



S567

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

You are advised to refer to the related documents for more technical information via the link below:

<https://knowledge.akuvox.com>

Contents

1. Product Overview	1
2. Change Log	2
3. Model Specification	3
4. Introduction to Configuration Menu	4
5. Breathing Light Status	6
6. Access the Device	7
6.1. Device Start-up Network Selection	7
6.2. Device Home Screen Type Selection	7
6.3. Accessing the Device Setting on the Device	8
6.3.1. Accessing Device Basic Setting	8
6.3.2. Accessing Device Advance Setting	9
6.4. Access the Device Setting on the Web Interface	10
7. Language and Time Setting	12
7.1. Language Setting	12
7.1.1. Language Setting on the Device	12
7.2. Time Setting	12
7.2.1. Time Setting on the Device	12
7.2.2. Time Setting on the Device Web Interface	13
8. Screen Display Configuration	15
8.1. Screen Display Setting on the Device	15
8.2. Screen Display Setting on the Web Interface	17
8.2.1. Upload Screen Saver	17
8.2.2. Upload Wall Paper	17
8.2.3. Upload Device Booting Image	18
8.3. Approach to Wake UP	18
8.4. Icon Screen Display Configuration	19
8.5. Unlock Tab configuration	21
8.6. Home Screen Display	23
9. Sound and Volume Configuration	24
9.1. Volume Configuration	24
9.1.1. Configure Volume on the Device	24
9.1.2. Configure Volume on the Web Interface	25
10. Phone Book Configuration	27
10.1. Phone Book Configuration on the Device	27
10.1.1. Add Contact	27
10.1.2. Edit Contact	28
10.1.3. Block List Setting on the Device	28
10.2. Phone Book Configuration on the Web Interface	29
10.2.1. Add/Edit/Delete Search Local Contacts	29
10.2.2. Import and Export Contact	30

10.2.3. Contact List Display Configuration	30
10.2.4. Web Call	31
11. Network Setting & Other Connection	32
11.1. Device Network Configuration	32
11.1.1. Configuring Device Network Connection on the Device	32
11.1.2. Configuring Device Network Connection on the Web Interface	33
11.2. Device Deployment in Network	34
11.3. Device NAT Setting	35
11.4. Device Bluetooth Setting	36
11.4.1. Device Bluetooth Pairing	36
11.4.2. Device Bluetooth Data Transmission	36
11.5. Device Wi-Fi Setting	37
12. Intercom Call Configuration	38
12.1. IP call & IP Call Configuration	38
12.1.1. Make IP Calls	38
12.1.2. IP Call Configuration	39
12.2. SIP Call & SIP Call Configuration	39
12.3. SIP Account Registration	39
12.4. SIP Server Configuration	41
12.5. Outbound Proxy Server configuration	42
12.6. SIP Call DND & Return Code Configuration	42
12.7. Device Local RTP Configuration	43
12.8. Data Transmission Type Configuration	44
12.9. Call Setting	44
12.9.1. Auto-answer Configuration	45
12.9.2. Auto-answer Allow List setting	45
12.9.3. Live Stream Setting	46
12.10. Intercom Call Configuration (intercom preview, mute)	47
12.11. Voice Changer	47
12.12. Emergency Call Setting	48
12.13. Multicast Configuration	49
12.14. Call Forwarding Setting	50
12.14.1. Call Forwarding Configuration on the Device	50
12.14.2. Call Forwarding Configuration on the Web Interface	51
13. Intercom Message Setting	52
13.1. Manage Messages	52
14. Audio& Video Codec Configuration for SIP Calls	53
14.1. Audio Codec Configuration	53
14.2. Video Codec Configuration	54
15. Security	56
15.1. Monitor and Image	56
15.1.1. Monitor Setting	56
15.1.2. Video Image Capturing	58
15.1.3. RTSP Authentication	59
15.2. Alarm and Arming Configuration	59
15.2.1. Configure Alarm and Arming on the Device	59

15.2.2. Configure Alarm and Arming on the Web Interface	60
15.2.3. Configure Location-based Alarm	61
15.2.4. Configure Alarm Text	62
15.2.5. Configure Arming Mode	63
15.2.6. Configure Alarm Ringtone	63
15.2.7. Alarm Action Configuration	64
15.2.8. Check Alarm Log	66
15.3. Screen Unlock Setting	67
15.3.1. Screen Unlock by PIN code	67
15.4. Voice Encryption	67
15.5. Remote Control	68
15.6. Location	68
16. Door Access Control Configuration	69
16.1. Relay Switch Setting	69
16.1.1. Local Relay Setting	69
16.1.2. Remote Relay Switch Setting	69
16.2. Web Relay Setting	70
16.3. Door Unlock Configuration	70
16.3.1. Door Unlock by DTMF Code	70
16.3.2. Door Unlock via HTTP Command	71
16.4. Relay Switch Setting	72
16.4.1. Local Relay Setting	72
16.4.2. Remote Relay Switch Setting	73
16.5. Web Relay Setting	73
16.6. Door Unlock Configuration	74
16.6.1. Door Unlock by DTMF Code	74
16.6.2. Door Unlock via HTTP Command	75
17. Lift Control	77
17.1. Configure Lift Control	77
17.2. Configure Lift Control Prompt	77
18. Firmware Upgrade	78
19. Backup	79
20. Auto-provisioning via Configuration File	80
20.1. Provisioning Principle	80
20.2. Introduction to the Configuration Files for Auto-Provisioning	80
20.3. Autop	81
20.4. DHCP Provisioning Configuration	82
20.5. Static Provisioning Configuration	83
21. Voice Assistant	85
22. Call Log	91
23. Debug	93
23.1. System Log for Debugging	93
23.1.1. Capturing a System Log for Debugging	93
23.2. PCAP for Debugging	93
23.3. User Agent	94

23.4. Screenshots	94
24. Device Integration with Third Party	95
24.1. Enter Applications Screen	95
24.2. Install Third-party App	96
25. PBX Feature	98
25.1. PBX Configuration on The Device	99
25.1.1. Enable PBX Service	99
25.1.2. Manage PBX Accounts	99
25.1.3. Manage PBX Groups	101
25.2. PBX Configuration on the Web Interface	102
26. Password Modification	103
26.1. Modify Device Basic Setting Password	103
26.2. Modify Device Advanced Setting Password	103
26.3. Modify Device Web Interface Password	104
26.4. Modify Browser Password	104
27. System Reboot&Reset	106
27.1. Reboot	106
27.1.1. Reboot on the Device	106
27.1.2. Reboot on the Web Interface	107
27.2. Reset	107
27.2.1. Reset on the Device	107
27.2.2. Reset on the Web Interface	108
28. Abbreviations	109
29. FAQ	111
30. Contact Us	112

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 b/g/n/ax
Bluetooth	5.0
Ethernet	1xRJ45, 10/100Mbps adaptive
Power Supply	12VDC/1.5A
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:

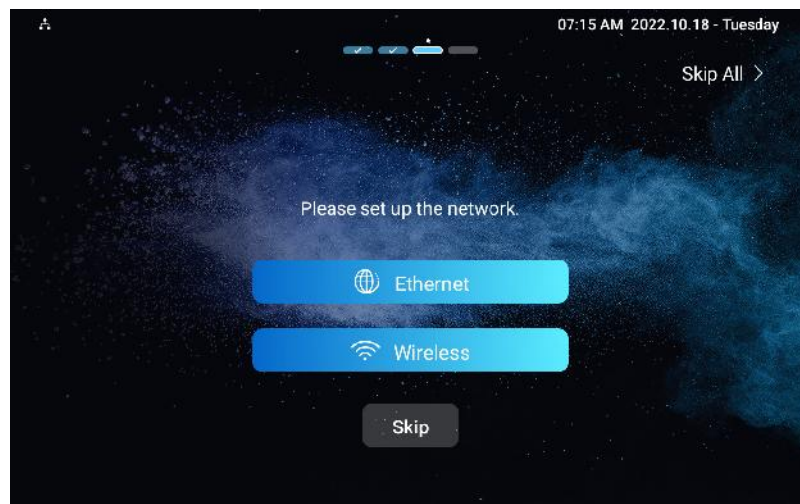
Indicator Name	Color	Status	Description
Power	Blue	ON	System is working
		OFF	System is not working
System status	Blue	ON	System is working.
Device booting	Purple	ON	The device is powered on and booting.
Network	Red	Flashing	Failed to obtain IP address.
Incoming Call	Blue	Flashing	Receiving an incoming 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	<ul style="list-style-type: none"> ● Screen is turned off. ● Device is turned off.
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.

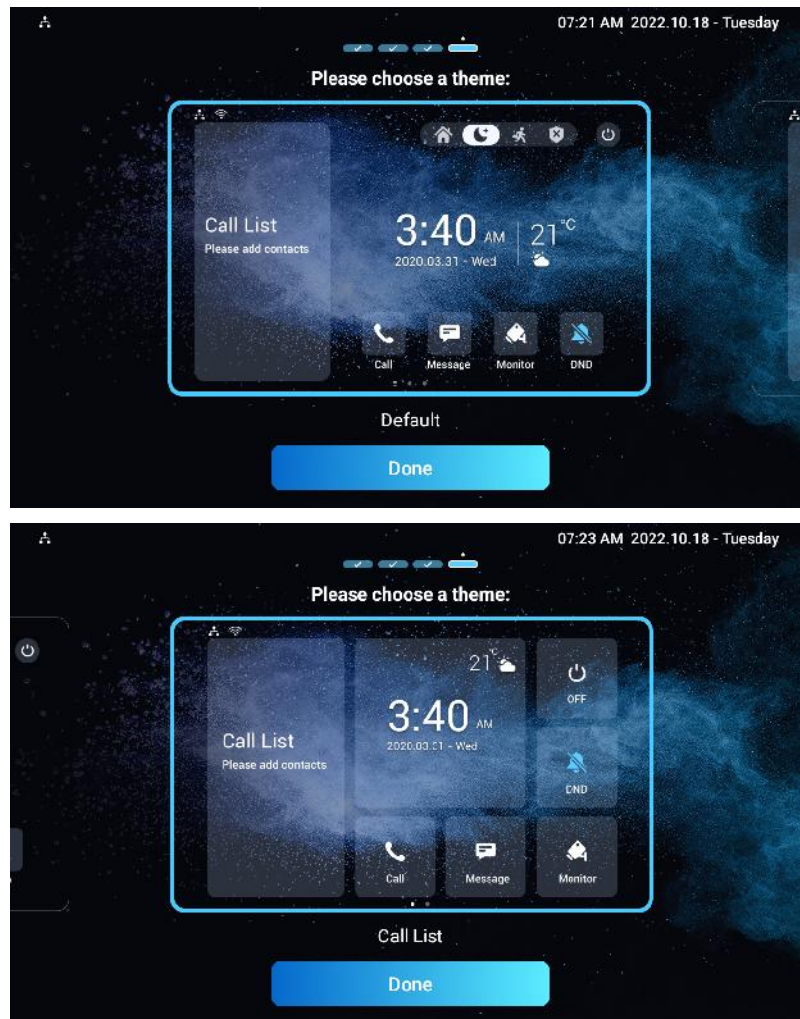


Note

- 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

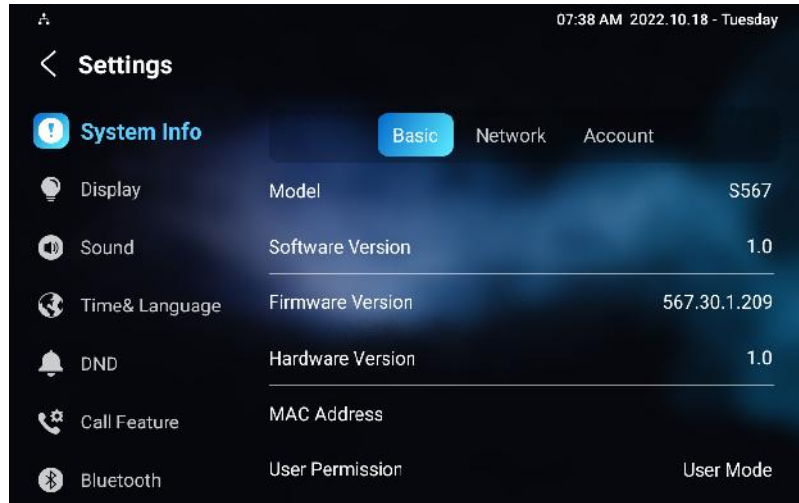
Akuvox indoor monitor supports two different home screen display modes- Default or Call List. Choose one suitable mode for your scenarios.



6.3. Accessing the Device Setting on the Device

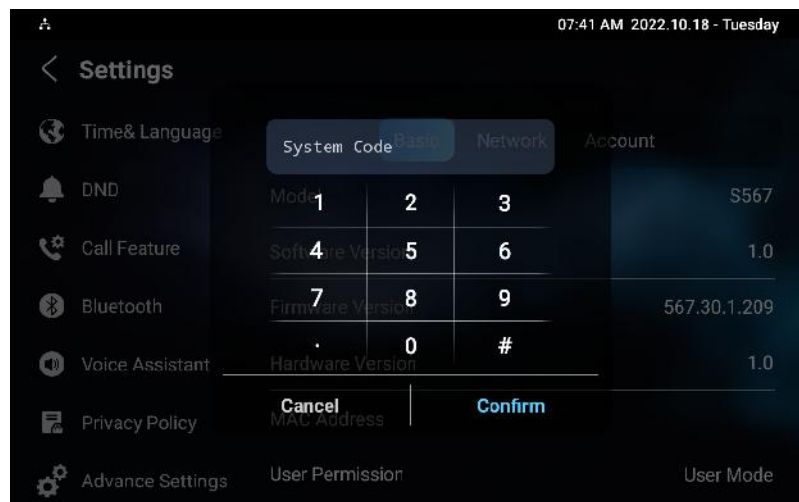
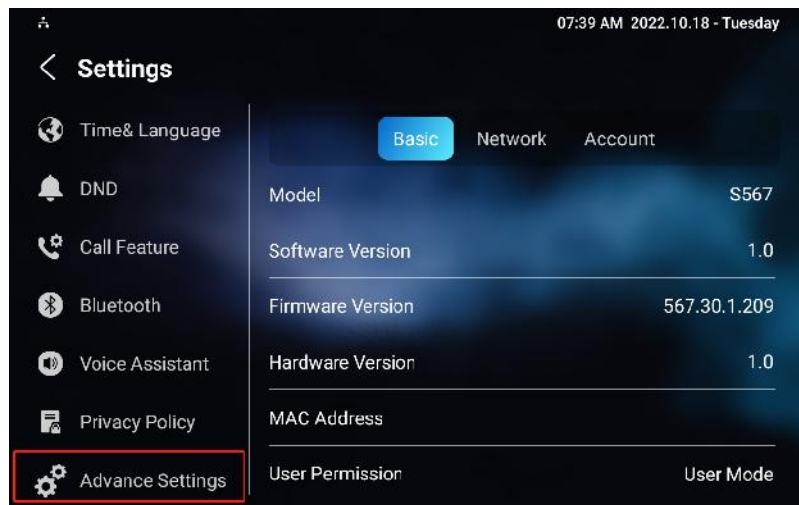
6.3.1. Accessing Device Basic Setting

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

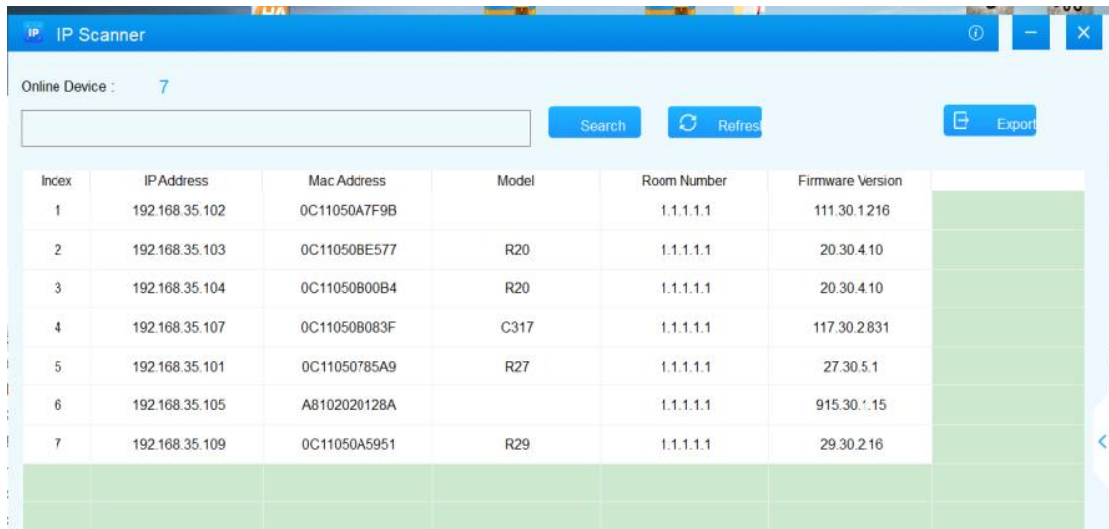
To access the advance setting, press **Setting** then tap **Advance Settings** icon. Press password 123456 to enter the advance setting.



6.4. Access the Device Setting on the Web Interface

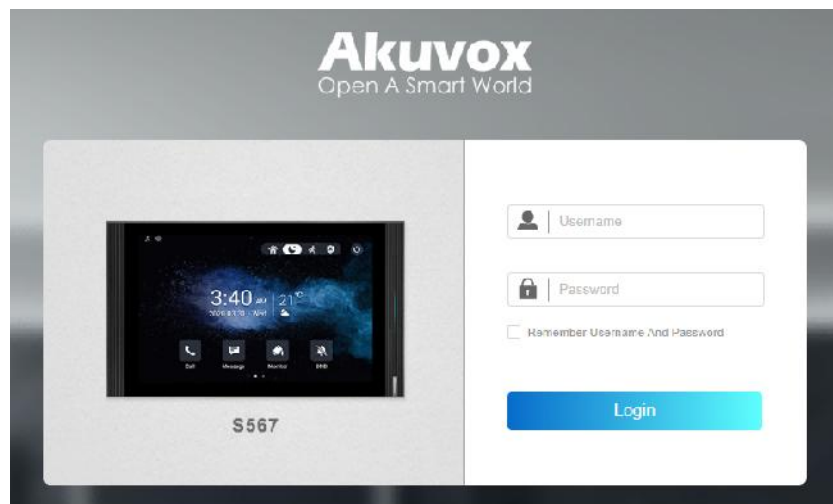
You can also enter the device IP address on the web browser to log in to the device web interface by username and password **admin/admin** where you can configure and adjust parameters etc.

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.



Online Device : 7

Index	IP Address	Mac Address	Model	Room Number	Firmware Version
1	192.168.35.102	0C11050A7F9B		1.1.1.1.1	111.30.1216
2	192.168.35.103	0C11050BE577	R20	1.1.1.1.1	20.30.4.10
3	192.168.35.104	0C11050B00B4	R20	1.1.1.1.1	20.30.4.10
4	192.168.35.107	0C11050B083F	C317	1.1.1.1.1	117.30.2831
5	192.168.35.101	0C11050785A9	R27	1.1.1.1.1	27.30.5.1
6	192.168.35.105	A8102020128A		1.1.1.1.1	915.30.1.15
7	192.168.35.109	0C11050A5951	R29	1.1.1.1.1	29.30.2.16



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.

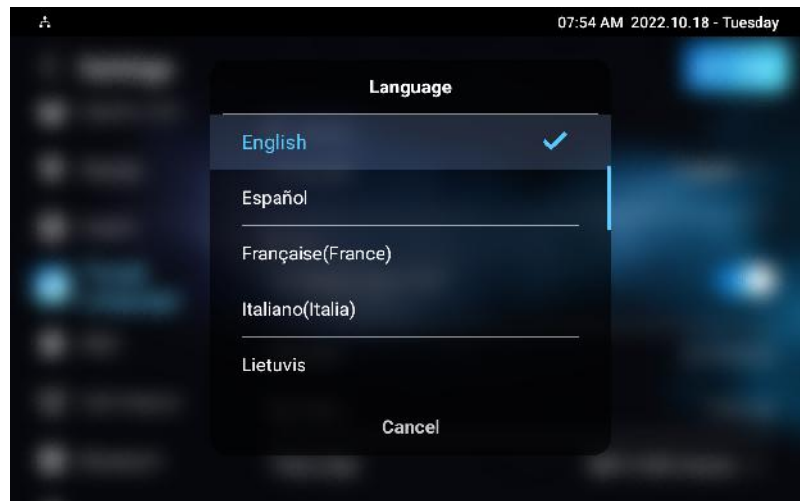
7. Language and Time Setting

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.

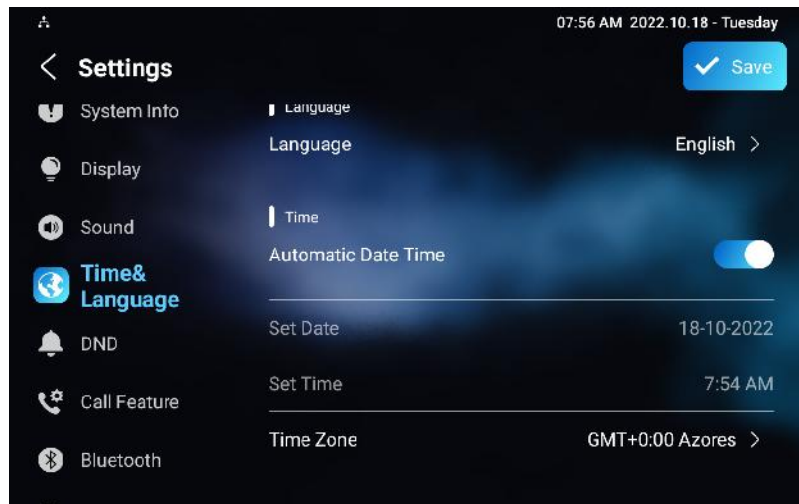


7.2. Time Setting

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 enter the 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 format 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.

Time Setting ⓘ

Automatic Date&Time ⓘ

Time Format: 12-Hour Format ⓘ

Date Format: MM/DD/YYYY ⓘ

Date: 10-10-2022 ⓘ

Time: 7:59 am ⓘ

Time Zone: GMT-000 Atlantic/Azores ⓘ

NTP ⓘ

Preferred Server: 0.pool.ntp.org ⓘ

Secondary Server: 1.pool.ntp.org ⓘ

Parameter Set-up:

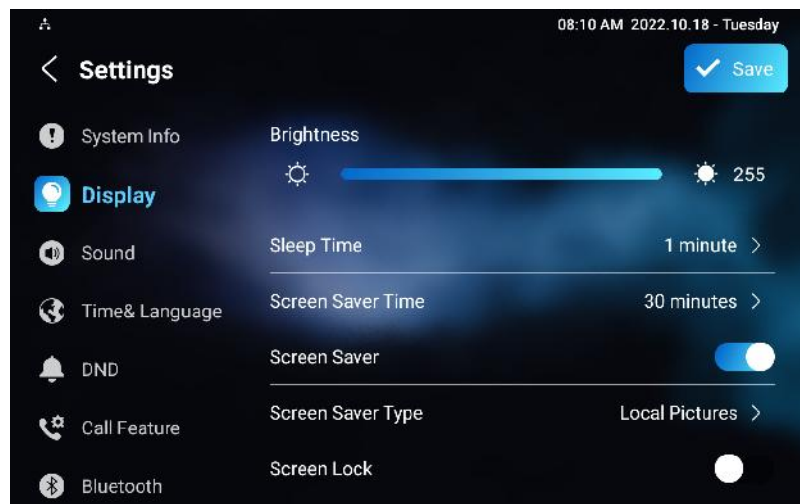
- **Preferred Server:** enter the NTP server address you obtained in the **NTP server** field.
- **Secondary Server:** enter the back up server address. When the main NTP server failed, it will change to the back up server automatically

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.

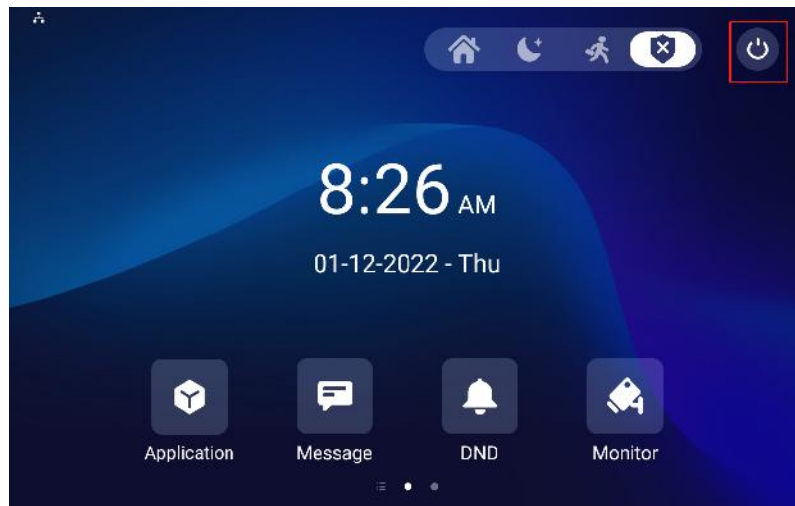
Parameter Set-up:

- **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.

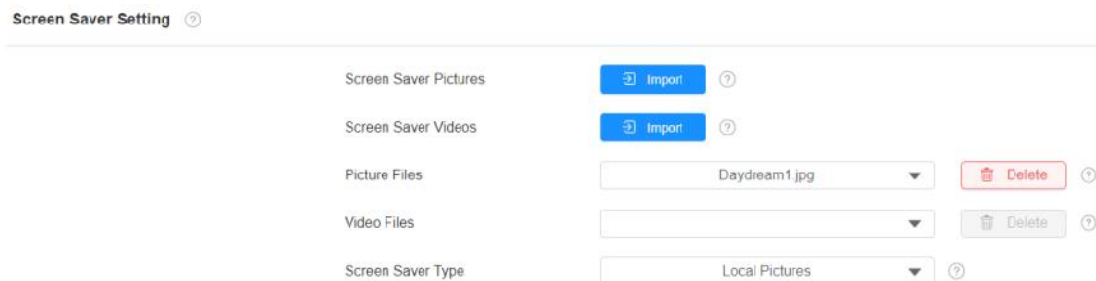


8.2. Screen Display Setting on the Web Interface

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.

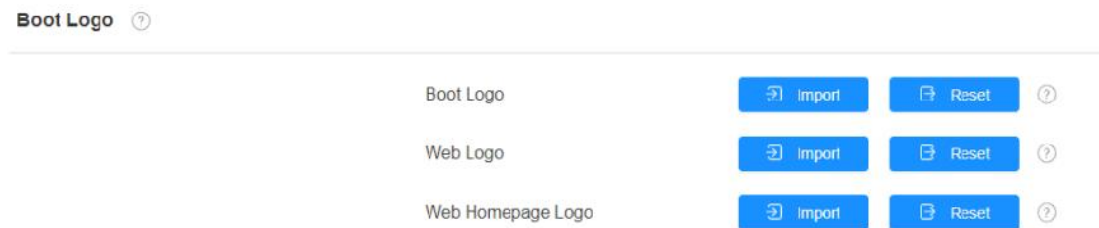


Note

- 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**.

Wake Up Device

Wake Up Mode

Wake Up Distance

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.

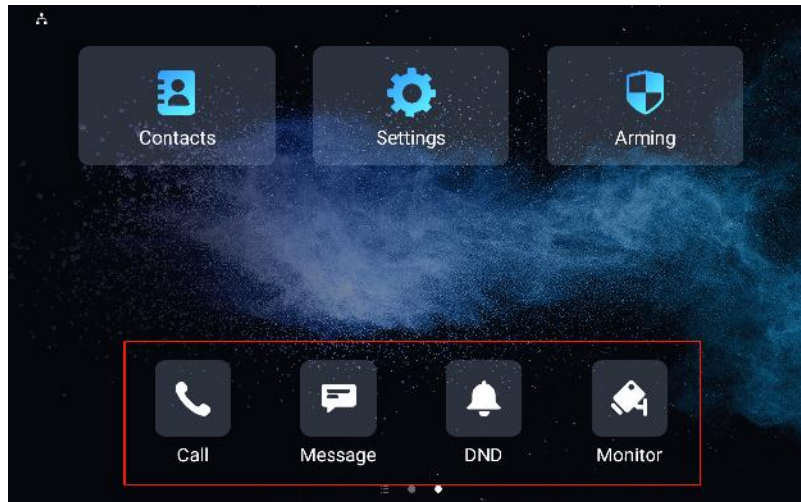
Home Page Display Example

Area	Type	Value	Label	Icon(max size:100*100)
Area1	Call	<input type="text"/>	<input type="text"/>	Not selected any files <input type="button" value="Select File"/> <input type="button" value="Delete"/>
Area2	Message	<input type="text"/>	<input type="text"/>	Not selected any files <input type="button" value="Select File"/> <input type="button" value="Delete"/>
Area3	DND	<input type="text"/>	<input type="text"/>	
Area4	Monitor	<input type="text"/>	<input type="text"/>	Not selected any files <input type="button" value="Select File"/> <input type="button" value="Delete"/>

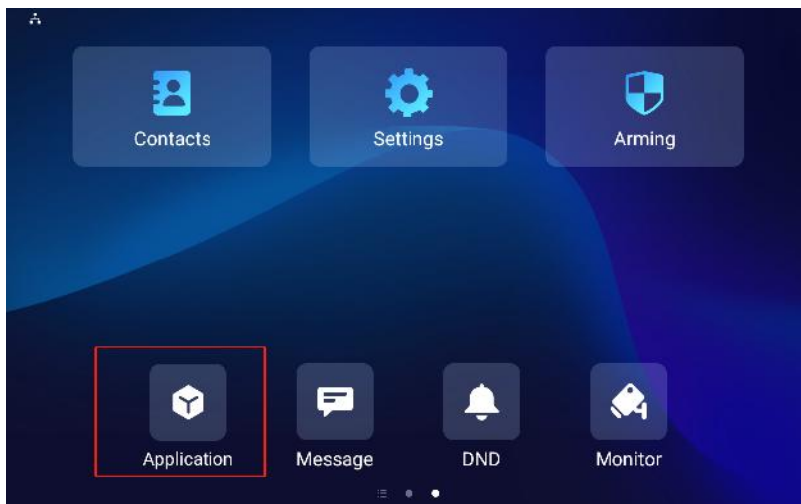
Parameter Set-up:

- **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 allow 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.



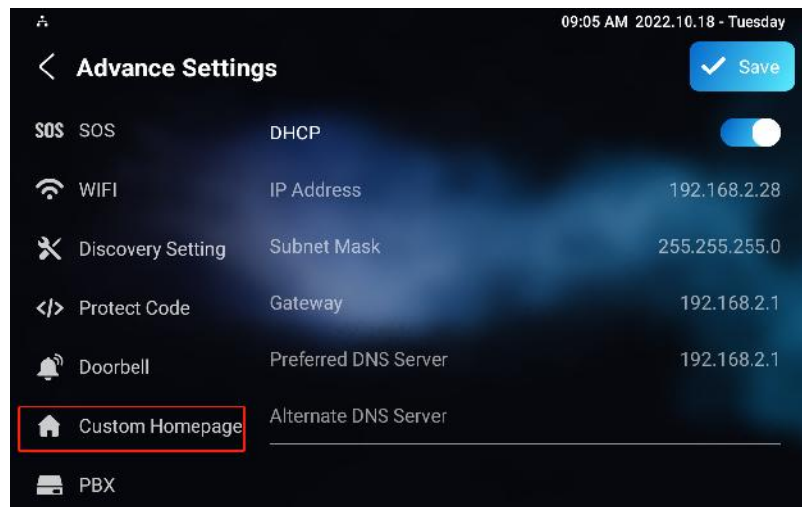
To configure the more icon display on **More Page Display** on the same interface.

More Page Display Example

Area	Type	Value	Label	Icon(max size:100*100)
Area1	Contacts			Not selected any files Select File Delete
Area2	Settings			Not selected any files Select File Delete
Area3	Arming			Not selected any files Select File Delete
Area4	NA			Not selected any files Select File Delete
Area5	NA			Not selected any files Select File Delete
Area6	NA			Not selected any files Select File Delete

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**.

SoftKey In Talking Page ⓘ

Key	Status	Display Name	Type
Key1	Enabled	Unlock1	Local Relay
Key2	Enabled	Unlock2	1
Key3	Enabled	Unlock3	Remote Relay DTMF-1

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**.

SoftKey In Home Or More Page ?

Status	Display Name	Type
Enabled	Unlock	Remote Relay HTTP1

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:

SoftKey In Monitor Page ?

Status	Display Name	Type
Enabled	Unlock	Remote Relay HTTP

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:

SoftKey In Call-Preview Page ?

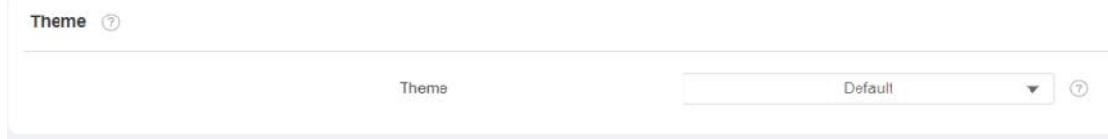
Status	Display Name	Type
Enabled	Unlock	Remote Relay HTTP

Parameter Set-up:

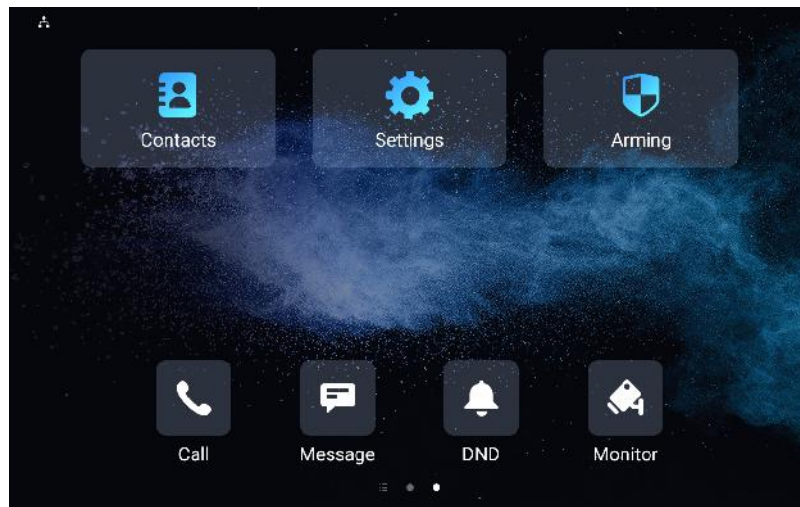
- **Status:** enable the unlock tabs on the screen. You can see the unlock tabs on the call preview screen.
- **Display name:** name the unlock tab.
- **Type:** select the relay and relay trigger type you want to be triggered by the unlock tab. (Remote Relay HTTP, Local Relay, Web Relay Action).

8.6. Home Screen Display

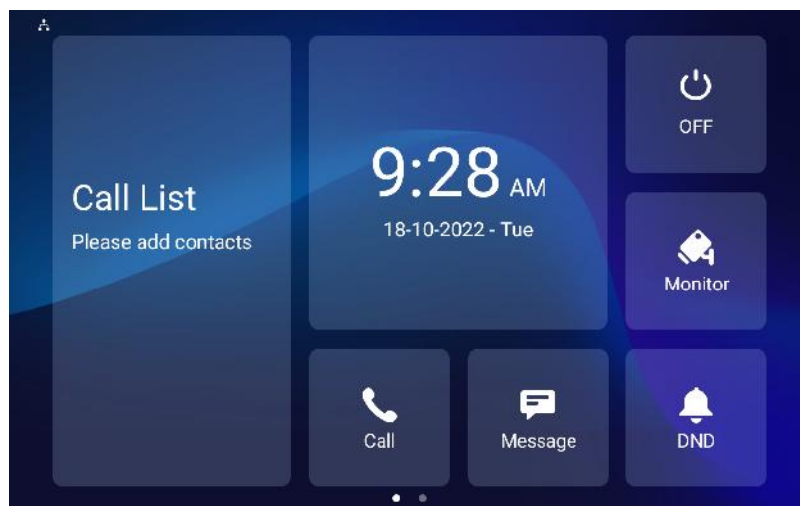
You can select the default or call list home screen display. You can go to **Device > Display Setting > Theme**.



Default Home Screen:



Call List Home Screen:



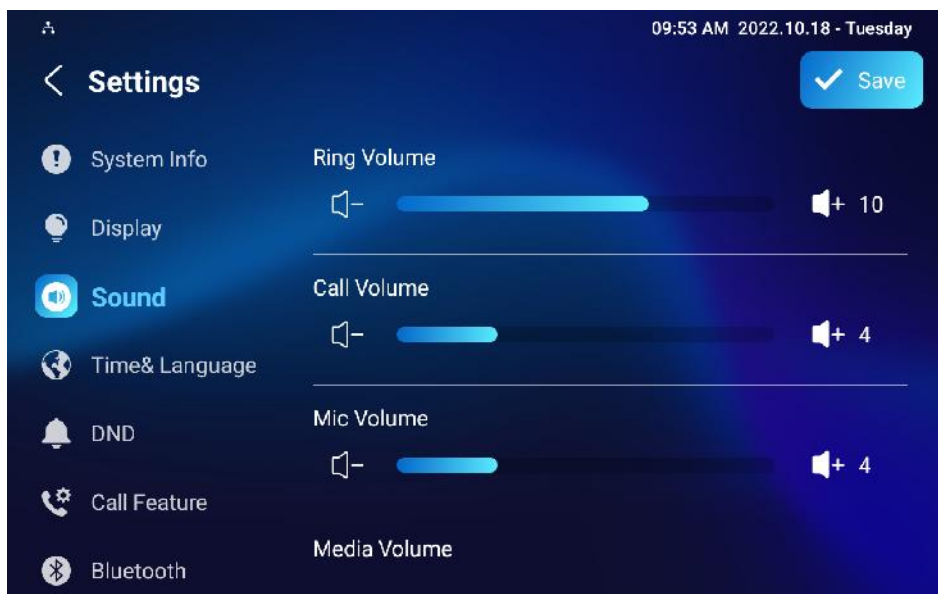
9. Sound and Volume Configuration

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**.

Volume Control ⓘ

Ring Volume	<input type="text" value="10"/>	(0-15) ⓘ
Call Volume	<input type="text" value="10"/>	(1-15) ⓘ
Mic Volume	<input type="text" value="1"/>	(1-15) ⓘ
Media Volume	<input type="text" value="10"/>	(0-15) ⓘ

Touch Sound ⓘ

Touch Sound Enabled ⓘ

Doorbell Sound Upload ⓘ

Doorbell Sound Upload ⓘ

Doorbell Sound ⓘ

Alarm Ringtone Upload ⓘ

Alarm Ringtone Upload ⓘ

Alarm Ringtone ⓘ

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.

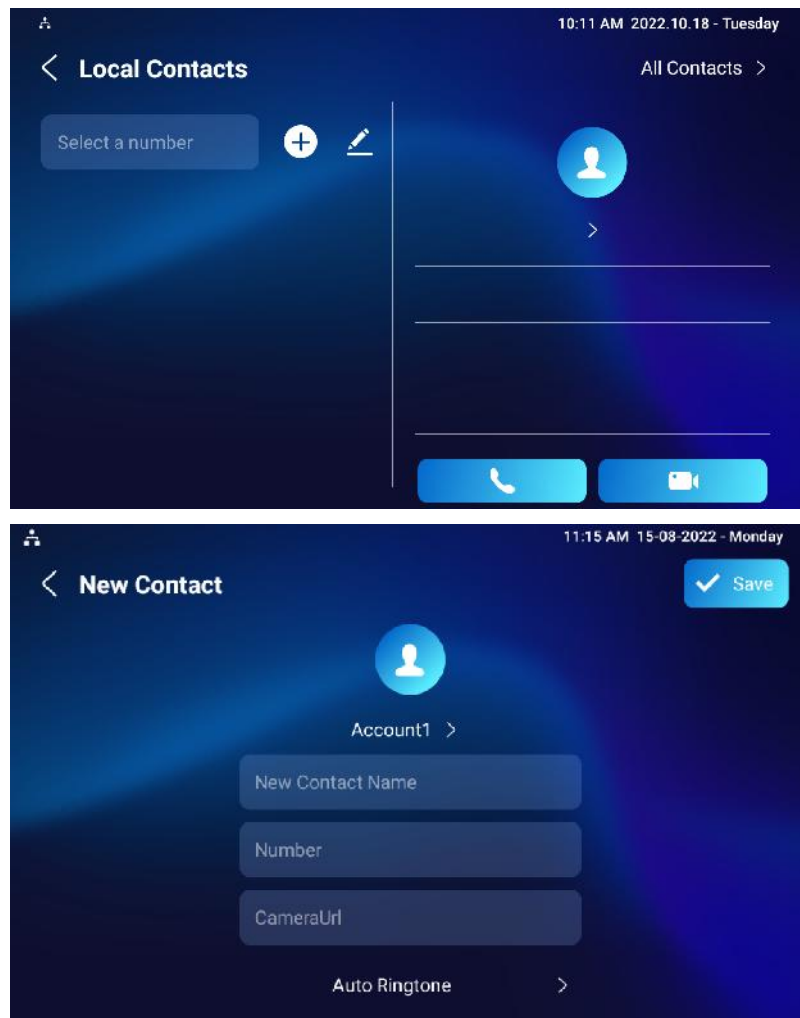
The indoor monitors provide you with various types of ringtone and volume configurations ranging from Ring volume, Call volume, Mic volume, Media volume, Touch Sound, and notification sound. You can configure them on the device directly or on the web interface.

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:

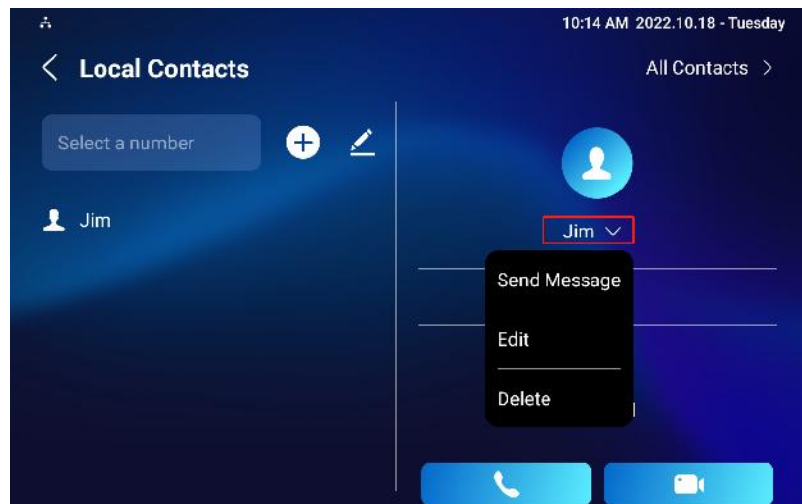
- **Account1**: select which account to use to dial out, Account 1 or Account 2.
- **New Contact Name**: enter the name to save.
- **Number**: enter the IP or SIP number to save.
- **CameraUrl**: enter the RTSP URL for video preview.
- **Auto Ringtone**: select the phone ringtone for incoming calls.

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.

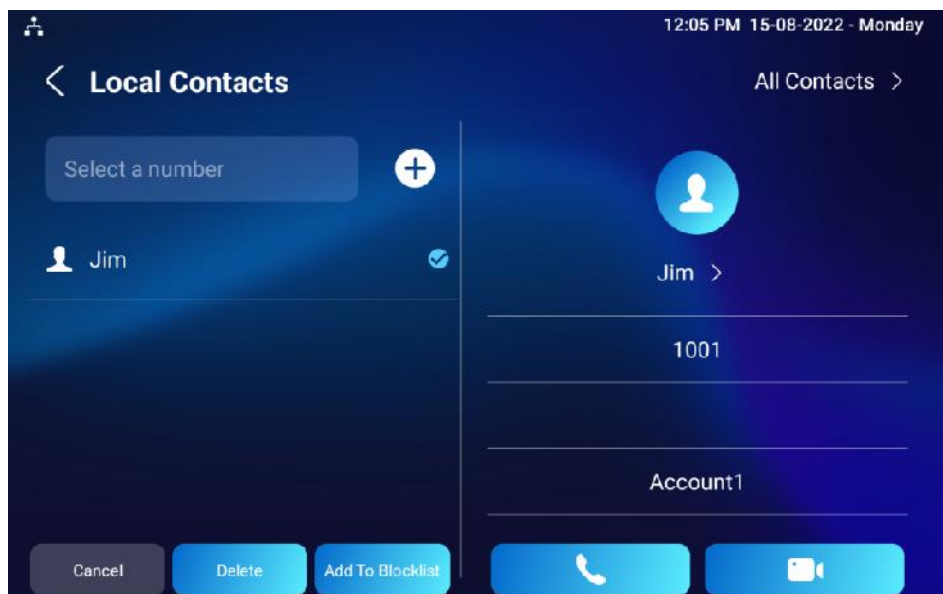
10.1.2. Edit Contact

You can check and edit the existed 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**.

Local Contacts List ⓘ

Contacts List: All Contacts ⓘ

Search:

ⓘ

<input type="checkbox"/>	Index	Name	Number	Account	Ringtone	Edit
<input type="checkbox"/>	1	Jim	1001	Account1	Auto Ringtone	<input type="button" value="Edit"/>
<input type="checkbox"/>	2	Lyari	1002	Account1	Auto Ringtone	<input type="button" value="Edit"/>
<input type="checkbox"/>	3	Shirley	1003	Account1	Auto Ringtone	<input type="button" value="Edit"/>

1/1

Move To:
All Contacts

Add Contact ⓘ

Name: ⓘ

Number: ⓘ

Group: Default ⓘ

Dial Account: Account1 ⓘ

Ringtone: Auto Ringtone ⓘ

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 name or contact number.
- **Name:** enter the contact name.
- **Number:** enter the SIP or IP number of the contact.

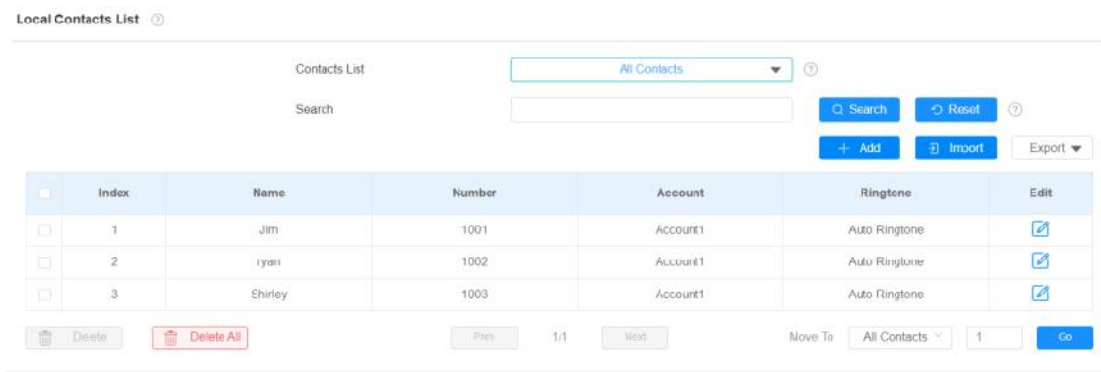
- **Group:** select **Default** for the local contact group. Select **Blocklist** if you want to put the contact in the blocklist.
- **Dial Account:** select the account you want to call the contact from.
- **Ringtone:** select the ringtone for the incoming call from the contact.

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.

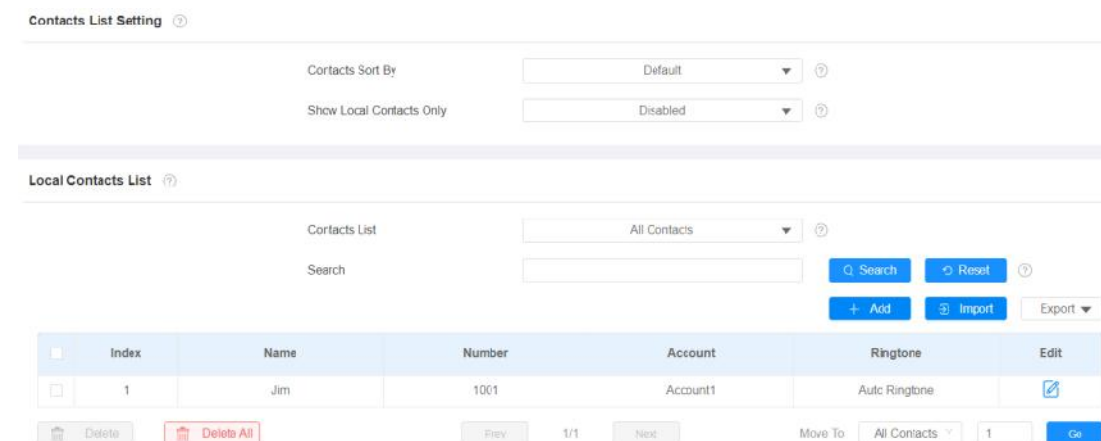
10.2.2. Import and Export Contact

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 Contacts Only:** 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.

Dial Number ?

192.168.2.19 Auto ▼ **Dial** Hang Up ?

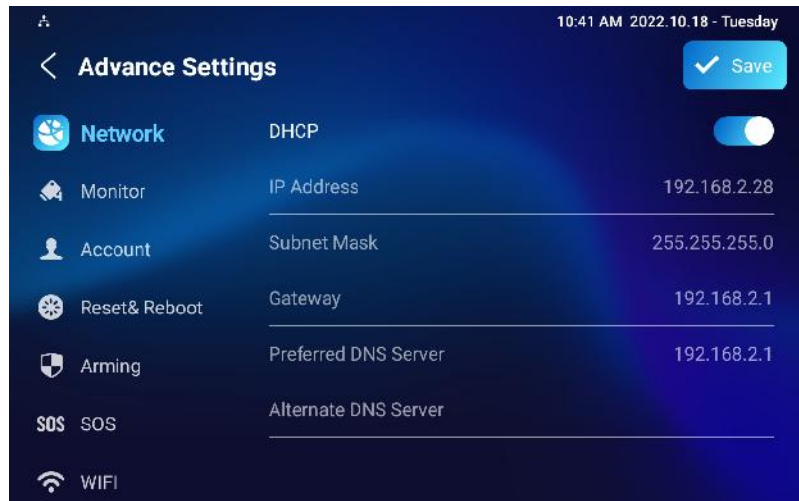
11. Network Setting & Other Connection

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.

Network Information 

Network Type	LAN
LAN Port Type	DHCP Auto
Link Status	Connected
IP Address	192.168.2.47
Subnet Mask	255.255.255.0
GateWay	192.168.2.1
Preferred DNS	192.168.2.1
Alternate DNS	
Primary NTP	0 pool.ntp.org
Secondary NTP	1 pool.ntp.org

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

LAN Port 

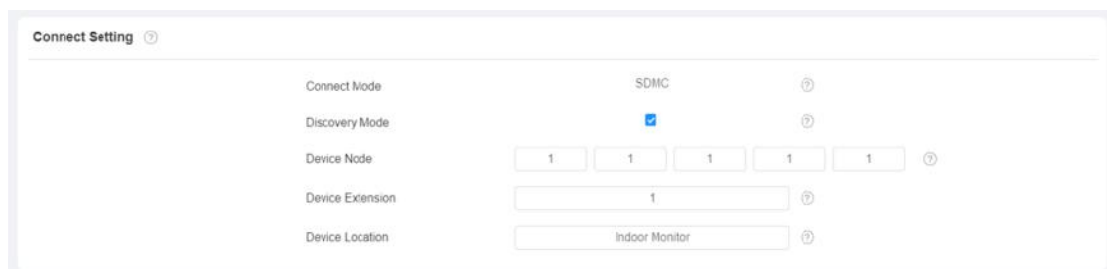
Type	<input type="radio"/> DHCP <input checked="" type="radio"/> Static IP 
IP Address	<input type="text" value="192.168.2.9"/> 
Subnet Mask	<input type="text" value="255.255.255.0"/> 
Default Gateway	<input type="text" value="192.168.2.1"/> 
Preferred DNS Server	<input type="text" value="192.168.2.1"/> 
Alternate DNS Server	<input type="text"/> 

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**.

NAT ⓘ

NAT ⓘ

Stun Server Address ⓘ

Port ⓘ (1024~65535)

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.

NAT ⓘ

RPort Enabled ⓘ

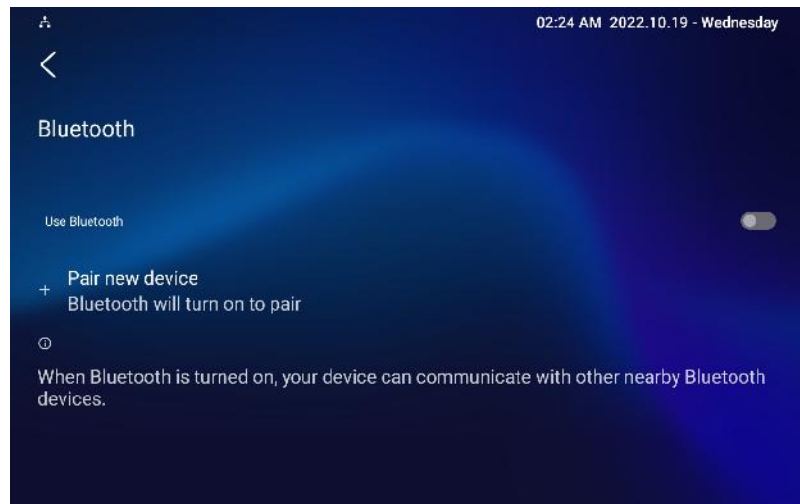
Parameter Set-up:

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

11.4. Device Bluetooth Setting

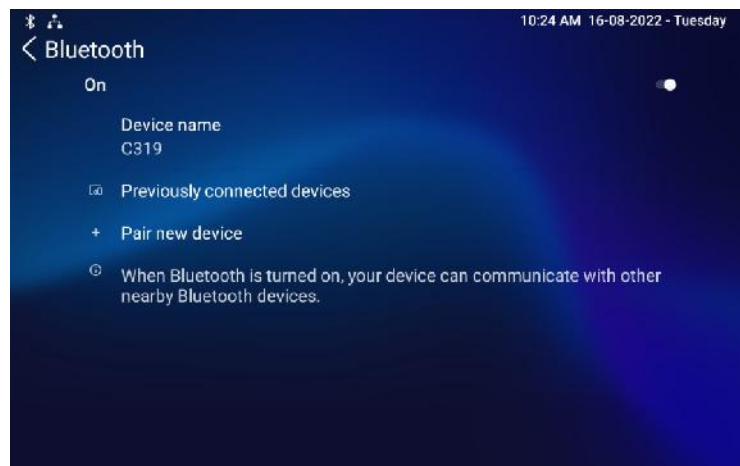
11.4.1. Device Bluetooth Pairing

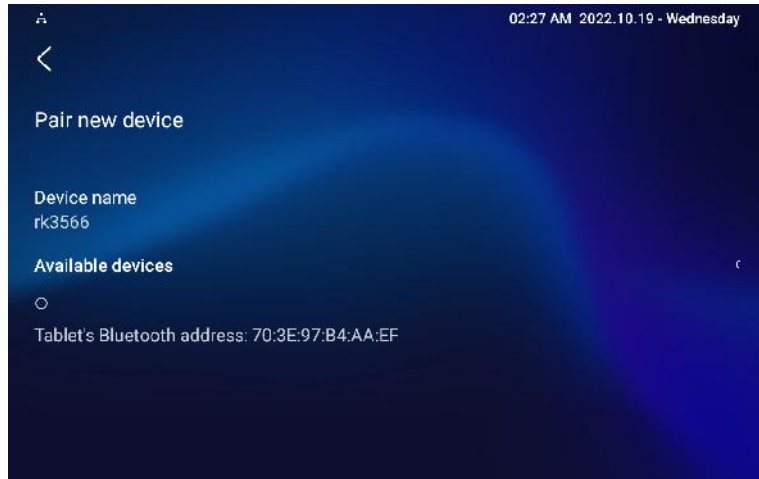
You need to enable the Bluetooth feature on the device before you can pair the indoor monitor with other Bluetooth-featured devices. You can go to **Settings > Bluetooth** screen.



11.4.2. Device Bluetooth Data Transmission

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



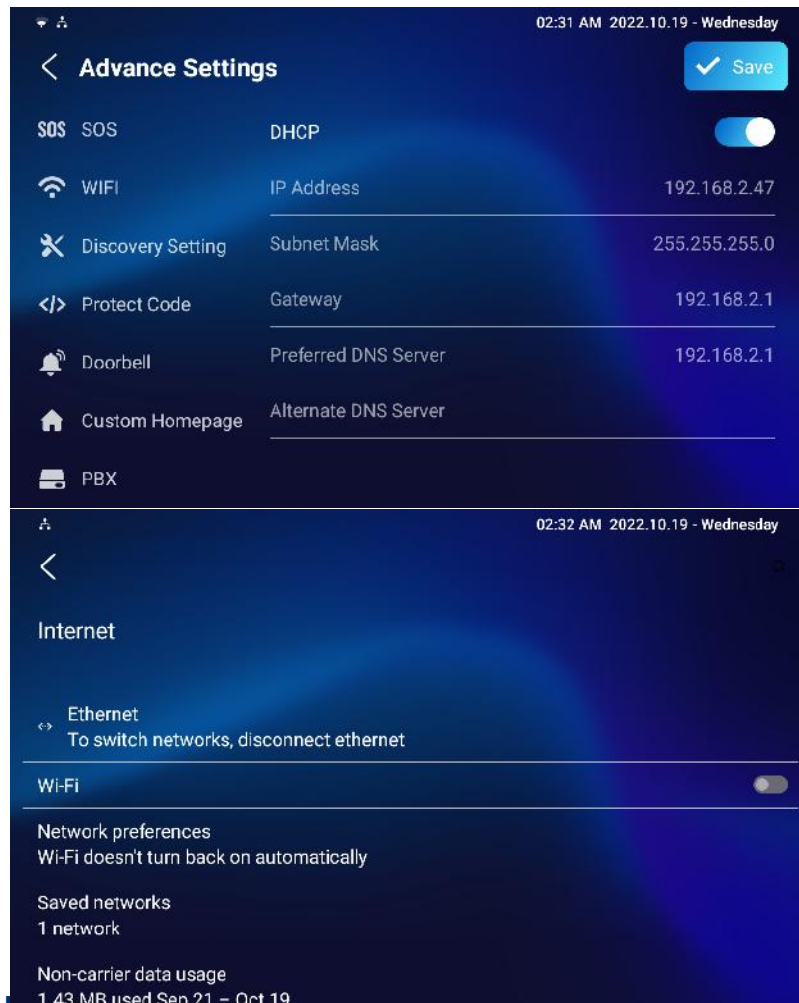


Note

- 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.



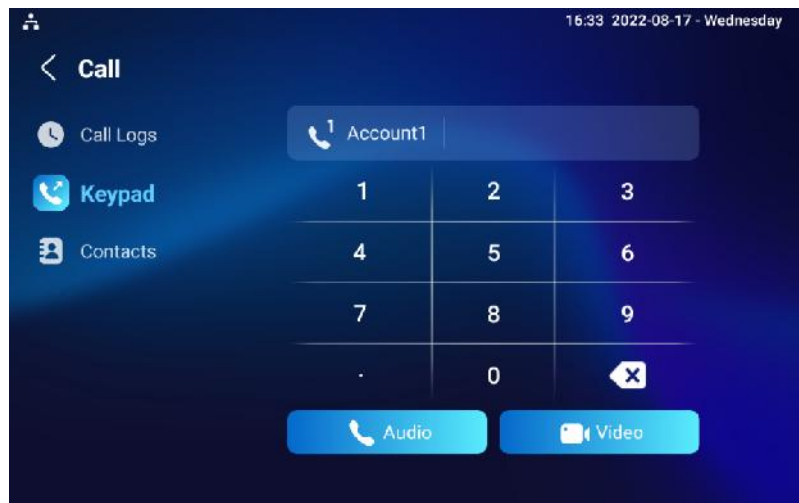
12. Intercom Call Configuration

12.1. IP call & IP Call Configuration

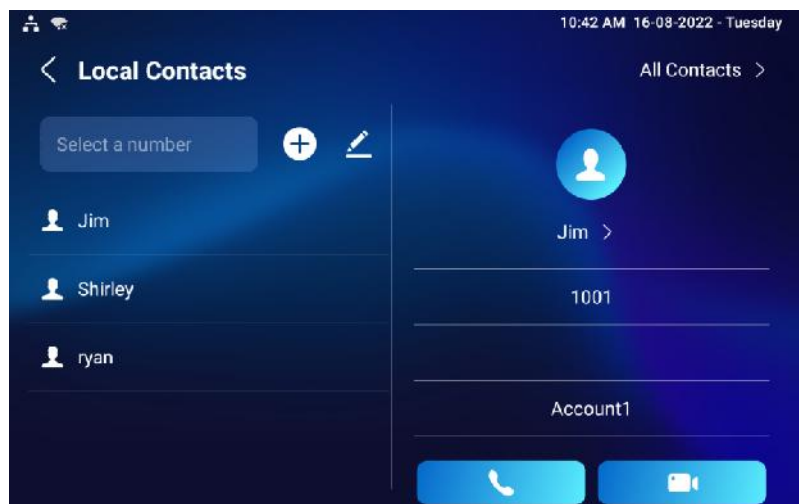
IP calls and SIP calls can be made directly on the intercom device by entering the IP number on the device. And you can also disable the direct IP call if you allow no IP call to be made on the device.

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.

Others ⓘ

Return Code When Refuse	<input type="text" value="486(Busy Here)"/>	ⓘ
Auto Answer Delay	<input type="text" value="0"/>	(0-30Sec) ⓘ
Answer Mode	<input type="text" value="Video"/>	ⓘ
Answer Tone	<input type="text" value="Enabled"/>	ⓘ
Busy Tone	<input checked="" type="checkbox"/>	ⓘ
Indoor Auto Answer	<input type="checkbox"/>	ⓘ
Direct IP Call	<input checked="" type="checkbox"/>	ⓘ
Direct IP Call Port	<input type="text" value="5060"/>	(1-65535) ⓘ

Parameter Set-up:

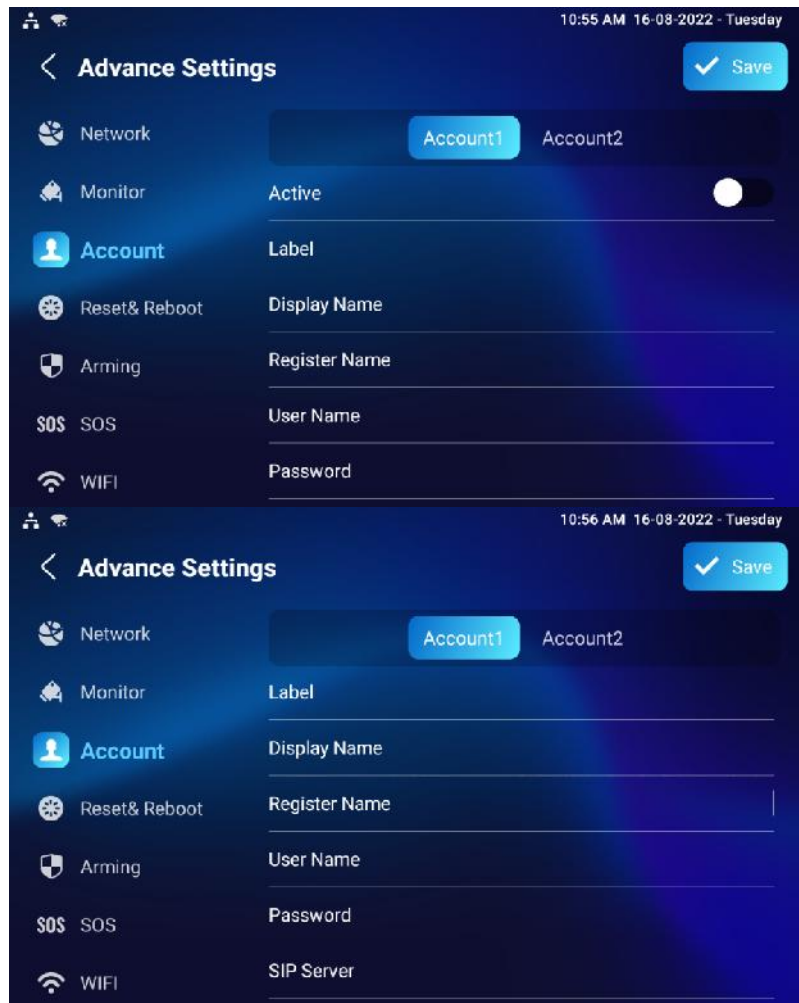
- **Direct IP Call:** tick the check box to enable the direct IP call. For example, if you do not allow direct IP calls to be made on the device, you can untick the check box to terminate the function.
- **Direct IP Call Port:** the direct IP Call Port is **5060** by default with the port range from **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.

SIP Account ⓘ

Status	Disabled ⓘ
Account	Account1 ⓘ
Account Enabled	<input type="checkbox"/> ⓘ
Display Label	<input type="text"/> ⓘ
Display Name	<input type="text"/> ⓘ
Register Name	<input type="text"/> ⓘ
Username	<input type="text"/> ⓘ
Password	<input type="password" value="*****"/> ⓘ

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.

SIP Server ⓘ

Server Address	<input type="text"/> ⓘ
Sip Server Port	5060 ⓘ (1024-65535)
Registration Period	1800 ⓘ (30-65535 Sec)

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

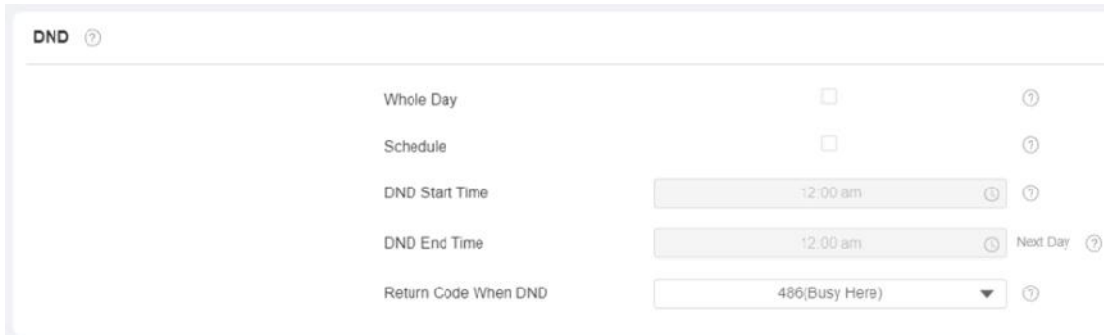
An outbound proxy server is used to receive all initiating request messages and route them to the designated SIP server to establish call sessions via port-based data transmission. To configure the outbound proxy server on **Account > Basic > Outbound Proxy Server** interface.

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

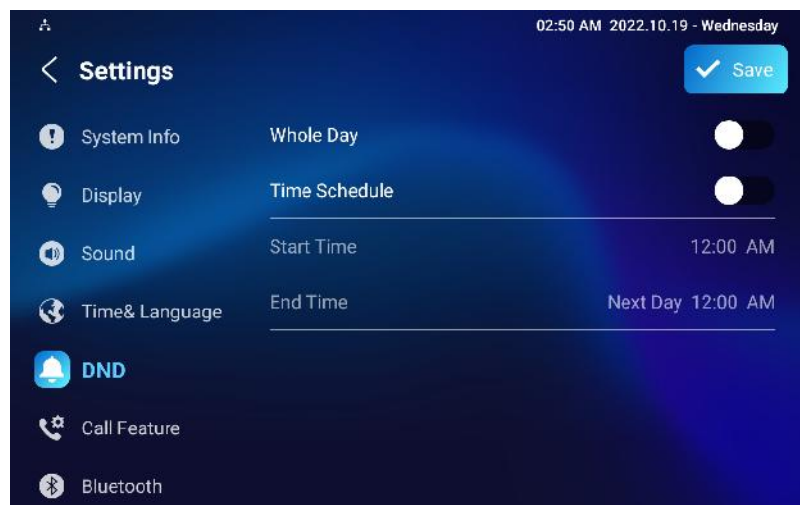
DND (**Do not disturb**) setting allows you not to be disturbed by any unwanted incoming SIP calls. You can set up DND related parameters properly on the device web **Device > Call Feature > DND** interface to block SIP calls you do not intend to answer. In the meantime, you can also define the code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

Local RTP	
Starting RTP Port	<input type="text" value="11800"/> (1024-65535)
Max RTP Port	<input type="text" value="12000"/> (1024-65535)

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.

The screenshot shows a web interface for configuring the transport type. A dropdown menu is open, displaying the following options: UDP, TCP, TLS, and DNS-SRV. The 'UDP' option is currently selected and highlighted in blue. The interface includes a label 'Transport Type' and a 'Type' field.

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.

The screenshot shows two configuration panels. The top panel, titled 'Call', includes fields for 'Max Local SIP Port' (5032), 'Min Local SIP Port' (5032), 'PTime(ms)' (20), 'Auto Answer' (checked), and 'Prevent SIP Hacking' (unchecked). The bottom panel, titled 'Others', includes 'Return Code When Refuse' (486(Busy Here)), 'Auto Answer Delay' (0), 'Answer Mode' (Video), 'Busy Tone' (Audio), 'Indoor Auto Answer' (unchecked), 'Direct IP Call' (checked), and 'Direct IP Call Port' (5000). Red boxes highlight the 'Auto Answer' checkbox and the 'Auto Answer Delay' field.

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.

Auto Answer AllowList ?

+ Add Import Export ▾

<input type="checkbox"/>	Index	Device Location	SIP/IP	Edit
<input type="checkbox"/>	1	Gate	101	
<input type="checkbox"/>	2	1 rbbhy	102	
<input type="checkbox"/>	3	Front Door	192.168.3.15	

Delete Delete All Prev 1/1 Next 1 Go

Add Auto Answer AllowList X

Device Location ?

SIP/IP ?

Cancel Submit

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

Select Answer Allowlist File(xml or csv)

Not selected any files **Select File** Reset

Cancel **Import**

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.

Intercom Active



Intercom Mute



Intercom Preview

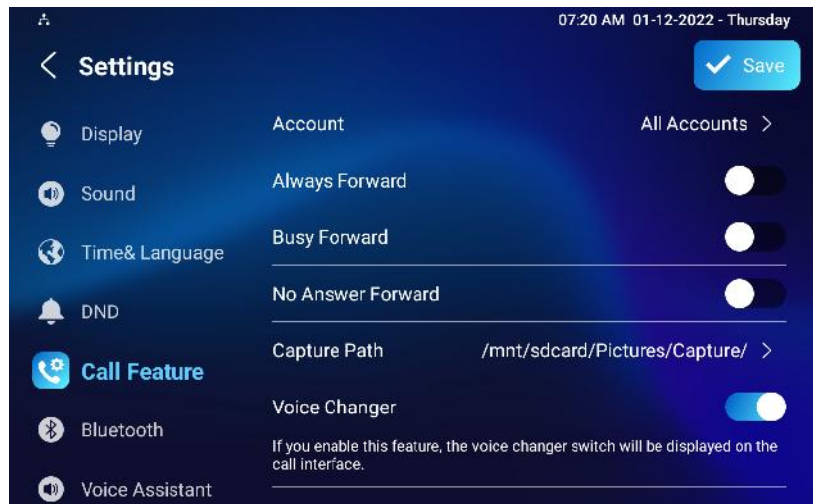


Parameter Set-up:

- **Intercom Active:** tick the check box to enable or disable the intercom function. It is enabled by default.
- **Intercom Mute:** tick the check box to enable mute the voice from the callee side and vice versa.
- **Intercom Preview:** tick the check box to enable the incoming call preview function. If intercom preview is enabled, the group call is not available.

12.11. Voice Changer

Voice changer help ensures users' privacy and home security. For example, users (especially women and children) can protect themselves by changing their voices when talking to a stranger. Path: **Settings > Call Feature**.



12.12. Emergency Call Setting

Emergency call is used to call three emergency contacts when you are in urgent status. Especially for the elders and children. To display Emergency call softkey on web **Device > Display Setting > Home Page Display/More Page Display** interface.

Home Page Display
Example

Area	Type	Value	Label	Icon(max size:50*50)
Area1	Call			Not selected any files Select File Delete
Area2	SOS		SOS	Not selected any files Select File Delete
Area3	DND			
Area4	Monitor			Not selected any files Select File Delete

More Page Display
Example

Area	Type	Value	Label	Icon(max size:50*50)
Area1	Contacts			Not selected any files Select File Delete
Area2	Settings			Not selected any files Select File Delete
Area3	Arming			Not selected any files Select File Delete

After setup on web , you also need to do the configuration on the device or on the device web interface.

To set it up on the device, go to **Settings > Advance Settings > SOS** screen.



Parameter Set-up:

- **Call Number:** to set up 3 SOS numbers. Once users press **SOS key** on the home page (SOS display key shall be set on the web manually), indoor monitors will call out the number in order.
- **Call Timeout:** set up the timeout for each number. Once users call out, if the other side will not answer within the timeout, indoor monitors will continue to call the next number.
- **Loop Times:** set up the call loop times.
- **Account:** select the account from which you want to make SOS calls.

To set it up on the web interface, go to **Device > Intercom > SOS**.

SOS ⓘ

Account	<input type="text" value="Auto"/>	ⓘ
Call Number 1	<input type="text"/>	ⓘ
Call Number 2	<input type="text"/>	ⓘ
Call Number 3	<input type="text"/>	ⓘ
Call Timeout(Sec)	<input type="text" value="60"/>	ⓘ
Loop Times	<input type="text" value="3"/>	ⓘ

12.13. Multicast Configuration

S567 allows you to conduct one-to-many broadcasting via the multicast function on the web **Device > Multicast > Multicast List** interface.

Multicast List

Multicast Group	Multicast Address	Enabled
Multicas: Group 1	224.1.6.11.51231	<input checked="" type="checkbox"/>
Multicas: Group 2		<input type="checkbox"/>
Multicas: Group 3		<input type="checkbox"/>

Listen List

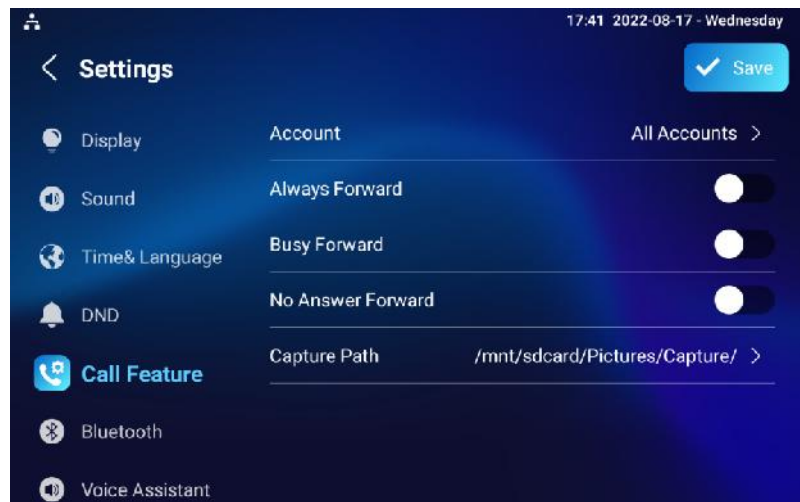
Listen Group	Listen Address	Label
Listen Group 1	224.1.6.11.51230	Test_1
Listen Group 2		
Listen Group 3		

12.14. Call Forwarding Setting

Call Forward is a feature used to redirect an incoming call to a specific third party. Users can redirect the incoming call based on different scenarios. Typically, call forward has three modes: **Always Forward/ No Answer Forward/Busy Forward**.

12.14.1. Call Forwarding Configuration on the Device

To do the configuration on the Device **Device >Call Feature** interface.



Parameter Set-up:

- **Account:** to choose which account shall implement the call forwarding feature.
- **Always Forward:** to enable Always Forward function; all incoming calls will be automatically forwarded to a specific number.
- **Busy Forward:** to enable Busy Forward function; incoming calls will be forwarded to a specific number if the phone is busy.

- **No Answer Forward:** to enable No Answer forward function; incoming calls will be forwarded to a specific number if the phone is not picked up within no answer ring time.
- **Target Number:** to enter the specific forward number if S567 enables always forward / busy forward / no answer forward.
- **Capture Path:** select the storage location for all the captured pictures.

12.14.2. Call Forwarding Configuration on the Web Interface

To set up the forward function on web **Device > Call Feature > Call Forward** interface.

Call Forward ⓘ

Always Forward	<input type="text" value="Disabled"/>	ⓘ
Target Number	<input type="text"/>	ⓘ
Busy Forward	<input type="text" value="Disabled"/>	ⓘ
Target Number	<input type="text"/>	ⓘ
No Answer Forward	<input type="text" value="Disabled"/>	ⓘ
Target Number	<input type="text"/>	ⓘ
No Answer Ring Time (Sec)	<input type="text" value="30"/>	ⓘ

Parameter Set-up:

- **Always Forward:** to enable Always Forward function; all incoming calls will be automatically forwarded to a specific number.
- **Target Number:** enter the specific forward number if S567 enables always forward.
- **Busy Transfer:** to enable Busy Forward function; incoming calls will be forwarded to a specific number if the phone is busy.
- **Target Number:** enter the specific forward number if S567 enables the busy forward.
- **No Answer Forward:** to enable No Answer forwarding function; incoming calls will be forwarded to a specific number if the phone is not picked up within no answer ring time.
- **Target Number:** enter the specific forward number if S567 enables the **No Answer Forward**.
- **No Answer Ring Time (Sec):** set the no answer time ring time interval from 0-120 seconds before the call is transferred to a designated number.

13. Intercom Message Setting

You can read, create, and delete messages on the **Message** screen.

13.1. Manage Messages

You can check, create and clear messages as needed on the S567 indoor monitor **Message** screen. Click **Add** to create a new text message and **Clear** to delete the existing messages.



Parameter Set-up:

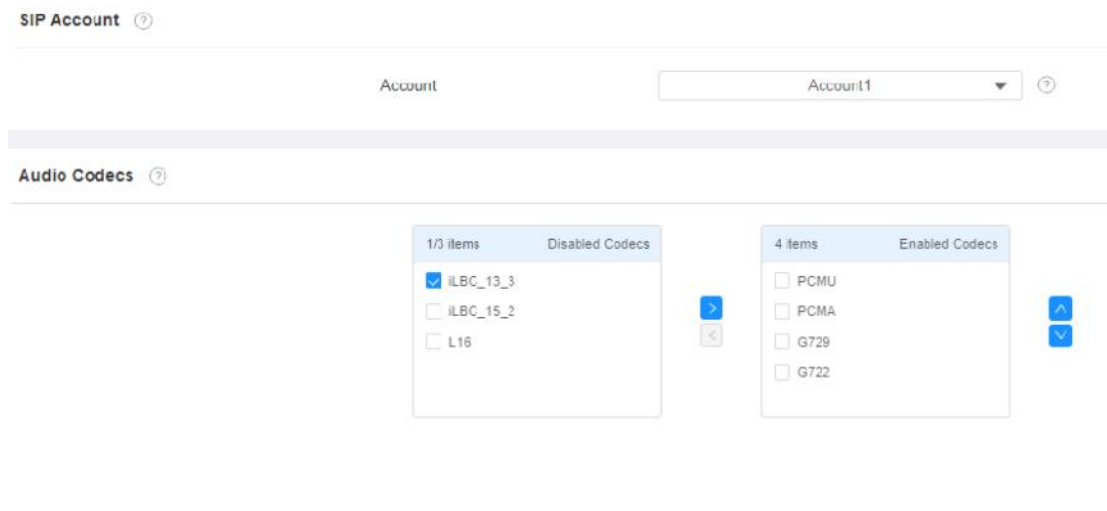
- **Notification:** the message from property manager, this feature is only available when using SDMC or Akuvox SmartPlus.
- **Text MSG:** to send or receive or manage the text message here.
- **Owner MSG:** if you enable this feature, and if nobody answers the incoming call within the pre-configured ring time, the visitor will hear the owner's audio message.
- **Visitor MSG:** if you enable the visitor message feature, and if nobody answers the incoming call within the preset ring time, it will save the visitor record.
- **Family MSG:** you can record audio messages for your family members.

14. Audio & Video Codec Configuration for SIP Calls

14.1. Audio Codec Configuration

Akuvox indoor monitor supports seven types of Codec (iLBC_13_3, iLBC_15_2, L16, PCMU, PCMA, G729, and G722 for encoding and decoding the audio data during the call session. Each type of codec varies in terms of sound quality. You can select the specific codec with different bandwidths and sample rates flexibly according to the actual network environment.

To do the configuration on web **Account > Advanced > SIP Account** interface.



Please refer to the bandwidth consumption and sample rate for the four codec types below:

Codec Type	Bandwidth Consumption	Sample Rate
PCMA	64 kbit/s	8kHz
PCMU	64 kbit/s	8kHz
G729	8 kbit/s	8kHz
G722	64 kbit/s	16kHz
iLBC_13_3	8,16 kbit/s	13.3kHz
iLBC_15_2	8,16 kbit/s	15.2kHz
L16	128 kbit/s	variable

14.2. Video Codec Configuration

S567 series supports VP8, H263, H264, and H265 codec that provides a better video quality at a much lower bit rate with different video quality and payload. To do the configuration on web **Account > Advanced > Video Codecs** interface. Choose an available video codec and set up the codec parameters.

Video Codecs ?

2 items Disabled Codecs

H265

VP8

>
<

2 items Enabled Codecs

H264

H263

↑
↓

Video Codec ?

Name	H263	?
Resolution	CIF	?
Bitrate	320	?
Payload	34	?
Name	H264	?
Resolution	CIF	?
Bitrate	320	?
Payload	104	?
Name	VP8	?
Resolution	CIF	?
Bitrate	320	?
Payload	96	?

Parameter Set-up:

- **Name:** check to select the H264 video codec format for the door phone video stream. H264 is the video codec by default.
- **Resolution:** select the code resolution for the video quality among four options: **QCIF, CIF, VGA, 4CIF, and 720P** according to your actual network environment. The default code resolution is 4CIF.
- **Bitrate:** select the video stream bit rate (ranging from 320-2048). The greater the bitrate, the data transmitted every second is greater in amount therefore the video will be clearer. While the default code bitrate is 2048.

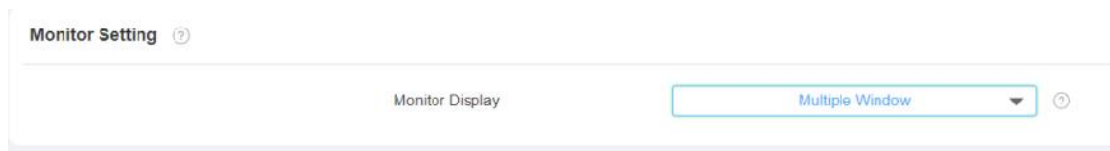
- **Payload:** select the payload type (ranging from 90-118) to configure audio/video configuration file. The default payload is 104.

15. Security

15.1. Monitor and Image

15.1.1. Monitor Setting

You can configure the monitor setting on the web **Device > Monitor** interface. Enter the IP/SIP number of the door phone in the device number and fill in the device name. Then set up the RTSP address. The RTSP format of the Akuvox door phone is rtsp://deviceIP/live/ch00_0. Enable or disable display in the call. If enabled, when there is an incoming call from the monitor, the video will be displayed.



Parameter Set-up:

- **Monitor Display:** select **Multiple Window** if you want to display four video monitoring channels on the screen. Select **Single** if you want to display only one video monitoring channel.

Note

- You can import and export the monitored device setting via a template in .xml format.



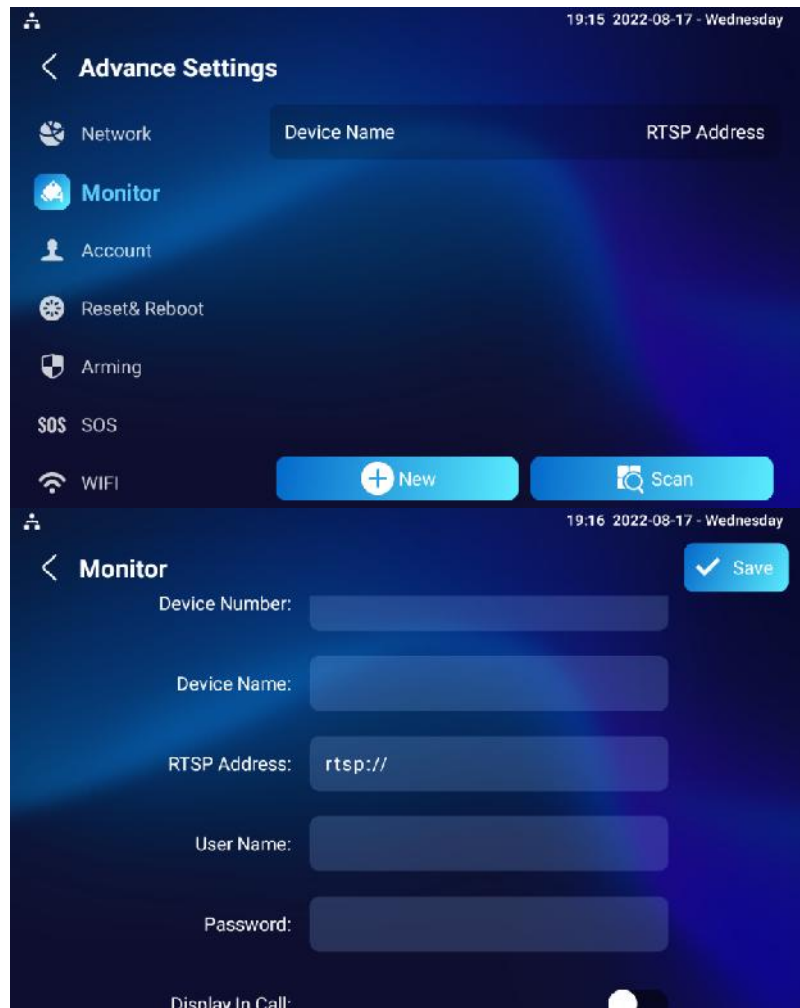
Add Monitor X

Device Number	<input type="text" value="157"/>	?
Device Name	<input type="text" value="R29"/>	?
RTSP Address	<input type="text" value="rtsp:// 192.168.13.157/live/ch00_0"/>	?
Username	<input type="text" value="admin"/>	?
Password	<input type="password" value="*****"/>	?
Display In Call	<input type="text" value="Disabled"/>	?

Parameter Set-up:

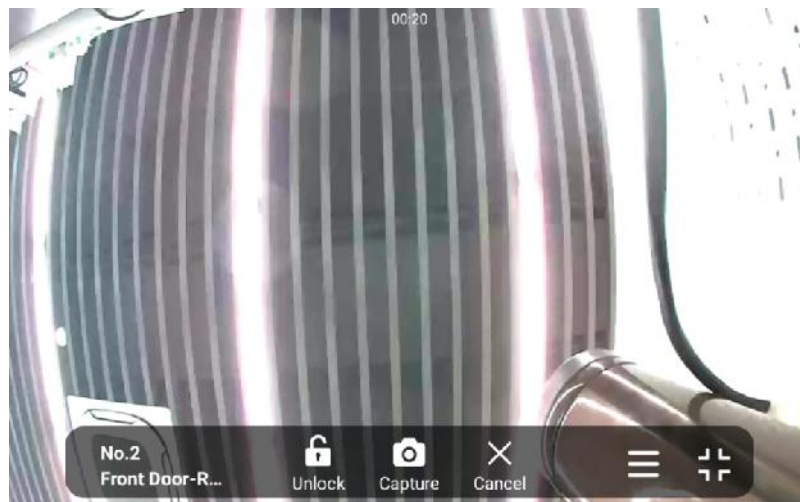
- **Device Number:** type in the monitored device number for identification
- **Device Name:** type in the device name for identification.
- **RTSP Address:** type in the RTSP address of the monitored device. RSTP format: **Device IP address/live/ch00_0**.
- **Username:** type in the username of the monitored device for monitoring authentication.
- **Password:** type in the password of the monitored device for the monitoring authentication.
- **Display In Call:** enable it if you want to display the monitoring video when you are in the call.

You can also set it up on the device:



15.1.2. Video Image Capturing

To capture video image by pressing **Monitor > Capture** on the device screen.



15.1.3. RTSP Authentication

You can set the RTSP authentication to allow the indoor monitor to be monitored via RTSP audio stream. For example, you can apply this feature in the baby's room where babies can be monitored on an audio basis for safety.

To set it up, go to **Setting > Basic > RTSP Setting**.

RTSP Setting ⓘ

RTSP Audio Enable	<input type="text" value="Disabled"/>	ⓘ
Authorization Type	<input type="text" value="Basic"/>	ⓘ
User Name	<input type="text" value="admin"/>	ⓘ
Password	<input type="text" value="****"/>	ⓘ

Parameter Set-up:

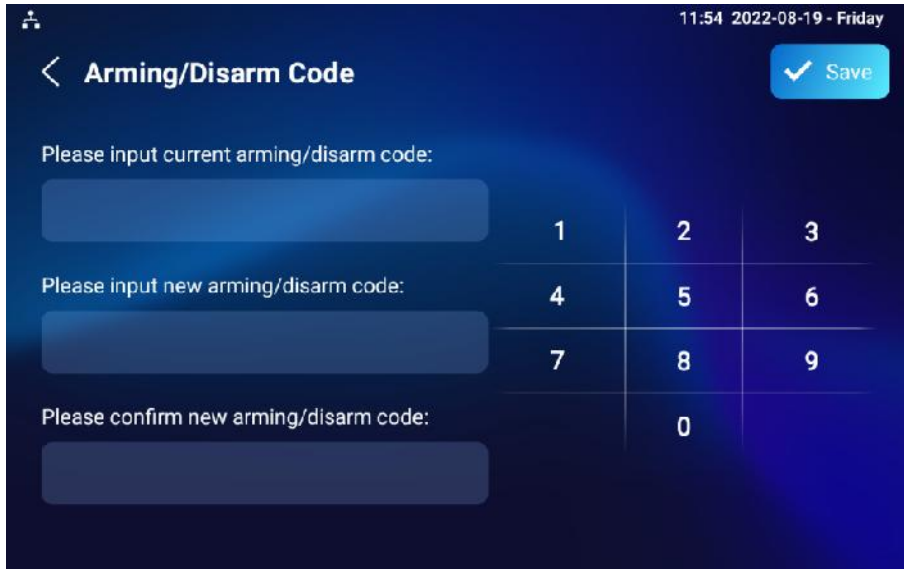
- **RTSP Audio Enable:** enable it if you want to monitor the device via RTSP audio stream.
- **Authorization Type:** select the authorization type (**Basic, Digest**). Select **None** if you allow all types of authorization types for the RTSP audio stream.
- **User Name:** type in the username used for the authentication.
- **Password:** type in the username used for the authentication.

15.2. Alarm and Arming Configuration

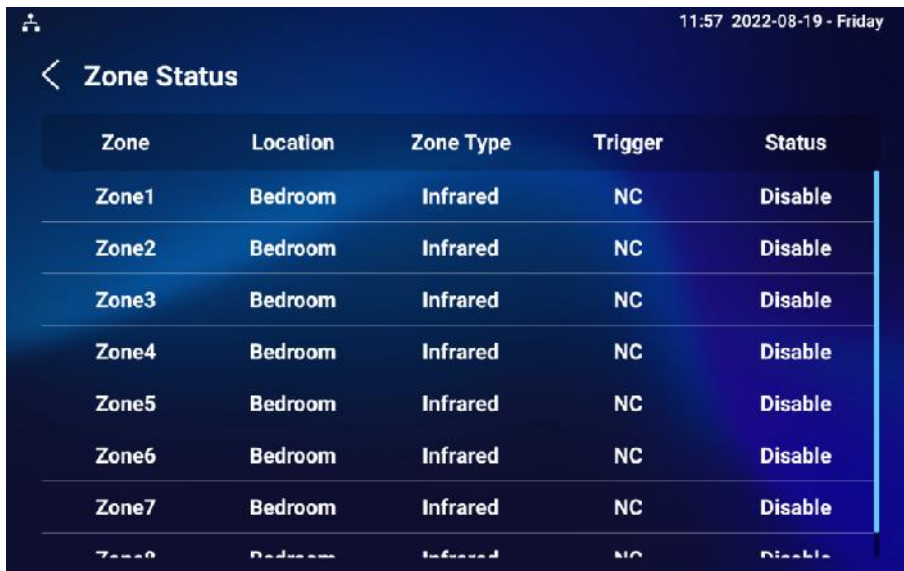
The alarm feature is used to connect some alarm detection devices to protect your home security. Akuvox indoor monitors support 8 alarm connectors which means you can connect 8 different alarm sensors in different rooms of your house. For example, by connecting a smoker sensor in your kitchen. If it detects a gas leak, the indoor monitor will ring up and send the alarm message to the target, like community property.

15.2.1. Configure Alarm and Arming on the Device

To configure the arming and disarm code on the device **Arming > Arming/Disarm Code** screen. Change the current password and save it.

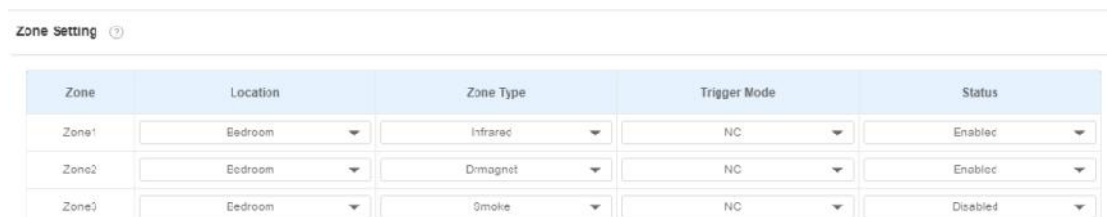


To check the zone status on **Arming > Zone Status** screen.



15.2.2. Configure Alarm and Arming on the Web Interface

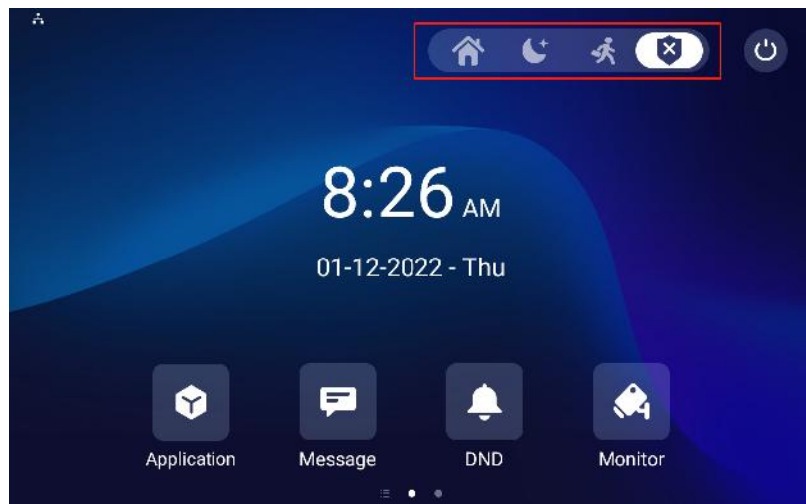
To set up a location-based alarm sensor on the device web **Arming> Zone Setting > Zone Setting** interface.



Parameter Set-up:

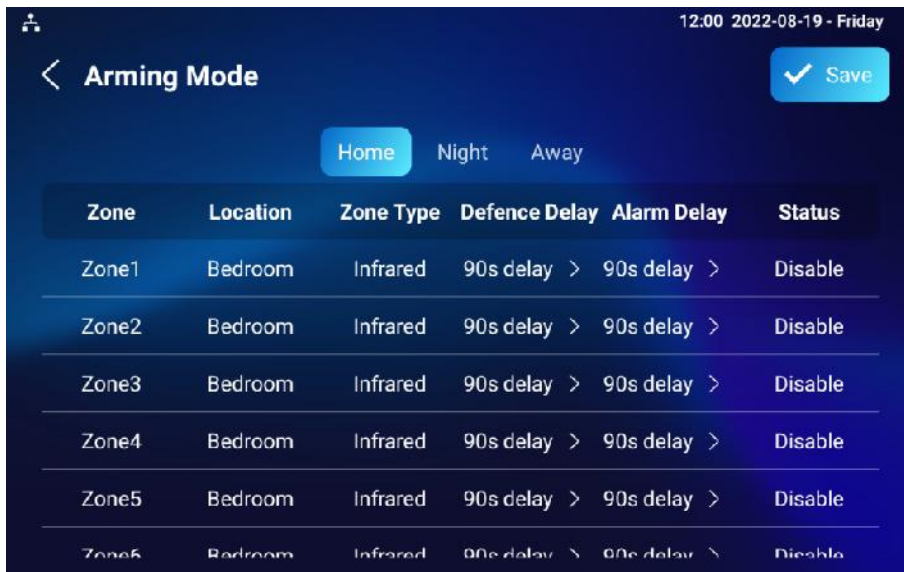
- **Location:** set up the location according to where the alarm sensor is installed. You can select among ten location types: **Bedroom, Gate, Door, Guest room, Hall, Window, Balcony, Kitchen, Study, and Bathroom.**
- **Zone Type:** set up the alarm sensor types. You can select among five sensor types: **Infrared, Drmagnet, Smoke, Gas, and Urgency.**
- **Trigger Mode:** set sensor trigger mode between **NC** and **NO** according to your need.
- **Status:** set the alarm sensor status among three options: **Enable, Disable, and 24H.** Select **Enable** if you want to enable to the alarm, however, you are required to set the alarm again after an alarm is disarmed. Select **Disable** if you want to disable the alarm, and select **24H** if you want the alarm sensor to stay enabled for 24 hours without needing to set up the alarm manually again after the alarm is disarmed.

If any of the zones are enabled or set to **24 hours**, the alarm-related icons will be displayed on the home screen for quick access. If all the zones are disabled, all the icons will be displayed.



15.2.3. Configure Location-based Alarm

Configure the alarm sensor in the same way you do on the web interface.

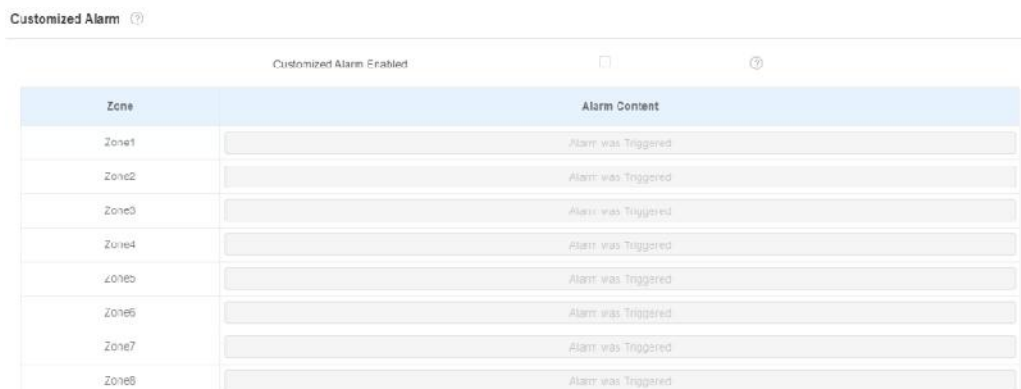


Parameters Set-up:

- **Location:** to select which location the detection device is in, including Bedroom, Guest room, Hall, Window, Balcony, Kitchen, Study, and Bathroom.
- **Zone type:** to select which type of detection device, including **Infrared, Drmagnet, Smoke, Gas, and Urgency.**
- **Defence delay:** it means when users change the arming mode from other modes, there will be 90 seconds delay time to get activated.
- **Alarm delay:** it means when the sensor is triggered, there will be 90 seconds delay time to announce the notification.
- **Status:** to enable or disable Arming Mode on the corresponding Zone.

15.2.4. Configure Alarm Text

After the alarm sensor is set up, you are allowed to customize your alarm text shown on the screen when an alarm is triggered on web **Arming> Zone Setting > Zone Setting** interface. Enter the alarm text for the alarm at each location according to your need.

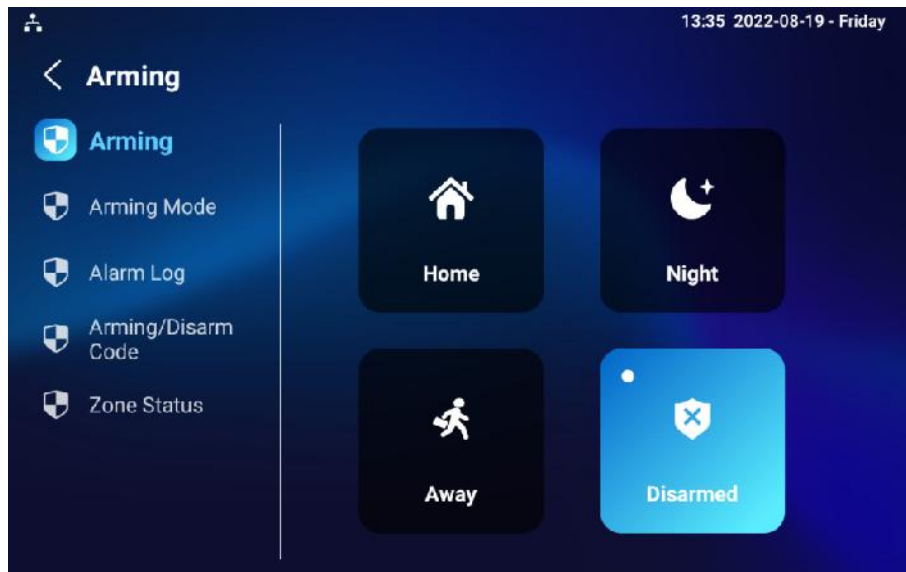


Parameter Set-up:

- **Customized Alarm Enable:** enable the feature before you can type in the customized alarm text.
- **Alarm Context:** type in the alarm text in the specific arming zone. The alarm text will be displayed when an arming is triggered.

15.2.5. Configure Arming Mode

To switch arming mode, disarm the alarm on **Arming** screen by pressing their respective icons. Press **Disarm** icon if you want to clear the Arming Mode.



15.2.6. Configure Alarm Ringtone

You can upload customized alarm ringtone by choosing the local audio file on web **Device > Audio > Alarm Ringtone Upload** interface.



Note

- The file format of customized ringtone should be .wav.

15.2.7. Alarm Action Configuration

The triggering of the alarm sensor can be accompanied by the actions you configured in the forms of HTTP command, SIP Message, Call, Local Relay for different security purposes.

15.2.7.1. Select Alarm Action Types

To select and set up actions on web **Arming > Alarm Action > Alarm Action** interface.

HTTP Command Setting ⓘ

Zone	Http Command	Send Http
Zone1	http://	Disabled
Zone2	http://	Disabled
Zone3	http://	Disabled
Zone4	http://	Disabled
Zone5	http://	Disabled
Zone6	http://	Disabled
Zone7	http://	Disabled
Zone8	http://	Disabled

Receiver Of SIP Setting ⓘ

SIP Account

Zone	SIP Message	Send Sip Message
Zone1		Disabled
Zone2		Disabled
Zone3		Disabled
Zone4		Disabled
Zone5		Disabled
Zone6		Disabled
Zone7		Disabled
Zone8		Disabled

Call Setting ⓘ

Call Number

Zone	Make Call Enable	Alarm Siren
Zone1	Disabled	Enabled
Zone2	Disabled	Enabled
Zone3	Disabled	Enabled
Zone4	Disabled	Enabled
Zone5	Disabled	Enabled
Zone6	Disabled	Enabled
Zone7	Disabled	Enabled

15.2.7.2. Configure Alarm Action via HTTP Command

To set up the HTTP Command action, you can click **Enable** in the **Send HTTP** field to enable the actions for the alarm sensor installed in different locations. Then enter the HTTP command provided by the manufacturer of the device on which the action is to be carried.

HTTP Command Setting

Zone	Http Command	Send Http
Zone1	http://	Disabled
Zone2	http://	Disabled
Zone3	http://	Disabled
Zone4	http://	Disabled
Zone5	http://	Disabled
Zone6	http://	Disabled
Zone7	http://	Disabled
Zone8	http://	Disabled

Parameter Set-up:

- **Send HTTP:** enable it if you want the action to be implemented on a designated third-party device.
- **HTTP Command:** enter the HTTP command provided by third-party device manufacturer.

15.2.7.3. Configure Alarm Action via SIP Message

To set up the SIP message action receiver on the same web interface. Enter the SIP account to which you want to send the configured SIP message as an action when the alarm is triggered.

Receiver Of SIP Setting

SIP Account:

Zone	SIP Message	Send Sip Message
Zone1		Disabled
Zone2		Disabled
Zone3		Disabled
Zone4		Disabled
Zone5		Disabled
Zone6		Disabled
Zone7		Disabled
Zone8		Disabled

Parameter Set-up:

- **Send SIP Message:** enable it before you can send the customized messages to a designated SIP number or an IP number when the alarm is triggered.
- **SIP message:** type in the message you want to send to the designated SIP number or IP number when the alarm is triggered.

15.2.7.4. Configure Alarm Action via SIP Call

To set up the call action, you can enter the SIP or IP number of the device to be called as an action, then enable **Alarm Siren** for the arming zone as needed.

Call Setting ⓘ

Call Number

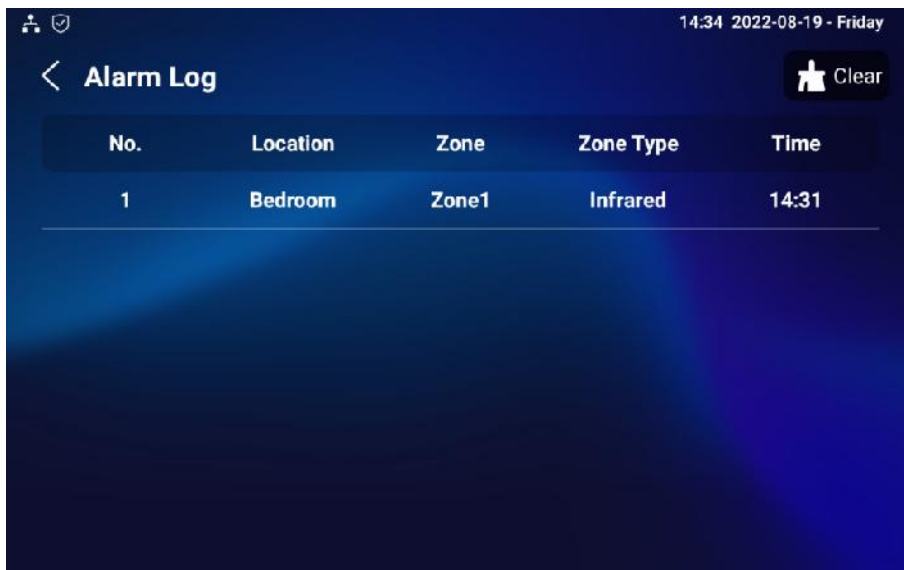
Zone	Make Call Enable	Alarm Siren
Zone1	Disabled	Enabled
Zone2	Disabled	Enabled
Zone3	Disabled	Enabled
Zone4	Disabled	Enabled
Zone5	Disabled	Enabled
Zone6	Disabled	Enabled
Zone7	Disabled	Enabled
Zone8	Disabled	Enabled

Parameter Set-up:

- **Call Number:** type in the SIP number or IP number to receive the calls when the alarm is triggered.
- **Make Call Enable:** enable it so that a call will go to the designated SIP or IP number when alarm is triggered.
- **Alarm Siren:** enable it if you want to trigger alarm siren on the indoor monitor when the alarm is triggered.

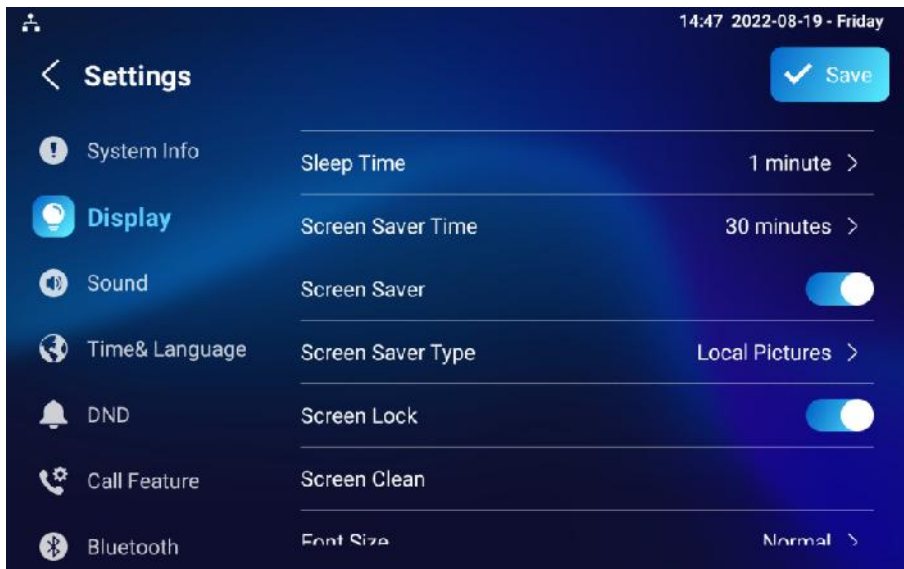
15.2.8. Check Alarm Log

To check alarm log on device **Settings > Arming Log** screen.



15.3. Screen Unlock Setting

You can enable the screen lock function directly on the device **Settings > Display** screen. The device screen will be locked over sleep time. You are required to wake up the device through face recognition (Face ID) or password.



15.3.1. Screen Unlock by PIN code

You can unlock the device screen by entering the preset PIN code when the screen is locked.

Note

- The default unlock PIN is 123456.

15.4. Voice Encryption

The encryption function provides you with greater security for the intercom call. The indoor monitor supports three modes of voice encryption: SRTP(Compulsory), SRTP(Optional), and ZRTP(Optional) on the web **Account > Advanced > Encryption** interface.



Parameter Set-up:

- **Voice Encryption:** select encryption mode from four options. If you select **Disable**, the call will not be encrypted. **SRTP(Compulsory)**, all audio signals (technically speaking it is RTP streams) will be encrypted to improve security. **SRTP(Optional)**, encrypts voice from the called party, if the called party also enables SRTP, the voice signals will also be encrypted. **ZRTP(Optional)** is the protocol that the two parties use to negotiate the SRTP session key.

15.5. Remote Control

Remote control function supports configuring a specific server to send HTTP commands or request to the indoor monitor to do some specific action on the web **Device > Relay > Remote Control** interface.



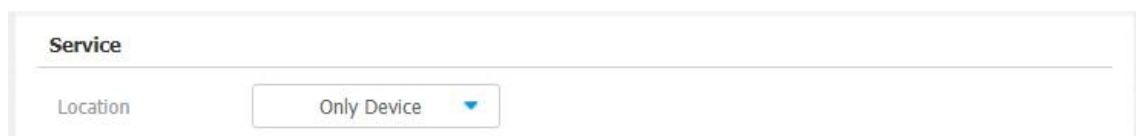
Parameter Set-up:

- **Allowed Access IP List:** set up the server IP address that can be allowed to send the HTTP commands to the indoor monitor.

15.6. Location

You can select the level of protection for the location of the indoor monitor. for example, you can disable the location feature so that no app is allowed to obtain your device location.

To set it up, go to **Security > Advanced > Service**.



Parameter Set-up:

- **Disabled:** select **Disabled** if you do not allow any app to find your device location.
- **Only Device:** the device location can be determined using GPS.
- **High Accuracy:** the device location can be determined via WAN, Bluetooth, or cellular networks.

16. Door Access Control Configuration

16.1. Relay Switch Setting

16.1.1. Local Relay Setting

Local relays in the indoor monitor can be used to trigger relay for the door access and trigger chime bell as needed in different scenarios. You can do this configuration on web **Device > Relay > Relay Setting** interface.

Relay Setting ⓘ

Local Relay1

Relay Delay (Sec)	<input type="text" value="3"/>	ⓘ
Relay Type	<input type="text" value="Open Door"/>	ⓘ
Remote Control	<input type="text" value="Disabled"/>	ⓘ
DTMF	<input type="text"/>	ⓘ

Parameter Set-up:

- **Relay Delay:** set the relay delay time after the relay is triggered.
- **Relay Type:** set relay action type. There are two types of the relay, chime bell and open door. **Chime Bell**, when there is a call, the chime bell will ring. **Open door**, when press the **unlock icon**, the local relay will be opened.
- **Remote Control:** enable it to trigger local relay by DTMF and vice versa.
- **DTMF:** set the DTMF to trigger the local relay when you enable Remote control.

16.1.2. Remote Relay Switch Setting

You can use the unlock tab during the call to open the door on web **Phone > Relay > Relay Setting > Remote Relay** interface. You are required to set up the same DTMF code in the door phone and indoor monitor.

Remote Relay

DTMF1 Code	<input type="text" value="#"/>	ⓘ
DTMF2 Code	<input type="text" value="#"/>	ⓘ
DTMF3 Code	<input type="text" value="#"/>	ⓘ

Parameter Set-up:

- **DTMF Code:** to set the DTMF code for the remote relay, which is # by default.

16.2. Web Relay Setting

In addition to the relay that is connected to the indoor monitor, you can also control the door access using the network-based web relay. To do this configuration on web **Device > Relay > Web Relay** interface.

Web Relay ⓘ

IP Address ⓘ

Username ⓘ

Password ⓘ

Web Relay Action Setting ⓘ

Action ID	IP	SIP	Web Relay Action
Action ID 1	<input type="text"/>	<input type="text"/>	<input type="text"/>
Action ID 2	<input type="text"/>	<input type="text"/>	<input type="text"/>

Parameter Set-up:

- **IP address:** enter the web relay IP address.
- **User Name:** enter the User name provided by the web relay manufacturer.
- **Password:** enter the password provided by the web relay manufacturer. The passwords are authenticated via HTTP and you can define the passwords using **HTTP get** in Action.
- **Web Relay Action:** enter the specific web relay action command provided by the web manufacturer for different actions by the web relay.
- **IP/SIP:** enter the relay extension information, which can be an IP address or SIP account of an intercom device such as an indoor monitor, so that the specific action command will be sent when unlock is performed on the intercom device, while this setting is optional. And please refer to the example below: <http://admin:admin@192.168.1.2/state.xml?relayState=2>.

16.3. Door Unlock Configuration

16.3.1. Door Unlock by DTMF Code

DTMF codes can be configured on the web **Account > Advanced > DTMF** interface where you can set up identical DTMF code on the corresponding intercom devices, which allows residents to enter the DTMF code on the soft

keypad or press DTMF code attached unlock tab on the screen to unlock the door for visitors etc., during a call.

DTMF ⓘ

Type	RFC2833	ⓘ
DTMF Code Transport format	Disabled	ⓘ
Payload	101	(96-127) ⓘ

Parameter Set-up:

- **Type:** select DTMF type among four options: **Inband**, **RFC2833**, **Info+Inband** and **Info+RFC2833** according to your need.
- **DTMF Code Transport Format:** select it only when the third-party device that receives the DTMF code adopts **Info** transport format. **Info** transfer the DTMF code via signaling while other transport format does it via RTP audio packet transmission. You can select the DTMF transferring format according to the third-party device (DTMF, DTMF-Relay, Telephone-Event). For example, select Telephone-Event if the third-party device adopts the telephone-event. Select among four options: **Disable**, **DTMF**, **DTMF-Relay**, **Telephone-Event** according to your need.
- **Payload:** select payload 96-127 for data transmission identification.

Note

- Please refer to the chapter **Relay Switch Setting** for the specific DTMF code setting. Intercom devices involved must be consistent in the DTMF type, otherwise, DTMF code cannot be applied.

16.3.2. Door Unlock via HTTP Command

You can unlock the door remotely without approaching the device physically for the door access by typing in the created the HTTP command (URL) on the web browser to trigger the relay when you are not available by the door for the door access. To do this configuration on web **Intercom > Relay > Open Relay via HTTP** interface.

Open Relay Via HTTP ⓘ

Switch	<input checked="" type="checkbox"/>	ⓘ
Username	<input type="text" value="admin"/>	ⓘ
Password	<input type="password" value="****"/>	ⓘ
Remote Open Relay Via HTTP AllowList	<input checked="" type="checkbox"/>	ⓘ
1st IP	<input type="text"/>	
2st IP	<input type="text"/>	
3st IP	<input type="text"/>	
4st IP	<input type="text"/>	
5st IP	<input type="text"/>	

Parameter Set-up:

- **Switch:** enable it to allow the relay to be triggered remotely using HTTP command.
- **Username:** enter the device username to be used as a part of the HTTP command to trigger the local relay. For example, **admin**.
- **Password:** enter the device password to be used as part of the HTTP command to trigger the local relay. For example, **12345**. Please refer to the following example:
<http://192.168.35.127/fcgi/do?action=OpenDoor&UserName=admin&Password=12345&DoorNum=1>
- **Remote Open Relay Via HTTP Allowlist:** enable it and type in, for example, the IP address of the server that you allows to send the HTTP command to the indoor monitor to trigger the local relay.

Note

- DoorNum in the HTTP command above refers to the relay number #1 to be triggered.

16.4. Relay Switch Setting

16.4.1. Local Relay Setting

Local relays in the indoor monitor can be used to trigger relay for the door access and trigger chime bell as needed in different scenarios. You can do this configuration on web **Device > Relay > Relay Setting** interface.

Relay Setting ⓘ

Local Relay1

Relay Delay (Sec) ⓘ

Relay Type ⓘ

Remote Control ⓘ

DTMF ⓘ

Parameter Set-up:

- **Relay Delay:** set the relay delay time after the relay is triggered.
- **Relay Type:** set relay action type. There are two types of the relay, chime bell and open door. **Chime Bell**, when there is a call, the chime bell will ring. **Open door**, when press the **unlock icon**, the local relay will be opened.
- **Remote Control:** enable it to trigger local relay by DTMF and vice versa.
- **DTMF:** set the DTMF to trigger the local relay when you enable Remote control.

16.4.2. Remote Relay Switch Setting

You can use the unlock tab during the call to open the door on web **Phone > Relay > Relay Setting > Remote Relay** interface. You are required to set up the same DTMF code in the door phone and indoor monitor.

Remote Relay

DTMF1 Code ⓘ

DTMF2 Code ⓘ

DTMF3 Code ⓘ

Parameter Set-up:

- **DTMF Code:** to set the DTMF code for the remote relay, which is # by default.

16.5. Web Relay Setting

In addition to the relay that is connected to the indoor monitor, you can also control the door access using the network-based web relay. To do this configuration on web **Device > Relay > Web Relay** interface.

Web Relay ⓘ

IP Address ⓘ

Username ⓘ

Password ⓘ

Web Relay Action Setting ⓘ

Action ID	IP	SIP	Web Relay Action
Action ID 1	<input type="text"/>	<input type="text"/>	<input type="text"/>
Action ID 2	<input type="text"/>	<input type="text"/>	<input type="text"/>

Parameter Set-up:

- **IP address:** enter the web relay IP address.
- **User Name:** enter the User name provided by the web relay manufacturer.
- **Password:** enter the password provided by the web relay manufacturer. The passwords are authenticated via HTTP and you can define the passwords using **HTTP get** in Action.
- **Web Relay Action:** enter the specific web relay action command provided by the web manufacturer for different actions by the web relay.
- **IP/SIP:** enter the relay extension information, which can be an IP address or SIP account of an intercom device such as an indoor monitor, so that the specific action command will be sent when unlock is performed on the intercom device, while this setting is optional. And please refer to the example below: <http://admin:admin@192.168.1.2/state.xml?relayState=2>.

16.6. Door Unlock Configuration

16.6.1. Door Unlock by DTMF Code

DTMF codes can be configured on the web **Account > Advanced > DTMF** interface where you can set up identical DTMF code on the corresponding intercom devices, which allows residents to enter the DTMF code on the soft keypad or press DTMF code attached unlock tab on the screen to unlock the door for visitors etc., during a call.

DTMF ⓘ

Type ⓘ

DTMF Code Transport format ⓘ

Payload (96-127) ⓘ

Parameter Set-up:

- **Type:** select DTMF type among four options: **Inband**, **RFC2833**, **Info+Inband** and **Info+RFC2833** according to your need.

- **DTMF Code Transport Format:** select it only when the third-party device that receives the DTMF code adopts **Info** transport format. **Info** transfer the DTMF code via signaling while other transport format does it via RTP audio packet transmission. You can select the DTMF transferring format according to the third-party device (DTMF, DTMF-Relay, Telephone-Event). For example, select Telephone-Event if the third-party device adopts the telephone-event. Select among four options: **Disable**, **DTMF**, **DTMF-Relay**, **Telephone-Event** according to your need.
- **Payload:** select payload 96-127 for data transmission identification.

Note

- Please refer to the chapter **Relay Switch Setting** for the specific DTMF code setting. Intercom devices involved must be consistent in the DTMF type, otherwise, DTMF code cannot be applied.

16.6.2. Door Unlock via HTTP Command

You can unlock the door remotely without approaching the device physically for the door access by typing in the created the HTTP command (URL) on the web browser to trigger the relay when you are not available by the door for the door access. To do this configuration on web **Intercom > Relay > Open Relay via HTTP** interface.

Parameter Set-up:

- **Switch:** enable it to allow the relay to be triggered remotely using HTTP command.
- **Username:** enter the device username to be used as a part of the HTTP command to trigger the local relay. For example, **admin**.
- **Password:** enter the device password to be used as part of the HTTP command to trigger the local relay. For example, **12345**. Please refer to the following example:

<http://192.168.35.127/cgi/do?action=OpenDoor&UserName=admin&Password=12345&DoorNum=1>

- **Remote Open Relay Via HTTP Allowlist:** enable it and type in, for example, the IP address of the server that you allow to send the HTTP command to the indoor monitor to trigger the local relay.

Note

- DoorNum in the HTTP command above refers to the relay number #1 to be triggered.

17. Lift Control

You can summon lift at home via the lift control feature.

17.1. Configure Lift Control

To enable and set the display status Lift icon on the device web **Device > Lift> Lift Control** interface.

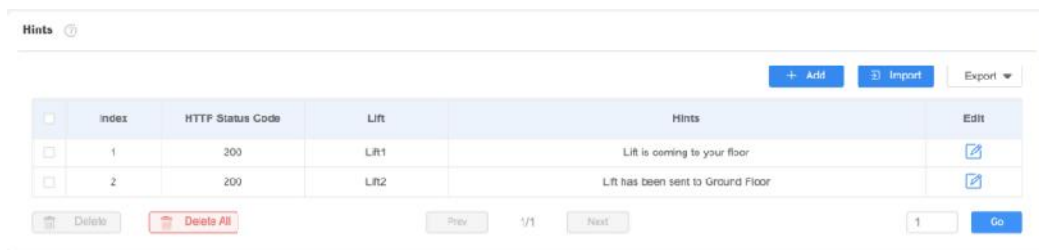


Parameter Set-up:

- **Status:** click to enable or disable the lift button.
- **Icon:** click to select icon for the button.
- **Label:** enter the title for the button.
- **HTTP Command:** select http:// or https:// for head of http command and enter HTTP command.

17.2. Configure Lift Control Prompt

When the lift controller receives the HTTP command, it will give feedback on the current lift status with a prompt. To do this configuration on the web **Device > Lift> Hints** interface. Edit the **HTTP Status Code**, and feedback code from the lift control board.



If there are huge amounts of prompts that need to be added, you can click **Export** tab to export a template, after editing to import/export.



18. Firmware Upgrade

Firmware of different versions for the indoor monitors can be upgraded on the device web **Upgrade > Basic** interface.



Note

- Firmware files should be .zip format for the upgrade.

19. Backup

Configuration files can be imported to or exported out of the device to your local PC on the device web **Upgrade > Advanced > Others** interface if needed.

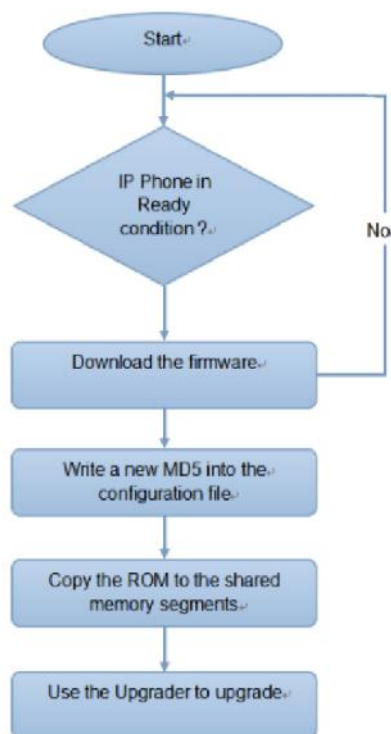


20. Auto-provisioning via Configuration File

20.1. Provisioning Principle

Auto-provisioning is a feature used to configure or upgrade devices in batch via third party servers. **DHCP, PNP, TFTP, FTP, HTTPS** are the protocols used by the Akuvox intercom devices to access the URL of the address of the third party server which stores configuration files and firmware, which will then be used to update the firmware and the corresponding parameters on the door phone.

Please see the flow chart below:



20.2. Introduction to the Configuration Files for Auto-Provisioning

Configuration files have two formats for auto-provisioning. One is the general configuration files used for the general provisioning and other one is the MAC-based configuration provisioning.

The difference between the two types of configuration files is shown below:

- **General configuration provisioning:** a general file is stored in a server from which all the related devices will be able to download the same configuration file to update parameters on the devices. For example, cfg.
- **MAC-based configuration provisioning:** MAC-based configuration files are used for auto-provisioning on a specific device as distinguished by its unique MAC number. And the configuration files named with the device MAC number will be matched automatically with the device MAC number before being downloaded for provisioning on the specific device.

Note

- If a server has these two types of configuration files, then IP devices will first access the general configuration files before accessing the MAC-based configuration files.

20.3. Autop

Akuvox provides you with different Autop methods that enable the indoor monitor to perform provisioning for itself in a specific time according to your schedule. To set up the schedule on device web **Upgrade > Advanced > Automatic Autop** interface.

Please see the picture below:

The screenshot shows the 'Automatic Autop' configuration page. It features a 'Mode' dropdown menu currently set to 'Repeatedly', and a 'Schedule' dropdown menu set to 'Sunday'. Below the schedule dropdown are two input fields: the first contains '22' with a label '(~23-hour)', and the second contains '0' with a label '(~99Min)'. At the bottom of the form, there are two blue buttons: 'Export' and 'Clear'.

Parameter Set-up:

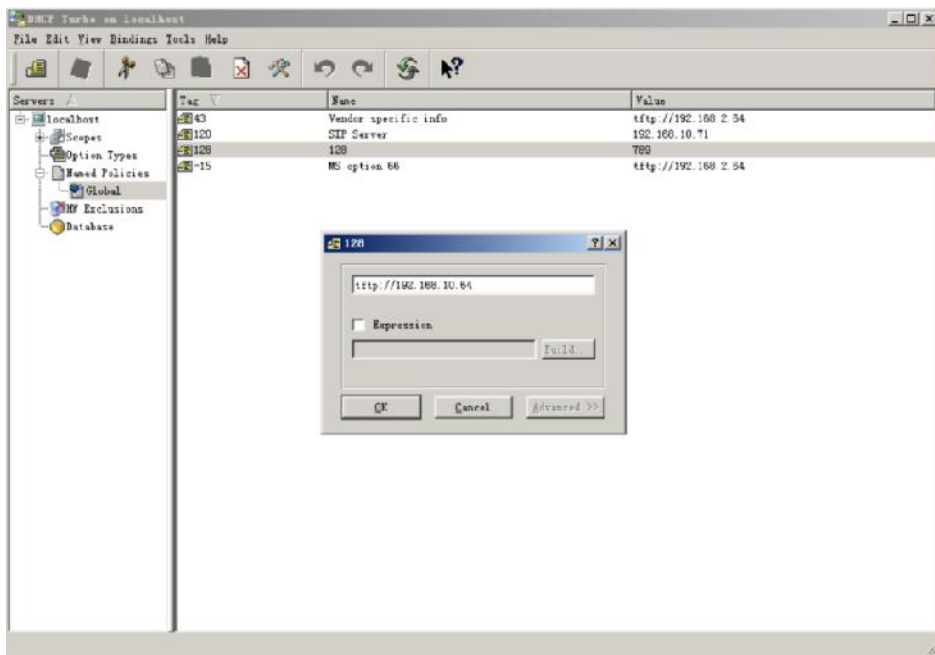
- **Power On:** select **Power on**, if you want the device to perform Autop every time it boots up.
- **Repeatedly:** select **Repeatedly**, if you want the device to perform Autop according to the schedule you set up.
- **Power On + Repeatedly:** select **Power On + Repeatedly** if you want to combine **Power On** Mode and **Repeatedly** mode that will enable the device to perform Autop every time it boots up or according to the schedule you set up.
- **Hourly Repeat:** select **Hourly Repeat** if you want the device to perform Autop every hour.

20.4. DHCP Provisioning Configuration

Auto-provisioning URL can also be obtained using DHCP option which allows device to send a request to a DHCP server for a specific DHCP option code. If you want to use **Custom Option** as defined by users with option code (range from 128-255), you are required to configure DHCP Custom Option on the web **Upgrade > Advanced > Automatic Autop** interface.

Automatic Autop ?

Mode	<input type="text" value="Power On"/> ?
Schedule	<input type="text" value="Sunday"/> ?
	<input type="text" value="22"/> (0-23Hour)
	<input type="text" value="0"/> (0-59Min)
Export Autop Template	<input type="button" value="Export"/> ?
Clear MD5	<input type="button" value="Clear"/> ?



Note

- The custom Option type must be a string. The value is the URL of TFTP server.

DHCP Option ?

Custom Option	<input type="text" value=""/>	(128-254) ?
DHCP Option Enabled	<input checked="" type="checkbox"/> Custom Option <input checked="" type="checkbox"/> Option 43 <input checked="" type="checkbox"/> Option 66 ?	

Parameter Set-up:

- **Custom Option:** enter the DHCP code that matched with corresponding URL so that device will find the configuration file server for the configuration or upgrading.
- **DHCP Option 66:** if none of the above is set, the device will automatically use DHCP Option 66 for getting the upgrade server URL. This is done within the software and the user does not need to specify this. To make it work, you need to configure the DHCP server for the option 66 with the update server URL in it.
- **DHCP Option 43:** if the device does not get an URL from DHCP Option 66, it will automatically use DHCP Option 43. This is done within the software and the user does not need to specify this. To make it work, you need to configure the DHCP server for option 43 with the update server URL in it.

Note

- The general configuration file for the in-batch provisioning is with the format **cfg** taking R29 as an example, r000000000029.cfg (10 zeros in total while the MAC-based configuration file for the specific device provisioning is with the format MAC_Address of the device.cfg, for example, **0C110504AE5B.cfg**.

20.5. Static Provisioning Configuration

You can manually set up a specific server URL for downloading the firmware or configuration file on device web **Upgrade > Advanced > Automatic Autop** interface. If an autop schedule is set up, the indoor monitor will perform the auto provisioning on a specific timing according to autop schedule you set up. In addition, TFTP, FTP, HTTP, and HTTPS are the protocols that can be used for upgrading the device firmware and configuration.

Mode	Schedule	Export Autop Template	Clear MDS
Repeatedly	Sunday	Export	Clear
	:22		
	1		

Parameter Set-up:

- **URL:** set up TFTP, HTTP, HTTPS, FTP server address for the provisioning.
- **User Name:** set up a user name if the server needs an user name to be accessed to otherwise leave it blank.
- **Password:** set up a password if the server needs a password to be accessed to otherwise leave it blank.
- **Common AES Key:** set up AES code for the intercom to decipher general Auto Provisioning configuration file.
- **AES Key (MAC):** set up AES code for the intercom to decipher the MAC-based auto provisioning configuration file.

Note

- AES is one type of encryption, it should be configured only when the config file is encrypted with AES, otherwise leave the field blank.

Note

Server Address Format:

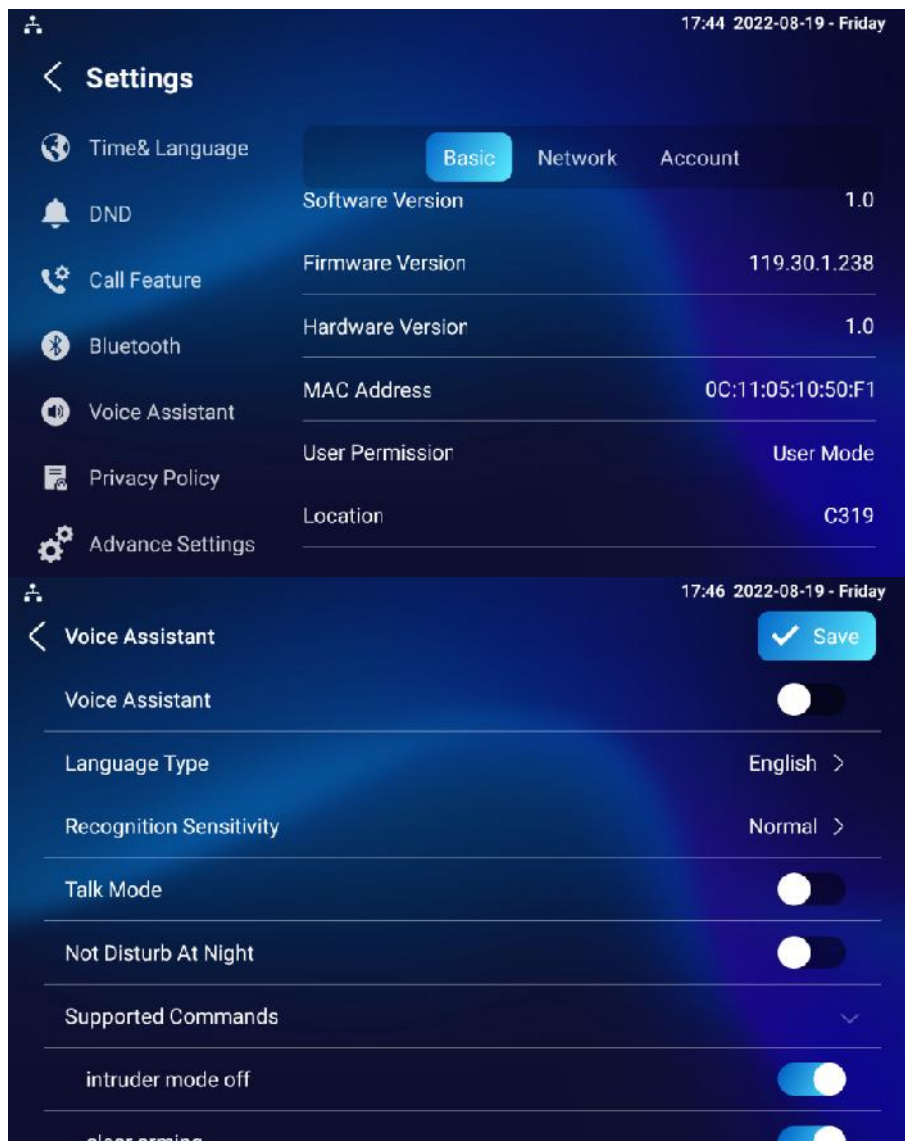
- TFTP: <ftp://192.168.0.19/>
- FTP: <ftp://192.168.0.19/>(allows anonymous login)
- <ftp://username:password@192.168.0.19/>(requires a user name and password)
- HTTP: <http://192.168.0.19/>(use the default port 80)
- <http://192.168.0.19:8080/>(use other ports, such as 8080)
- HTTPS: <https://192.168.0.19/>(use the default port 443)

Note

- Akuvox do not provide user specified server.
- Please prepare TFTP/FTP/HTTP/HTTPS server by yourself.

21. Voice Assistant

You can configure voice assistant named **Albert** to perform a variety of functions related to intercom calls, open-door, arming modes, etc. on the device. And you can also set up the specific relay to be triggered by the voice assistant for the door access control. To configure the voice assistant on device **Settings > Voice Assistant** screen.



Parameter Set-up:

- **Language Type:** select the language according to your need.
- **Recognition Sensitivity:** adjust the voice assistance recognition sensitivity among **Low**, **Normal**, and **High** according to your need.

- **Talk Mode:** move the toggle switch to the right if you want to enable the talk mode. When the **Talk mode** is enabled, the voice assistant will stay on to receive your voice commands for 30 seconds without your needing to call **Albert** again to wake up the voice assistant, while if you disable it, the voice assistant will be wake up again for each voice command.
- **Not Disturb At Night:** move the toggle switch to the left to enable the function. This function is applied when you want the voice assistant to stay silent while carrying out what it is made to do according to your voice commands.
- **Supported Command:** enable or disable the voice commands according to your need.

Please see the voice command details below:

NO	Voice Command	Description	Voice Prompt
1	Intruder mode off	Use it when you want to clear the arming mode when the arming alarm is triggered. (You are required to enter the disarm password in the pop-out window initiated by the voice assistant.)	Please Input Password
2	Clear arming	ibid	ibid
3	Night mode	Use it when you want to change the arming mode to night mode.	<ul style="list-style-type: none"> ● Started it, sweet dreams! ● Made it, good night ● Sure, sleep mode is on ● OK, start sleep mode, have a good night ● Alright, sleep mode is opened, have a nice dream
4	Sleep mode	Use it when you want to change the arming mode to sleep mode.	<ul style="list-style-type: none"> ● Sure, sleep mode is on ● OK, start sleep mode, have a good night ● Alright, sleep mode is opened, have a nice dream ● Made it, good night ● Started it, sweet dreams!

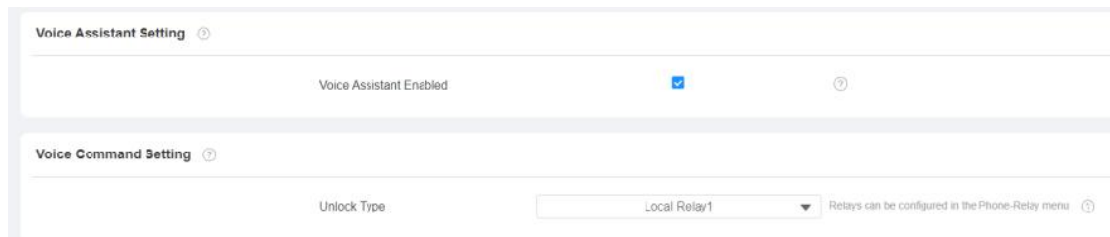
5	Away mode	Use it when you want to change the arming mode to away mode.	<ul style="list-style-type: none"> ● Sure, away mode is on ● OK, start away mode ● Alright, away mode is opened ● Made it ● Made it, have a good day ● Done, away mode is started
6	Home mode	Use it when you want to change the arming mode to home mode.	<ul style="list-style-type: none"> ● Sure, home mode is on ● OK, start home mode ● Alright, home mode is opened ● Made it ● Done, home mode is started
7	Open door	Use it when you want to open the door.	<ul style="list-style-type: none"> ● Sure, the door is open ● The door is open for you ● No problem, open the door ● Opened, always here for you ● Yep, door is opened now
8	Open the door	Use it when you want to open the door.	<ul style="list-style-type: none"> ● Sure, the door is open ● The door is open for you ● No problem, open the door ● Opened, always here for you ● Yep, door is opened now
9	Disable DND	Use it when you want to disable the DND mode.	<ul style="list-style-type: none"> ● Yes, closed it for you ● Welcome back, DND is off

			<ul style="list-style-type: none"> ● DND is closed, to mingle with the world ● Sure, DND is off
10	Enable DND	Use it when you want to enable the DND mode.	<ul style="list-style-type: none"> ● OK, DND is on ● Done, enjoy yourself ● DND is on, feel your inner peace ● Turn on it now
11	Emergency	Use it when you want to dial SOS number.	<ul style="list-style-type: none"> ● Got it, calling SOS as soon as possible ● OKay, be relaxed, making an emergency call now ● Calling ambulance now ● Calling SOS now, please hold on ● God bless you, calling emergency now ● Hold on please, calling emergency right now ● Take it easy, calling emergency right now
12	Help me	ibid	ibid
13	Call manager	Use it when you want to call manager you name set up in the phonebook.	<ul style="list-style-type: none"> ● Please choose one for calling ● sorry I didn't get that
14	Call staff	Use it when you want to call stuff you named and set up in the phonebook.	<ul style="list-style-type: none"> ● Please choose one for calling ● sorry I didn't get that
15	Call carer	Use it when you want to call carer you named and set up in the phonebook.	<ul style="list-style-type: none"> ● Please choose one for calling ● sorry I didn't get that

16	Open message	Use it when you want to check text messages.	<ul style="list-style-type: none"> ● Got it, please check ● OK, message is opened, you can write some content to send ● Message is ready for you ● already opened it for you
17	Open monitor	Use it when you want to check monitor.	Got it, please check
18	Homepage	Use it when you want to go to the home screen.	<ul style="list-style-type: none"> ● Home page is already for you. ● Already got it for you
19	Enable mute	Use it when you want to mute your voice on the indoor monitor so that the caller or callee will not be able to hear you.	<ul style="list-style-type: none"> ● OK, mute is on ● Done, enjoy yourself ● Mute is on, feel your inner peace ● Set it now
20	Disable mute	Use it when you want to unmute your voice on the indoor monitor so that the caller or callee will be able to hear you.	<ul style="list-style-type: none"> ● Sure, mute is off ● Mute is closed, to mingle with the world ● Welcome back, mute is off ● Yes, closed it for you
21	Shut down/cancel	Use it when you want to turn off the voice assistant function.	<ul style="list-style-type: none"> ● See you ● See you later ● Bye ● Good bye ● See you next time ● Bye, best regards ● See you, have a great time
22	Answer Call Permission	Enable it so that you can answer or reject the incoming call via voice assistant by replying Yes or No .	<ul style="list-style-type: none"> ● The call is coming, do you want to accept it? Yes or No? ● OK, here for you. ● Sure, hung up

			now.
23	Call Match	Fuzzy	Enable it to allow the fuzzy match of the manager calls. For example, if you have multiple manager call contacts: manager1, and manager2, then you will be required to select the specific manager call contact when using Call manager voice command.

To enable the voice assistant and set the voice assistant-controlled relay on the web **Settings > Voice Assistant > Voice Assistant Setting** interface, you can tick the check box to enable the voice assistant function. Then go to **Voice Command Setting** to elect a specific relay to be triggered via voice assistant.

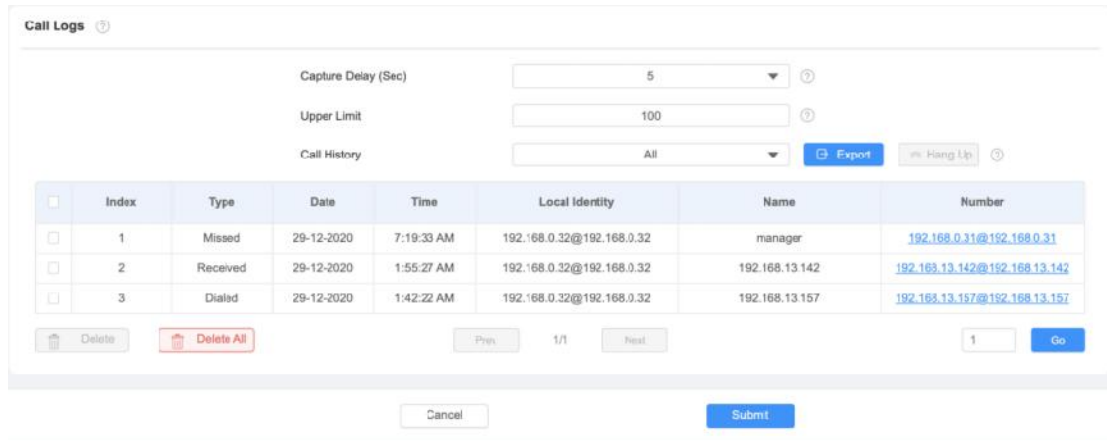


Parameter Set-up:

- **Unlock type:** select the type of relay to be triggered by the voice assistant for the predefined action, for example, door opening.

22. Call Log

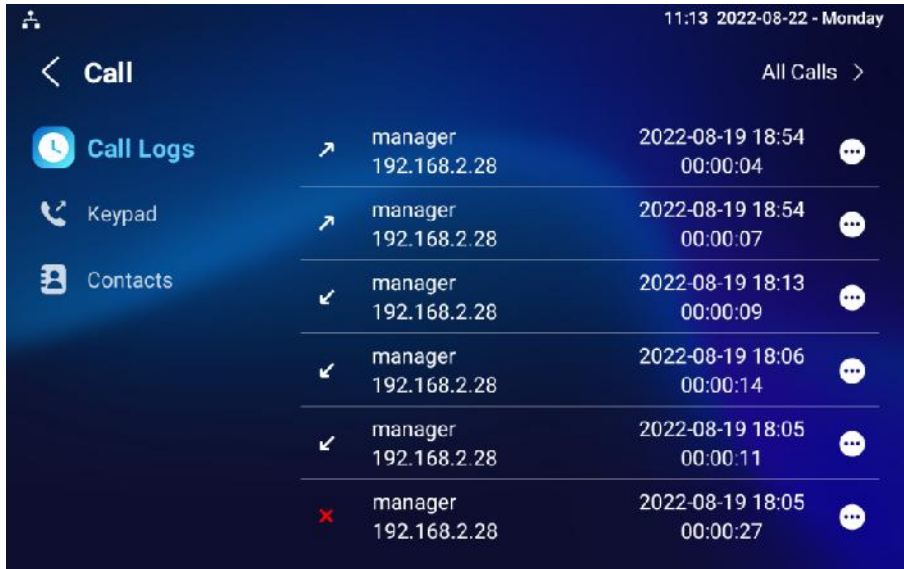
If you want to check on the calls inclusive of the dial-out calls, received calls, and missed calls in a certain period of time, you can check and search the call log on the device web **Contacts > Call Logs** interface and export the call log from the device if needed.



Parameter Set-up:

- **Capture Delay:** set the image capturing starting time when the device goes into video preview.
- **Upper Limit:** set the maximum screenshot storage capacity, when the capacity is reached the previous screenshots would be overwritten.
- **Call History:** select call history (All, Dialed, Received, Missed, Forwarded).
- **Local Identity:** displays the door phone's SIP account or IP number that receives that incoming calls.
- **Name/Number:** select the **Name** and **Number** options to search call log by the name or by the SIP or IP number.

To check call log on the device, tap **Call>Call Logs**.



23. Debug

23.1. System Log for Debugging

23.1.1. Capturing a System Log for Debugging

System log in the door phone can be used for debugging purpose. If you want to export the system out to a local PC or to a remote server for debugging, you can set up the function on the web **Upgrade > Diagnosis > System Log** interface.

The screenshot shows the 'System Log' configuration page. It includes a 'LogLevel' dropdown menu currently set to '7', an 'Export Log' button with a download icon, a 'Remote System Log Enabled' checkbox which is currently unchecked, and a 'Remote System Server' text input field.

Parameter Set-up:

- **Log Level:** select log levels from 1 to 7 levels. You will be instructed by Akuvox technical staff about the specific log level to be entered for debugging purpose. The default log level is **3**. The higher the level is, the more complete the log is.
- **Export Log:** click the **Export** tab to export temporary debug log file to a local PC.
- **Export Debug Log:** click the **Export** tab to export debug log file to a local PC.
- **Remote System Log:** select **Enable** or **Disable** if you want to enable or disable the remote system log.
- **Remote System Server:** enter the remote server address to receive the system log and the remote server address will be provided by Akuvox technical support.

23.2. PCAP for Debugging

PCAP in Akuvox indoor monitor is used to capture the data package going in and out of the devices for debugging and troubleshooting purpose. You can set up the PCAP on the device web **Upgrade > Diagnosis > PCAP** interface properly before using it.

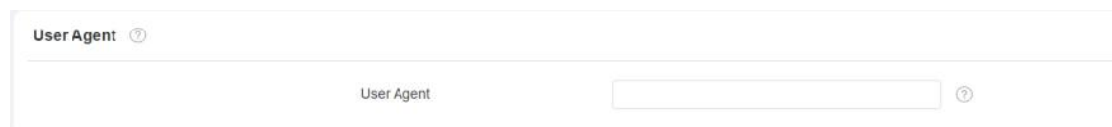


Parameter Set-up:

- **Specific Port:** select the specific ports from 1-65535 so that only the data packet from the specific port can be captured. You can leave the field blank by default.
- **PCAP:** click **Start** tab and **Stop** tab to capture a certain range of data packets before clicking **Export** tab to export the data packets to your Local PC.
- **PCAP Auto Refresh:** select **Enable** or **Disable** to turn on or turn off the PCAP auto fresh function. If you set it as **Enable** then the PCAP will continue to capture data packets even after the data packets reached their 50M maximum in capacity. If you set it as **Disable** the PCAP will stop data packet capturing when the data packet captured reaches the maximum capturing capacity of 1MB.

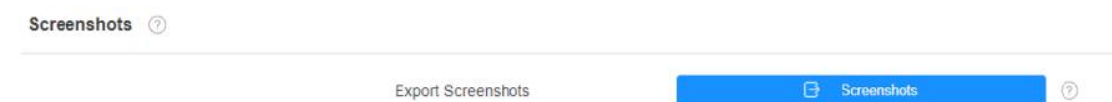
23.3. User Agent

User agent is used for the identification purpose when you are doing analysis on the SIP data packet. To do this configuration on web **Account > Advanced** interface.



23.4. Screenshots

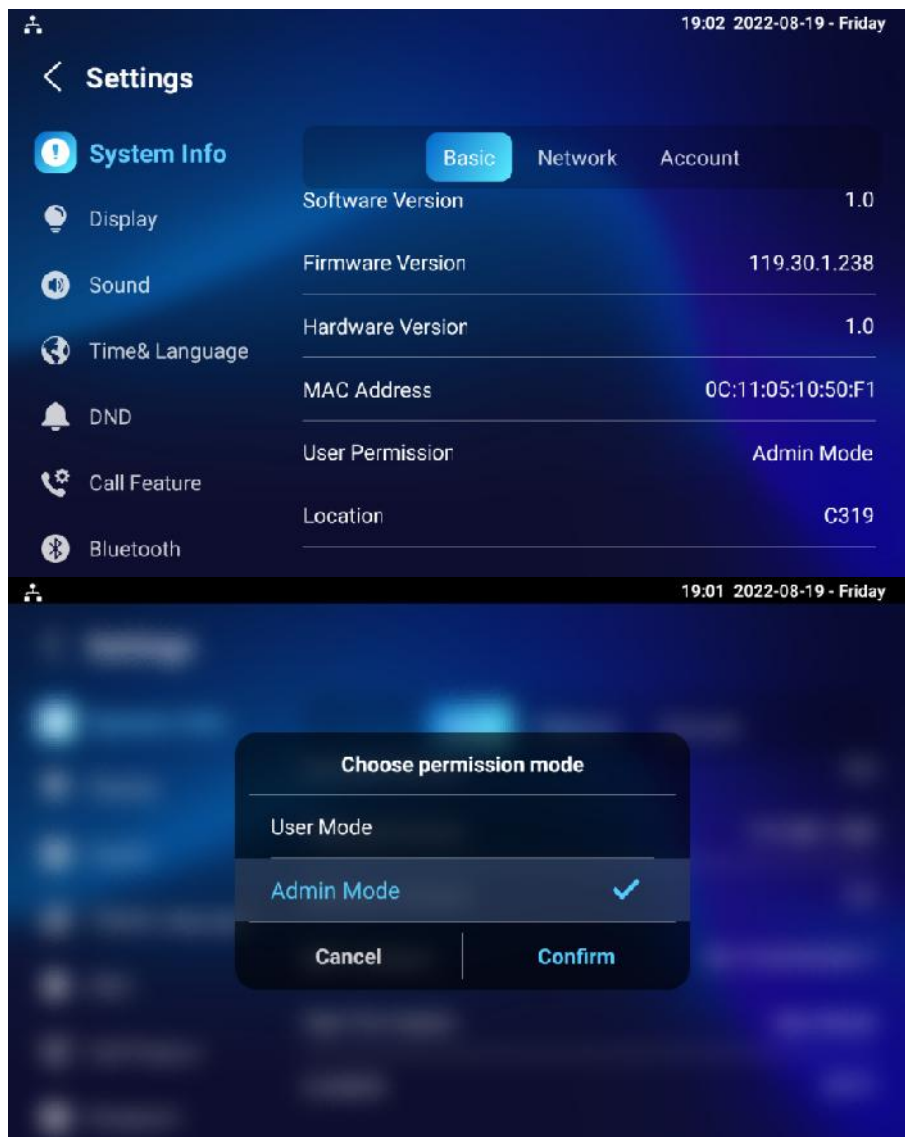
You can take the screenshot of the specific device screen to help with the troubleshooting and so on if needed. To take screenshots, go to **Upgrade > Diagnosis > Screenshots**, then click **Screenshots**.



24. Device Integration with Third Party

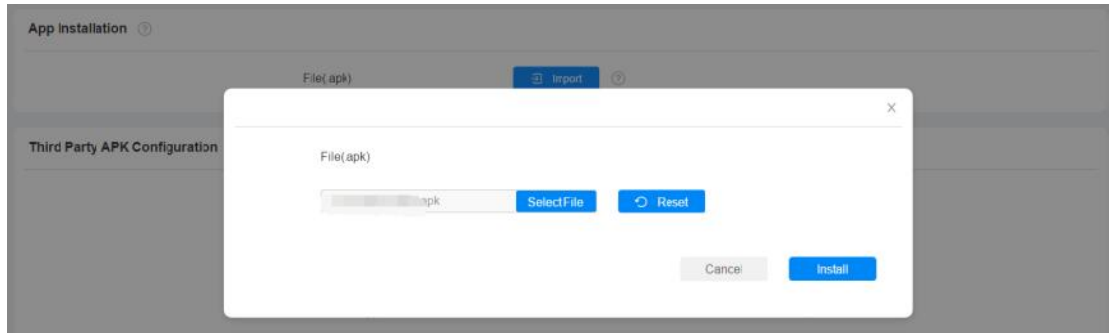
24.1. Enter Applications Screen

The content of this part mainly teaches you how to enter the APK interface through hidden operations. To do the configuration on device **Settings > System Info** interface. You can press on **User Mode** 10 times and press **Admin Mode** and press **Confirm** for confirmation.

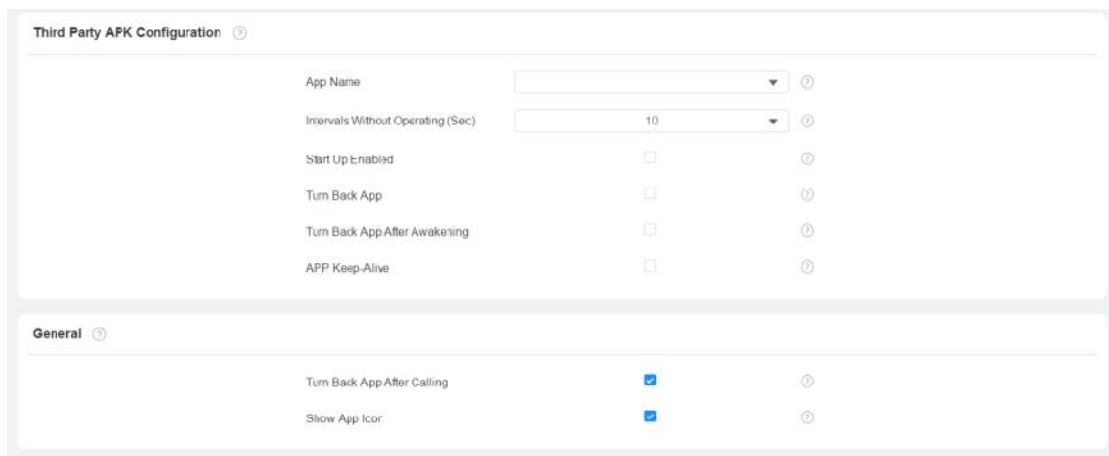


24.2. Install Third-party App

You can install the third-party App to your device on the device web **Device >Third Party APK** interface. Choose a suitable .apk file from PC to upload. If you want to clear the apk file uploaded, click **Reset**.



To configure the installed the third-party app, you can click **App Name** field to select the specific name of the installed APK files for configuration. Then tick the check boxes of the each field for specific configuration you need.



Parameter Set-up:

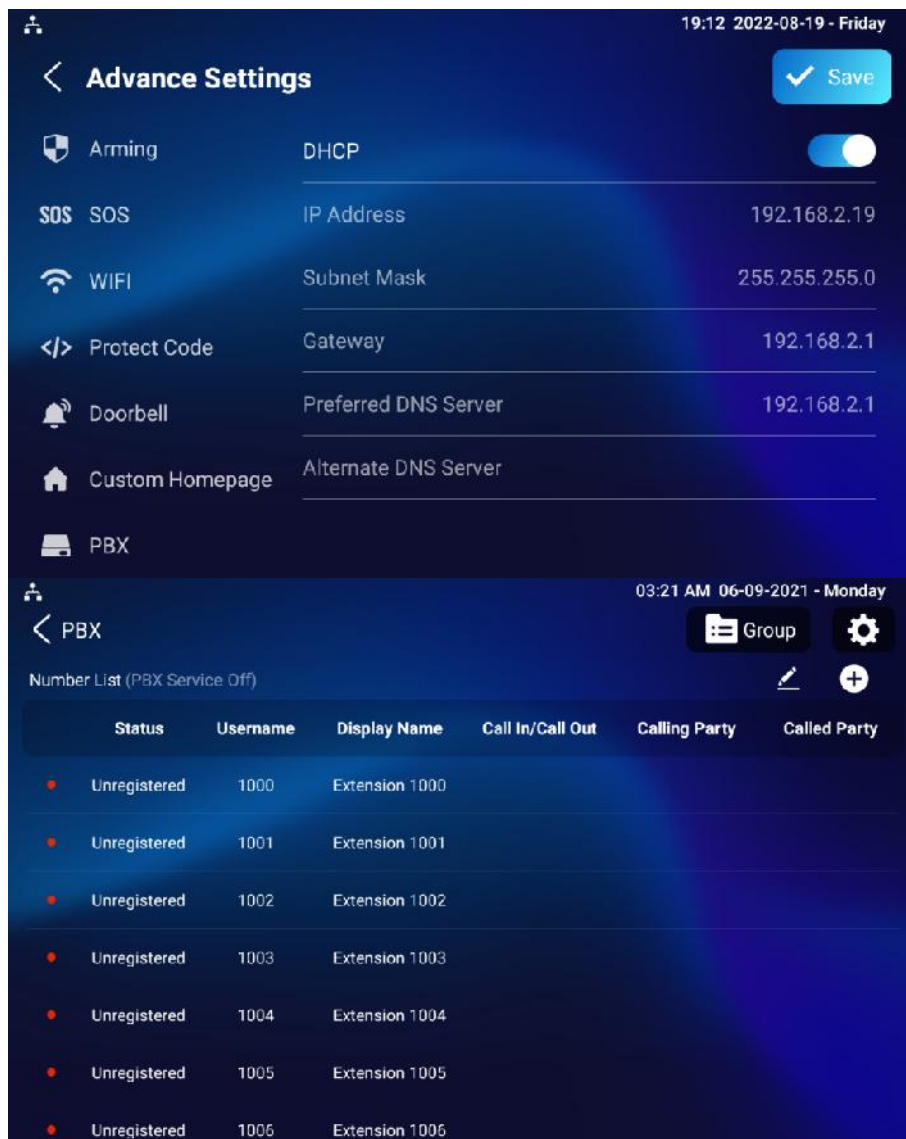
- **App Name:** select the App Name to be configured.
- **Interval Without Operating (Sec):** tick the check box to set the app returning time-interval when there is no operation on the device.
- **Start Up Enable:** tick the check box of Start UP Enable if you want the app to run automatically when the device is turned on.
- **Turn Back App After Awakening:** tick the check box of if you want the device to return to the app when the screen is awakened.
- **APP Keep-Alive:** tick the check box of if you want the app to stay running without being turned off.

- **Turn Back App After Calling:** tick the box if you want the app to return automatically after finishing a call (this feature applies to all the apps).
- **Show App Icon:** tick the box if you want the app icon to be displayed on the screen.

25. PBX Feature

S567 Android indoor monitor has a built-in PBX server which allows the indoor monitor to serve as an intercom monitor and a SIP PBX, so users do not bother to prepare an extra SIP PBX again. The PBX supports call, forward, transfer, conference, ring group features, and so on. You can set it up on the device screen or web interface.


To set it up on the device, go to **Advanced Settings**.

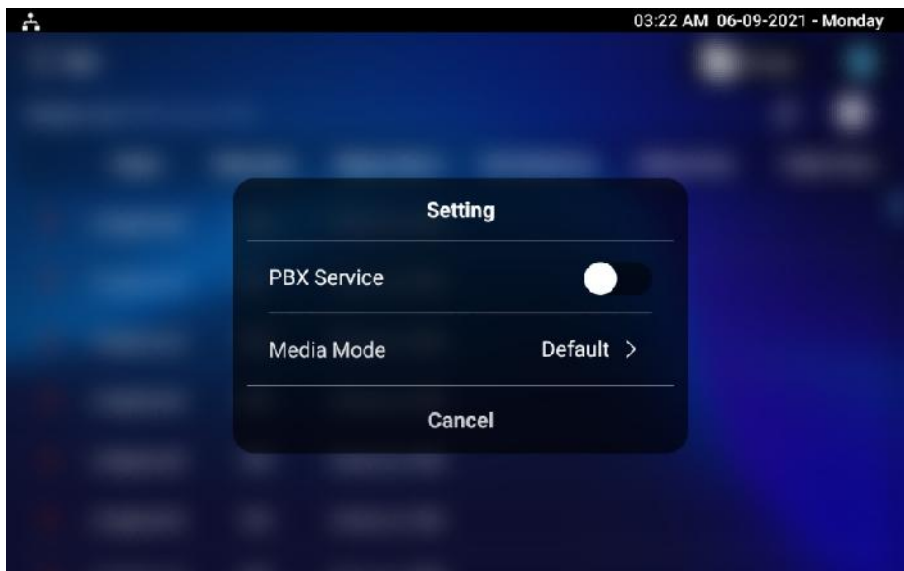


25.1. PBX Configuration on The Device

Enable the PBX feature on the device **Advance Settings > PBX** screen to check and manage SIP accounts.

25.1.1. Enable PBX Service

In the PBX interface, tap  on the upper right corner to enable the PBX.

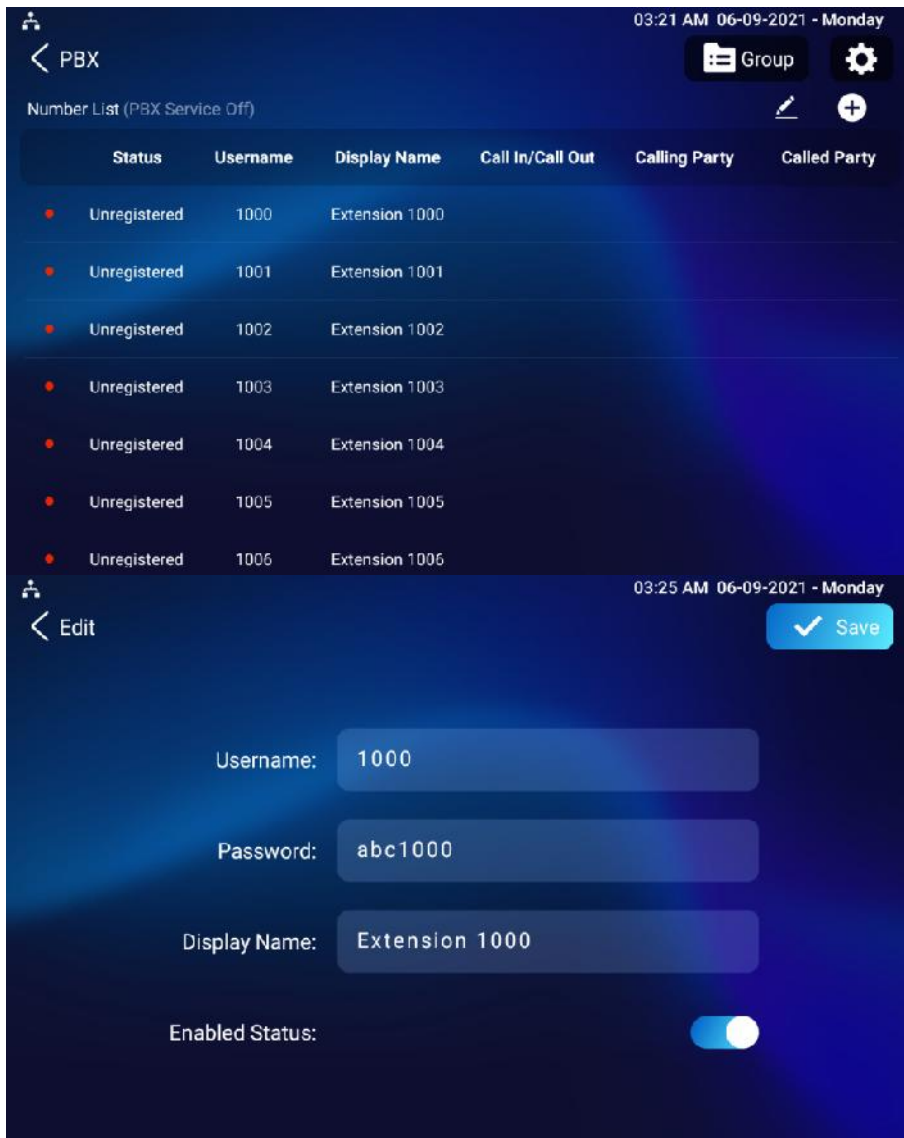


Parameter Set-up:

- **Media mode** : select **Default** if the intercom devices are deployed in the same LAN network. Select **Bypass** if the devices are deployed in the different LAN networks where PBX serves as a bridge or a media for the network data transmission.

25.1.2. Manage PBX Accounts

You can check the basic PBX information like PBX server and port and accounts status.

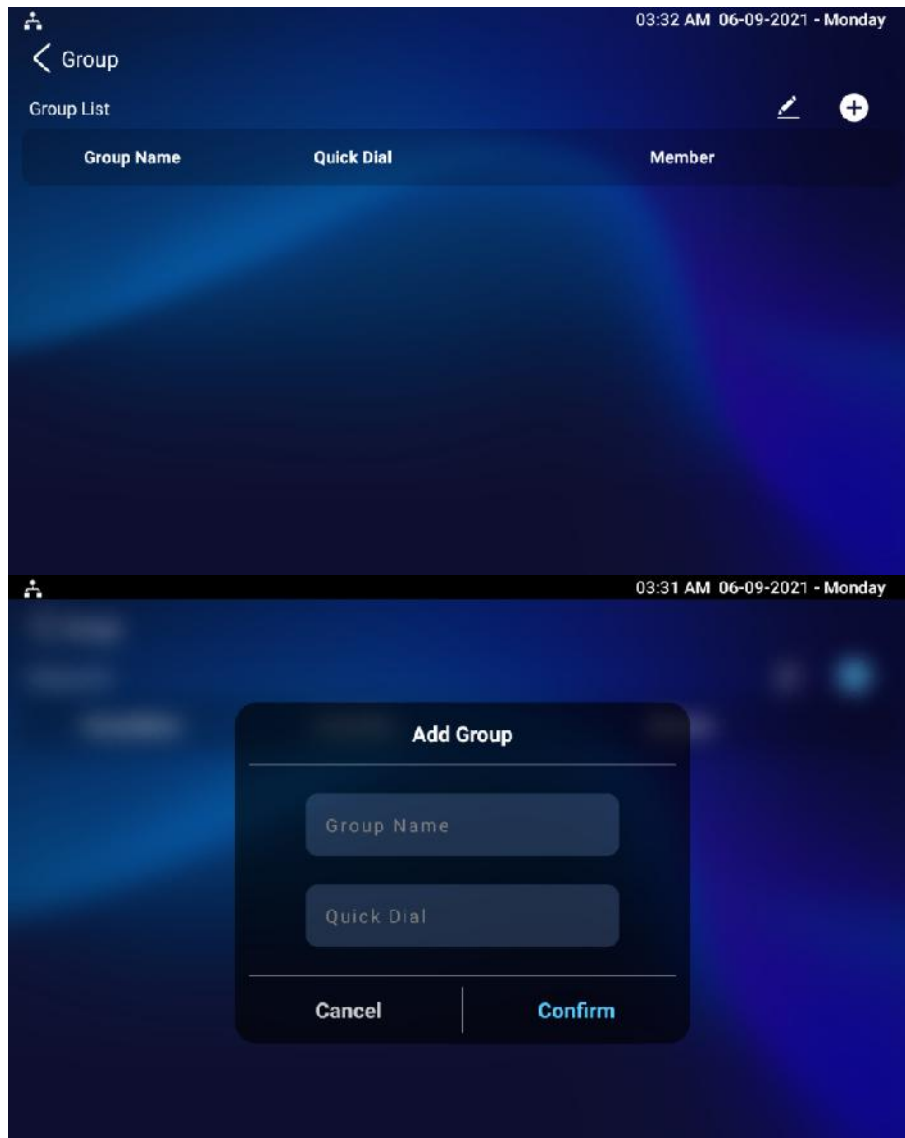


Parameter Set-up:

- **Status:** to show whether the account is registered or not.
- **Username:** to enter the extension number registered onto SIP server.
- **Display Name:** enter the display name of this account, which will be shown on other devices when making calls.
- **Password:** to enter the password of the corresponding users.
- **Enabled Status:** to activate SIP account.
- **Call IN/Call Out:** the calling status of this account.
- **Calling Party:** the calling party number.
- **Caller Party:** the caller party number.

25.1.3. Manage PBX Groups

Click **Group** on the right top corner to add a new ring group or edit the existing group. One number can be added in different ring groups. Once receiving an incoming call, the numbers in one group will be ring up at the same time.



Parameter Set-up:

- **Group Name:** the name of a ring group.
- **Quick Dial:** a number of this ring group.

25.2. PBX Configuration on the Web Interface

You can do the same configuration on web **PBX > Basic** and **PBX > Ring Group** interface.

PBX Basic
?

PBX Service Enabled ?

PBX Status: ?

Media Model: ?

PBX Port: ?

+ Add

<input type="checkbox"/>	Index	Username	Password	Display Name	Status	Edit
<input type="checkbox"/>	1	1000	abc1000	Extension 1000	UnRegistered	✎
<input type="checkbox"/>	2	1001	abc1001	Extension 1001	UnRegistered	✎
<input type="checkbox"/>	3	1002	abc1002	Extension 1002	UnRegistered	✎
<input type="checkbox"/>	4	1003	abc1003	Extension 1003	UnRegistered	✎
<input type="checkbox"/>	5	1004	abc1004	Extension 1004	UnRegistered	✎
<input type="checkbox"/>	6	1005	abc1005	Extension 1005	UnRegistered	✎
<input type="checkbox"/>	7	1006	abc1006	Extension 1006	UnRegistered	✎
<input type="checkbox"/>	8	1007	abc1007	Extension 1007	UnRegistered	✎
<input type="checkbox"/>	9	1008	abc1008	Extension 1008	UnRegistered	✎
<input type="checkbox"/>	10	1009	abc1009	Extension 1009	UnRegistered	✎

[Delete](#)
[Delete All](#)
[Prev](#)
1/10
Next

Go

PBX >> Ring Group
?

Group Setting

+ Add

<input type="checkbox"/>	Index	Group Name	Quick Dial	Member	Edit
No Data					

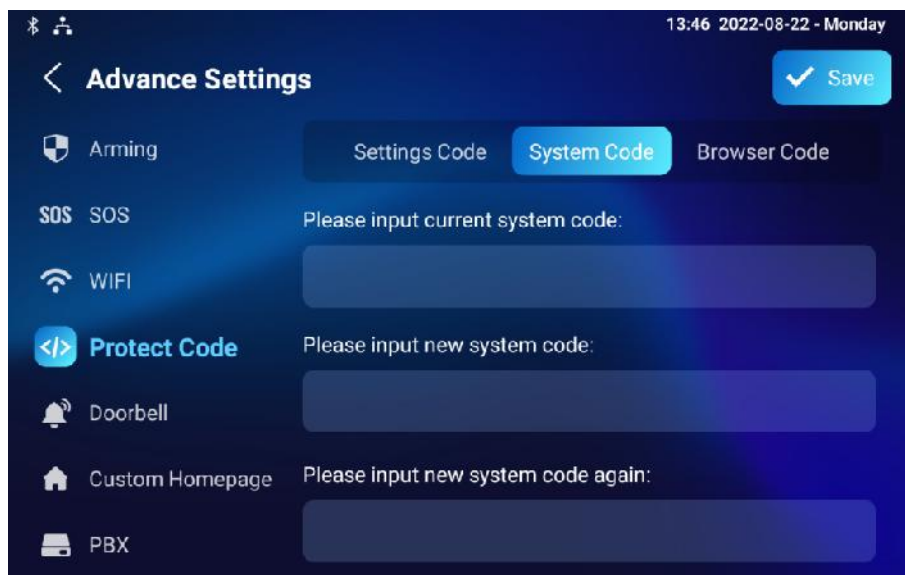
[Delete](#)
[Delete All](#)
[Prev](#)
1/1
[Next](#)

Go

26. Password Modification

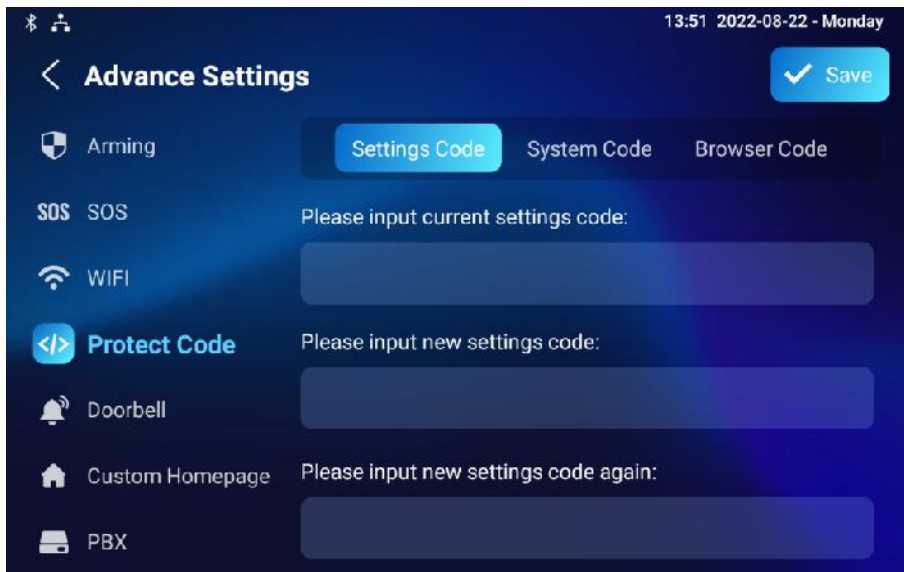
26.1. Modify Device Basic Setting Password

To do the configuration on device **Settings > Advanced Settings > Protected Code** screen to choose **System Code** to change a new password. The default password is 123456.



26.2. Modify Device Advanced Setting Password

This password is used to enter the advanced settings of the device, including password settings, account numbers, SOS numbers, network settings, etc. To modify the advanced setting password on device **Settings > Advanced Settings > Protect Code > Setting Code** screen. The default password is 123456.



26.3. Modify Device Web Interface Password

To modify the web interface password, you can do it on the device web **Security > Basic > Web Password Modify interface**. Select **Admin** for the administrator account and **User** for the User Account. Click the **Change Password** tab to change the password.

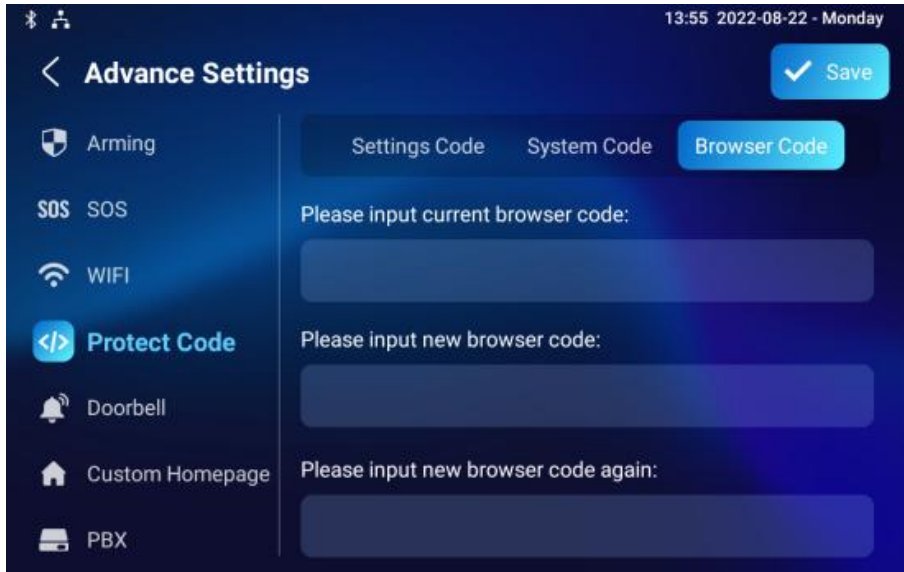


Note

- There are two accounts, one is admin, its password is admin, the other is user, and its password is user.

26.4. Modify Browser Password

This password is used to lock the browser on the device in case someone abuses the browser for any unwanted application. You can do this configuration on device **Settings > Advanced Settings > Protected Code > Browser Code** screen. The default password is 123456.



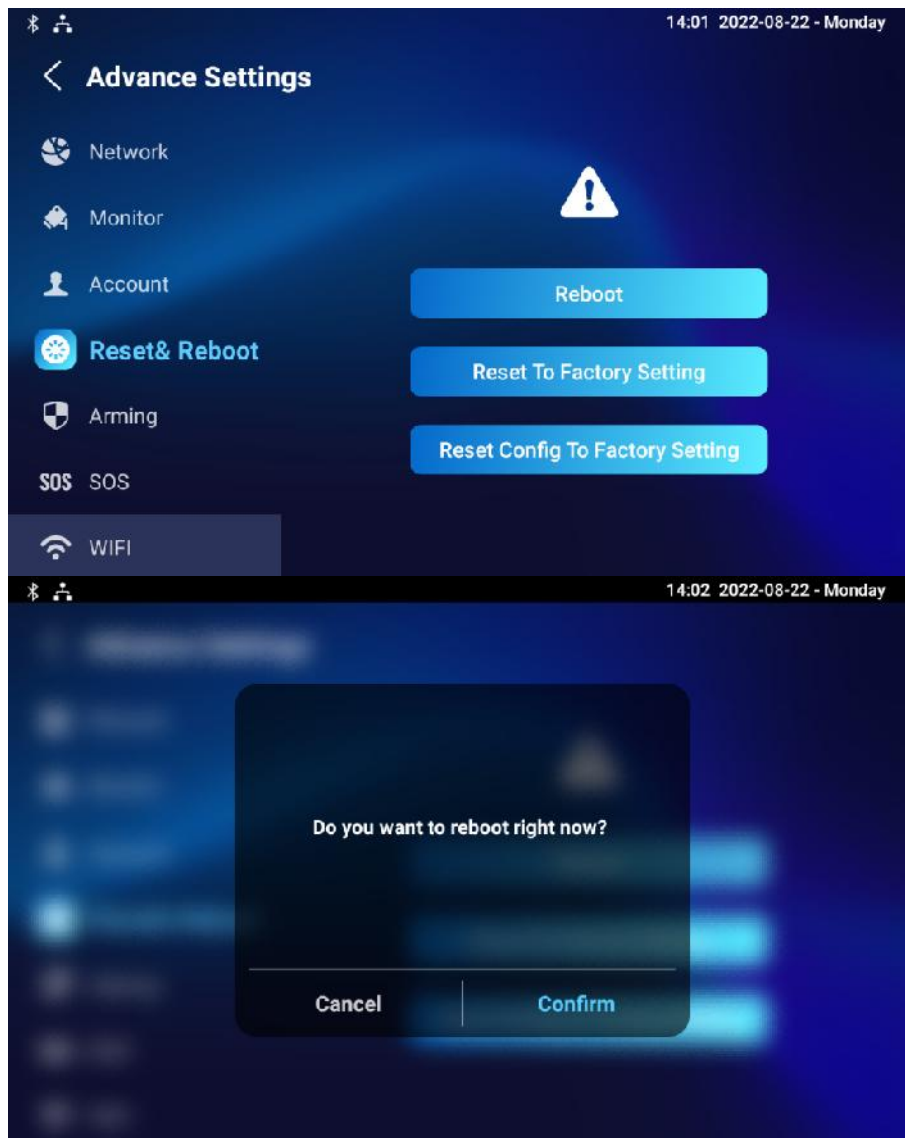
27. System Reboot&Reset

27.1. Reboot

27.1.1. Reboot on the Device

If you want to restart the system setting of the device, you can operate it directly on the device setting screen or on the device web interface.





To restart to the system setting on device **Settings > Advance Settings > Reset&Reboot** screen.



27.1.2. Reboot on the Web Interface

If you want to restart the device system, you can operate it on the device web **Upgrade > Basic** interface as well. Moreover, you can set up a schedule for the device to be restarted.

Basic ?

Firmware Version	567.30.1.209	?
Hardware Version	1.0	?
Upgrade	 Import	?
Factory Default	 Reset	?
Reset Config	 Reset	?
Reboot	 Reboot	?

To set up the device restart schedule on web **Upgrade > Advanced > Reboot Schedule** interface.

Reboot Schedule ?

Switch ?

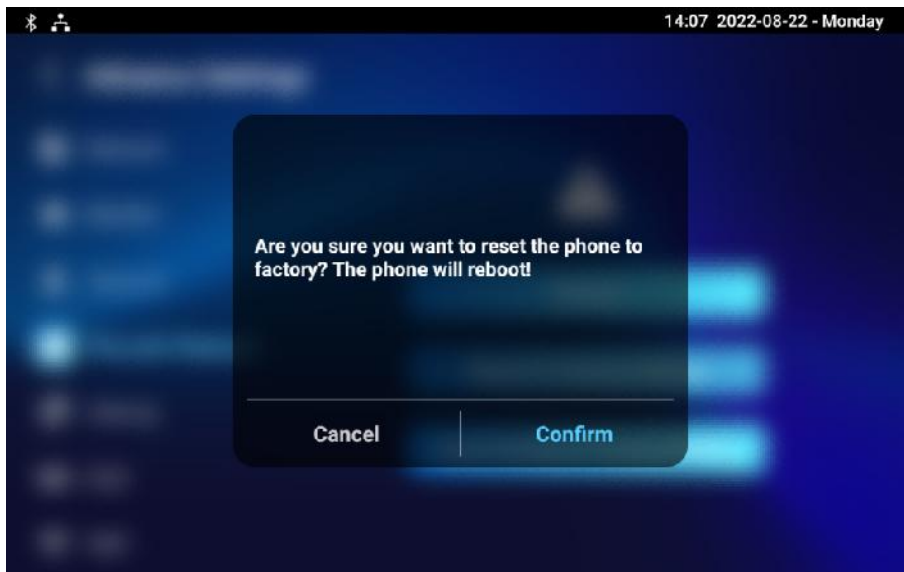
Schedule ?

(0-23Hour)

27.2. Reset

27.2.1. Reset on the Device

If you want to reset the whole device system to the factory setting, you can operate it directly on the device **Settings > Advance Settings > Reset&Reboot** screen.



If you only want to reset the configuration file to the factory setting instead of the whole device system, you can press **Reset Config To Factory Setting** tab.

27.2.2. Reset on the Web Interface

Device system can also be reset on device web **Upgrade > Basic** interface without approaching the device.

Basic ?

Firmware Version	567.30.1.209	?
Hardware Version	1.0	?
Upgrade	📄 Import	?
Factory Default	↺ Reset	?
Reset Config	↺ Reset	?
Reboot	🔌 Reboot	?

If you only want to reset to the configuration file to the factory setting, you can click **Reset Config** on the same page.

28. Abbreviations

ACS: Auto Configuration Server
Auto: Automatically
AEC: Configurable Acoustic and Line Echo Cancelers
ACD: Automatic Call Distribution
Autop: Automatical Provisioning
AES: Advanced Encryption Standard
BLF: Busy Lamp Field
COM: Common
CPE: Customer Premise Equipment
CWMP: CPE WAN Management Protocol
DTMF: Dual Tone Multi-Frequency
DHCP: Dynamic Host Configuration Protocol
DNS: Domain Name System
DND: Do Not Disturb
DNS-SRV: Service record in the Domain Name System
FTP: File Transfer Protocol
GND: Ground
HTTP: Hypertext Transfer Protocol
HTTPS: Hypertext Transfer Protocol Secure Socket Layer
IP: Internet Protocol
ID: Identification
IR: Infrared
LCD: Liquid Crystal Display
LED: Light Emitting Diode
MAX: Maximum
POE: Power Over Ethernet
PCMA: Pulse Code Modulation A-Law
PCMU: Pulse Code Modulation μ -Law
PCAP: Packet Capture
PNP: Plug and Play
RFID: Radio Frequency Identification
RTP: Real-time Transport Protocol
RTSP: Real Time Streaming Protocol
MPEG: Moving Picture Experts Group
MWI: Message Waiting Indicator
NO: Normal Opened
NC: Normal Connected
NTP: Network Time Protocol
NAT: Network Address Translation
NVR: Network Video Recorder
ONVIF: Open Network Video Interface Forum
SIP: Session Initiation Protocol
SNMP: Simple Network Management Protocol

STUN: Session Traversal Utilities for NAT
SNMP: Simple Mail Transfer Protocol
SDMC: SIP Devices Management Center
TR069: Technical Report069
TCP: Transmission Control Protocol
TLS: Transport Layer Security
TFTP: Trivial File Transfer Protocol
UDP: User Datagram Protocol
URL: Uniform Resource Locator
VLAN: Virtual Local Area Network
WG: Wiegand

29. FAQ

Q1: How to obtain IP address of X933/C319?

A1: You can use the display screen to get the IP information, just check the IP address at **Setting, Basic Info**.

You can also use Akuvox IP Scanner to search Akuvox devices in the same LAN network.

Q2: Do Akuvox devices support Opus codec?

A2: For now, only Akuvox Android video IP phone R48G can support Opus audio codec. Door phone and indoor monitor are still not supported.

Q3: What is the resolution of the 7-inch touch screen of X933?

A3: The ratio is 16:10, and the resolution is 1280*800.

Q4: What operating system is X933?

A4: X933 based on Android 9.0.

Q5: Can I install apps at Akuvox indoor monitor ?

A5: Akuvox has indoor monitor based on Linux system and Android system. For Linux system devices (IT80/IT81/C312/C313 series), not possible to install third-party apps. For android system devices (C315/C317/IT83/IT83/X933 series), you can install third-party apps as your wish.

Q6: Can I connect the electrical lock to the indoor monitor?

A6: Akuvox indoor monitor has relay component, so you can connect the electrical lock to indoor monitor.

Q7: Can I communicate with other indoor monitors with the indoor monitor?

A7: Akuvox devices can communicate with each other, no matter whether it is an indoor monitor, door phone, or IP phone. Of course, indoor monitor can call other indoor monitors, also if you want, you can set other indoor monitors as auto answer mode.

30. Contact Us

For more information about the product, please visit us at www.akuvox.com or feel free to contact us by

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Technical support email: support@akuvox.com

Telephone: +86-592-2133061 ext.7694/8162

We highly appreciate your feedback about our products.

