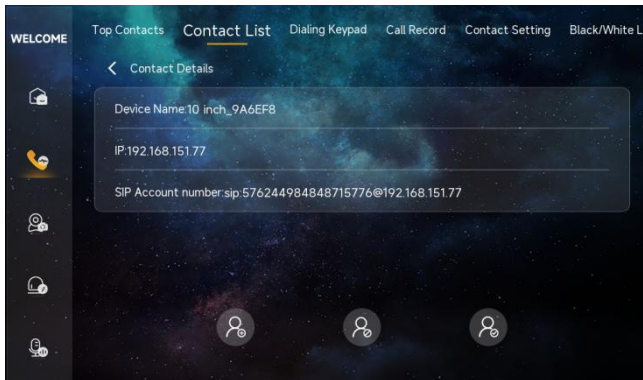


Indicates that the devices on the same network segment discovered by the device are currently offline;





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.



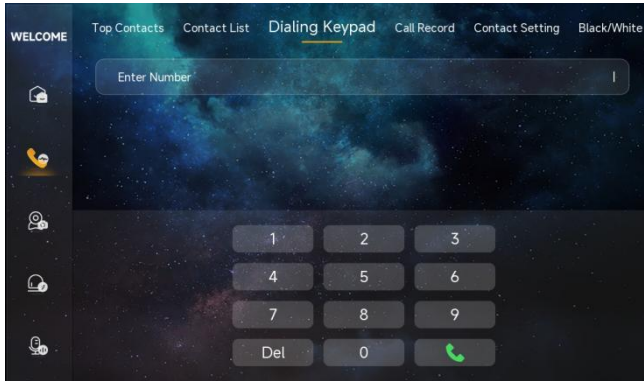
Contact Details Interface

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.

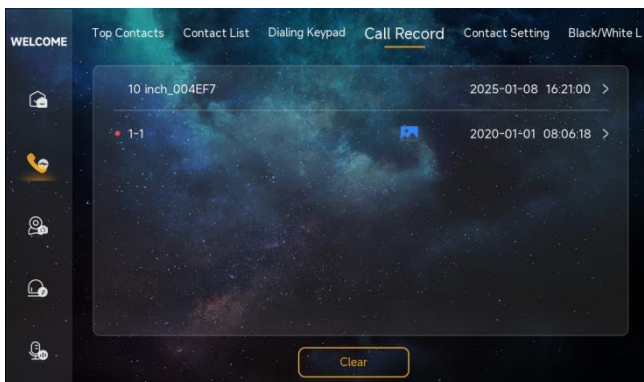
3.2.3 Dialing Keypad



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

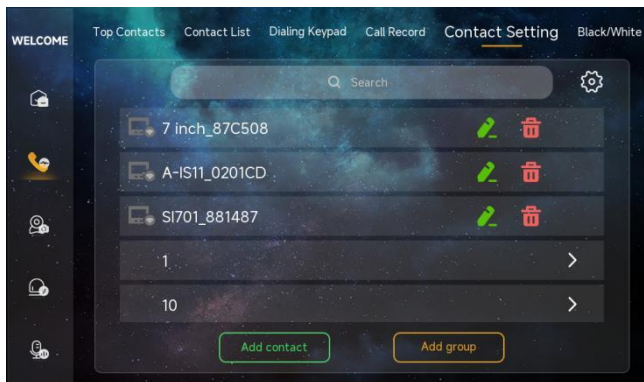


Call Record Interface

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

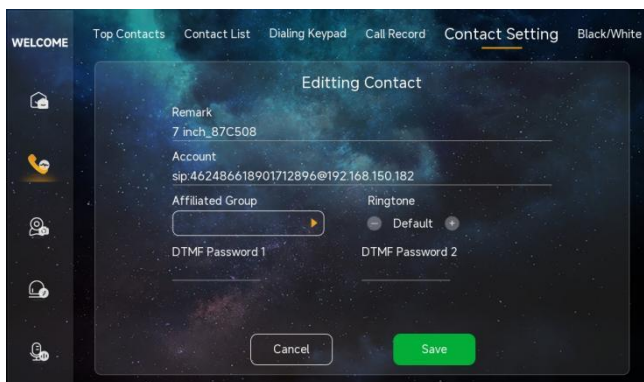
Support editing, adding, and deleting contacts or groups in the resident list.



Contact Setting Interface

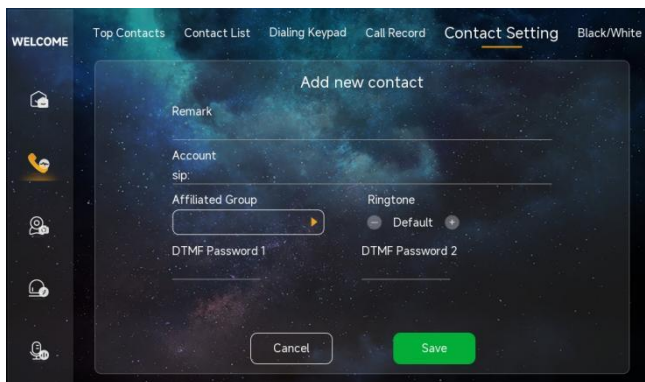
Support editing remark, affiliated group, ringtone, and DTMF password for automatically discovering.

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



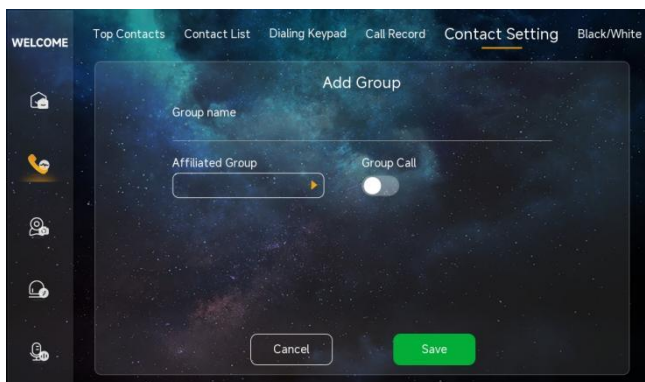
Edit Contact Interface

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

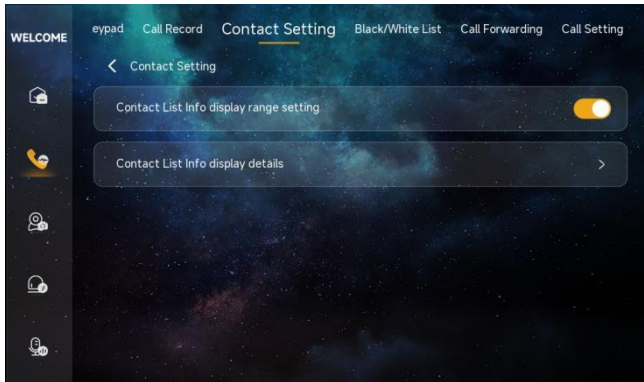
To add a group, need to enter the group name and select the affiliated group (if do not select a group, need to create a group).



Add Group Interface

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

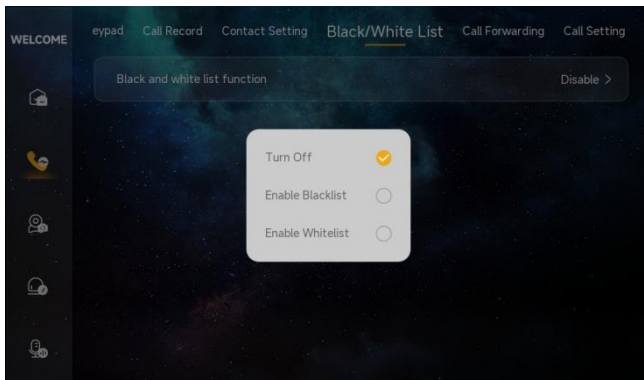
Contact List Info display range setting: After enabling, the contact list will only display the selected contacts.



Contact List Info display range setting Interface

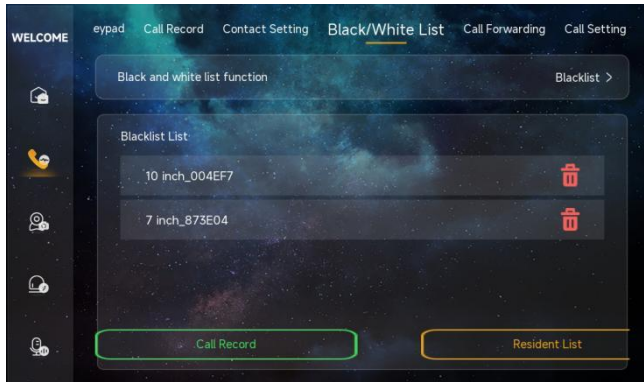
3.2.6 Black/White List

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



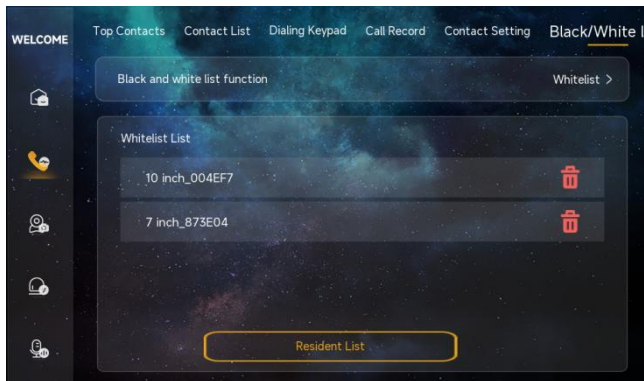
Black/White List Interface

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

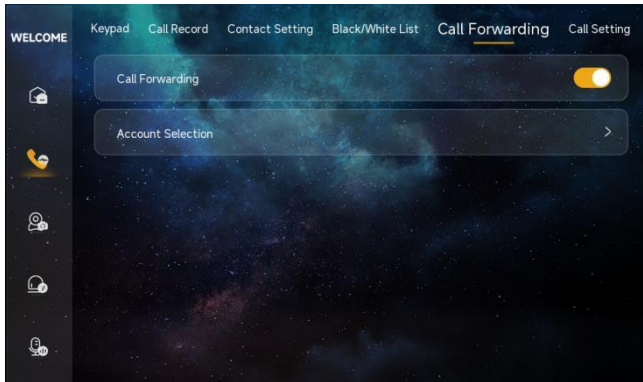
After the whitelist is enabled, support adding contacts from the resident list. Only whitelisted contacts can make calls to the device.



White List Interface

3.2.7 Call forwarding

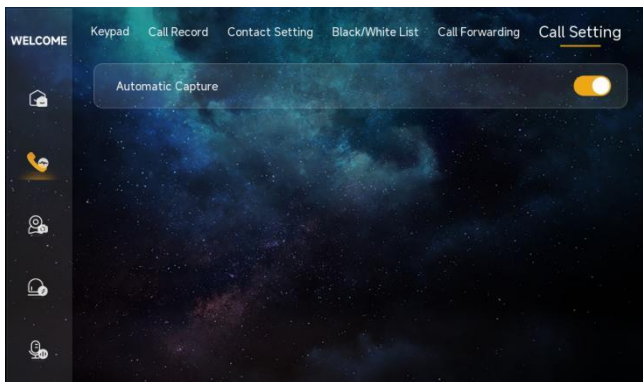
After enabling, you need to select an account. Once an account is selected, calls from other devices to this device will be transferred to the selected account.



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

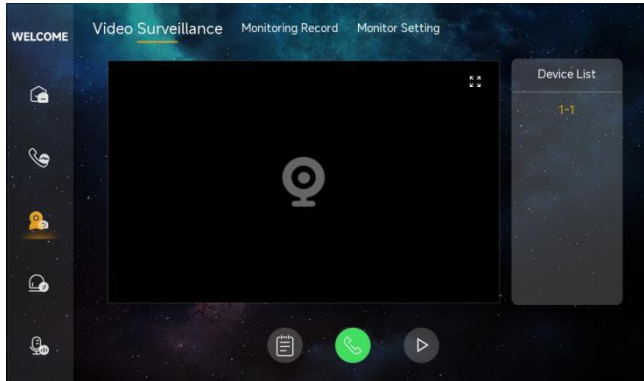
3.3 Video Surveillance

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.

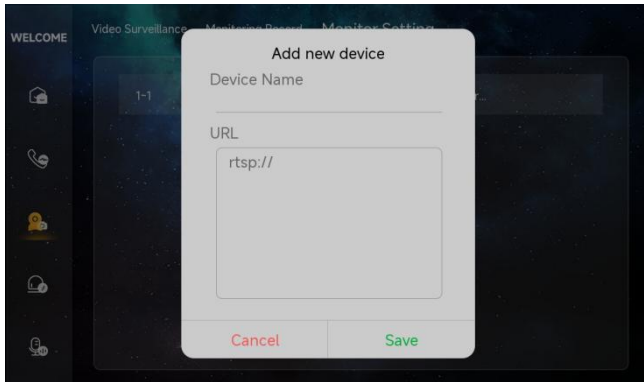


Monitoring Record Interface

3.3.3 Monitoring Setting

Monitoring Settings support checking all monitored URL address.

Add new device: enter the device name and URL.



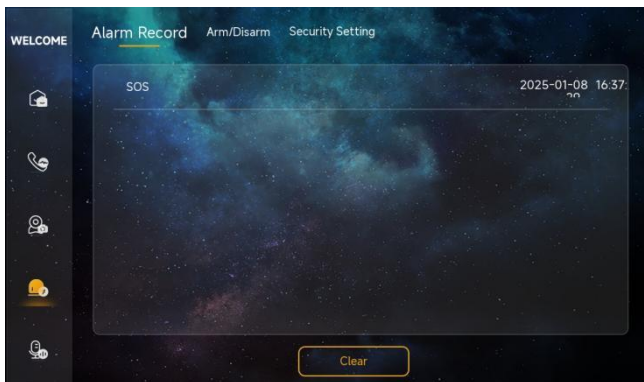
Add New Device Interface

3.4 Security & Alarm

3.4.1 Alarm Record

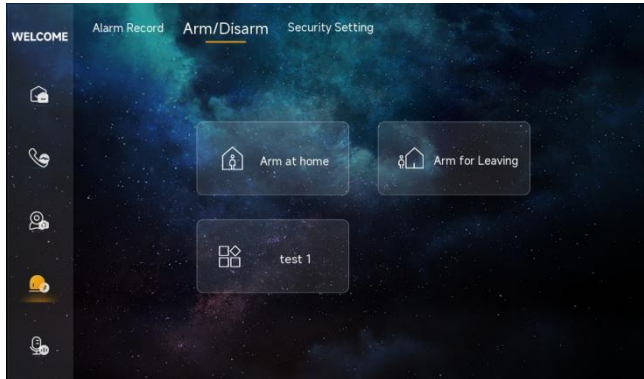
Display the alarm records of this device, with a maximum storage of 200 records.

Unread alarm records will be indicated with a red dot.



Alarm Record Interface

3.4.2 Arm/Disarm

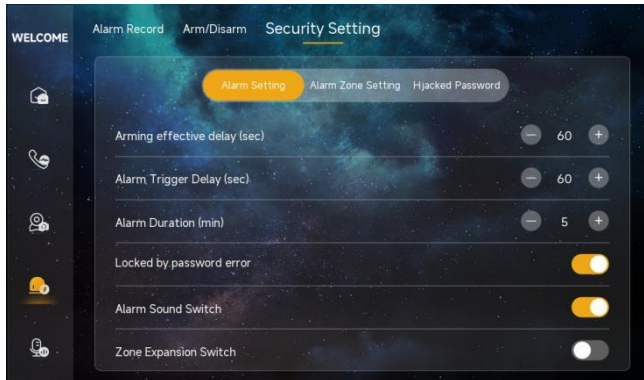


Arm/Disarm Interface

- 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

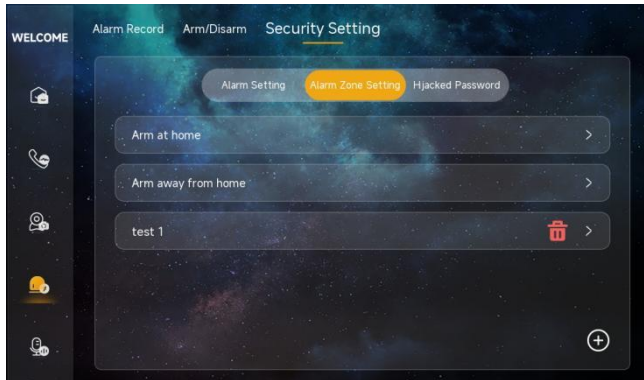
3.4.3.1 Arm Setting



Arm Setting Interface

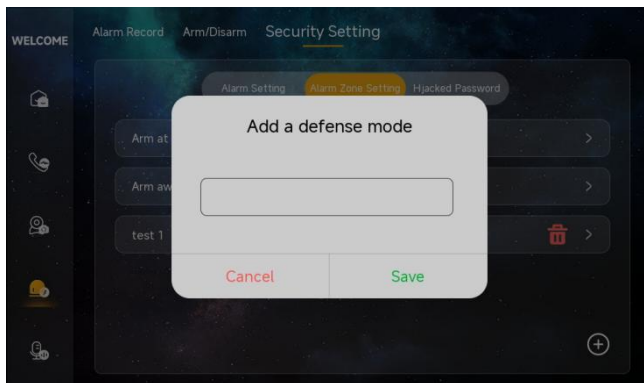
- **Arm Effective Delay:** After arming, the device will first enter arm active delay, if delay alarm is triggered during this period, the system will not sound the alarm.
- **Alarm Trigger Delay:** Under arming, when the delay alarm is triggered, if user can disarm within this countdown, the system 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

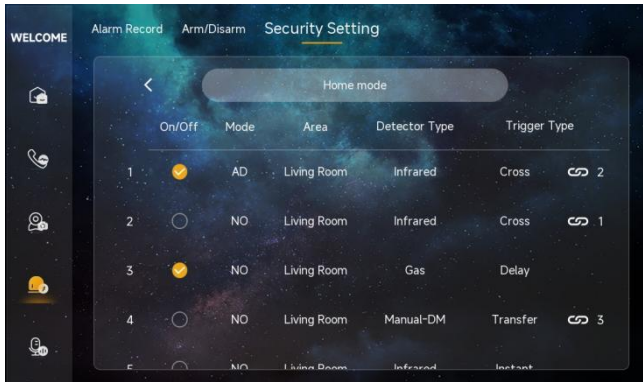
- Custom Zones: In addition to arm at home and arm away from home, user can add up to 2 additional zones.



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.

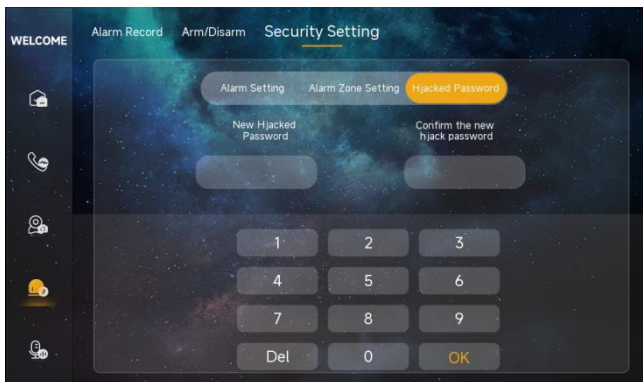
- Detector Type: Users can choose the default detector for sensing alarms, and custom detector types are supported.
- Trigger Type:
 - ◆ Instant alarm: After this defense area is armed, once it triggers, the alarm warning will be sent out immediately.
 - ◆ Delay alarm: After this defense area is armed, 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.



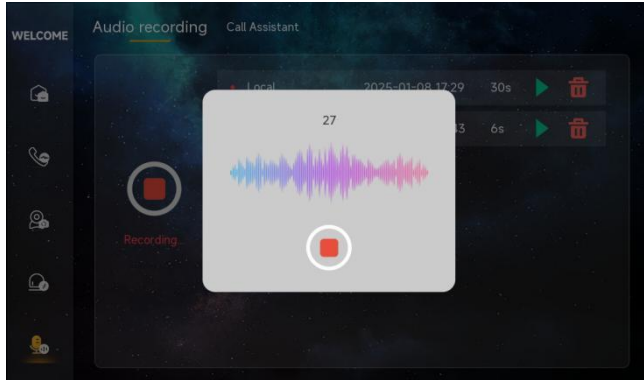
Hacked Setting Interface

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.

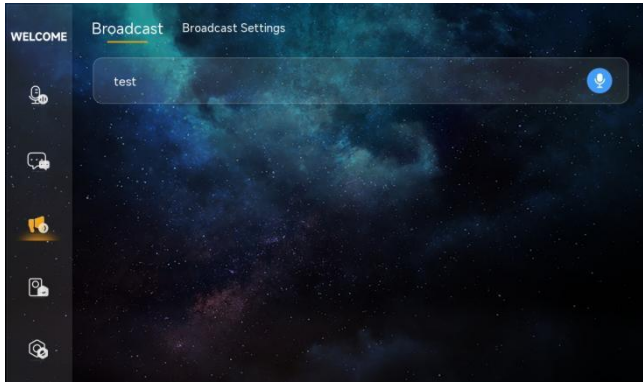
The Missed Call Assistant automatically turns off when the set duration countdown ends.

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

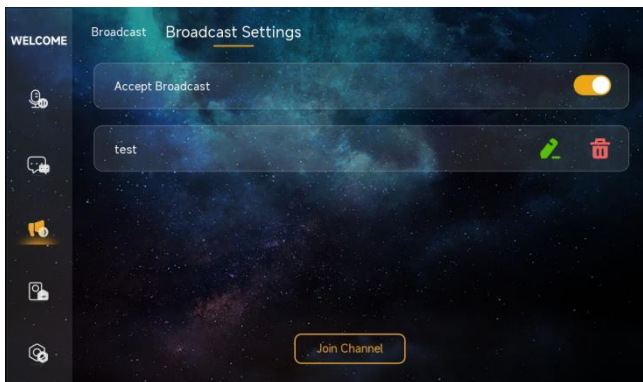


Broadcast Interface

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

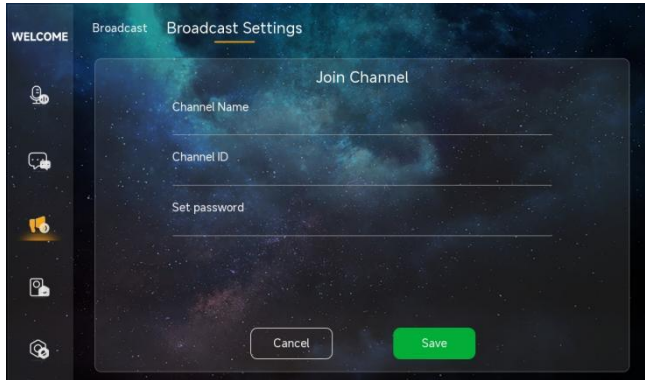
3.7.2 Broadcast Setting

- 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.



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

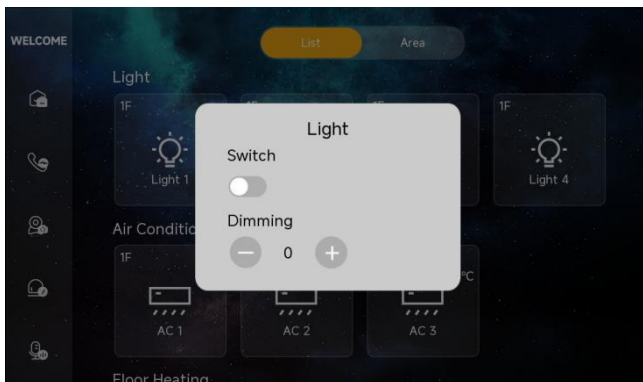
Press the corresponding scene to switch the relevant smart device to the corresponding scene mode.




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.

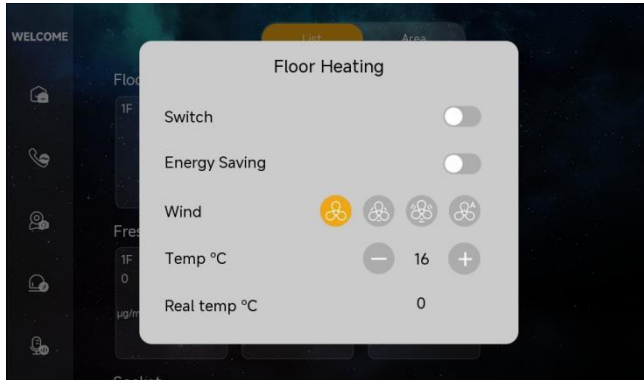


Air Conditioner Interface



- 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

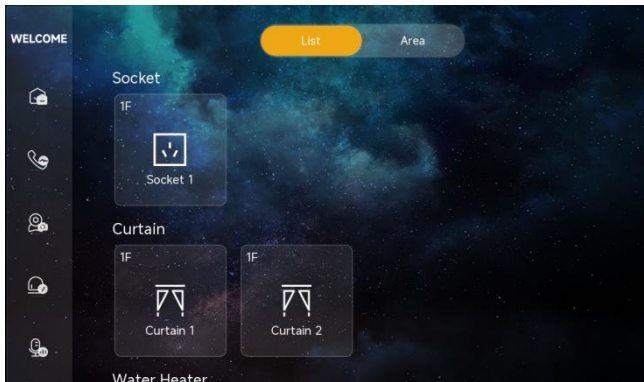
Press  to control the fresh air, and long press  to enter the fresh air control page.



Fresh Air Interface



3.8.6 Socket

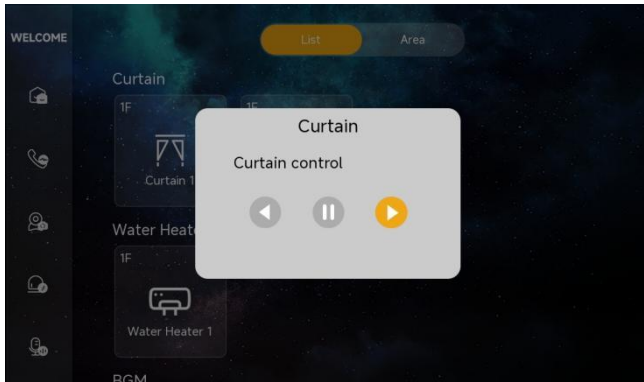
Press  to control the power switch of the socket.






Socket Interface

3.8.7 Curtain


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

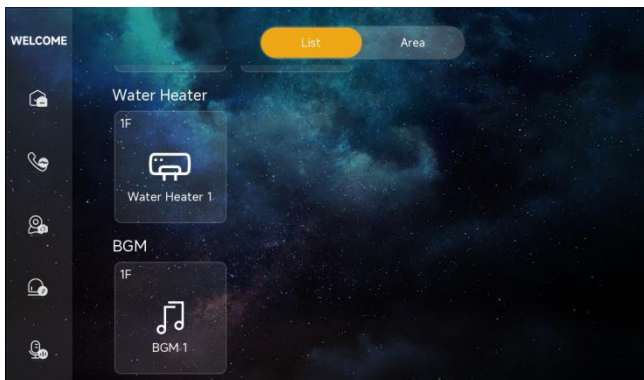


Curtain Interface

- 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

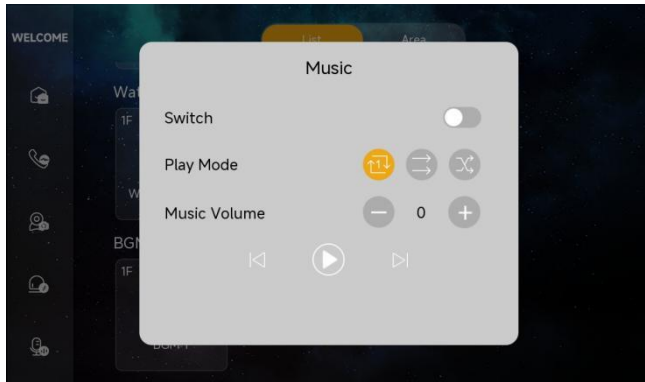
Press  to turn on/off the water heater.






Water Heater Interface

3.8.9 Background Music

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



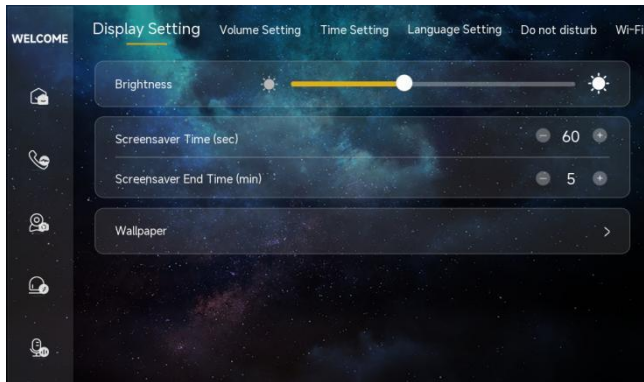
Background Music Interface

- 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

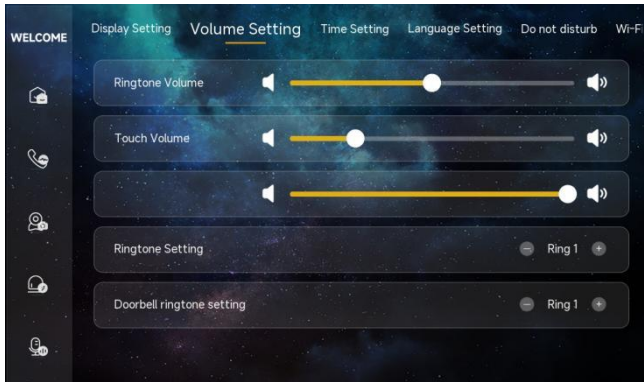


Display Setting Interface

- 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

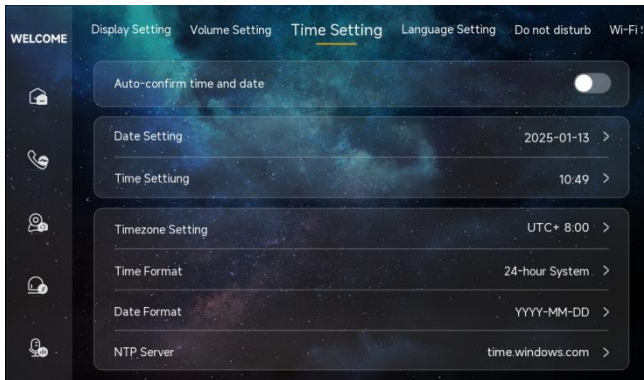


Volume Setting Interface

- 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

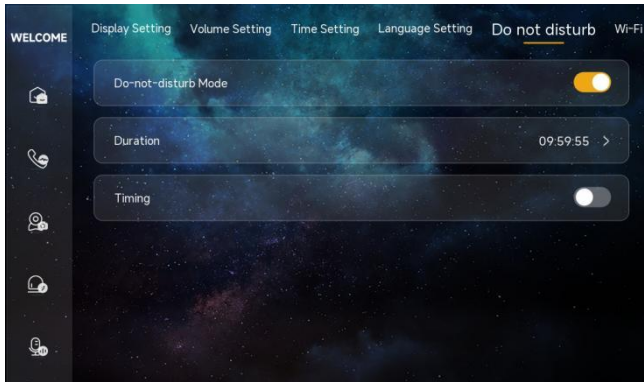


Language Setting Interface

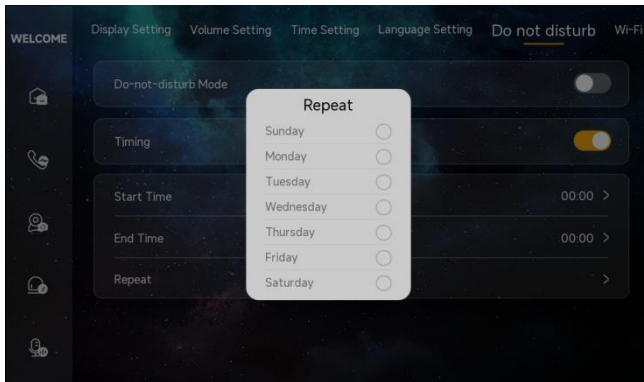
Available in English, Italian, Spanish, French, German, Hebrew, Simplified Chinese, Traditional Chinese, Russian, Portuguese, Vietnamese, Turkish, Arabic, Serbian, Indonesian, Polish, Romanian, Persian.

4.5 Do Not Disturb

Operation path: System Setting > Do not Disturb



Do Not Disturb Interface

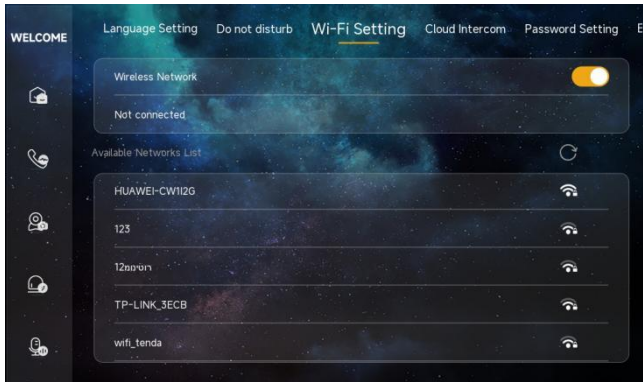


Timing Do Not Disturb Interface

- 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

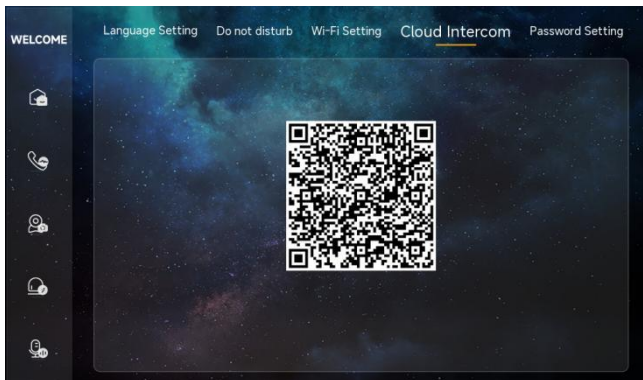


Wi-Fi Setting Interface

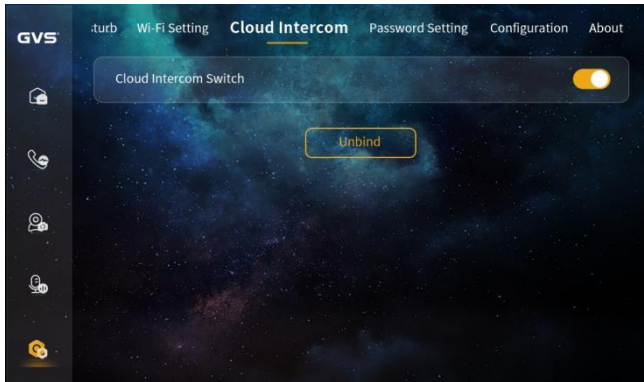
- Enable or disable the wireless network;
- Click on the connected Wi-Fi to modify the IP, DNS and other info;
- Select the available network in the Available Networks List, and enter the correct password to connect to the corresponding wireless network.

4.7 Cloud Intercom Setting

Operation path: System Setting > Cloud Intercom Setting



Cloud Intercom Setting Interface (Unbound)



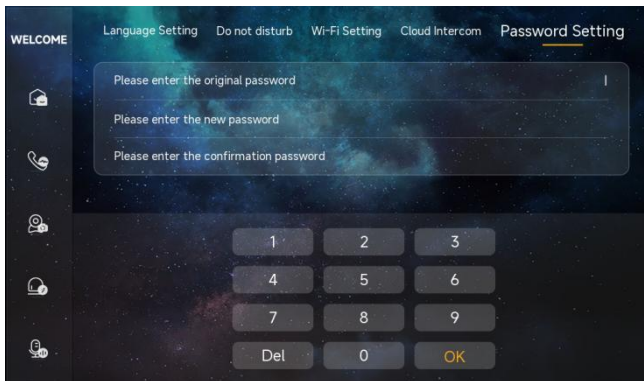
Cloud Intercom Setting Interface (Bound)

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

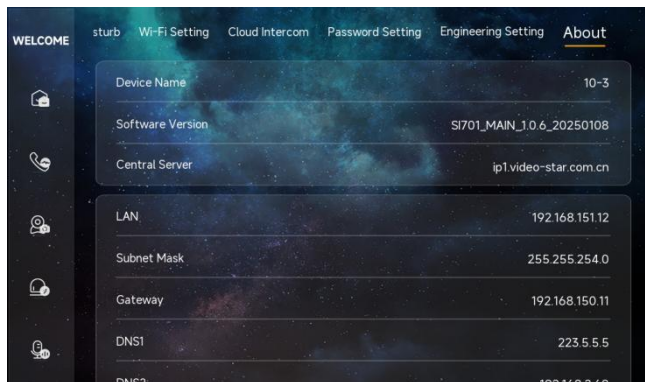


Password Setting Interface

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

4.9 About

Operation path: System Setting > About



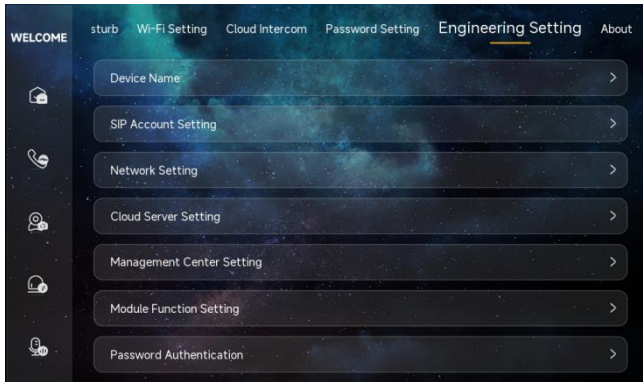
About Interface

- 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

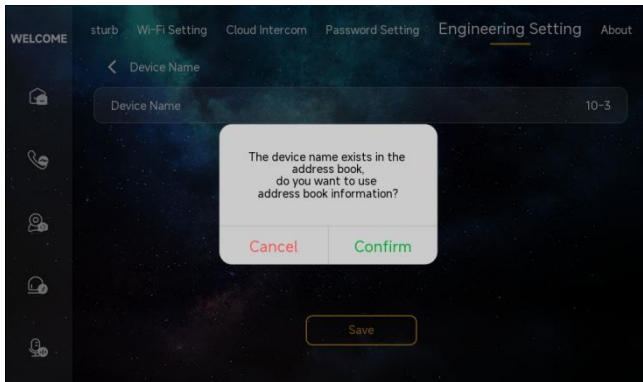
Enter the default configuration password 801801 to enter the following interface: device name, SIP account setting, network setting, cloud server setting, management center setting, module function setting, password authentication, reset password, community identification code and factory reset.



Configuration Interface

4.10.1 Device Name

Operation path: System Setting > Configuration > Device Name

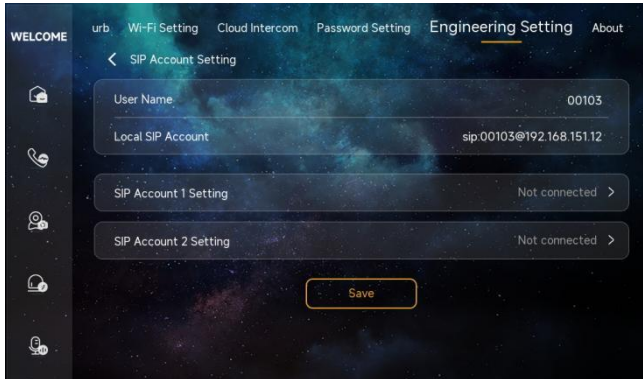


Device Name Interface

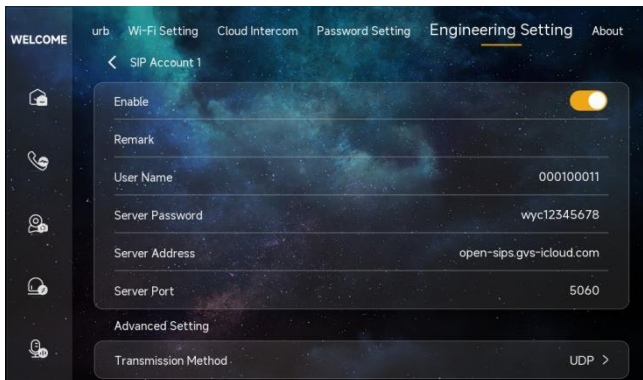
Device name: User can modify the device name. If the SIP account info in the address book is needed, user need to set the device name to the device name corresponding to the account info in the address book. There will be a window popping up to indicate whether to use the account info in the address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



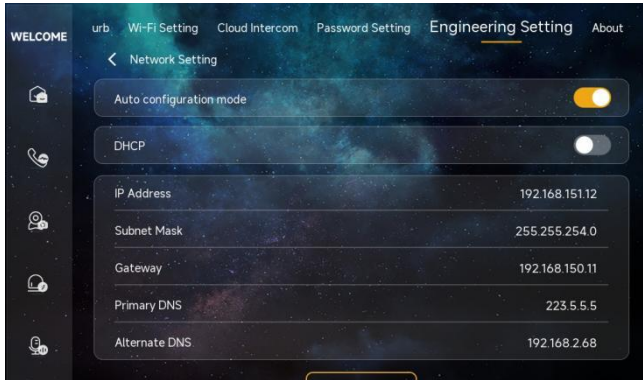
SIP Account 1 Setting Interface

- 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

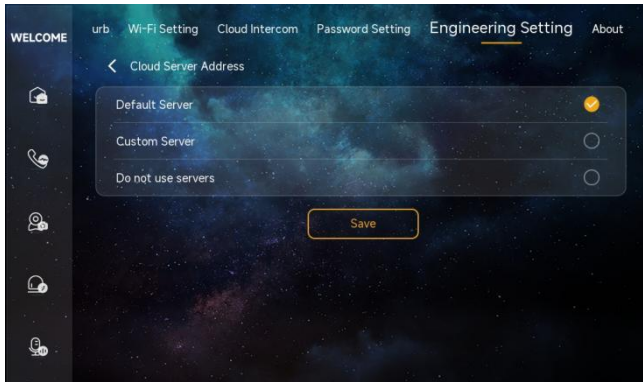


Network Setting Interface

- 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



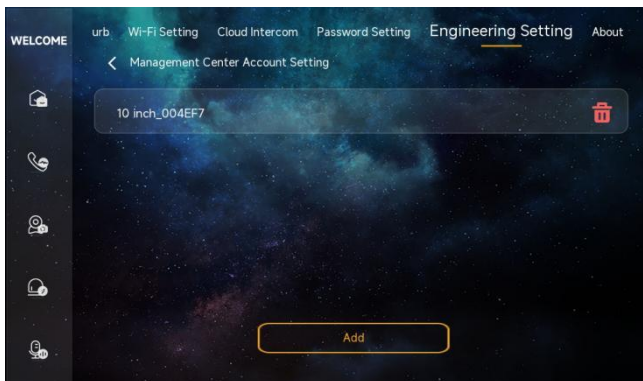
Cloud Sever Address Interface

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

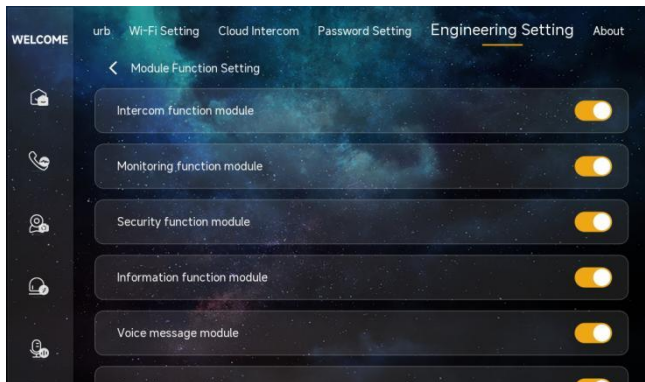


Management Center Setting Interface

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

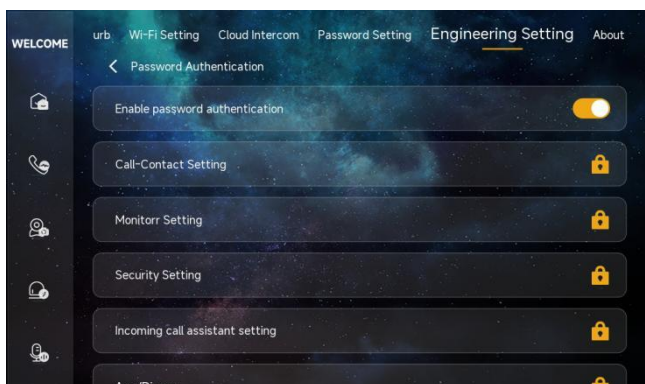


Module Function Setting Interface

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

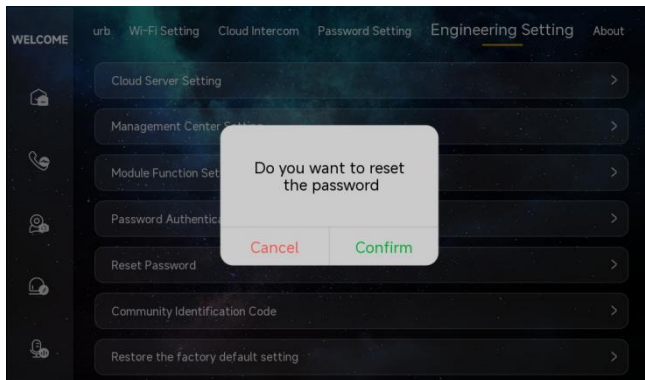


Password Authentication Interface

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

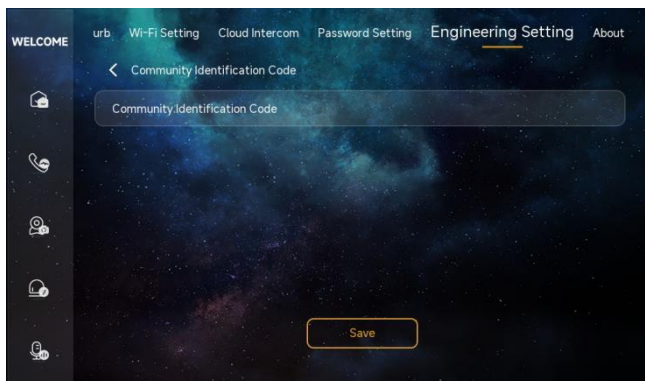


Reset Password Interface

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

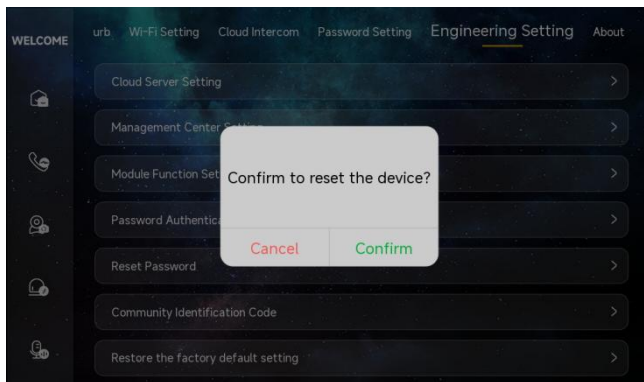
In cloud server mode or local server mode, you can associate this device with the

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.

Resources upgrade

Please make sure device types: SO001 Access password: ●●●●●● [Search equipment](#)

Address book [Logo](#) [Configuration file](#)

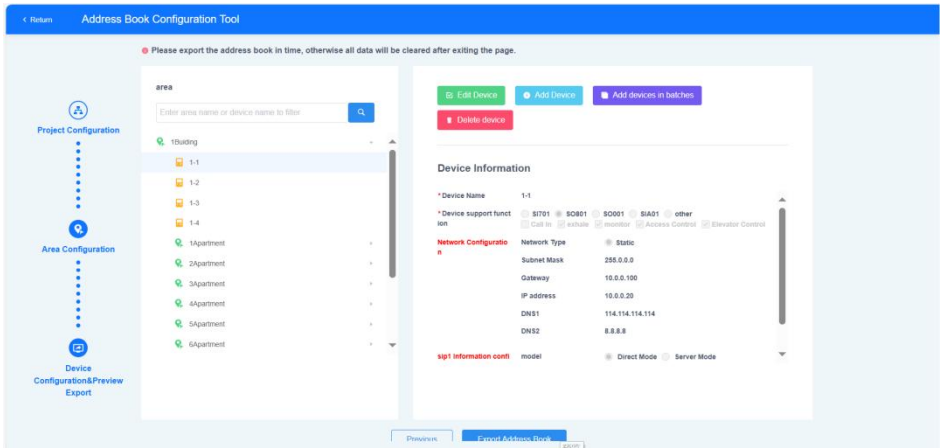
Please select the software version Please select the hardware version Please enter the MAC address [Filter](#)

<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-11000_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.

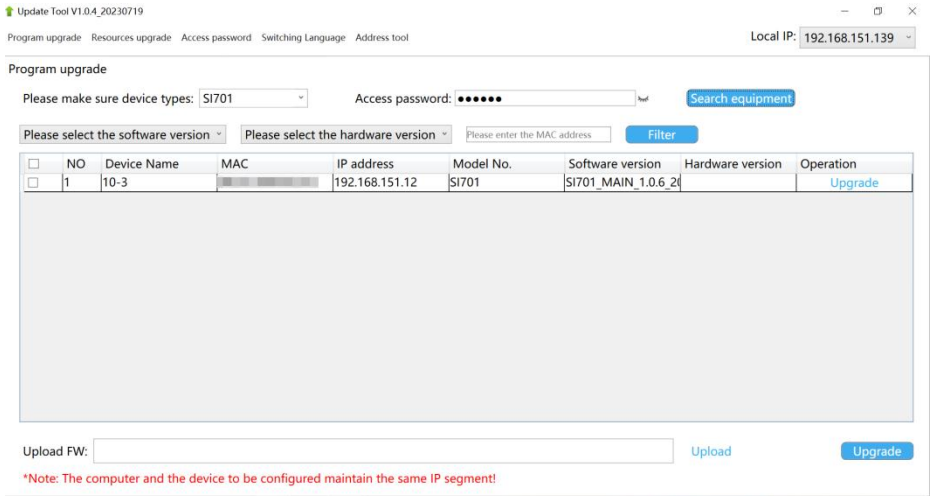
Chapter 6 Web Server

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.

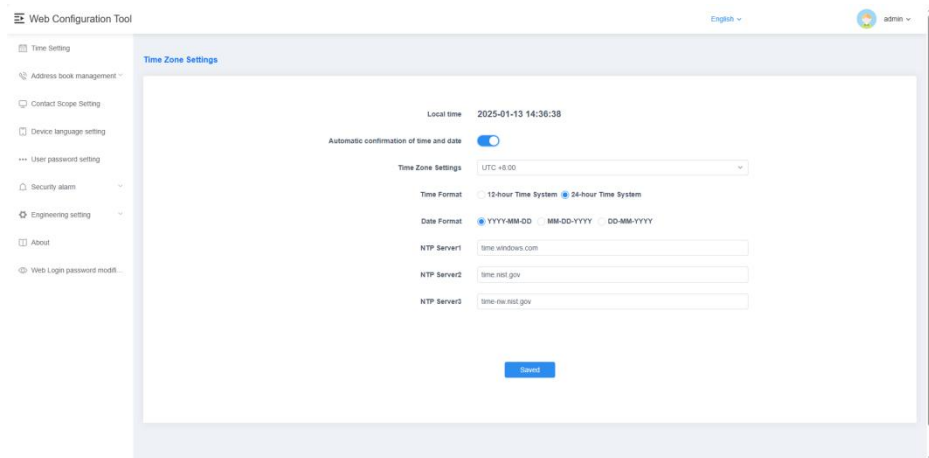


2. Browser input URL `http://ip_address/#/` , such as `http://192.168.151.5/#/` Enter the entrance machine configuration system webpage. The default password is admin. Attention: Please ensure that the computer IP and the device IP to be configured are in the same network segment.



6.2 Time Setting

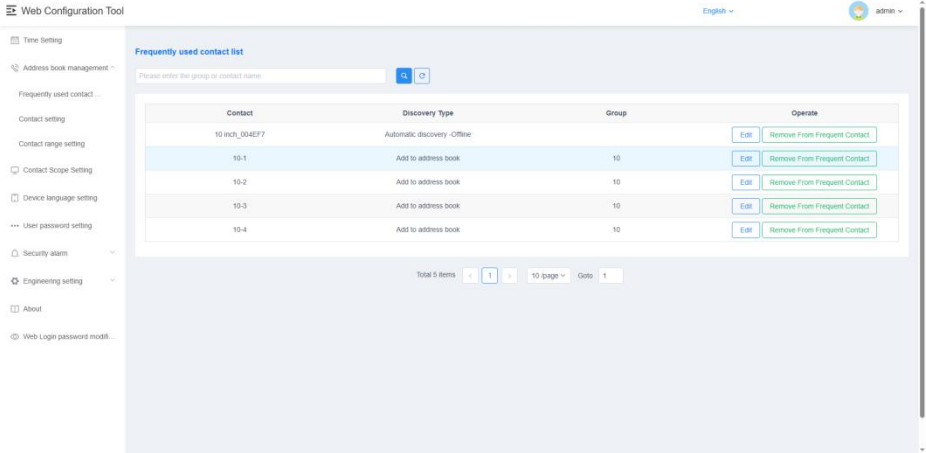
- Auto-confirm time and date: when enabled, automatically synchronizes date and time from the network NTP server according to the set time zone and format. Turn off automatic synchronization and manually set the date and time.
- Time Zone: Select the corresponding time zone based on the country you are 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

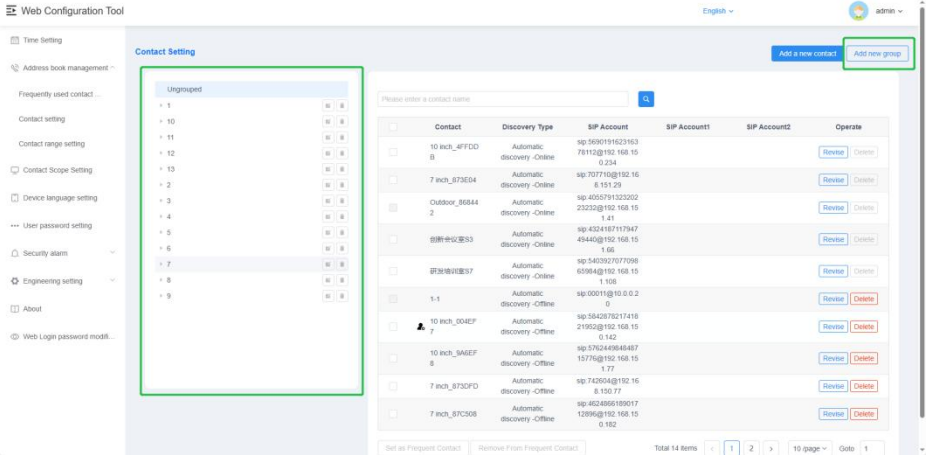
- Edit: Users can edit the relevant information of contacts.
 - Automatic Discovery: Users can edit notes, group affiliation, ringtone, and DTMF password;
 - Address Book Distribution: Users can edit notes, ringtone, and DTMF password;
 - Manual Addition: Users can edit notes, SIP account, group affiliation,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



6.3.2 Contact Setting

● Group

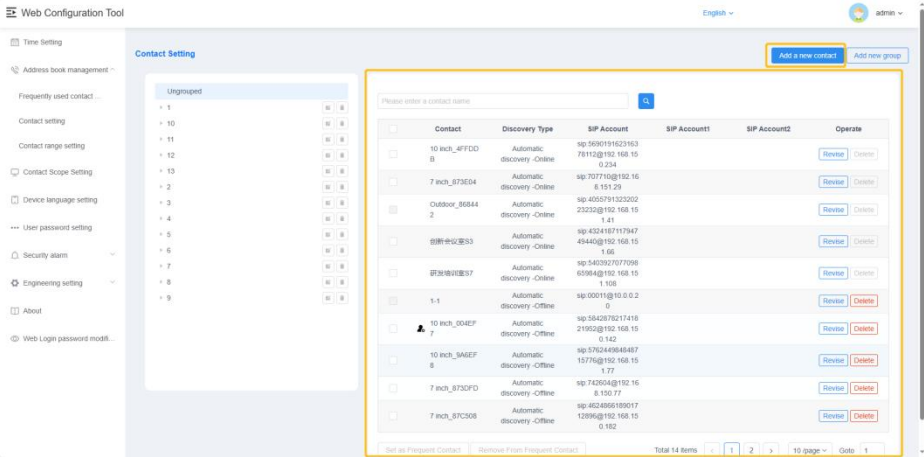
- Add: Enter the group name, select the parent group, and toggle the group call switch. When group call is enabled, you can make a one-key group call to all devices within the group.
- Edit: Users can edit the group name, parent group, and group call switch.
- Delete: Users can delete the corresponding 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

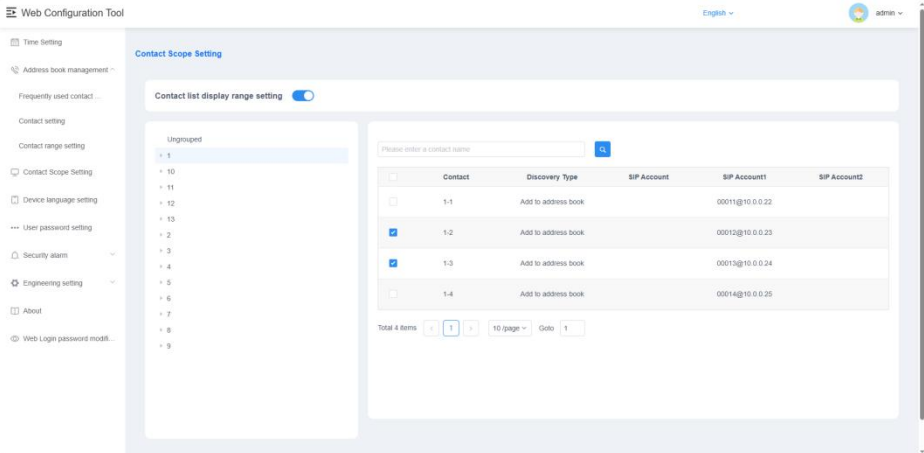
- Add: Enter the contact note, SIP account, select the parent group, and choose the incoming call ringtone. (If the device has access control function, you also need to enter the DTMF unlock password corresponding to the device).
- Revise:
 - ◆ Automatic Discovery: Users can edit notes, group affiliation,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



6.3.3 Contact Range Setting

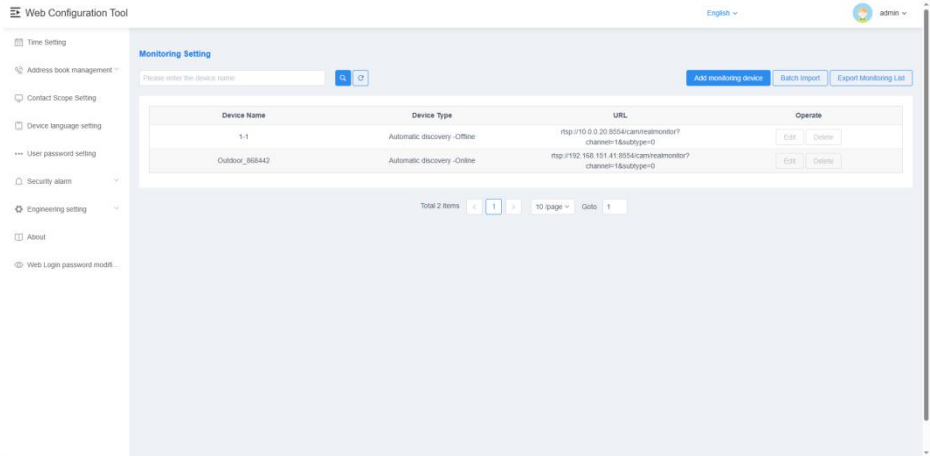
Contact List Display Range Setting: When enabled, the address book will only display the selected contacts.



6.4 Contact Scope Setting

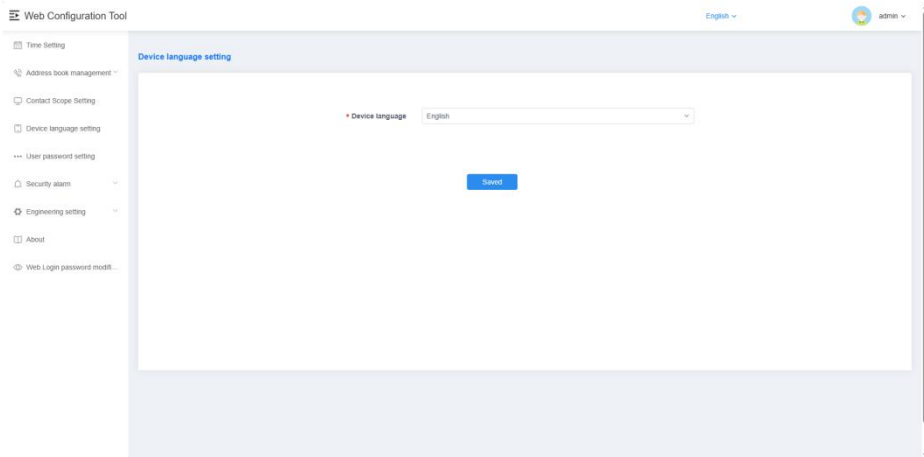
- Add Monitoring Device: Enter the device name and URL address to add.

- 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.



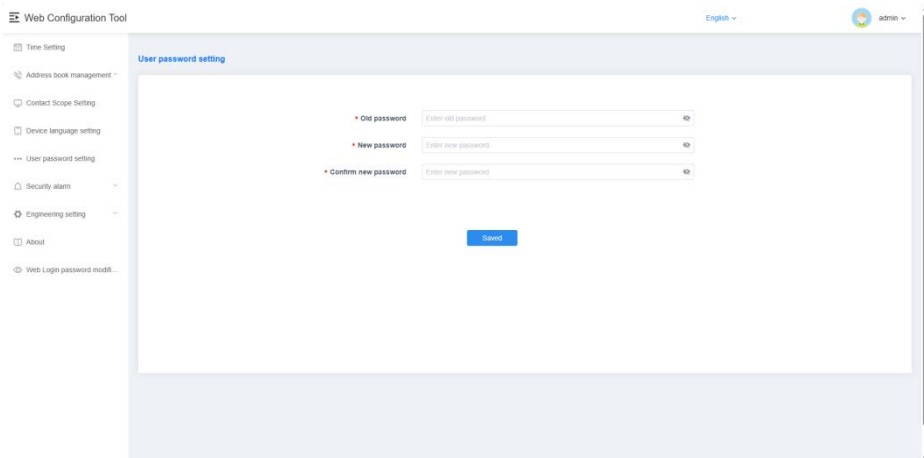
6.5 Device Language Setting

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.



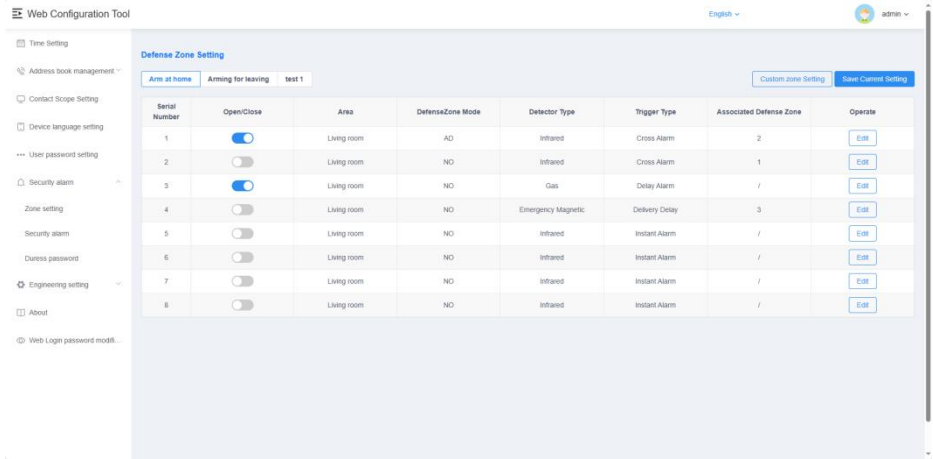
6.6 User Password Setting

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

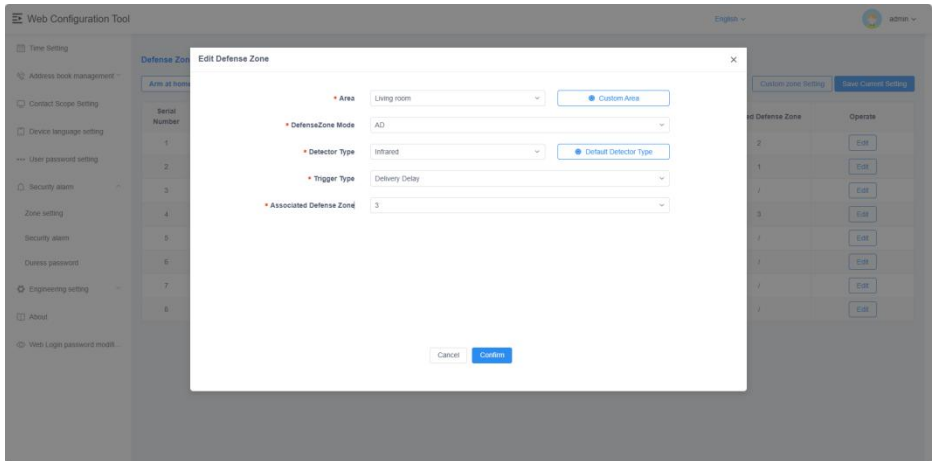


6.7 Security Alarm

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.



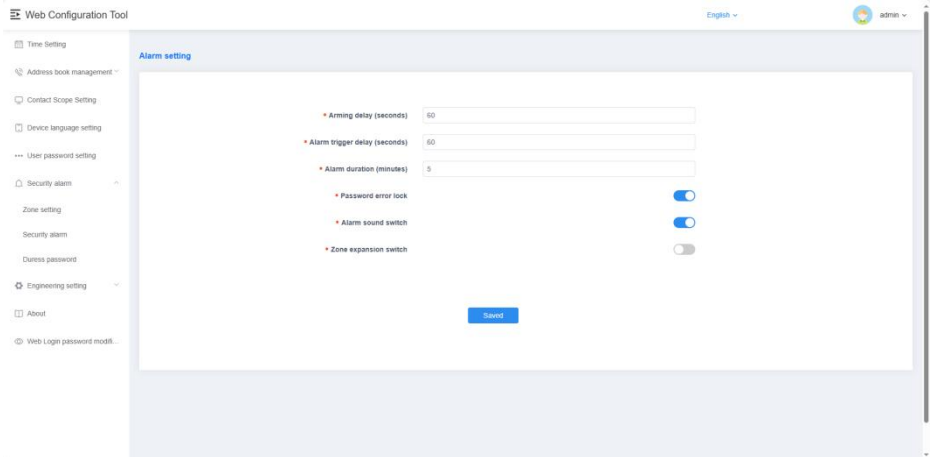
- Arm at home/Arm away from home/Custom zones:
 - Switch: Turn on to activate the current defense mode.
 - Area: Users can choose the default area, and custom areas are also supported.

- 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

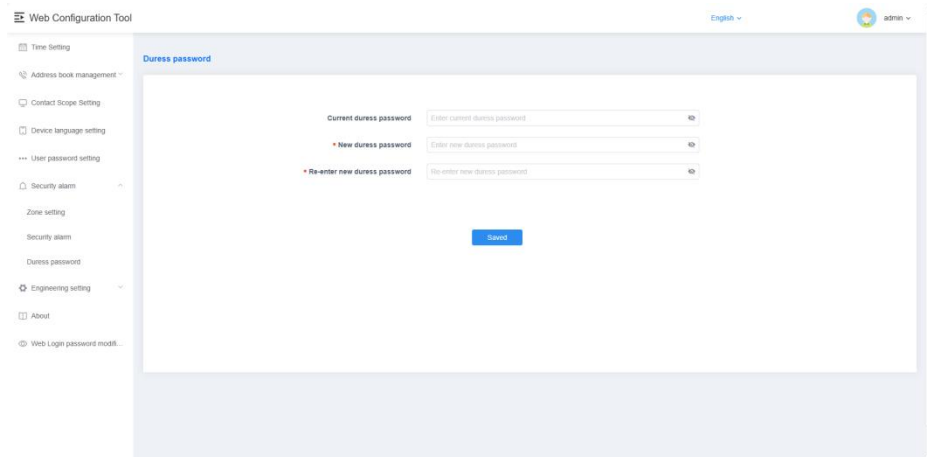
- Arm Effective Delay: After arming, the device will first enter arm active delay, if delay alarm is triggered during this period, the system will not sound the alarm.

- **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

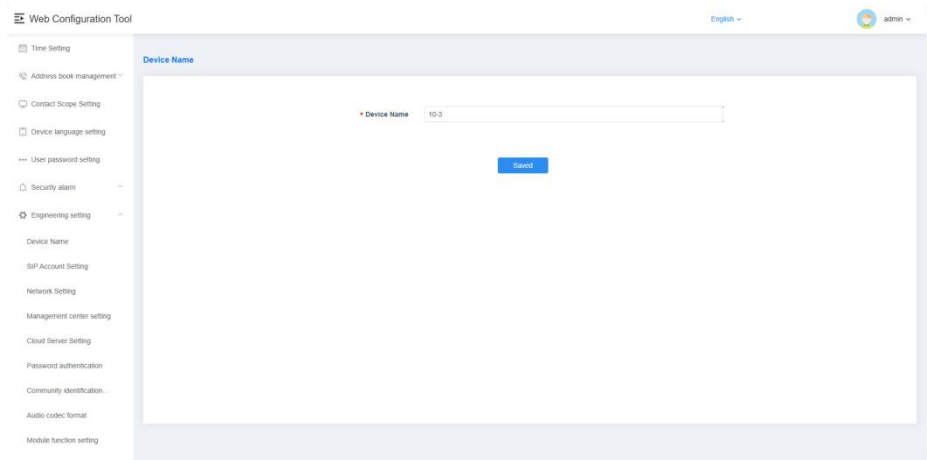
Users need to enter the current duress password, the new duress password, and then enter the new duress password again. If it is the first time modifying the duress password, there is no need to enter the current duress password.



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.



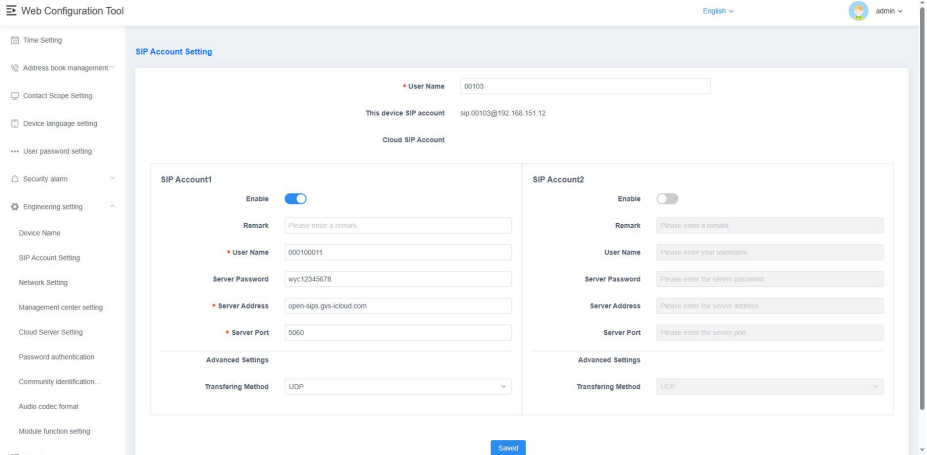
6.8.2 SIP Account Setting

- 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 'SIP Account Setting' page in a web configuration tool. The page is titled 'SIP Account Setting' and has a 'Save' button at the bottom right. The main content area is divided into two columns: 'SIP Account1' and 'SIP Account2'. Each column has an 'Enable' toggle switch, a 'Remark' field, and several input fields for 'User Name', 'Server Password', 'Server Address', and 'Server Port'. Below these is an 'Advanced Settings' section with a 'Transferring Method' dropdown menu. The 'SIP Account1' section is currently active, with the 'Enable' toggle turned on and the 'User Name' field containing '000100011'. The 'SIP Account2' section is currently inactive, with the 'Enable' toggle turned off. The top of the page shows 'Web Configuration Tool' and 'English' language selection. The left sidebar contains a navigation menu with options like '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'.

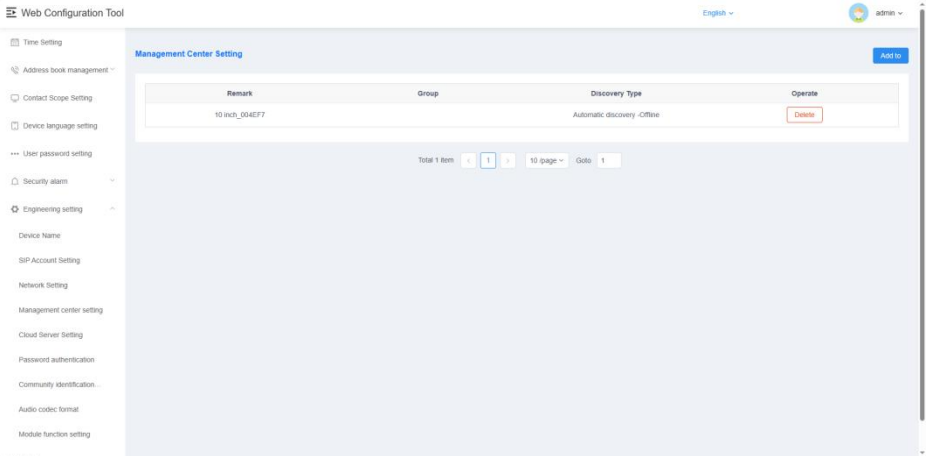
6.8.3 Network Setting

- 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.

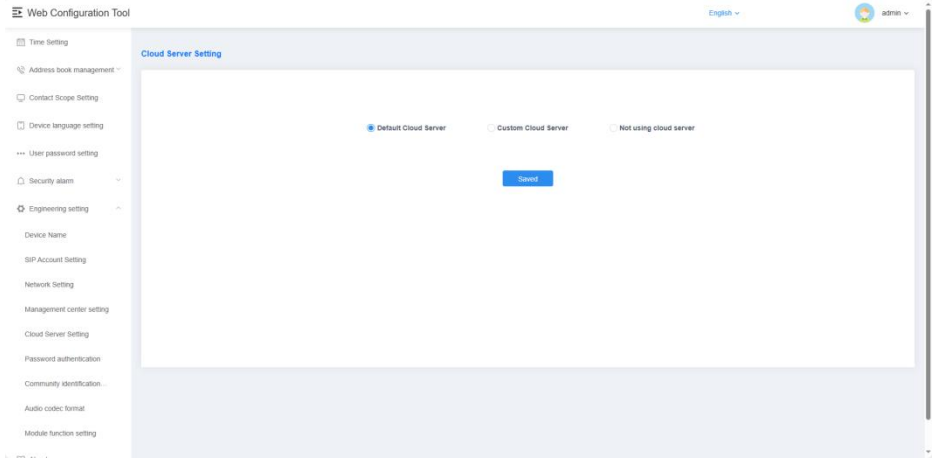


6.8.4 Management Center Setting

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.

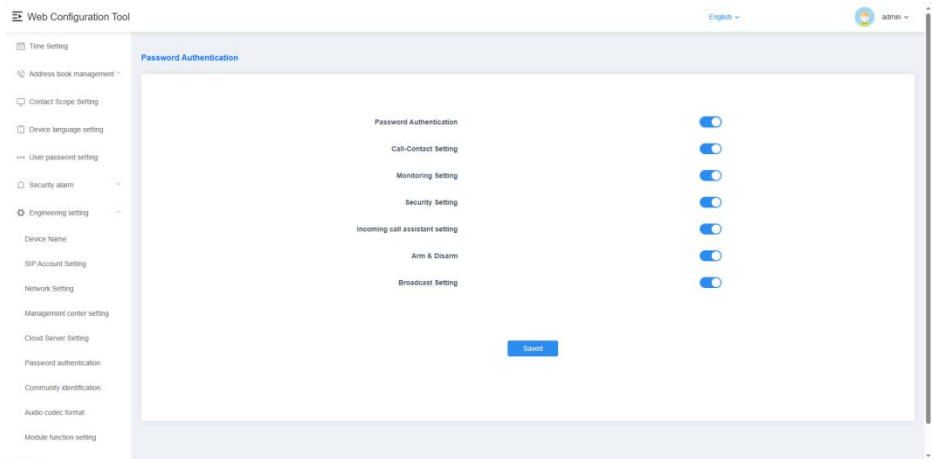


6.8.5 Cloud Server Setting



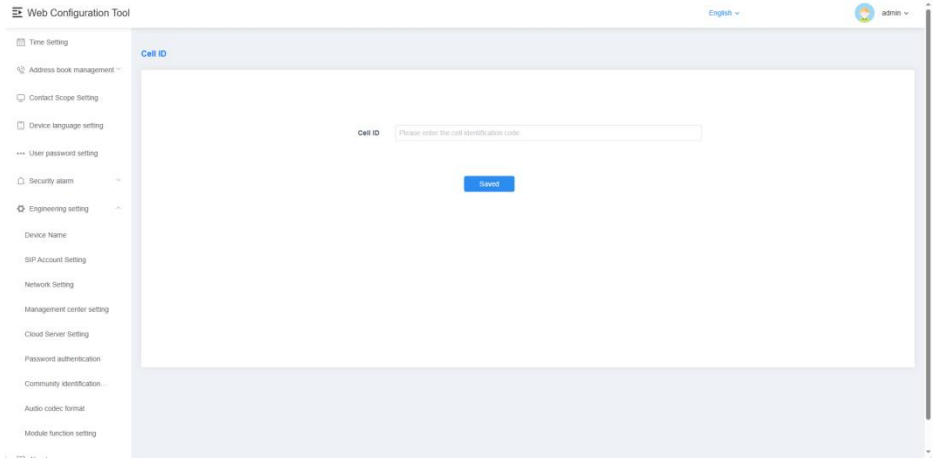
Cloud server is set to default server by default, and the custom cloud server requires manual input of the server address, and the server will be closed if the user chooses not to use the servers.

6.8.6 Password Authentication



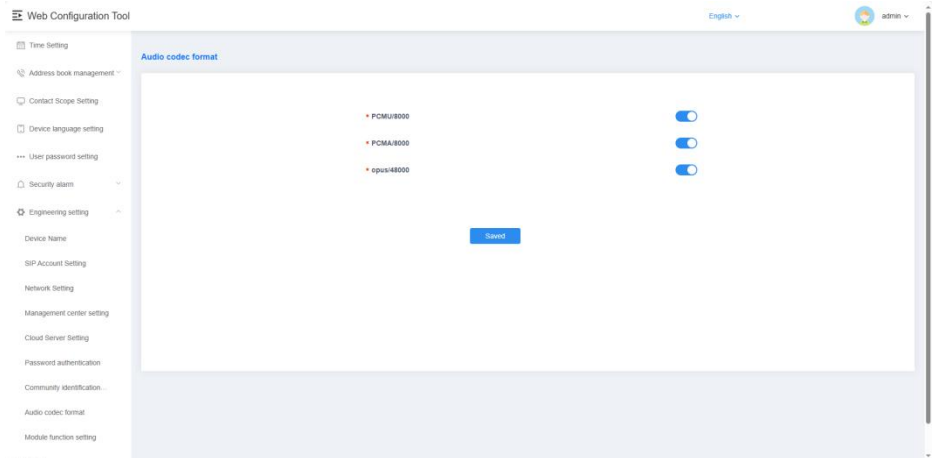
When password authentication is enabled, the corresponding functions are encrypted, user need to enter the user password.

6.8.7 Community Identification Code



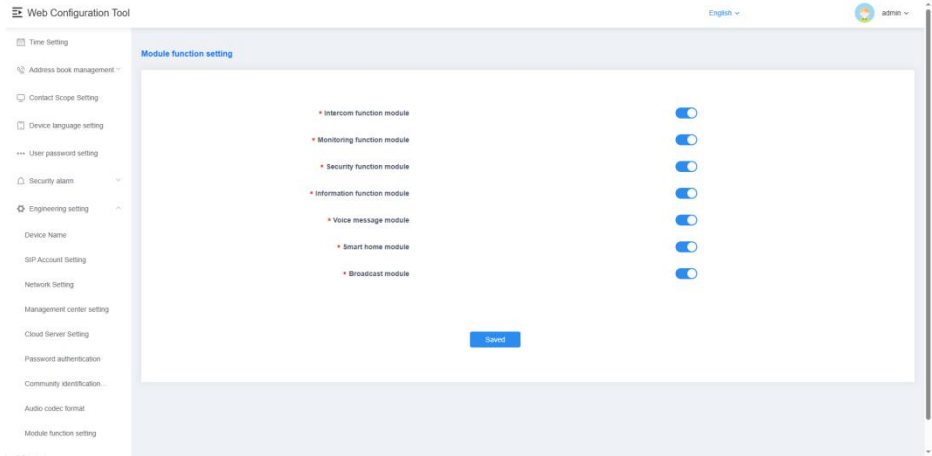
In cloud server mode or local server mode, you can associate this device with the corresponding community by entering the community identification code.

6.8.8 Audio Code Format



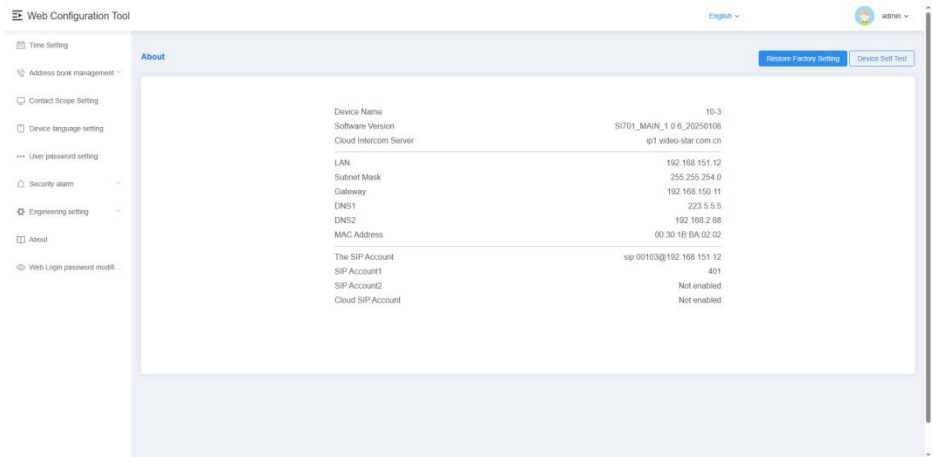
Set the audio codec format. Users can choose to enable/disable PCMU, PCMA, and OPUS.

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.

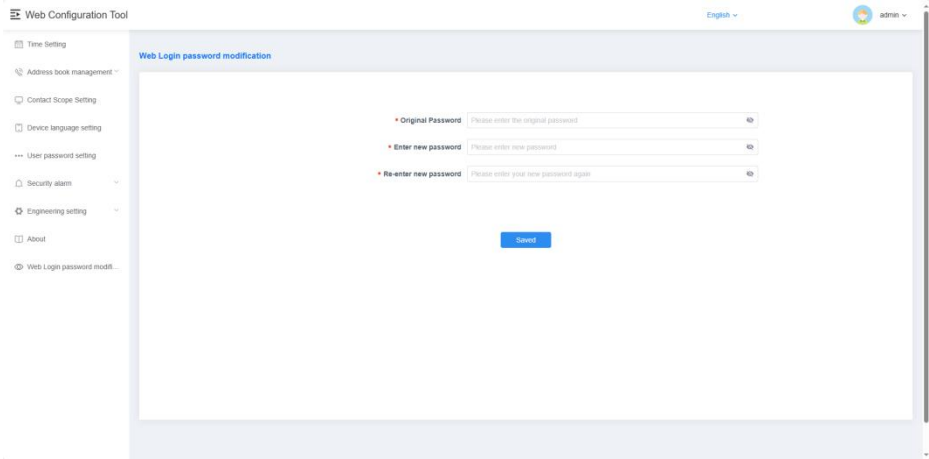
6.9 About



- 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 navigation menu with options like 'Time Setting', 'Address book management', 'Contact Scope Setting', 'Device language setting', 'User password setting', 'Security alarm', 'Engineering setting', 'About', and 'Web Login password modification'. The main content area is titled 'Web Login password modification' and contains three input fields: 'Original Password' (with placeholder 'Please enter the original password'), 'Enter new password' (with placeholder 'Please enter new password'), and 'Re-enter new password' (with placeholder 'Please enter your new password again'). A blue 'Save!' button is positioned below the fields. The top right of the interface shows 'English' and a user profile 'admin'.

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