Akuvox
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S567W
Indoor Monitor

Admin Guide

About This Manual

Thank you for choosing the Akuvox S567 series indoor monitor. This manual is intended for administrators who need to properly configure the indoor monitor. This manual is written based on firmware version: 567.30.1.209, and it provides all the configurations for the functions and features of the S567 series indoor monitor. Please visit the Akuvox forum or consult technical support for any new information or the latest firmware.

Introduction of Icons and Symbols

Note

- Informative information and advice from the efficient use of the device.

Related Documentation

Youareadvisedtorefertotherelateddocumentsformoretechnicalinform ationviathe linkbelow:

https://knowledge.akuvox.com

Contents

1. Product Overview

S567 series is an Android SIP-based with a smooth touch-screen indoor monitor. It can be connected to the Akuvox door phone for audio/video communication, unlocking, and monitoring. Residents can communicate with visitors via audio/video calls, and it supports unlocking the door remotely. It is more convenient and safer for residents to check the visitor's identity through its video preview function. S567 series is often applied to scenarios such as villas, apartment complexes, home automation systems, and modern interiors.

2. Change Log

The change log will be updated here along with the changes in the new software version.

3. Model Specification

Model	S567
Feature	
CPU	CPU Quad Cortex-A55/1.8GHz
OS	Android 12
Color	Black
Display	10 Inch IPS LCD
Resolution	1280 x 800
MIC	Dual microphone，-26dB
Speaker	Quad speakers, 8Ω / 2W
Wi-Fi	IEEE802.11 a/b/g/n/ac/ax
Bluetooth	5.0
Ethernet	1xRJ45, 10/100Mbps adaptive
Power Supply	12VDC/1.5A DC 48V From POE
Alarm Input	8 x Alarm Inputs
Door Bell Input	1 x Bell In
Relay Output	2 x Relay Out (NO/COM/NC)
Installation	Wall-mounted & Desktop
Operation Temperature	-10°C ~ +45°C
Operation Humidity	-20°C ~ +70°C
Dimensions (W x H x D)	278.51*165.11*22.8(mm)

4. Introduction to Configuration Menu

Status: This section gives you basic information such as product information, network information, account information, etc.

Account: This section concerns the SIP account, SIP server, proxy server, transport protocol type, audio&video codec, DTMF, session timer, NAT, User Agent, etc.

Network: This section mainly deals with DHCP&Static IP settings, RTP port setting, device deployment, etc.

Device: This section includes time, language, call feature, NTP, multicast, display setting, audio, multicast, relay, third-party APP, intercom, relay monitor, lift control,

Contacts: This section allows the user to configure the local contact list stored on the device and check call logs.

Upgrade: This section covers firmware upgrade, device reset&reboot, screenshots, configuration file auto-provisioning, and PCAP.

Security: This section is for password modification, account status & session time-out configuration, client certificate, as well as service location.

Settings: This section includes the RTSP setting, wake up the device, and brightness adaptation.

Arming: This section covers the configuration including arming zone setting, arming mode, disarm code, and alarm action.

PBX: This section allows you to create SIP numbers and manage SIP account settings.

Mode Selection:

- **Discovery mode**: It is a plug and plays configuration mode. Akuvox devices will configure themselves automatically when users power on the devices and connect them to the network. It is a super time-saving mode and it will greatly bring users convenience by reducing manual operations. This mode requires no prior configurations previously by the administrator.

- **Cloud mode:** Akuvox SmartPlus is an all-in-one management system. Akuvox SmartPlus is a mobile service that allows audio, video, and remote access control between smartphones and Akuvox intercoms. All configurations in the device will be issued automatically from the cloud. If users decide to use Akuvox SmartPlus, please contact Akuvox technical support, and they will help you configure the related settings before using them.
- **SDMC mode**: SDMC (**SIP Device Management Controller**) is a simple and comprehensive software for building management. It provides a topography for a community while offering you a graphical configuration interface for door access, intercom, monitoring, alarm, etc. It is a convenient tool for property managers to manage, operate, and maintain the community.

Tool Selection:

Akuvox has many configuration tools for you to set up devices more conveniently. Here we list some common tools, please contact your administrator to get the tool if you need them.

1. **SDMC**: SDMC is suitable for the management of Akuvox devices in large communities, including access control, resident information, remote device control, etc.
2. **Akuvox Upgrade tool**: upgrade Akuvox devices in batch on a LAN (**Local Area Network**).
3. **Akuvox PC Manager**: distribute all configuration items in batch on a LAN.
4. **IP scanner**: it is used to search Akuvox device IP addresses on a LAN.
5. **FacePro**: manage face data in batch for the door phone on a LAN.

5. Breathing Light Status

The indicator light is on the right side of the device, showing the different status of the device.

See the indicator light status below:

Indicator Name	Color	Status	Description
Power	Blue	ON	System is working
		OFF	System is not working
System status	Blue	ON	System is working.
Device booting	Purple	ON	The device is powered on and booting.
Network	Red	Flashing	Failed to obtain IP address.
Incoming Call	Blue	Flashing	Receiving an incoming call
outgoing call	Blue	Flashing	Making an outgoing call
In a call	Blue	ON	During a call
End a call	Blue	ON	End a call
Miss a Call	Purple	ON	Missed a call
Message	Purple	ON	Contains a unread message
Screen/System	N/A	OFF	● Screen is turned off. ● Device is turned off.

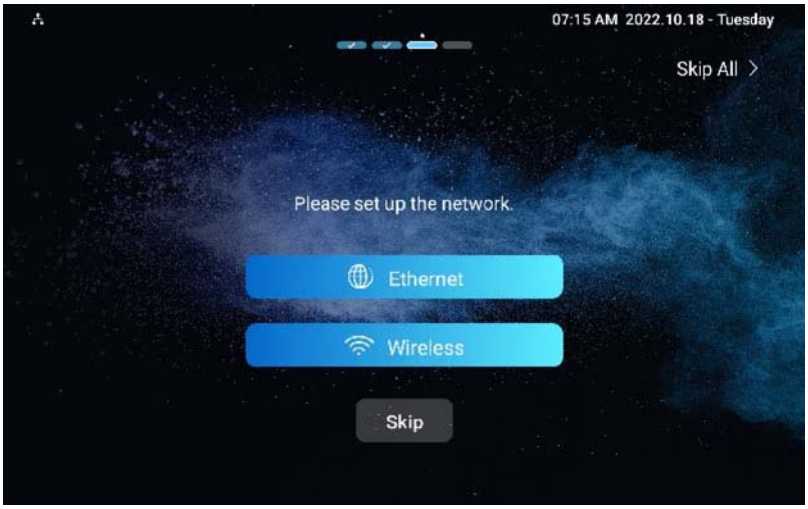
Indicator Name	Color	Status	Description
Alarm	Red	Flashing	An alarm is triggered
Voice Assistant	Blue	ON	Waking up voice assistant
Door Bell	Blue	Flashing	Door bell rings
Device upgrade	Red	ON	Upgrading the device
Reset	Red	ON	Reset the device to the factory setting

6. Access the Device

Akuvox indoor monitor system settings can be either accessed on the device directly or on the device web interface.

6.1. Device Start-up Network Selection

Akuvox indoor monitor system settings can be either accessed on the device directly or on the device's web interface. After the device boots up initially, you are required to select the network connection for the device. You can either select Ethernet or wireless network connection according to your need.

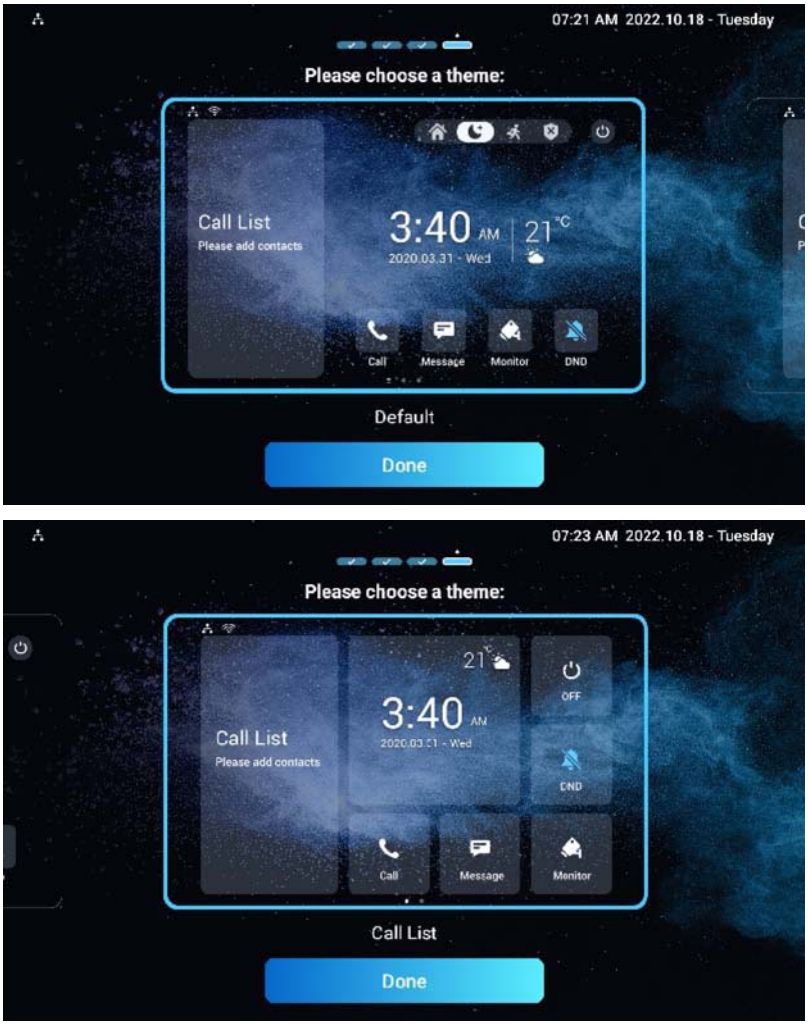


Note

- Please refer to the chapter on **Network Setting&Other connection** for the configuration of the Ethernet and wireless network connection.

6.2. Device Home Screen Type Selection

Akuvox indoor monitor supports two different home screen display modes- Default or Call List. Choose one suitable mode for your scenarios.

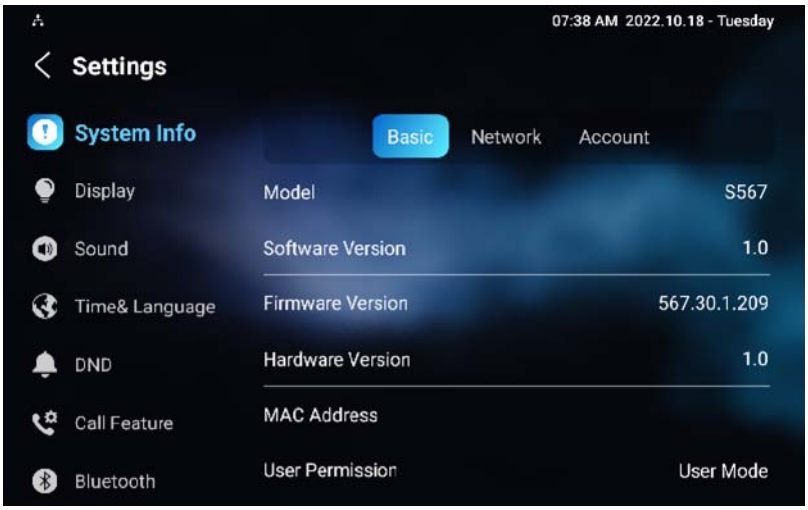


6.3. Accessing the Device Setting on the Device

6.3.1. Accessing Device Basic Setting

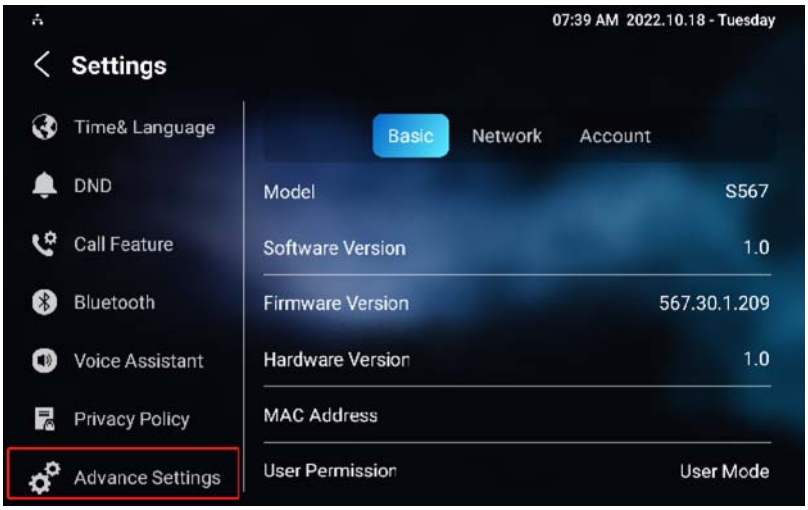
You can access the device's basic setting and advance setting where you can configure different types of functions as needed. To access the device basic setting, swipe your finger left on the home screen, then tap **Setting** . You can

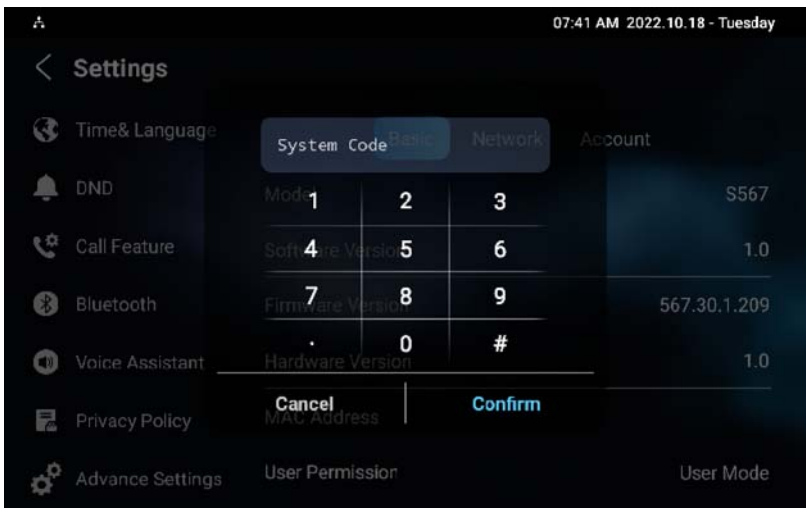
check the basic information like MAC, firmware, etc.



6.3.2. Accessing Device Advance Setting

To access the advance setting, press **Setting** then tap **Advance Settings** icon. Press password 123456 to enter the advance setting.

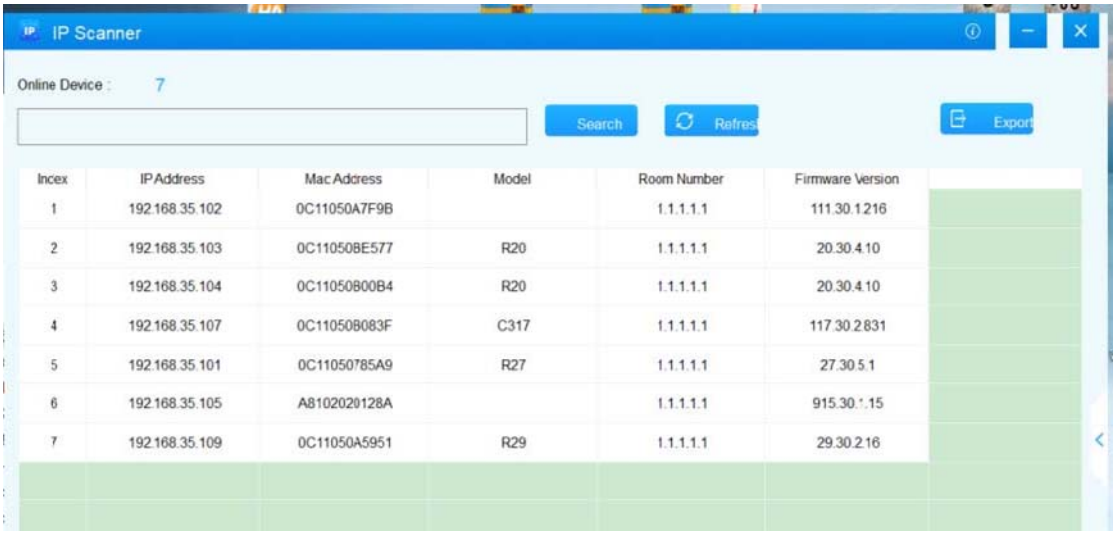


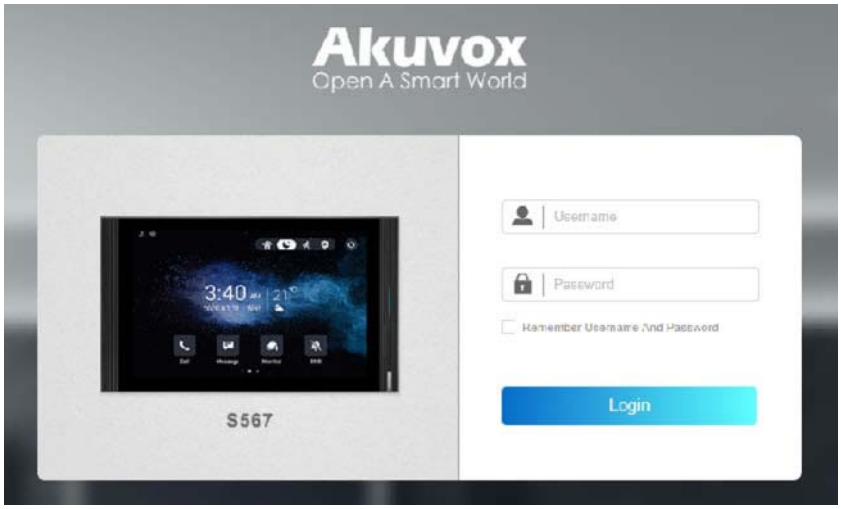


6.4. Access the Device Setting on the Web Interface

You can also enter the device IP address on the web browser to log in to the device web interface by username and password **admin/admin** where you can configure and adjust parameters etc.

For checking the IP address you can search in device **Setting > System Info > Network** screen. You can also search the device by IP scanner, which can search all the devices on the same LAN.





Note

- **You can also obtain the device IP address using the Akuvox IP scanner to log in the device web interface. Please refer to the URL below for the IP scanner application:**

https://knowledge.akuvox.com/docs/how-to-obtain-ip-address-via-ip-scanner-1?highlight=ip%20scanner

Note

- Google Chrome browser is strongly recommended.
- The Initial user name and password are **admin** and please be case-sensitive to the user names and passwords entered.

7. Language and Time Setting

7.1. Language Setting

When you first set up the device, you might need to set the language to your need or you can do it later if needed. And the language can either be set up directly on the device or on the device web interface according to your preference.

7.1.1. Language Setting on the Device

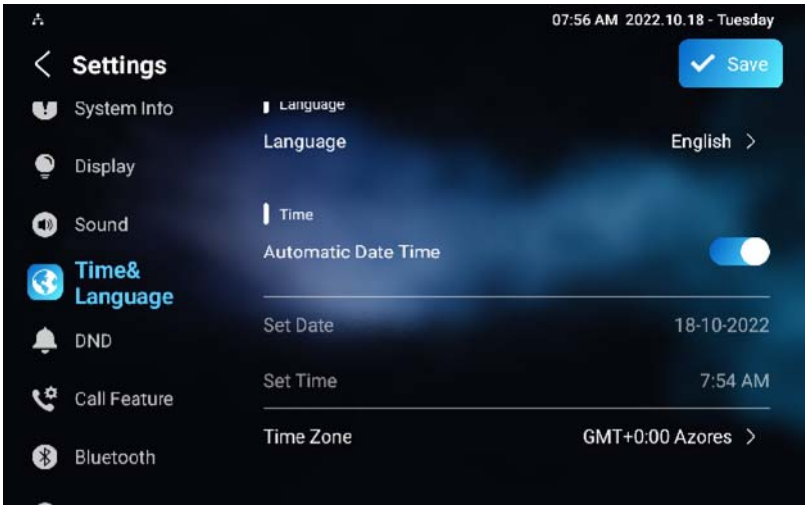
To select the language you like, go to **Setting > Time&Language** screen.

7.2. Time Setting

Time setting can be set up on the device and on the device web interface in terms of time zone, date and time format etc.

7.2.1. Time Setting on the Device

To set up time setting on the device **Settings > Time&Language** screen.

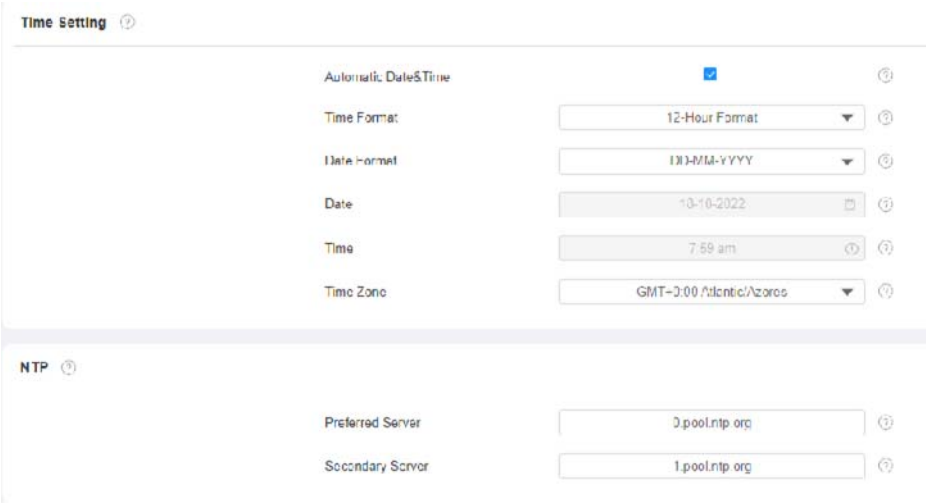


Parameter Set-up:

- **Automatic Date Time:** automatic date is switched on by default, which allows the date& time to be automatically set up and synchronized with the default time zone and the NTP server (Network Time Protocol). You can also set it up manually by switching off the automatic date, then enterthe time and date you want and pressing the **Save tab** to save the setting.
- **Time Zone:** select the specific time zone depending on where the device is used. The default time zone is GMT+0:00.
- **Date Format:** select the date format as you like among the three format options. The three formal options are **Y-M-D**, **Y/M/D**, **D-M-Y**, **D/M/Y**, **M-D-Y**, and **M/D/Y.**
- **Time Format:** select 12-hour or 24-hour time format as you like.
- **NTP Server:** enter the NTP server you obtained in the NTP server field. NTP server 2 is the backup.

7.2.2. Time Setting on the Device Web Interface

Time setting on the web **Device >Time** interface also allows you to set up the NTP server address that you obtained to automatically synchronize your time and date. And when your time zone is selected, the device will automatically notify the NTP server of its time zone so that the NTP server can synchronize the time zone setting in your device.



Parameter Set-up:

- **Preferred Server**: enter the NTP server address you obtained in the **NTP server** field.
- **Secondary Server**: enter the back up server address. When the main NTP server failed, it will change to the back up server automatically

8. Screen Display Configuration

The indoor monitor allows you to enjoy a variety of screen displays to enrich your visual and operational experience through the customized setting to your preference.

8.1. Screen Display Setting on the Device

You can configure a variety of features of the screen display in terms of brightness, screen saver and font size, etc. To do this configuration on the device, tap **Settings > Display** screen.

Parameter Set-up:

- **Brightness:** press on the brightness setting and move the yellow dots to adjust the screen brightness. The default brightness is **145**.

Note

You cannot adjust the screen brightness manually if the brightness adaptation is enabled.

- **Sleep Time:** set the sleep timing based on the screen saver (**15 sec to 30 min**).
    - If the screen saver is enabled, then the sleep time here is the screen saver start time. For example, if you set it as 1 min, then the screen saver will start automatically when the device has no operation for 1 min.
    - If the screen saver is disabled, then the sleep time here is the screen turn-off time. for example, if you set it as 1 min, then the screen will be turned off automatically when the device has no operation for 1 min.
- **Screen Saver:** tick the square box to enable the screen saver function.
- **Screen Lock:** tick the screen lock if you want to lock the screen after the screen is turned off (turn dark). You are required to enter the system code to unlock the screen or you can unlock the screen by facial recognition.
- **Screen Saver Type:** select screen saver type among seven options: **Local Pictures**, **Local Videos**, **Clock**. Details for the screen saver types are shown below:

NO.	Screen Saver Type	Description
1	Local Pictures	Display picture uploaded to the indoor monitor as the screen saver.
2	Local Videos	Display videos from the indoor monitor as the screen saver
3	Clock	Display the clock as the screen saver.

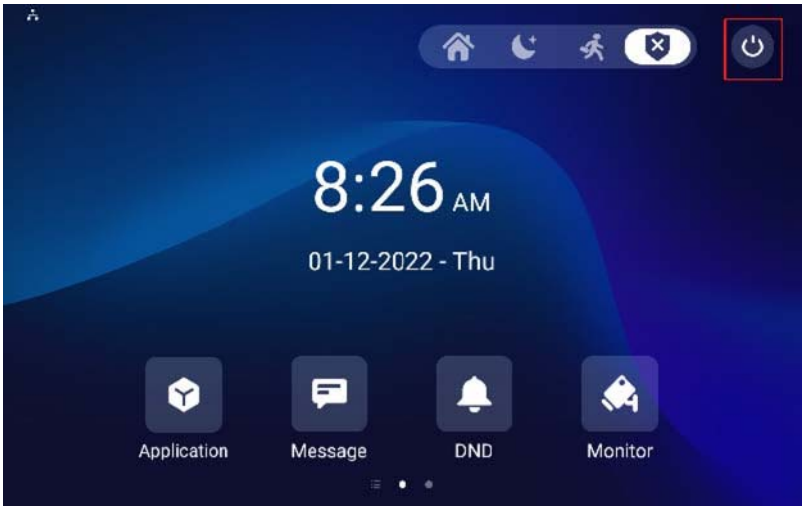
Parameter Set-up:

- **Screen Lock:** enable the screen lock if you want to lock the screen after the screen is turned off (turn dark). You are required to enter the system code to unlock the screen or you can unlock the screen by facial recognition.

- **Screen Clean:** press on **Screen Clean** feature first before you start wiping the screen clean. And this helps you avoid unwanted changes in the settings incurred while you are wiping the screen.
- **Font Size:** select the font size among four options **Small, Normal, Large,** and **Huge** according to your need.
- **Breathing Light:** move the toggle switch to enable the breathing light.
- **Wallpaper:** select the local wallpaper.
- **Brightness Adaptation**: if enabled, the device will adjust screen brightness will be automatically adjusted to adapt ambient brightness.

For the screen brightness, you can also enable or disable the brightness adaptation function remotely on the web interface. Go to **Settings > Basic > Brightness Adaptation**.

You can also turn off the screen manually if needed.

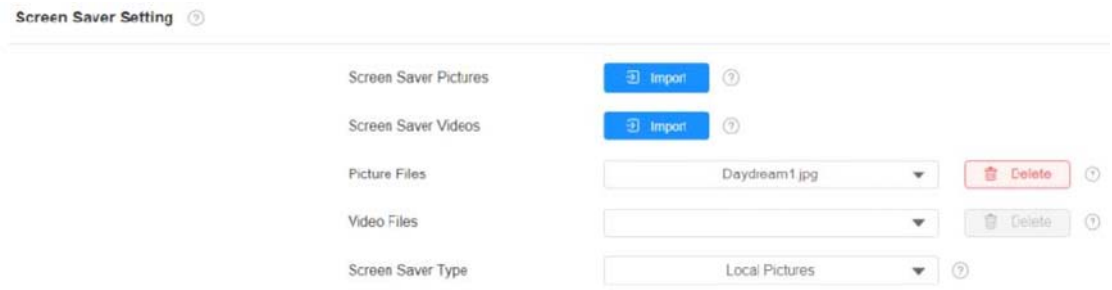


8.2. Screen Display Setting on the Web Interface

S567 series indoor monitor allows you to enjoy a variety of screen displays to enrich your visual and operational experience through the customized setting.

8.2.1. Upload Screen Saver

You can upload screen-saver pictures separately or in batches to the device and the device web **Device > Display Setting > Screen Saver Setting** interface for a public purpose or a greater visual experience.

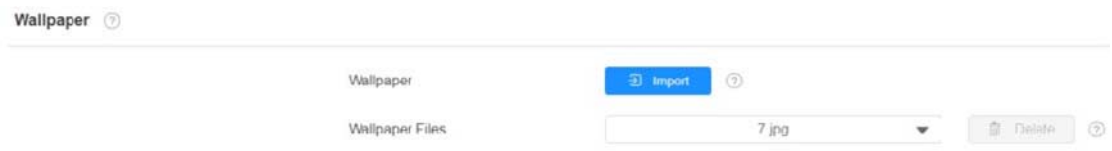


Note

- The pictures uploaded should be in **JPG, JPEG, or PNG format** with a 2M maximum.
- The previous pictures with a specific ID order will be overwritten when the repetitive designation of pictures to the same ID order occurred.

8.2.2. Upload Wall Paper

You can customize your screen background picture on the device web **Device > Display Setting > Wall Paper** interface to achieve the visual effect and experience you need for your personalized screen background display.

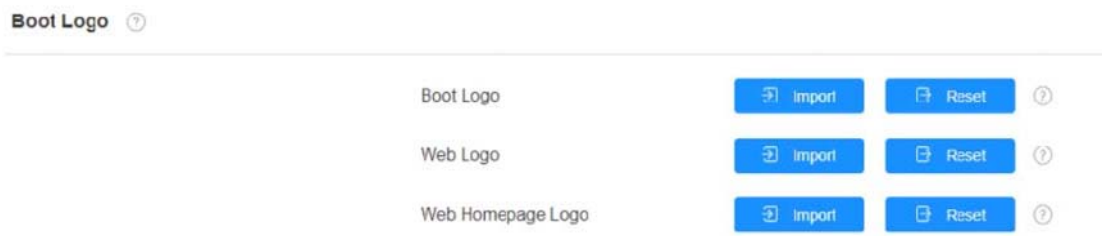


Note

- The pictures uploaded should be in **JPG, JPEG, PNG format** with 2M maximum.

8.2.3. Upload Device Booting Image

You can upload the booting Logo, web Logo, and web homepage Logo image. You can customize all three types of Logos if needed. You can go to **Device > Display Setting> Boot Logo**.



Parameter Set-up:

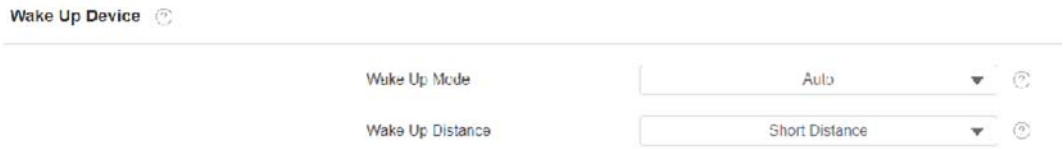
- **Boot Logo**: upload the boot Logo, which appears on the screen when you reboot the device.
- **Web Logo**: upload the web Logo, which appears in the upper left corner of the web interface.
- **Web Homepage Logo**: upload the logo, which appears on the login page of the web interface.

Note

- The pictures uploaded should be in .**png or .zip format.**

8.3. Approach to Wake UP

You can manually wake up the device by tapping the device screen, or wake up the device automatically as you walk up to the device within the preset distance. To set it up, go to **Settings > Basic > Wake Up Device**.

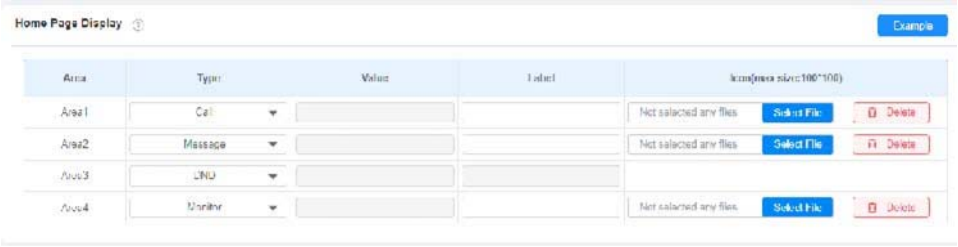


Parameter Set-up:

- **Wake Up mode**: select manual for the manual wake-up or select Auto for the automatic wake-up (approach to wake-up). it is auto by default.
- **Wake Up Distance**: select the approach to wake-up distance, the short distance is 50cm or the long distance is 80 cm.

8.4. Icon Screen Display Configuration

The indoor monitor allows you to customize icon display on the home screen and one more screen for the convenience of your operation. To set it up, go to **Device > Display Setting> Home Page Display** interface.



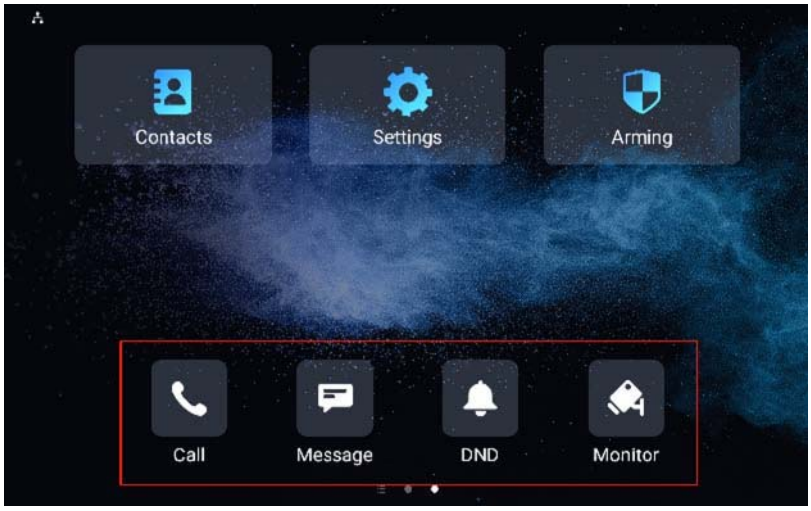
Parameter Set-up:

- **Type:** select the functional icon you want to put on the home page **(DND**, **Message**, **Contact**, **Call**, **System Info**, **Settings**, **Arming**, **SOS**, **Browser**, **Custom APK**, **Monitor**, **Relays**, **Unlock**, **All Calls**, **Control4 Unlock, Application).**
- **Value:** select the value if you select the icon type. The value field for **Custom APK** will be automatically filled in if you have already installed a third-party

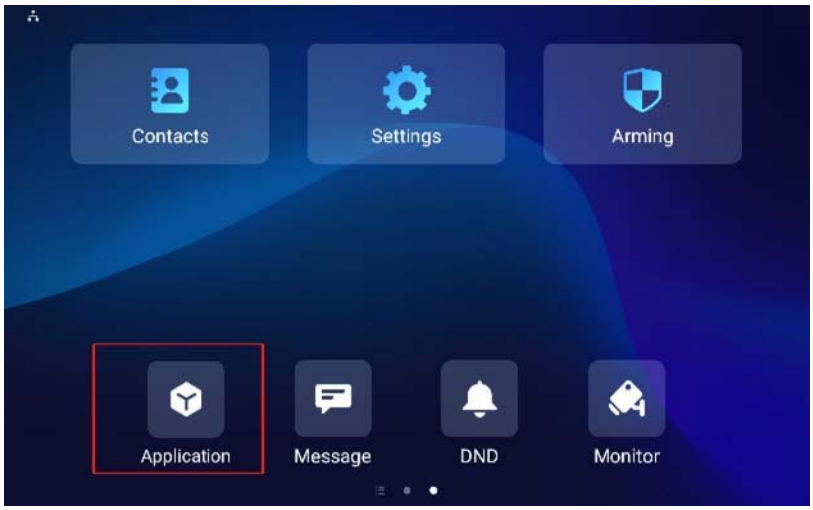
app. And if you select **Browser**, you are required to enter the URL of the browser before the browser icon can be displayed.

- **Label:** rename the icon if needed, while the DND icon cannot be renamed.
- **Icons:** click to upload the icon picture. The maximum icon size is **100*100**. The picture format can be JPG, JPEG, and PNG. See the four icons on the home screen below.

See the four icons on the home screen.

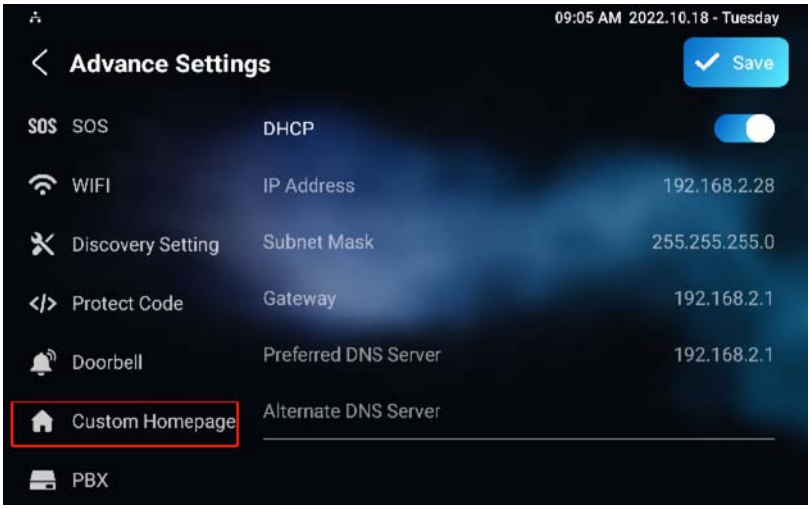


To allows users to easily access the third-party App you installed, you can create an Application icon for them. Users can tap the icon and select and run the app they need.



To configure the more icon display on **More Page Display** on the same interface.

You can also customize the homepage display by selecting your favorite functions, which will be displayed on the home screen. To configure it, tap **Setting > Advanced Settings**, and enter the default system code **123456**, tap **Custom Homepage**, then tap any of the icons before selecting your favorite function.



8.5. Unlock Tab configuration

You customize your unlock tab on a different screen for the door opening. And you can also select the relay type for the door opening.

To set up unlock tab on the talking screen, go to **Device > Relay > SoftKey In**

Talking Page.

Parameter Set-up:

- **Status**: enable the unlock tabs on the talking screen. You can see the unlock tabs during a call.
- **Display name**: name the unlock tab.
- **Type**: select the relay and relay trigger type you want to be triggered by the unlock tab (Local Relay, Remote Relay HTTP, Remote Relay DTMF, Web Relay Actions.

Scroll down to set up unlock tab on the home screen and More screen, go to **Device > Relay > SoftKey In Home or More screen.**

Parameter Set-up:

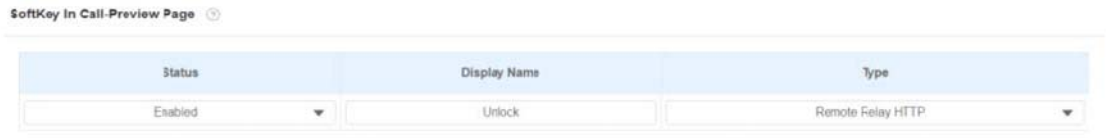
- **Status**: enable the unlock tabs on the screen. You can see the unlock tabs during a call.
- **Display name**: name the unlock tab.
- **Type**: select the relay and relay trigger type you want to be triggered by the unlock tab. (Remote Relay HTTP).

To set up unlock tab on **Monitor** screen:

Parameter Set-up:

- **Status**: enable the unlock tabs on the screen. You can see the unlock tabs on the monitoring screen.
- **Display name**: name the unlock tab.
- **Type**: select the relay and relay trigger type you want to be triggered by the unlock tab. (Remote Relay HTTP, Local Relay, Web Relay Action.

To set up unlock tab on call **preview** screen:

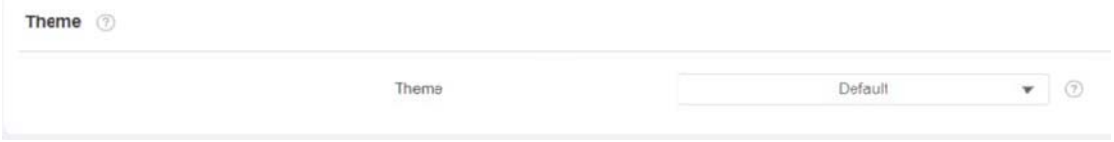


Parameter Set-up:

- **Status**: enable the unlock tabs on the screen. You can see the unlock tabs on the call preview screen.
- **Display name**: name the unlock tab.
- **Type**: select the relay and relay trigger type you want to be triggered by the unlock tab. (Remote Relay HTTP, Local Relay, Web Relay Action).

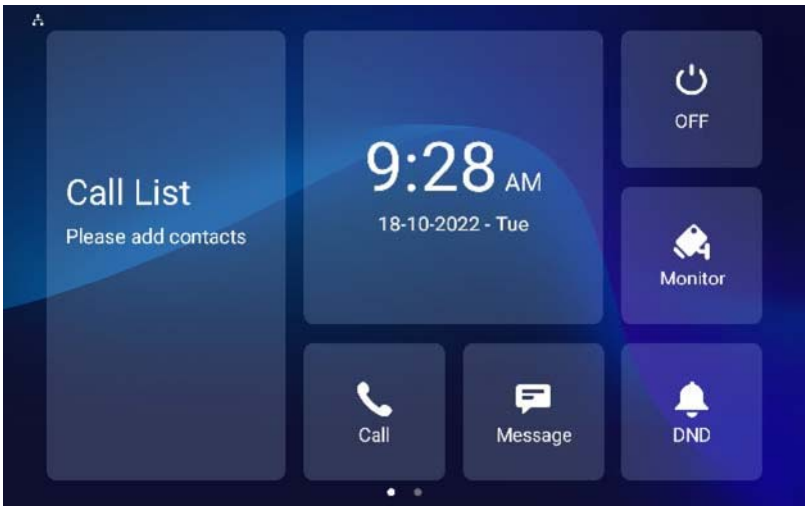
8.6. Home Screen Display

You can select the default or call list home screen display. You can go to **Device > Display Setting > Theme**.



Default Home Screen:

Call List Home Screen:



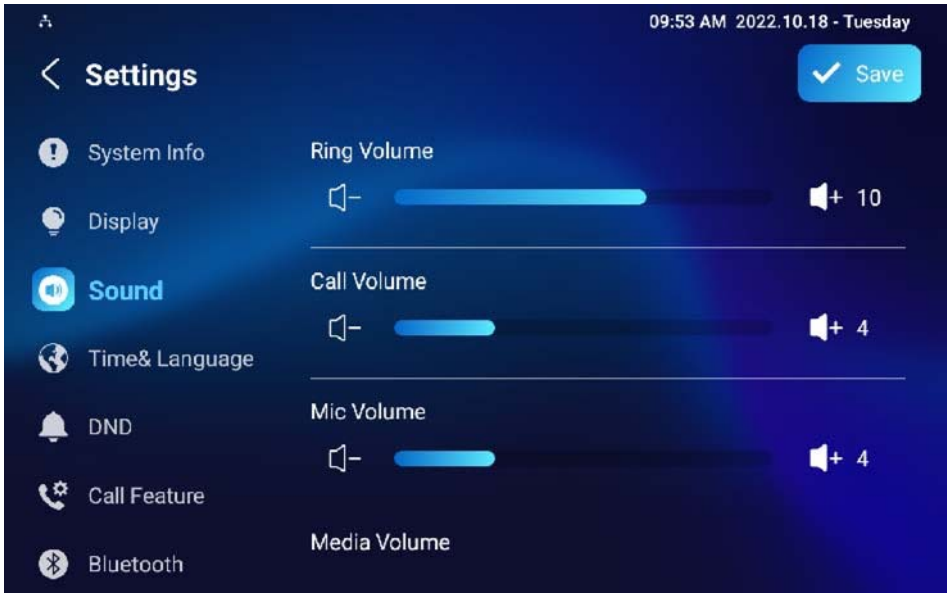
9. Sound and Volume Configuration

The indoor monitors provide you with various types of ringtone and volume configurations ranging from Ring volume, Call volume, Mic volume, Media volume, Touch Sound, and notification sound. You can configure them on the device directly or on the web interface.

9.1. Volume Configuration

9.1.1. Configure Volume on the Device

To set up the volumes on the device **Settings > Sound** screen.



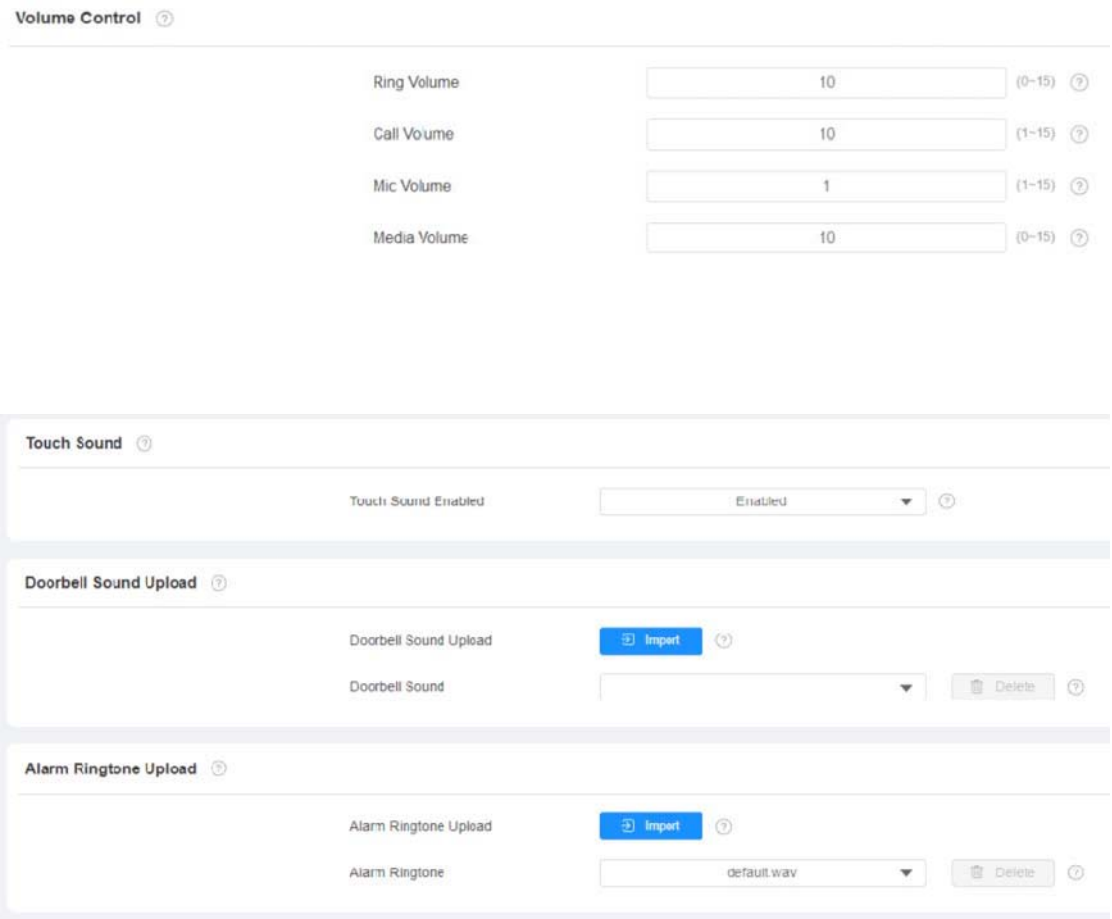
Parameter Set-up:

- **Ring Volume:** adjust the incoming call ringtone volume.
- **Call Volume:** adjust the speaker volume during the call.
- **Mic Volume:** adjust the volume of your Mic.

- **Media Volume:** adjust the volume for the video screen saver.
- **Touch Sound**: adjust the icon tapping sound.
- **Phone Ringtone:** select ringtone for incoming calls.
- **Notification Sound:** select the ringtone for the incoming messages.

9.1.2. Configure Volume on the Web Interface

You can configure the volumes and tones and customize your doorbell sound and alarm ringtone to your preference on the device web **Device > Audio> Volume Control.**



Note

- Doorbell sound files and Alarm Ringtone files to be uploaded must be **.WAV** or **MP3** format. No limitation for the file size.

You can also configure the doorbell sound and select the local relay you want to trigger along with the doorbell.

Parameter Set-up:

- **Doorbell Sound**: select your doorbell sound.
- **Doorbell Timeout**: set doorbell duration (from 10sec.-5 min).
- **Relay**: select the **local relay** you want to trigger along with the doorbell. Or you can select **None** if you don't want to trigger any relay.

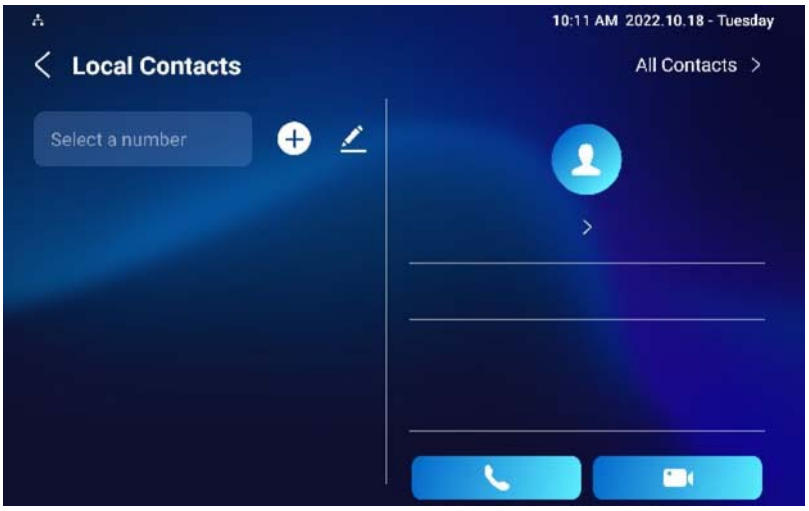
The indoor monitors provide you with various types of ringtone and volume configurations ranging from Ring volume, Call volume, Mic volume, Media volume, Touch Sound, and notification sound. You can configure them on the device directly or on the web interface.

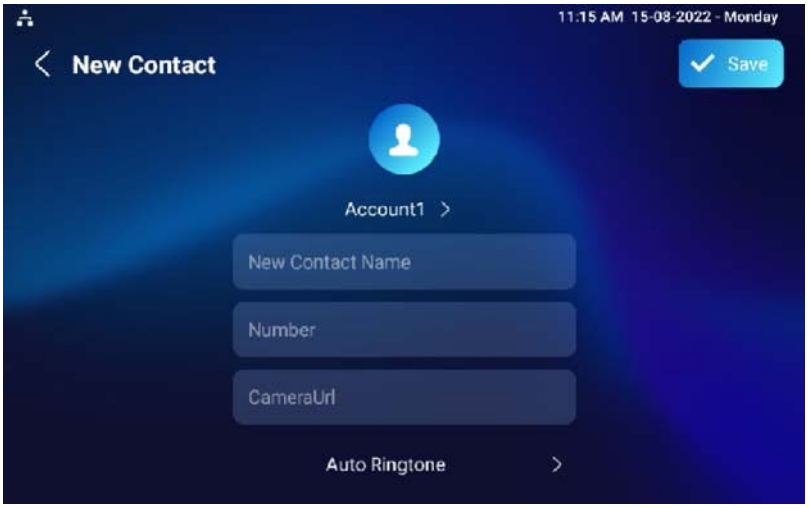
10. Phone Book Configuration

10.1. Phone Book Configuration on the Device

You can configure the contacts list in terms of adding and modifying contact groups or contacts on the device **Contacts> Local Contacts** directly.

10.1.1. Add Contact





Parameter Set-up:

- **Account1**: select which account to use to dial out, Account 1 or Account 2.
- **New Contact Name**: enter the name to save.

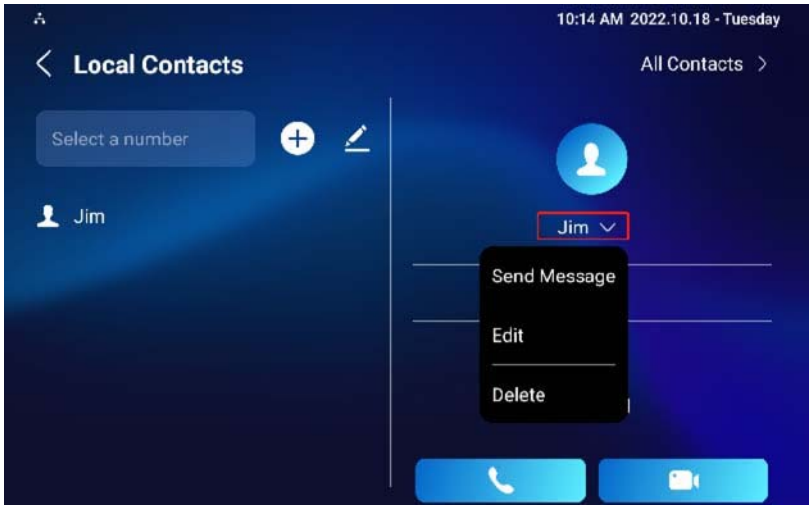
- **Number**: enter the IP or SIP number to save.
- **CameraUrl**: enter the RTSP URL for video preview.
- **Auto Ringtone**: select the phone ringtone for incoming calls.

Note

- Akuvox devices RTSP URL format is rtsp://device IP/live/ch00_0. If you use a third-party device, please confirm the URL format with their company.

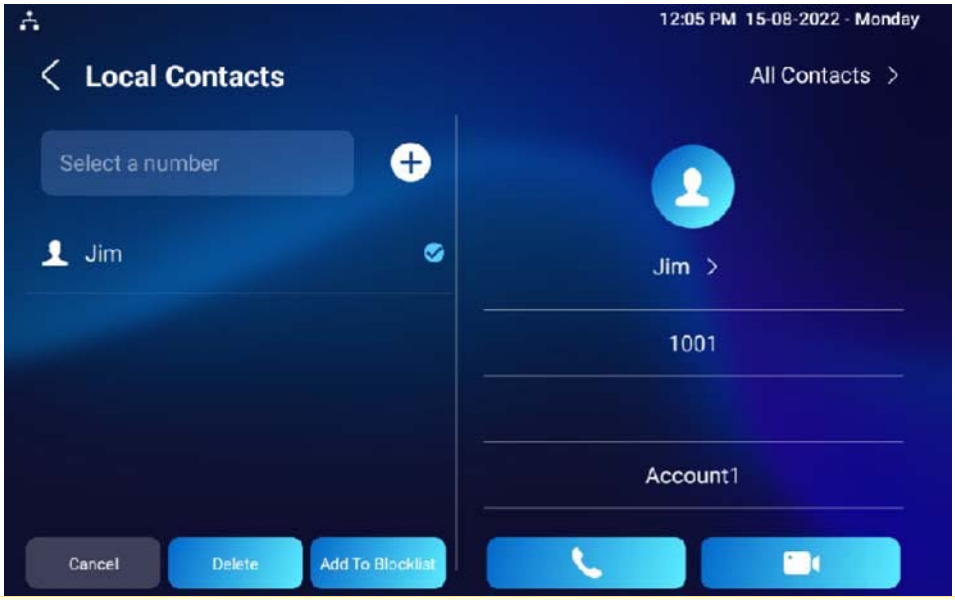
10.1.2. Edit Contact

You can check and edit the exited contacts in the phonebook list. Choose one and click **Edit** key to modify.



10.1.3. Block List Setting on the Device

You can choose which contact on the contact list you want to move to the block list. Incoming calls from the contacts in the blocklist will be rejected.



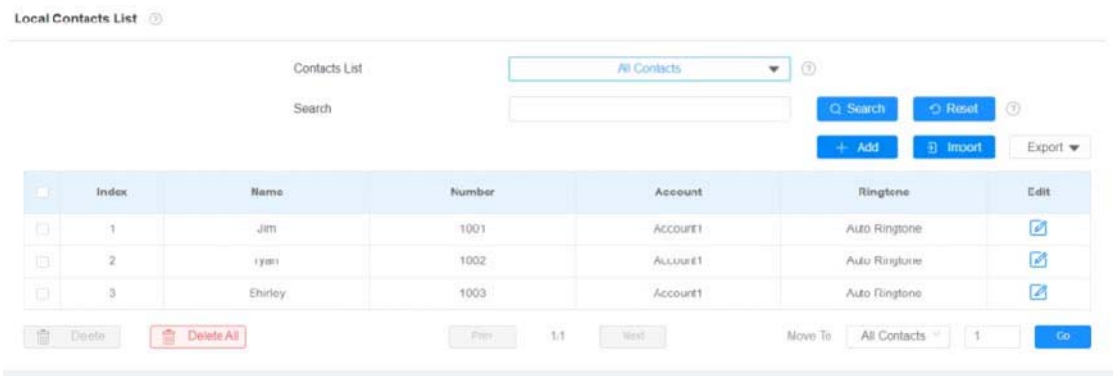
Note

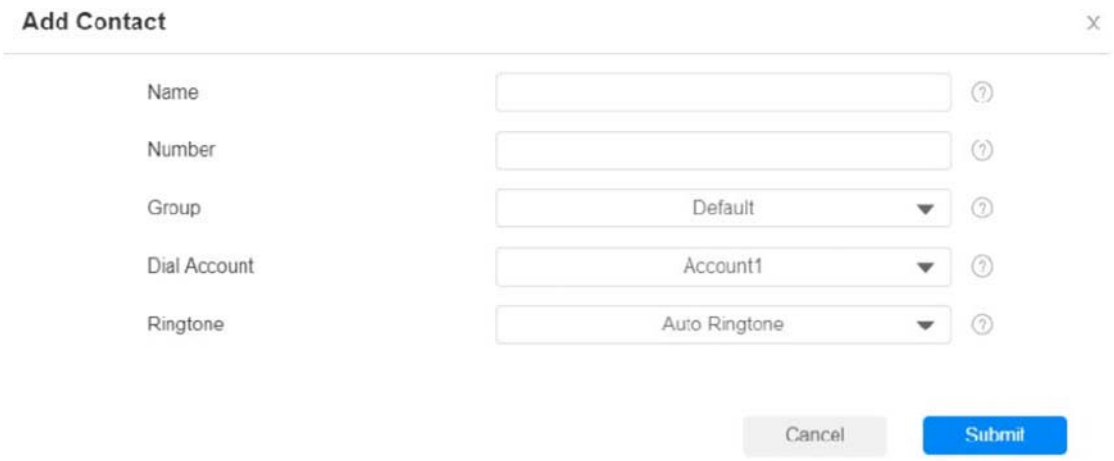
- You can delete contacts regardless of whether it is on the **All Contacts** screen or the **Blocklist** screen.

10.2. Phone Book Configuration on the Web Interface

10.2.1. Add/Edit/Delete Search Local Contacts

You can add, edit and search local contacts. To add contacts, go to **Contacts > Local Contacts > Local Contacts List**,then click **+ Add.**





Parameter Set-up:

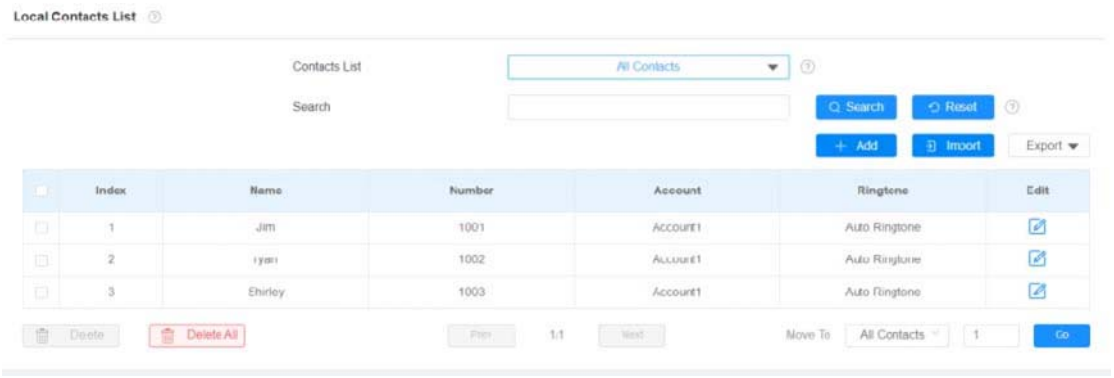
- **Contact List**: select **All Contacts** if you want to display all the contacts in the contact list. Select **Block list** if you want to display the contacts in the blocklist.
- **Search**: search the contact by contact number or contact number.
- **Name**: enter the contact name.
- **Number**: enter the SIP or IP number of the contact.
- **Group**: select **Default** for the local contact group. Select **Blocklist** if you want to put the contact in the blocklist.
- **Dial Account:** select the account you want to call the contact from.
- **Ringtone**: select the ringtone for the incoming call from the contact.

Note

- If you want to remove the contact from the blocklist on the web interface, you can change the group to **Default** when editing the contact.

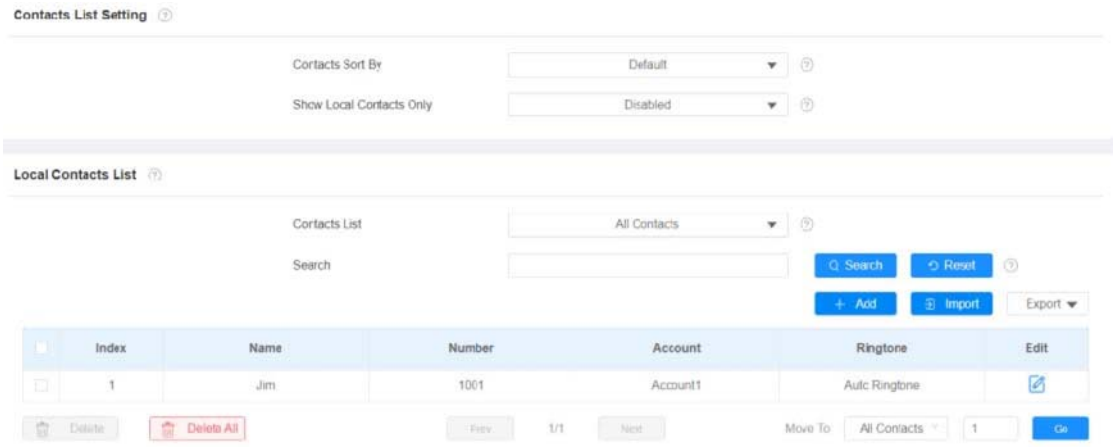
10.2.2. Import and Export Contact

You can import and export contacts in bath. The file should be in .xml or .csv format. To do so, go to **Contacts > Local Contacts > Local Contacts List**.



10.2.3. Contact List Display Configuration

To conduct contact configuration on web **Contacts > Local Contacts > Contacts List Setting** interface.



Parameter Set-up:

- **Contact Sort By**: select **Default**, then the local contacts will be displayed before the contacts from SmartPlus and SDMC, etc. Select **ASCII Code**, then the contacts will be displayed in the order based on the first letter of the contact names. Select **Created time**, then the contacts will be displayed by their created time.
- **Show Local ContactsOnly:** if you enable it, then only the local contacts will be displayed. If you disable it, then all the contacts from SmartPlus cloud and SDMC and so on will be displayed.

10.2.4. Web Call

You make SIP calls or IP calls directly on the web interface. You can enter the contact's SIP or IP number, then click **Dial** to make calls.

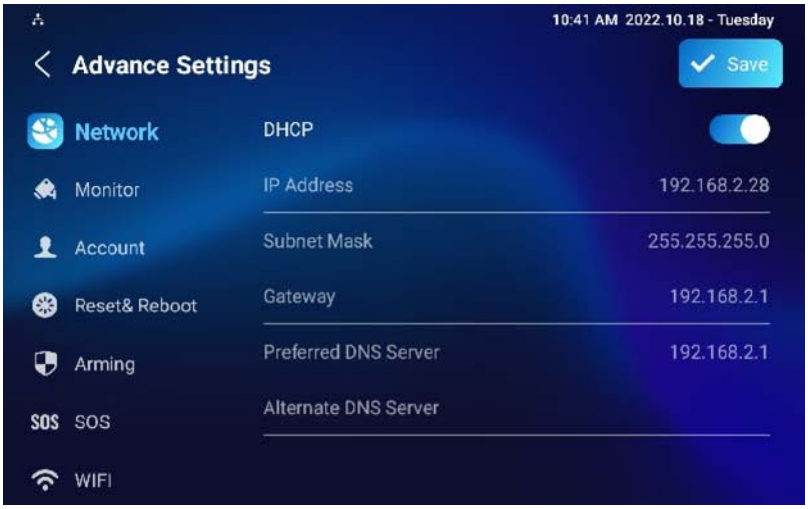
11. Network Setting & Other Connection

11.1. Device Network Configuration

You can check for the door phone's network connection info and configure the default DHCP mode (**Dynamic Host Configuration Protocol**) and static IP connection for the device either on the device or on the device web interface.

11.1.1. Configuring Device Network Connection on the Device

To check and configure the network connection on the device **Settings > Advance Settings** screen.



Parameter Set-up:

- **DHCP**: select the **DHCP** mode by moving the toggle switch to the right. DHCP mode is the default network connection. If the DHCP mode is turned on, then the door phone will be assigned by the DHCP server with IP address, subnet mask, default gateway, and DNS server address automatically. If you switch off the DHCP mode, the device will be changed to static IP mode, then then the IP address, subnet mask, default gateway, and DNS servers address have to be manually configured according to your actual network environment.

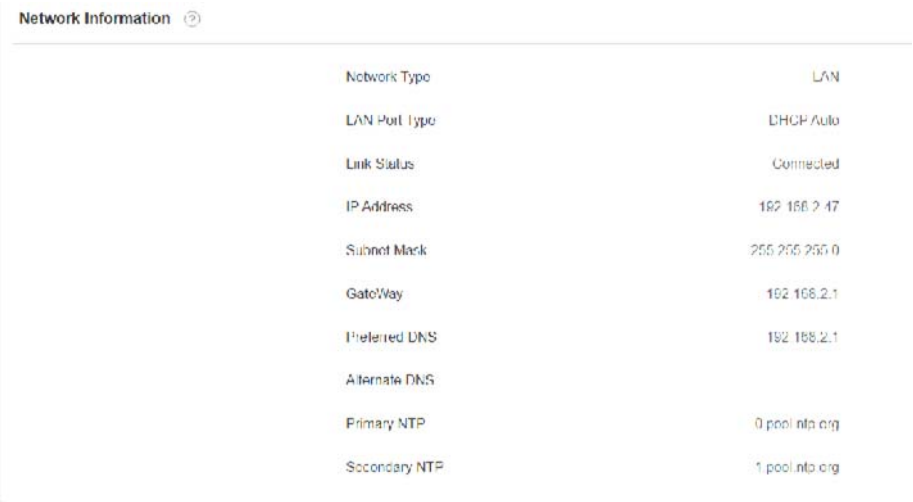
- **IP Address**: set up the IP Address if the static IP mode is selected.
- **Subnet Mask**: set up the subnet Mask according to your actual network environment.
- **Gateway**: set up the correct gateway default gateway according to the IP address of the default gateway.
- **Preferred&Alternate DNS Server**: set up a preferred or alternate DNS Server (**Domain Name Server**) according to your actual network environment. Preferred DNS server is the primary DNS server address while the alternate DNS server is the secondary server address and the door phone will connect to the alternate server when the primary DNS server is unavailable.

Note

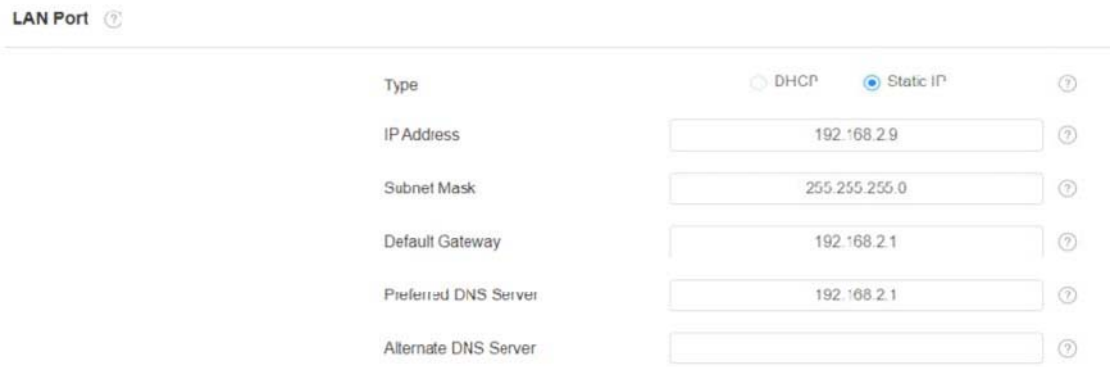
- You can press **System Info** icon and then press **Network** tab on the **Settings** screen to check device network status.
- The default system code is **123456**.

11.1.2. Configuring Device Network Connection on the Web Interface

To check the network on the web **Status > Network information** interface.



To check and configure network connection on the device **webNetwork > Basic > LAN Port** interface.

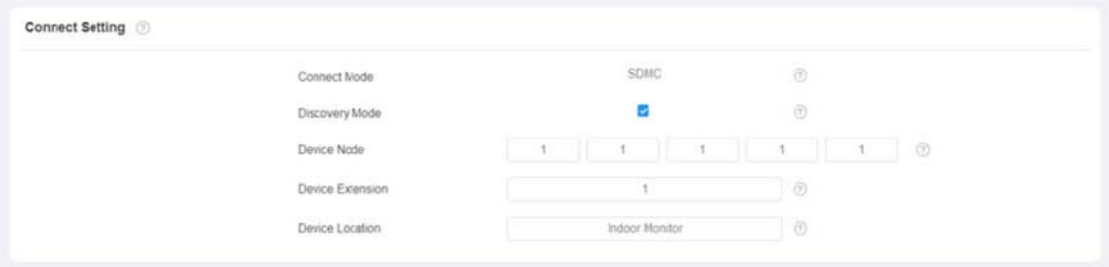


Parameter Set-up:

- **Type**:
  - If the **DHCP** mode is selected, then the indoor monitor will be assigned by the DHCP server with IP address, subnet mask, default gateway, and DNS server address automatically.
  - **Static IP**: if static IP mode is selected, then the IP address, subnet mask, default gateway, and DNS servers address have to be manually configured according to your actual network environment.
- **IP Address**: set up the IP address if the static IP mode is selected.
- **Subnet Mask**: set up the subnet mask according to your actual network environment.
- **Default Gateway**: set up the correct gateway default gateway according to the IP address of the default gateway.
- **Preferred/Alternate DNS Server**: set up DNS (**Domain Name Server**) according to your actual network environment. **Preferred DNS Server** is the primary DNS server address while the **Alternate DNS Server** is the secondary server address and the indoor monitor connects to the alternate DNS server when the preferred DNS server is unavailable.

11.2. Device Deployment in Network

Akuvox S567 series indoor monitors should be deployed before they can be properly configured in the network environment in terms of their location, operation mode, address, and extension numbers as opposed to other devices for device control and the convenience of the management. To deploy the device in the network on web **Network > Advanced > Connect Setting** interface.

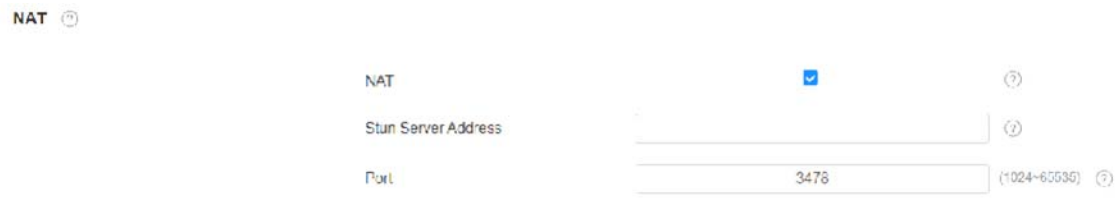


Parameter Set-up:

- **Connect Mode:** It is automatically set up according to the actual device connection with a specific server in the network such as **SDMC** or **Cloud and None. None** is the default factory setting indicating the device is not in any server type, therefore you are allowed to choose **Cloud**, **SDMC** in **discovery mode**.
- **Discovery Mode:** check to turn on the discovery mode of the device so that it can be discovered by other devices in the network, and uncheck if you want to conceal the device so as not to be discovered by other devices.
- **Device Node:** specify the device address by entering device location info from the left to the right: **Community, Unit, Stair, Floor, Room** in sequence.
- **Device extension**: enter the device extension number for the device you installed.
- **Device Location**: enter the location in which the device is installed and used.

11.3. Device NAT Setting

NAT (**Network Address Translation**) allows hosts in an organization's private intranet to transparently connect to hosts in the public domain. There is no need for internal hosts to have registered Internet addresses. It is a way to translate the internal private network IP address into a legal network IP address technology. To set up NAT, you can do it on the web **Account> Basic > NAT**.



Parameter Set-up:

- **NAT**: enable the NAT function.
- **Stun Server Address**: type in the SIP server in WAN.
- **Port**: type in the SIP server port.

Then go to **Account > Advanced > NAT** interface.

Parameter Set-up:

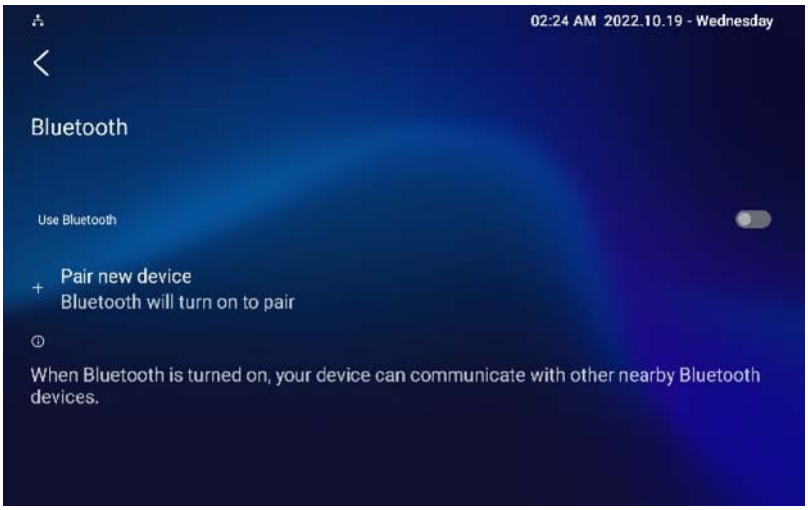
- **RPort**: enable the RPort when the SIP server is in WAN (**Wide Area Network**) for the SIP account registration.

11.4. Device Bluetooth Setting

11.4.1. Device Bluetooth Pairing

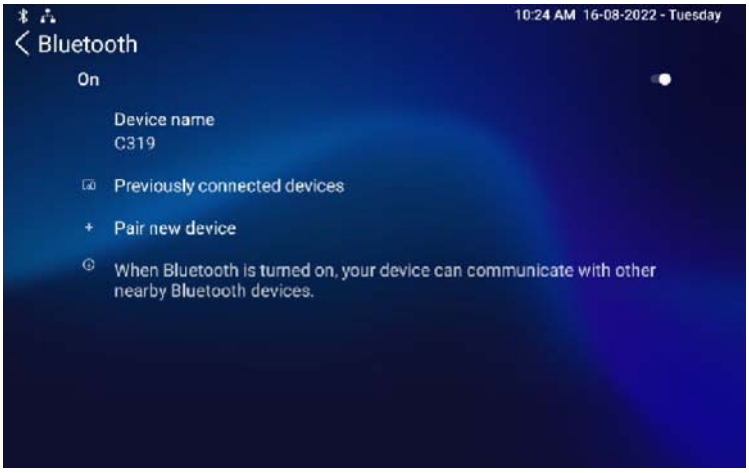
You need to enable the Bluetooth feature on the device before you can pair the indoor monitor with other Bluetooth-featured devices. You can go to **Settings >**

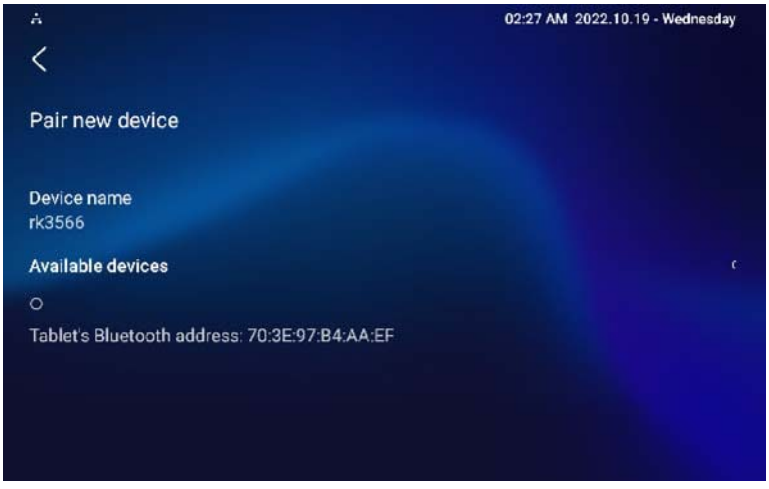
Bluetooth screen.



11.4.2. Device Bluetooth Data Transmission

To transfer data via Bluetooth by pressing **Pair new device.**



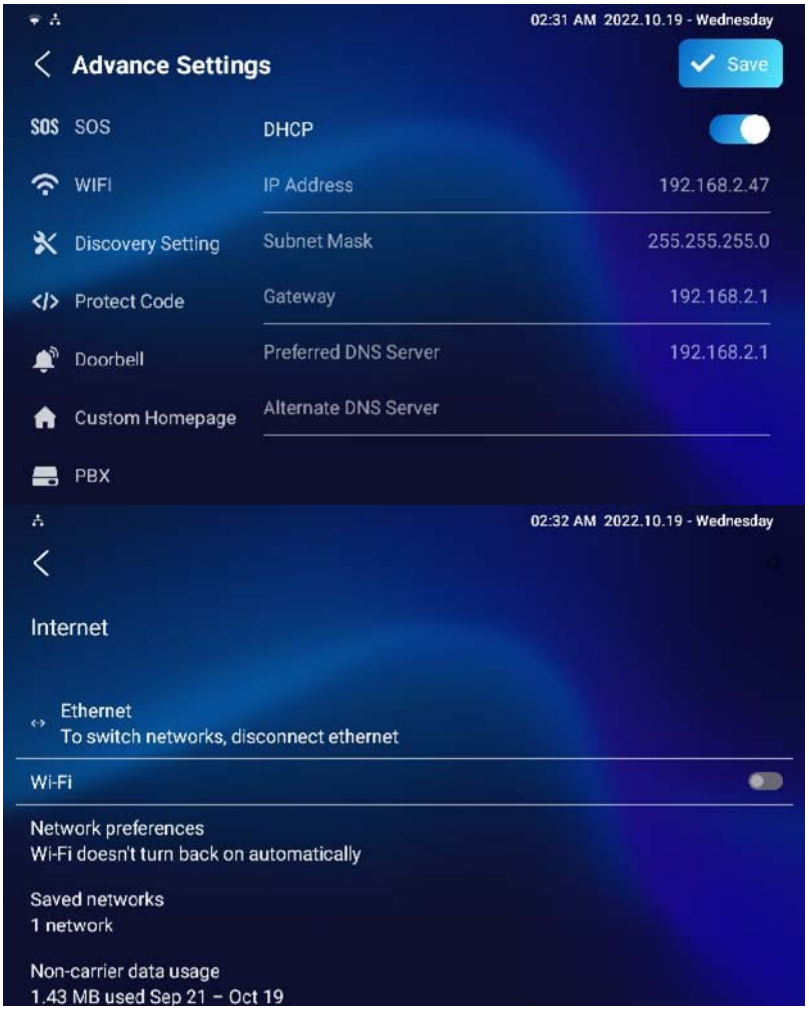


Note

- After successful Bluetooth pairing, data transmission can be carried out.

11.5. Device Wi-Fi Setting

In addition to a wired connection, the device also supports a Wi-Fi connection. To set the Wi-Fi on the device



Settings >Advance Setting screen.

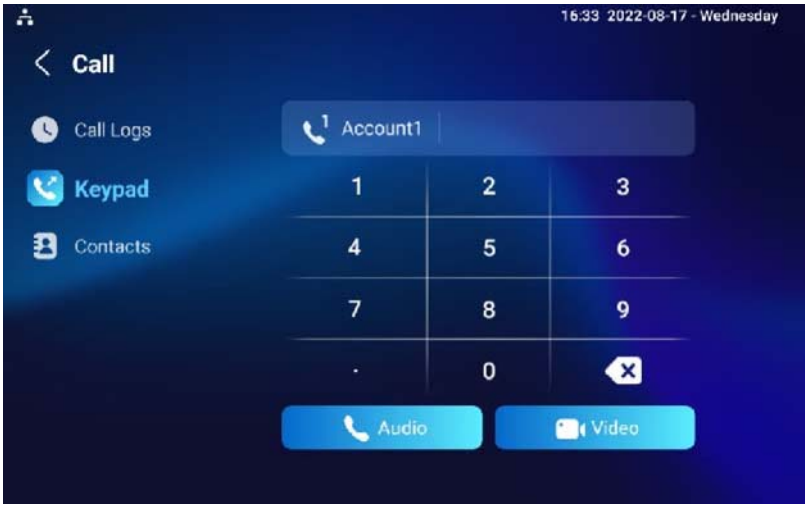
12. Intercom Call Configuration

12.1. IP call & IP Call Configuration

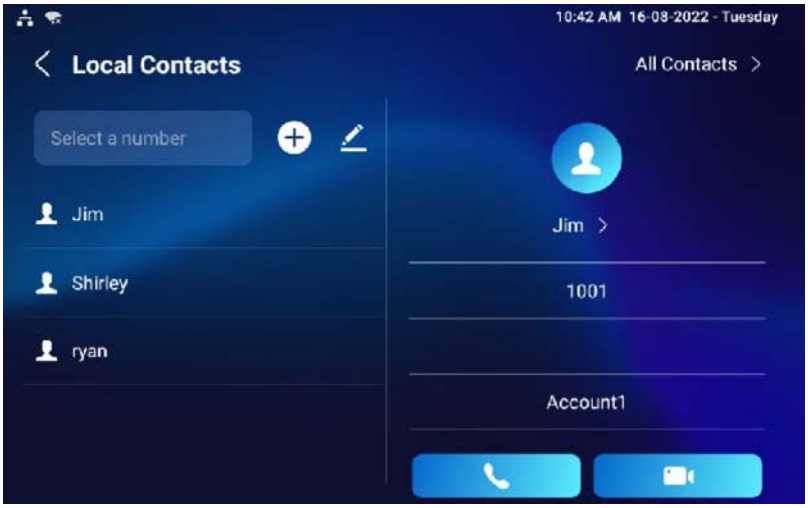
IP calls and SIP calls can be made directly on the intercom device by entering the IP number on the device. And you can also disable the direct IP call if you allow no IP call to be made on the device.

12.1.1. Make IP Calls

To make a direct IP call on the device **Call** screen. Enter the IP address you wish to call on the soft keyboard, and press **Audio** or **Video** tab to call out.

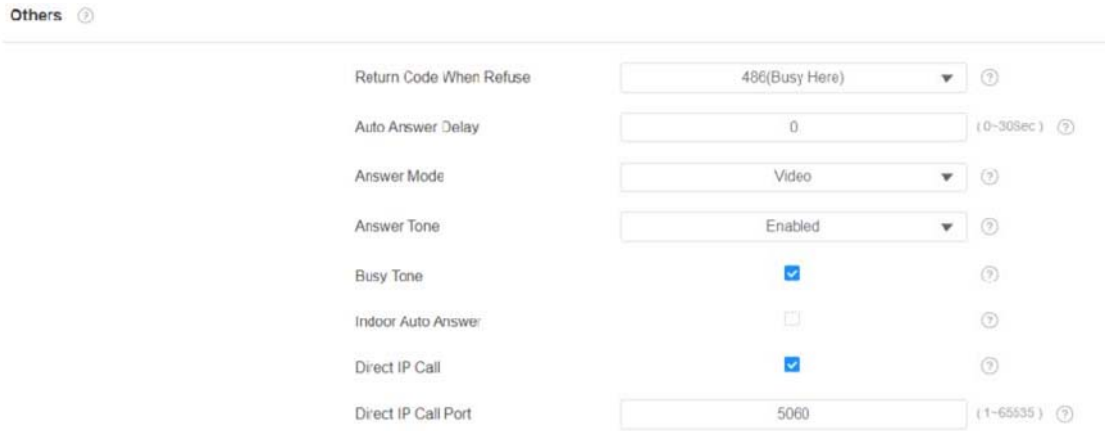


In addition, you can also make IP calls on the **Local Phonebook** on your device.



12.1.2. IP Call Configuration

To configure the IP call feature and port on the device web **Device > Call Feature > Others interface**.



Parameter Set-up:

- **Direct IP Call:** tick the check box to enable the direct IP call. For example, if you do not allow direct IP calls to be made on the device, you can untick the check box to terminate the function.
- **Direct IP Call Port**: the direct IP Call Port is **5060** by default with the port range from **1-65535**. If you enter any values within the range other than 5060, you are required to check if the value entered is consistent with the

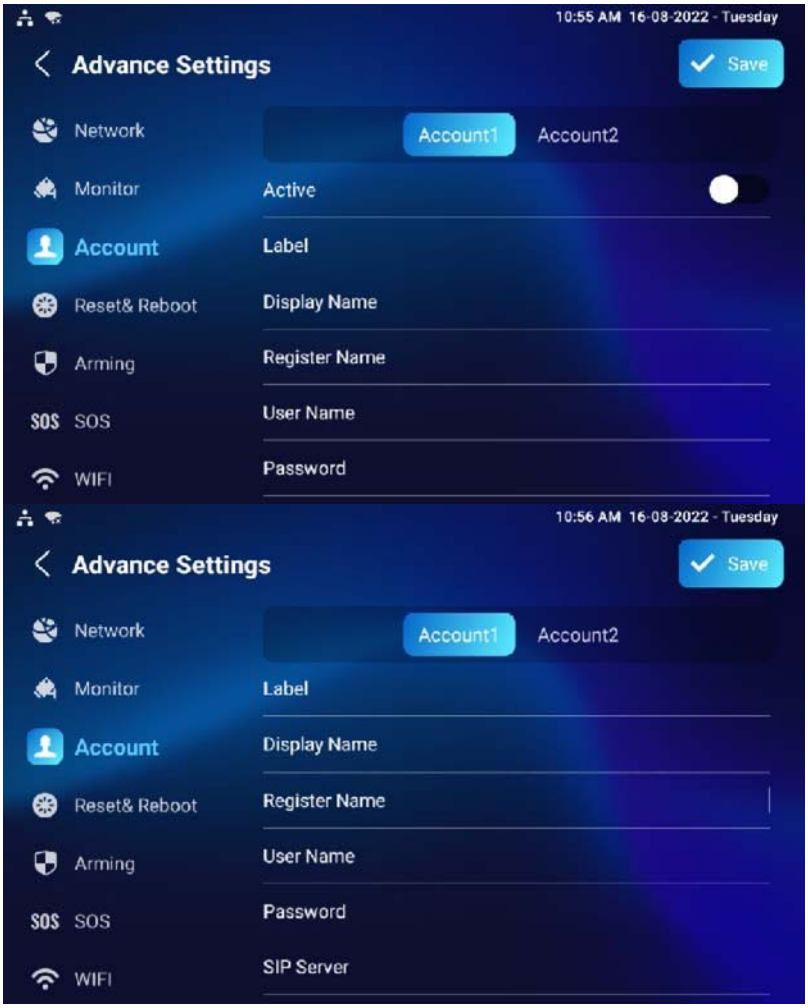
corresponding value on the device you wish to establish a data transmission.

12.2. SIP Call &SIP Call Configuration

You can make SIP calls (**Session Initiation Protocol**) in the same way as you do for making IP calls on the device. However, SIP call parameters related to its account, server, and transport type need to be configured first before you can make calls on the device.

12.3. SIP Account Registration

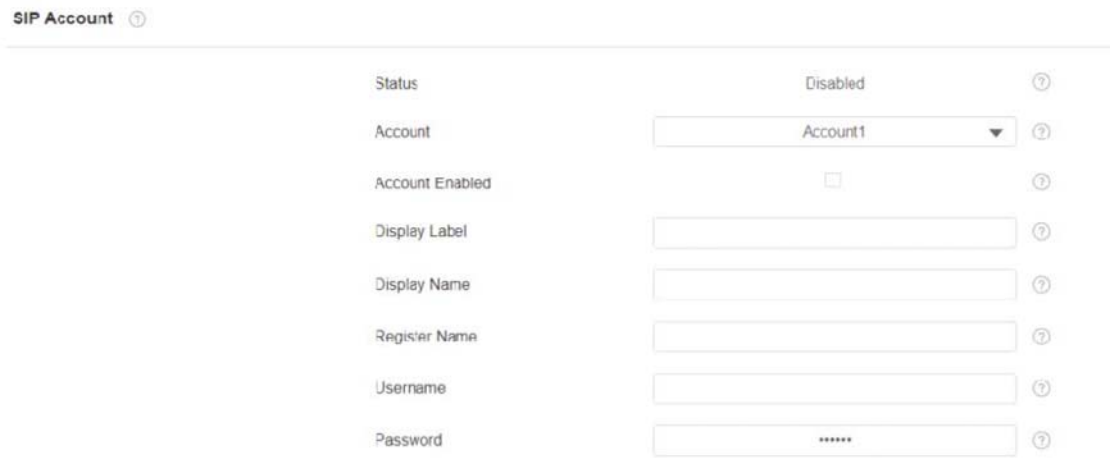
Akuvox S567 series indoor monitors support two SIP accounts that can all be registered according to your applications. For example, you can switch between the two SIP accounts. The SIP account can be configured on the device and on the device interface. To configure the SIP account on the device **Settings > Advance Settings > Account** screen.



Parameter Set-up:

- **Account1/Account2**: select Account1 or Account2. Account1 is the default SIP account.
- **SIP Port**: enter the SIP server port for communication. The SIP port is **5060** by default.

The parameter settings for SIP account registration can be configured on the Account setting screen and they can also be configured on the device web **Account > Basic > SIP Account** interface.

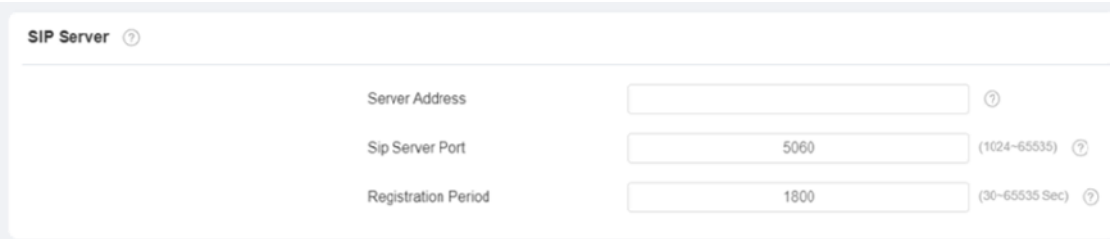


Parameter Set-up:

- **Status**: check to see if the SIP account is registered or not.
- **Account**: select Account1 or Account2.
- **Account Enabled**: check to activate the registered SIP account.
- **Display Label**: configure the device label to be shown on the device screen.
- **Display Name**: configure the name, for example, the device's name to be shown on the device being called to.
- **Register Name**: enter the SIP account register Name obtained from the SIP account administrator.
- **Username**: enter the user name obtained from the SIP account administrator.
- **Password**: enter the password obtained from the SIP server.

12.4. SIP Server Configuration

A SIP server can be set up for devices to achieve call sessions through a SIP server between intercom devices. To perform the SIP account setting on the Web **Account > Basic > SIP Account** Interface.

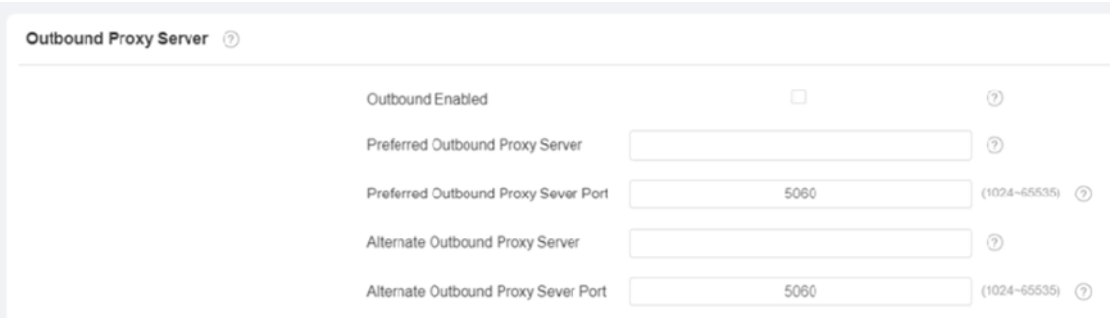


Parameter Set-up:

- **Server IP**: enter the Server's IP address number or its URL.
- **Port:** set up SIP server port for data transmission.
- **Registration Period:** set up SIP account registration time pan. SIP re-registration will start automatically if the account registration fails during the registration time span. The default registration period is **1800**, ranging from **30-65535s**.

12.5. Outbound Proxy Server configuration

An outbound proxy server is used to receive all initiating request messages and route them to the designated SIP server to establish call sessions via port-based data transmission. To configure the outbound proxy server on **Account > Basic > Outbound Proxy Server** interface.



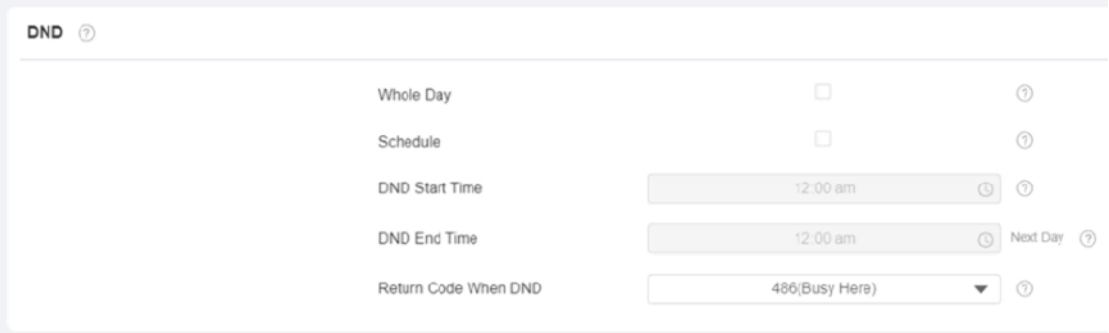
Parameter Set-up:

- **Outbound Enable:** check or uncheck to turn on or turn off the outbound proxy server.

- **Preferred Outbound Proxy Server:** enter the SIP address of the outbound proxy server.
- **Preferred Outbound Proxy Port:** enter the Port number to establish call session via the outbound proxy server.
- **Alternate Outbound Proxy Server:** set up Backup Server IP for the backup outbound proxy server.
- **Alternate Outbound Proxy Port:** enter the Port number to establish call session via the backup outbound proxy server.

12.6. SIP Call DND & Return Code Configuration

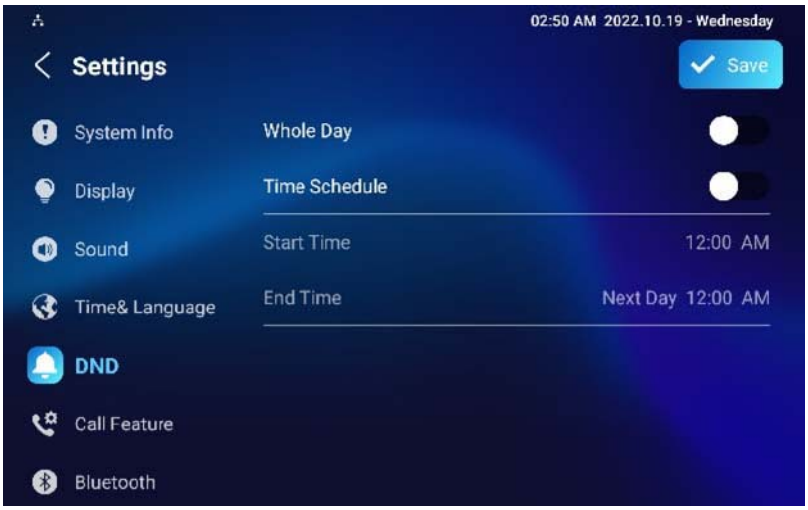
DND (**Do not disturb**) setting allows you not to be disturbed by any unwanted incoming SIP calls. You can set up DND related parameters properly on the device web **Device > Call Feature > DND** interface to block SIP calls you do not intend to answer. In the meantime, you can also define the code to be sent to the SIP server when you want to reject the call.



Parameter Set-up:

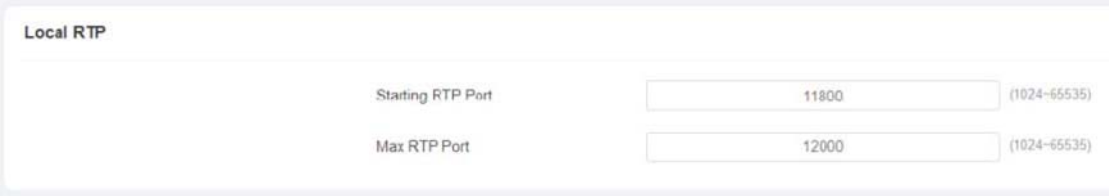
- **DND**: check **Whole Day** or **Schedule** to enable the DND function. DND function is disabled by default.
- **Return Code When DND**: select what code should be sent to the calling device via SIP server. **404 for Not found**; **480 for Temporary Unavailable**; **486 for Busy Here**.
- **Return Code When Refuse**: select the code to be sent to the caller side via SIP server when you rejected the incoming call.

You can also set up DND on the device. Tap **Settings > DND**.



12.7. Device Local RTP Configuration

For the device network data transmission purpose, the device needs to be set up with a range of RTP ports (**Real-time Transport Protocol**) for establishing an exclusive range of data transmission in the network. To set up the device's local RTP on web **Network > Advanced > Local RTP** interface.

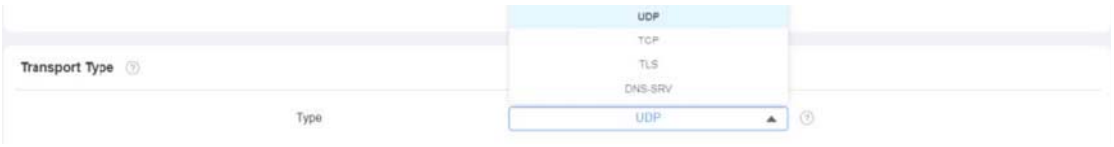


Parameter Set-up:

- **Starting RTP Port**: enter the Port value to establish the start point for the exclusive data transmission range.
- **Max RTP port**: enter the Port value to establish the endpoint for the exclusive data transmission range.

12.8. Data Transmission Type Configuration

SIP messages can be transmitted in three data transmission protocols: **UDP** (**User Datagram Protocol**), **TCP** (**Transmission Control Protocol**), **TLS** (**Transport Layer Security**), and **DNS-SRV.** In the meantime, you can also identify the server from which the data come. To do this configuration on web **Account > Basic > Transport Type** interface.



Parameter Set-up:

- **UDP**: select **UDP** for unreliable but very efficient transport layer protocol. UDP is the default transport protocol.
- **TCP:** select **TCP** for reliable but less-efficient transport layer protocol.
- **TLS**: select **TLS** for a secured and reliable transport layer protocol.
- **DNS-SRV:** select **DNS-SRV** to obtain a DNS record for specifying the location of services. And **SRV** not only records the server address but also the server port. Moreover, SRV can also be used to configure the priority and the weight of the server address.

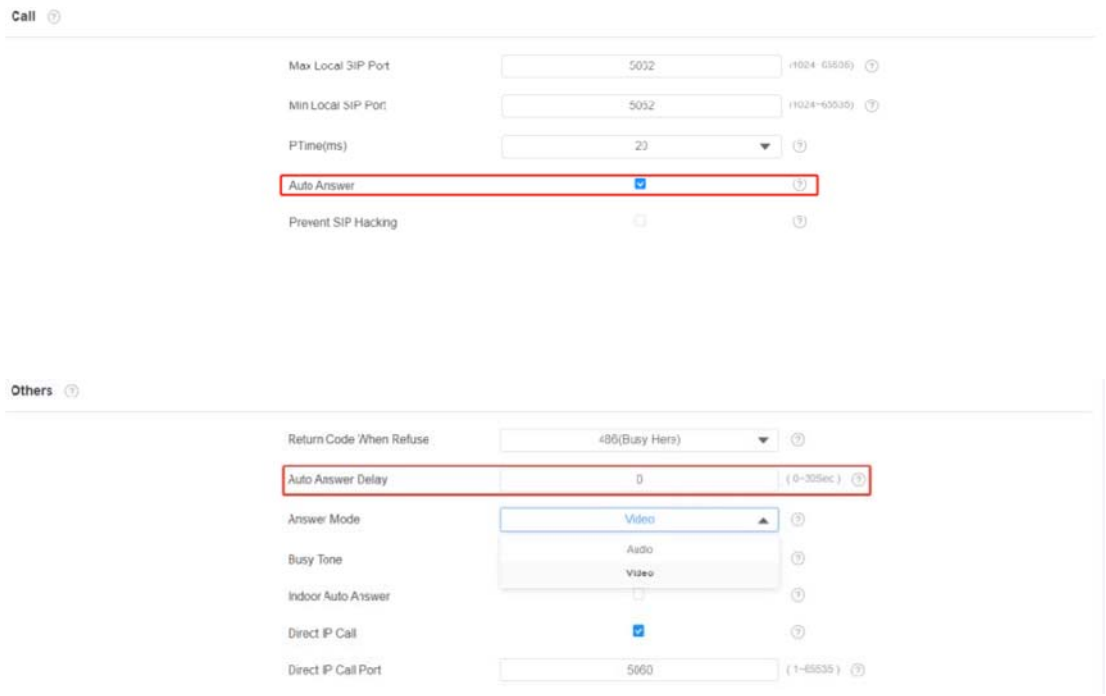
12.9. Call Setting

S567 will auto-answer all incoming calls if call auto-answer is enabled and receive live stream if live stream is enabled.

12.9.1. Auto-answer Configuration

S567 will auto-answer all incoming calls if call auto-answer is enabled and receive live stream if live stream is enabled. To do the configuration on web **Account > Advanced > Call > Auto Answer** and **Device > Call Feature > Others**

interface.



Parameter Set-up:

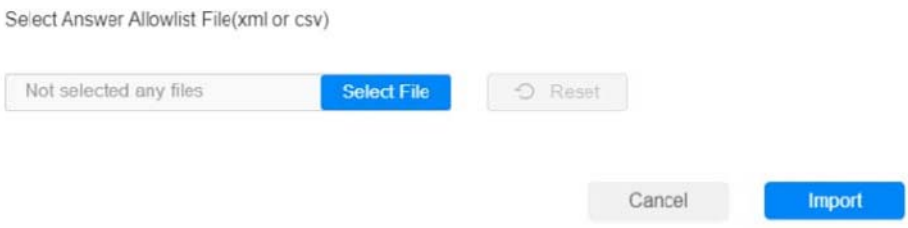
- **Auto Answer:** turn on the Auto Answer function by ticking the square box.
- **Auto Answer Delay:** set up the delay time (from 0-30 sec.) before the call can be answered automatically. For example, if you set the delay time as 1 second, then the call will be answered in 1 second automatically.
- **Answer Mode:** set up the video or audio mode you preferred for answering the call automatically.
- **Indoor Auto Answer:** turn on the Auto Answer function for call from other indoor monitors by ticking the check box.

12.9.2. Auto-answer Allow List setting

Auto-answer can only apply to the SIP or IP numbers that are already added to the auto-answer allowlist of your indoor monitor. Therefore, you are required to configure or edit the numbers in the allowlist on the web **Device > Call**

Feature > Auto Answer AllowList interface.

SIP/IP numbers can be imported to or exported out of the indoor monitor in batch on web Device **> Call Feature > Auto Answer AllowList**.



Note

- SIP/IP number files to be imported or exported must be in either .xml or .csv format.
- SIP/IP numbers must be set up in the phone book of the indoor monitor before they can be valid for the auto-answer function.

12.9.3. Live Stream Setting

Receive Live Stream on the indoor monitor allows you to see the video image (one-way video stream) from the calling device such as a door phone whether or not you answered the call in audio or video mode, while the video image from your indoor monitor will not be sent to the calling devices to protect your privacy. To do the configuration on web **Device >Call Feature >Audio Call Settings** interface.

If it is enabled, calling parties can not see you when they want to have a two-way video call with you. See the details below:

- If an incoming call is received on an audio basis on the S567, then you can still see the video image of the calling party, while the calling party cannot see yours. Thus it protects your privacy.
- If an incoming call is received on a video basis on the S567, then both of you and the calling party can see each other in the two-way video call.

Note

- Only the indoor monitor with a camera module has this feature.

12.10. Intercom Call Configuration (intercom preview, mute)

If you want to see the image at the door station before answering the incoming call, you can enable the intercom preview function on web **Device > Intercom > Intercom** interface.