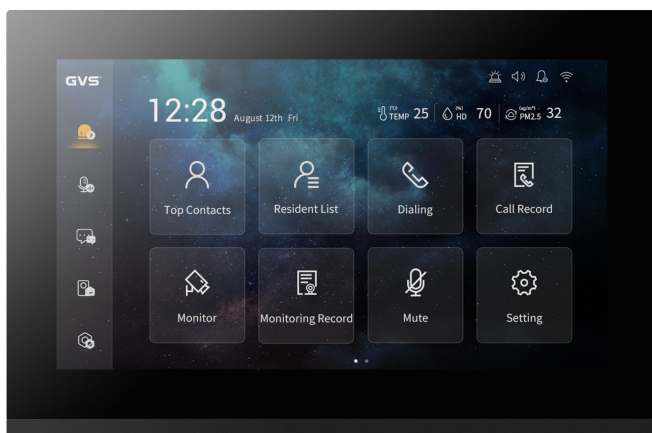


Indoor Monitor



S Series Digital System Indoor Monitor

User Manual_V1.0

Model No.: SI701

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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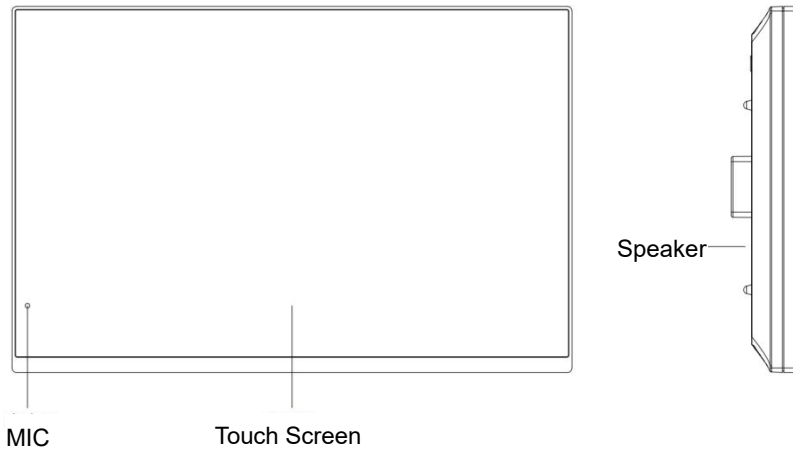
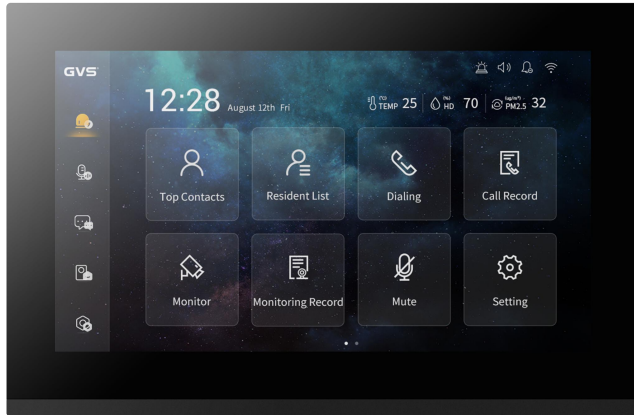
Chapter 1 Function Review

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:

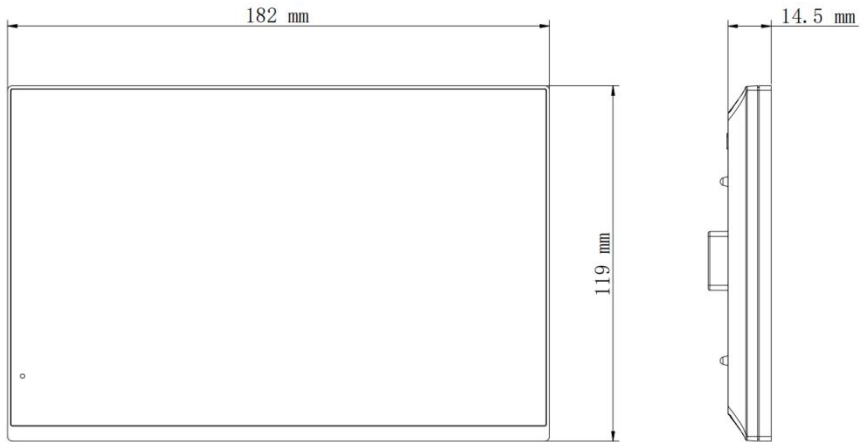
- **7" capacitive touch screen**
- **Support custom wallpaper and screensaver**
- **Support real time surveillance to outdoor/villa station, IP camera**
- **Support multi - indoor monitor in one apartment**
- **Support the blacklist and whitelist function to intercept unfamiliar call**
- **New missed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

Chapter 2 Product Introduction

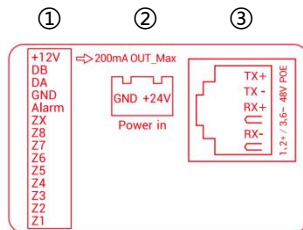
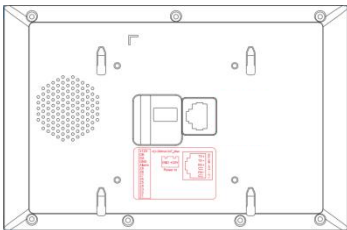
2.1 Product Appearance



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 with 1、 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: ≤ 200 mA

Screen Size: 7 inch

Resolution: 1024 × 600

Appearance Dimension (L × W × D): 182 × 119 × 15mm

Environment Temp.: -10°C ~ +45°C

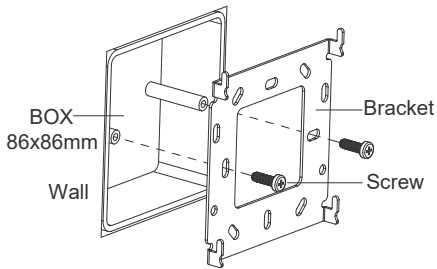
2.5 Installation height



Suggestion Installation Height: 1.5m

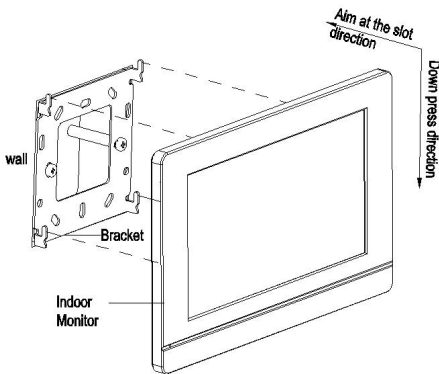
2.6 Installation Instruction

①



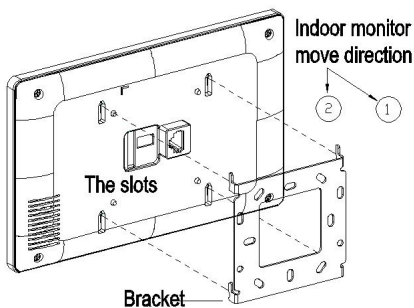
Step 1: Aim the bracket screws to the holes on the 86*86 installation box and fasten the bracket.

②

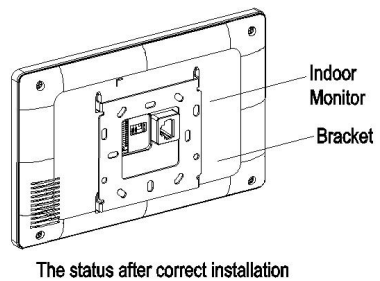


Step 2: Wire the indoor station, then aim the bracket at the bracket holes on the back of the indoor station (as of ②), when all four holes are aimed, lightly push down the monitor vertically (as of ③), thereupon you will hear a slight crack sound, the device is then properly installed (as of ④).

③

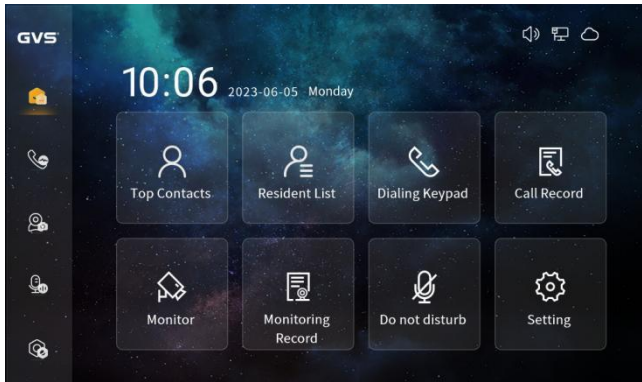


④




Chapter 3 Basic Function

3.1 Standby Interface




Standby Interface


Top Contacts

Press  to check and call the top contracts that have been added.


Resident 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.


Call Record

Press  to check, read, delete call history among Indoor Monitor, Outdoor Station and Guard Unit.

Monitor

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


Monitoring Record

Press  to check, read, delete video surveillance history among Indoor Monitor, Outdoor Station and Guard Unit.

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.

Message

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

Setting

Press  to enter Setting page.

Device Configuration

Community

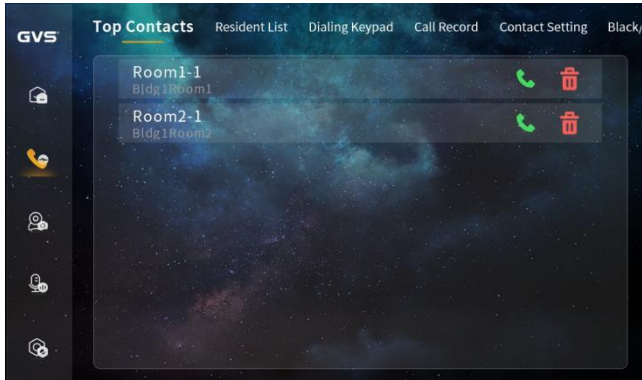
1. Power on to select a language and configure the network (disable auto configuration).
2. Create a smart cloud intercom APP account, bind to the created community, scan the cloud intercom binding QR code on the device, and bind the device to the community.

Villa


1. Power on to select a language and configure the network (enable auto configuration).
2. Create smart cloud intercom APP account, click "Add" in the upper left corner of the APP standby interface, select create house, build your own house.
3. Scan the cloud intercom binding QR code on the device and bind the device to the created house.

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 Resident 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;

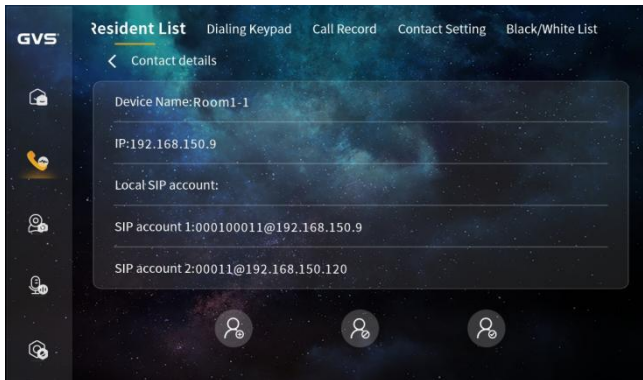


Indicates that the devices on the same network segment discovered by the device are currently offline;





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.



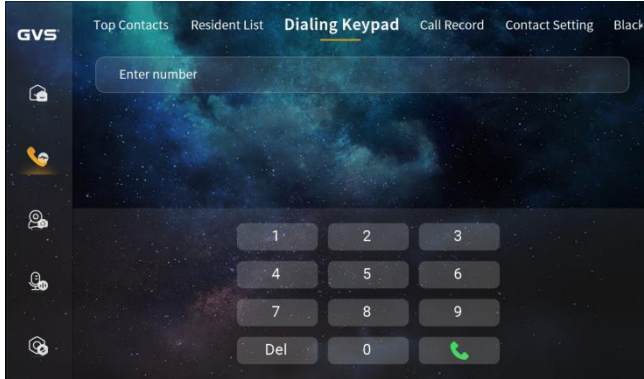
Contact Details Interface

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.

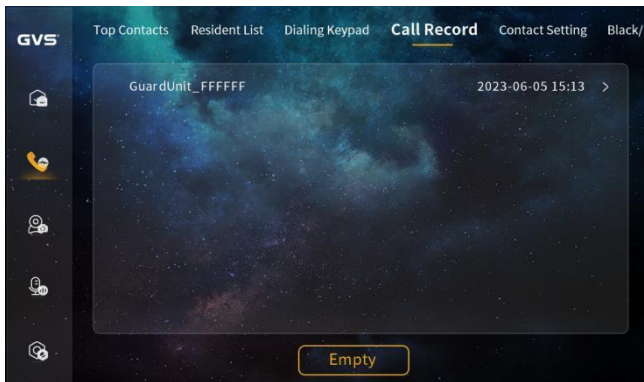
3.2.3 Dialing Keypad



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

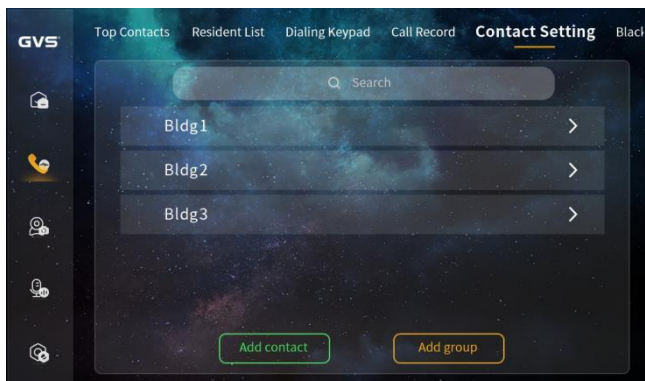


Call Record Interface

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.

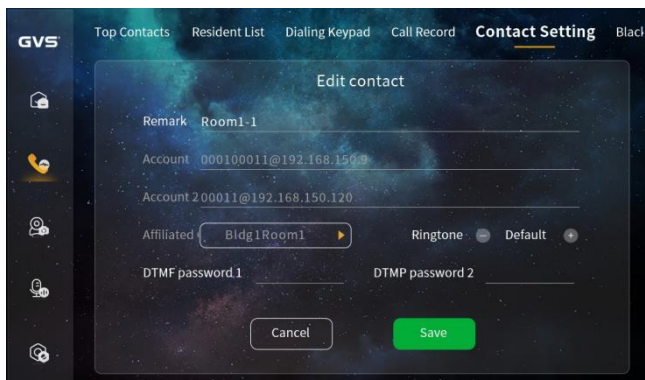
3.2.5 Contact Setting

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



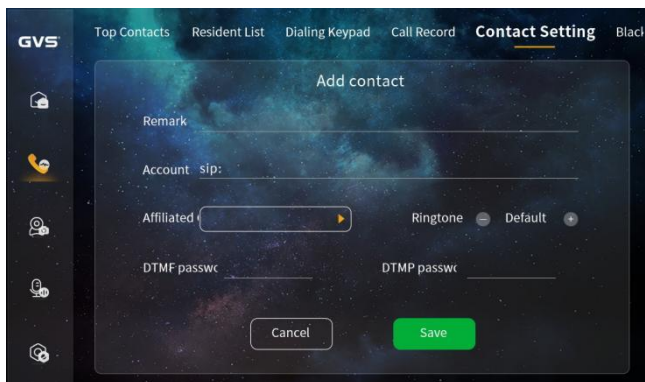
Contact Setting Interface

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



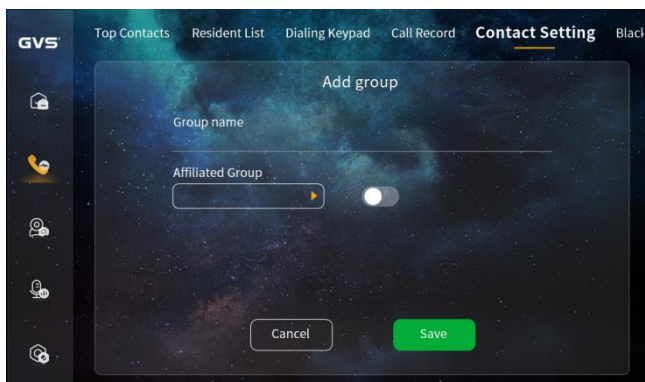
Edit Contact Interface

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).

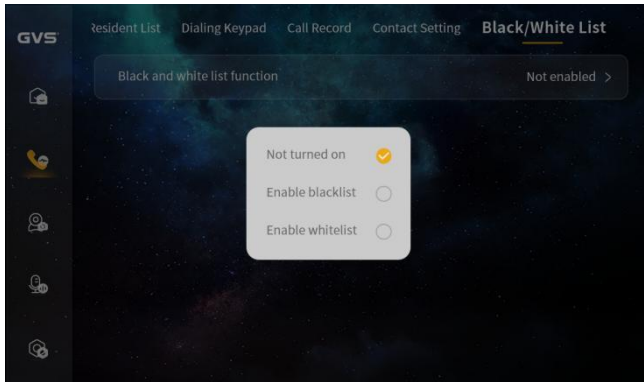


Add Group Interface

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

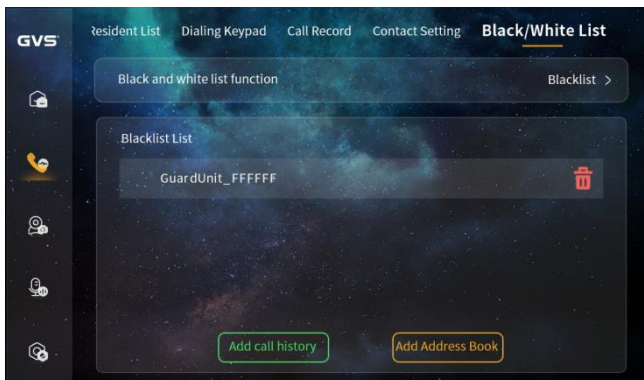
3.2.6 Black/White List

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



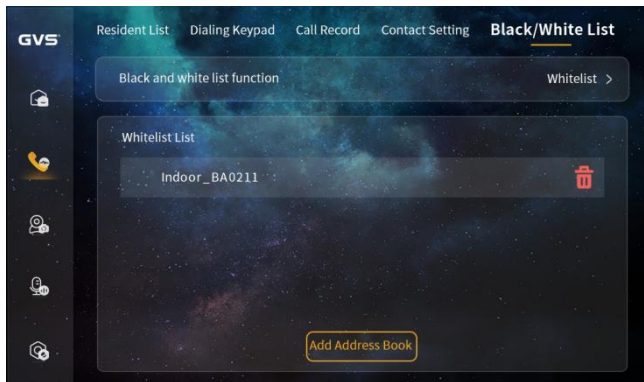
Black/White List Interface

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

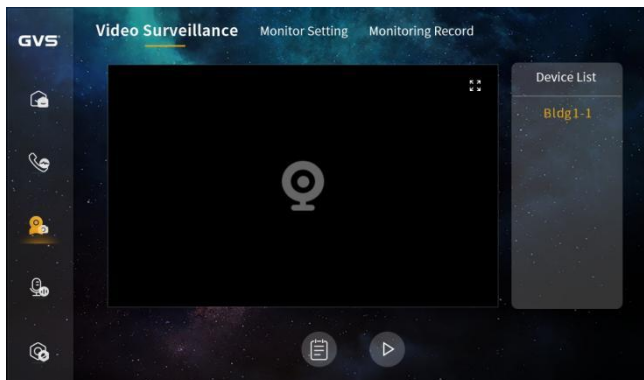
3.3 Video Surveillance

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.

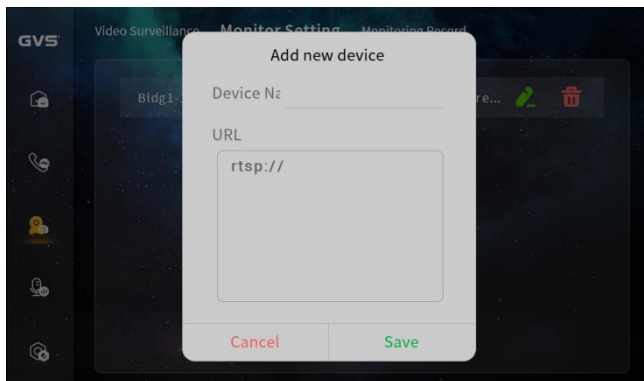


Monitoring Record Interface

3.3.3 Monitoring Setting

Monitoring Settings support checking all monitored URL address.

Add new device: enter the device name and URL.

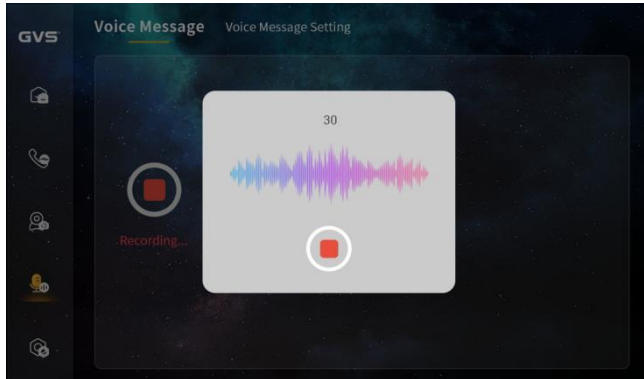


Add New Device Interface

3.4 Voice Message

3.4.1 Voice Message Record

Voice messages save local recordings and call messages after the Missed Call Assistant is enabled.

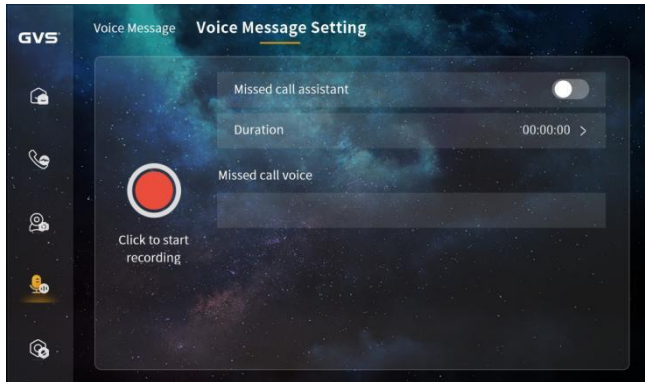


Voice Message Record Interface

3.4.2 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.



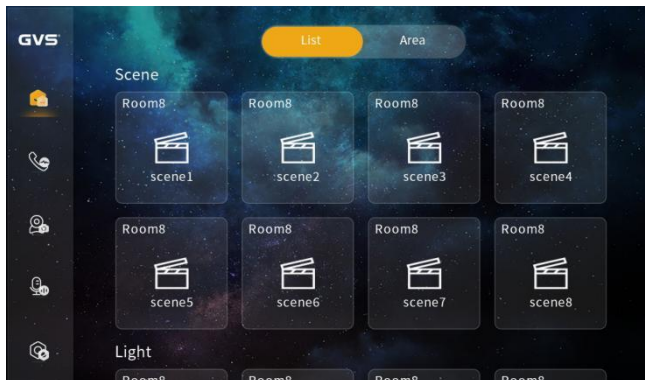
Missed Call Assistant Interface

3.5 Smart Home

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



3.5.1 Scene

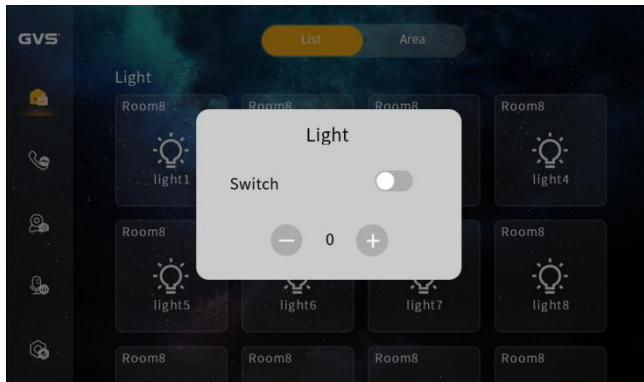
Press the corresponding scene to switch the relevant smart device to the corresponding scene mode.




Scene Interface

3.5.2 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.

3.5.3 Air Conditioner



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

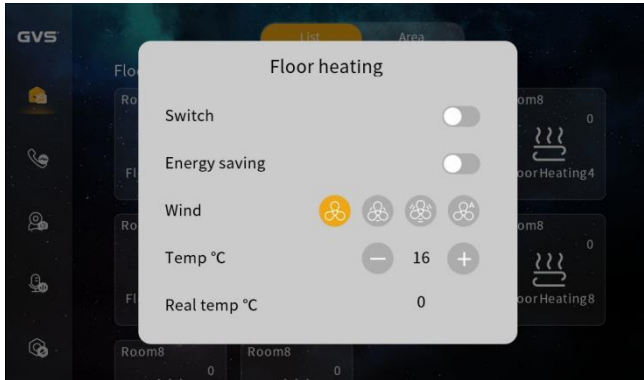


Air Conditioner Interface



- 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.

3.5.4 Floor Heating



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

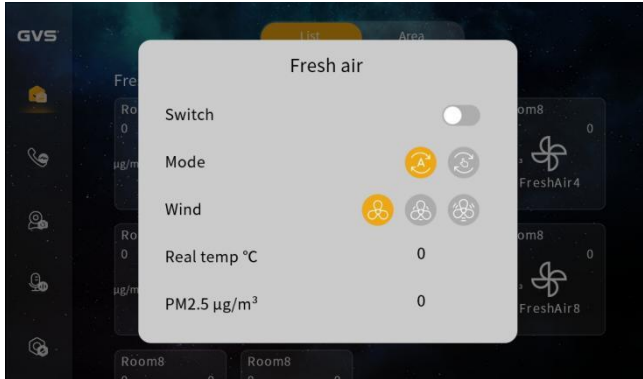


Floor Heating Interface

- 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.


3.5.5 Fresh Air

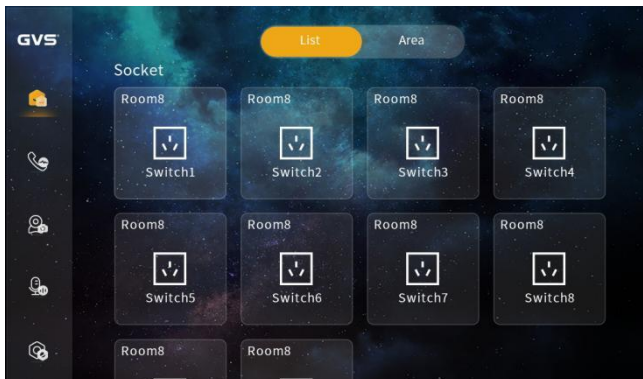
Press  to control the fresh air, and long press  to enter the fresh air control page.



Fresh Air Interface



3.5.6 Socket

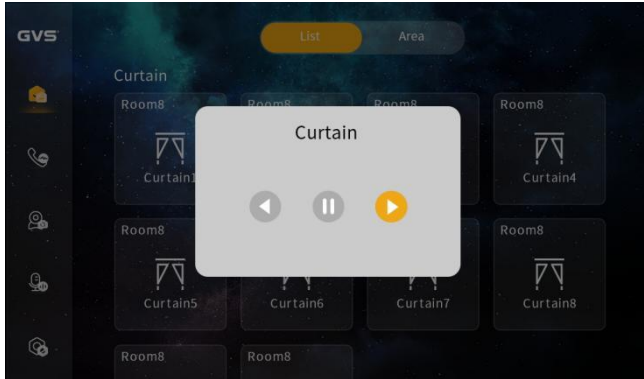
Press  to control the power switch of the socket.






Socket Interface

3.5.7 1 Curtain


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

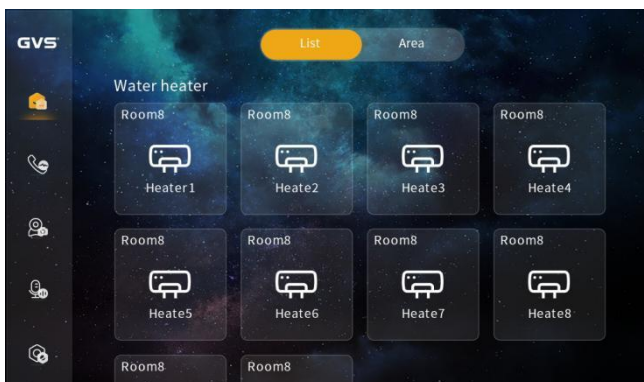


Curtain Interface

- 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.



3.5.8 Water Heater

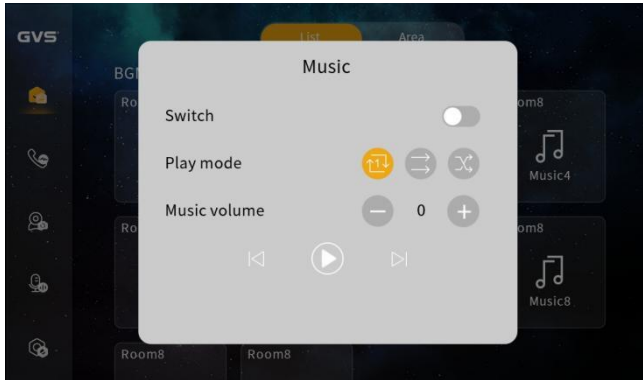
Press  to turn on/off the water heater.






Water Heater Interface

3.5.9 Background Music

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



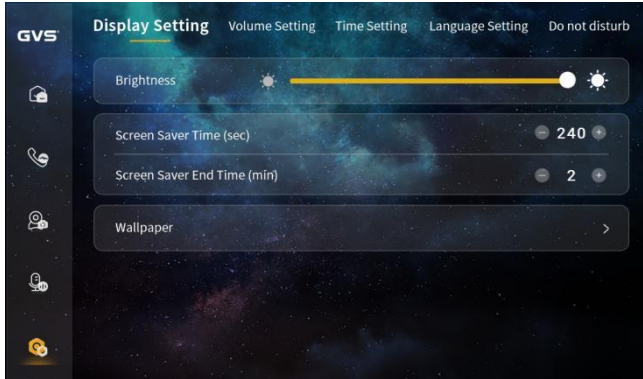
Background Music Interface

- 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



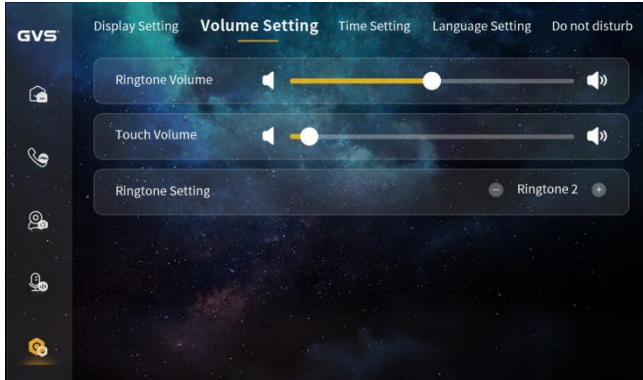
Display Setting Interface

Parameter Setting:

- 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



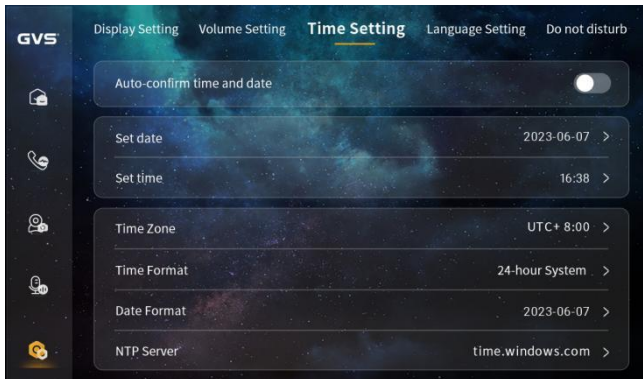
Volume Setting Interface

Parameter Setting:

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

4.3 Time Setting

Operation path: System Setting > Time Setting



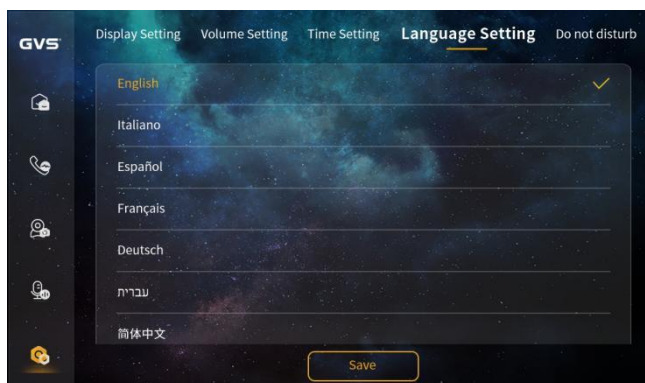
Time Setting Interface

Parameter Setting:

- Auto-confirm time and date: On by default, the NTP server will automatically synchronize the time after selecting the time zone. You can also turn off automatic time and date confirmation and set the time and date manually.
- Time Zone: Select a specific time zone according to the device location.
- 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: Enter the NTP server.

4.4 Language Setting

Operation path: System Setting > Language Setting

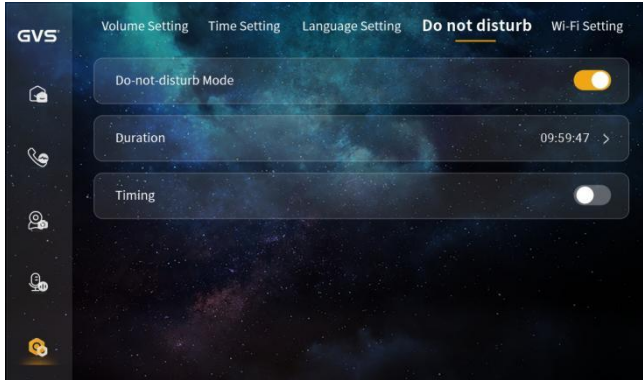


Language Setting Interface

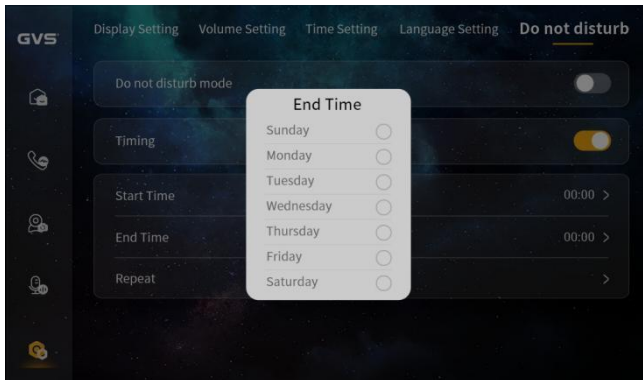
Available in English, Italian, Spanish, French, German, Hebrew, Simplified Chinese and Traditional Chinese.

4.5 Do Not Disturb

Operation path: System Setting > Do not disturb



Do Not Disturb Interface



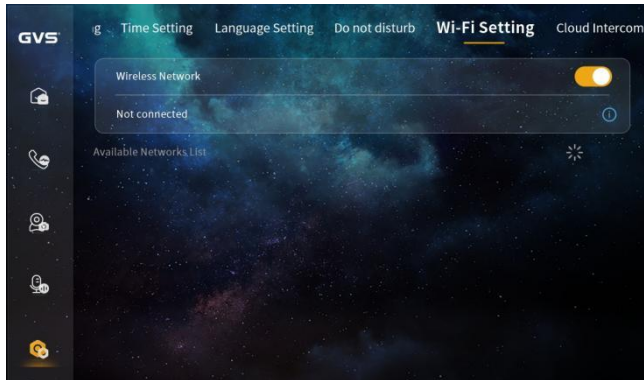
Timing Do Not Disturb Interface

Parameter Setting:

- 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

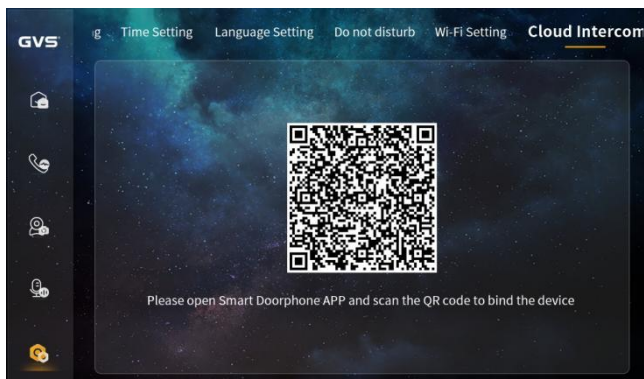
Parameter Setting:

- Enable or disable the wireless network;
- Click on the connected Wi-Fi to modify the IP, DNS and other info;

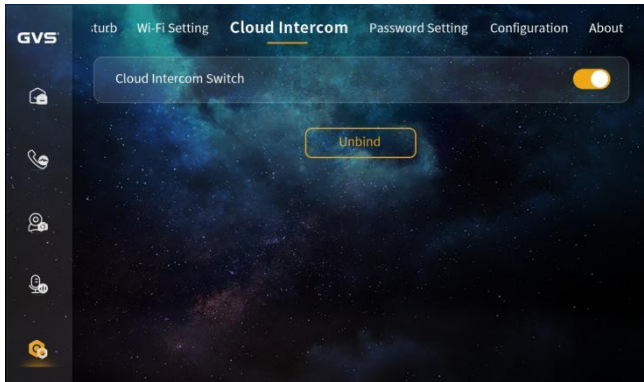
Select the available network in the Available Networks List, and enter the correct password to connect to the corresponding wireless network.

4.7 Cloud Intercom Setting

Operation path: System Setting > Cloud Intercom Setting



Cloud Intercom Setting Interface (Unbound)

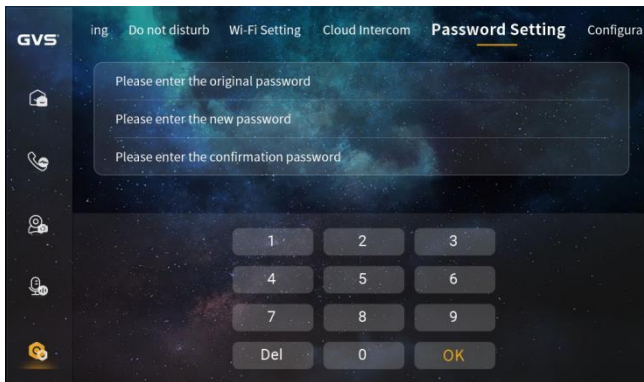


Cloud Intercom Setting Interface (Bound)

Scan the QR code of the indoor monitor to bind the device through the *Smart Door Phone App*.

4.8 Password Setting

Operation path: System Setting > Password Setting

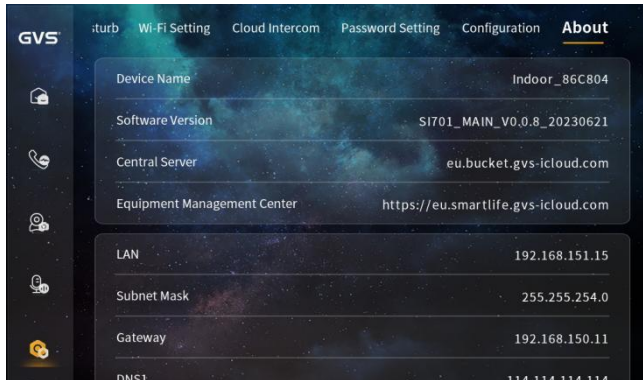


Password Setting Interface

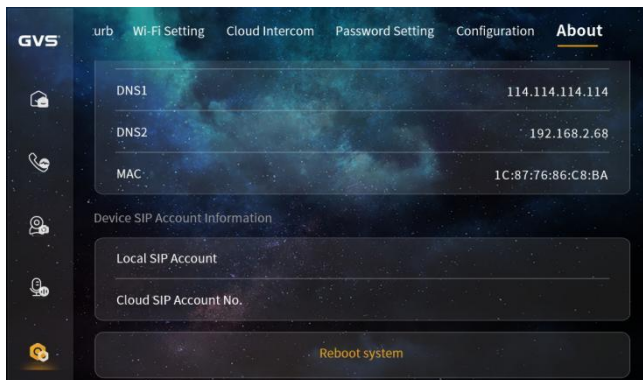
User can change the user password, the default user password is 666666.

4.9 About

Operation path: System Setting > About



About Interface 1



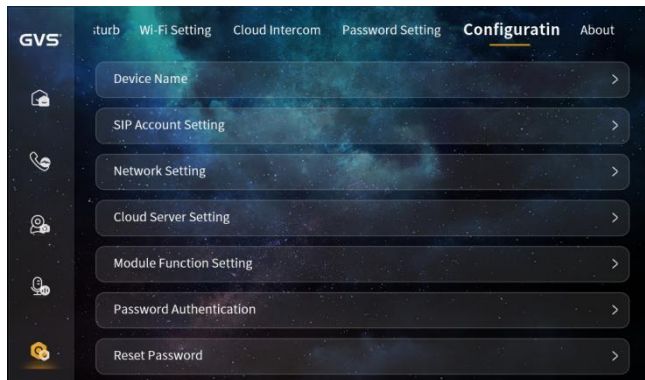
About Interface 2

- Includes device name, software version, central server and equipment management center;
- 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

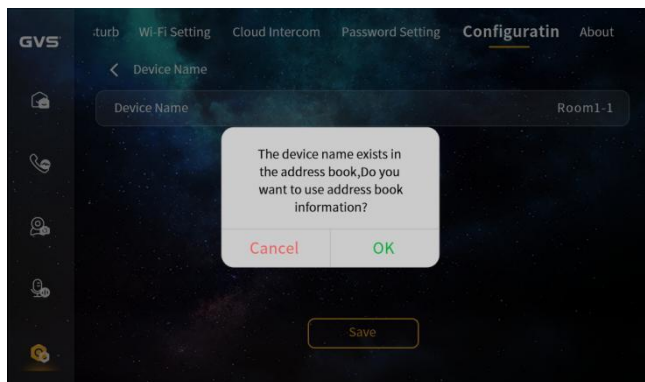
Enter the default configuration password 801801 to enter the following interface: device name, SIP account setting, network setting, cloud server setting, module function setting, password authentication, reset password and factory reset.



Configuration Interface

4.10.1 Device Name

Operation path: System Setting > Configuration > Device Name



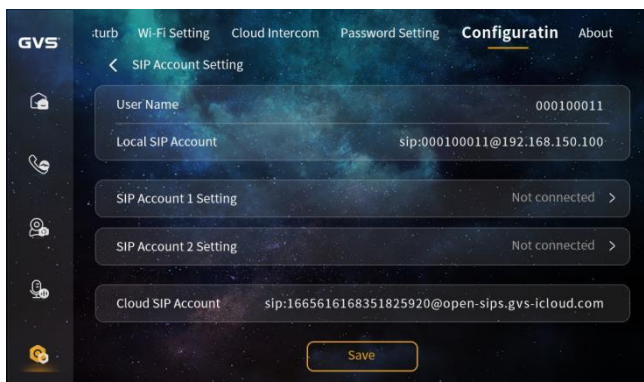
Device Name Interface

Parameter Setting:

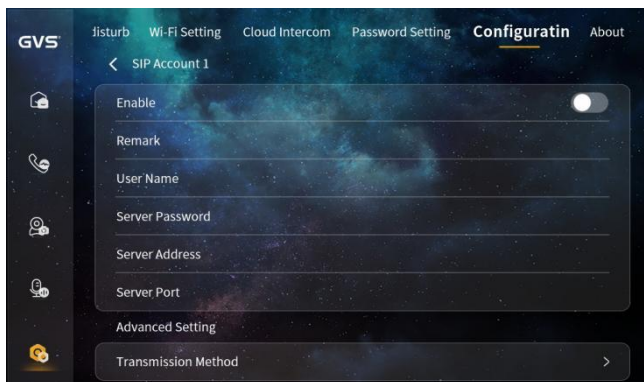
Device name: User can modify the device name. If the SIP account info in the address book is needed, user need to set the device name to the device name corresponding to the account info in the address book. There will be a window popping up to indicate whether to use the account info in the address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

4.10.2 SIP Account Setting

Operation path: System Setting > Configuration > SIP Account Setting



SIP Account Setting Interface



SIP Account 1 Setting Interface

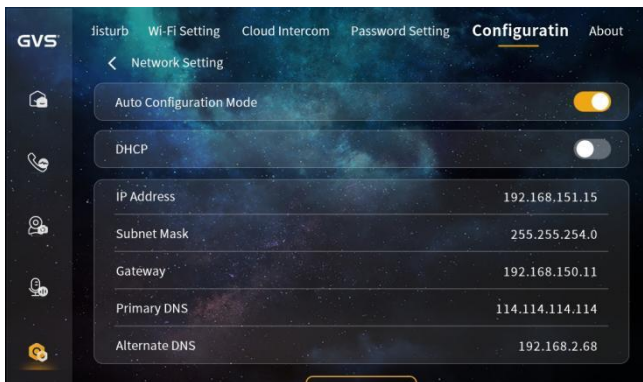
- User Name: User name can be entered via dial pad to call this device.
- Local SIP Account: Local SIP account generated by the local user name and IP is

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



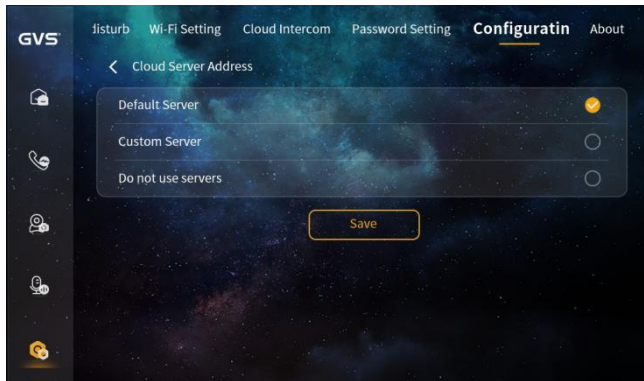
Network Setting Interface

Parameter Setting:

- Auto Configuration Mode: When turned on, the device can discover other S-series devices under the same network;
- DHCP: It's turned on by default; user need to manually enter IP address, subnet mask, gateway and DNS when it's turned off.

4.10.4 Cloud Server Setting

Operation path: System Setting > Configuration > Cloud Server Setting



Cloud Sever Address Interface

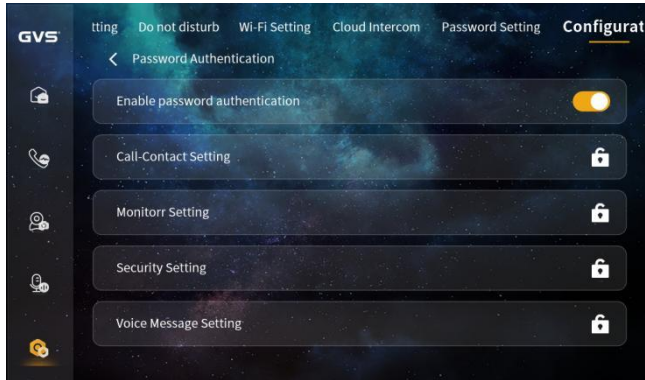
Cloud server is set to default server by default, and the custom cloud server requires manual input of the server address, and the server will be closed if the user chooses not to use the servers.

4.10.5 Module Function Setting

Operation path: System Setting > Configuration > Module Function Setting

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

Operation path: System Setting > Configuration > Password Authentication

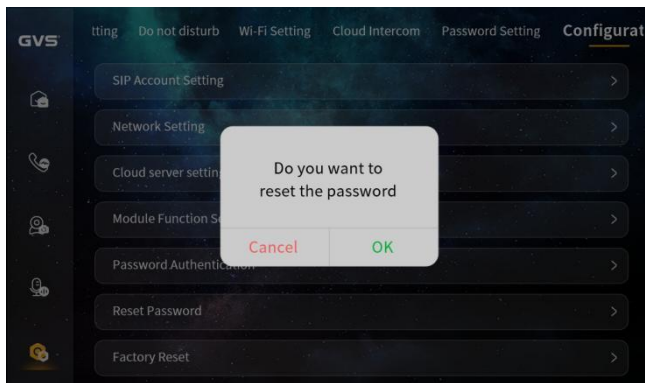


Password Authentication Interface

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

4.10.6 Reset Password

Operation path: System Setting > Configuration > Reset Password

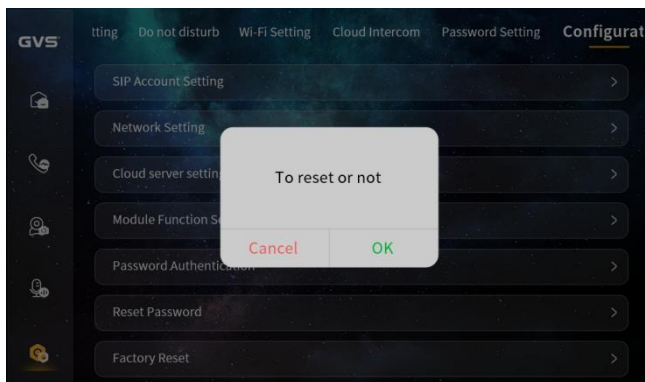


Reset Password Interface

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

4.10.7 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.