About This Manual

Akuvox

Open A Smart World

WWW.AKUVOX.COM

C313 SERIES
INDOOR MONITOR

Admin Guide

Thank you for choosing the Akuvox C313 series indoor monitor. This manual is intended for the administrators who need to properly configure the indoor monitor. This manual is written based on firmware 213.30.10.33, and it provides all the configurations for the functions and features of the C313 series indoor monitor. Please visit the Akuvox website or consult technical support for any new information or the latest firmware.

Product Overview

It can be connected with the Akuvox door phone for audio/video communication, unlocking, and monitoring. Residents can communicate with visitors via audio/video call, 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. C313 series are often applied to scenarios such as villas, apartments, and buildings.

Change Log

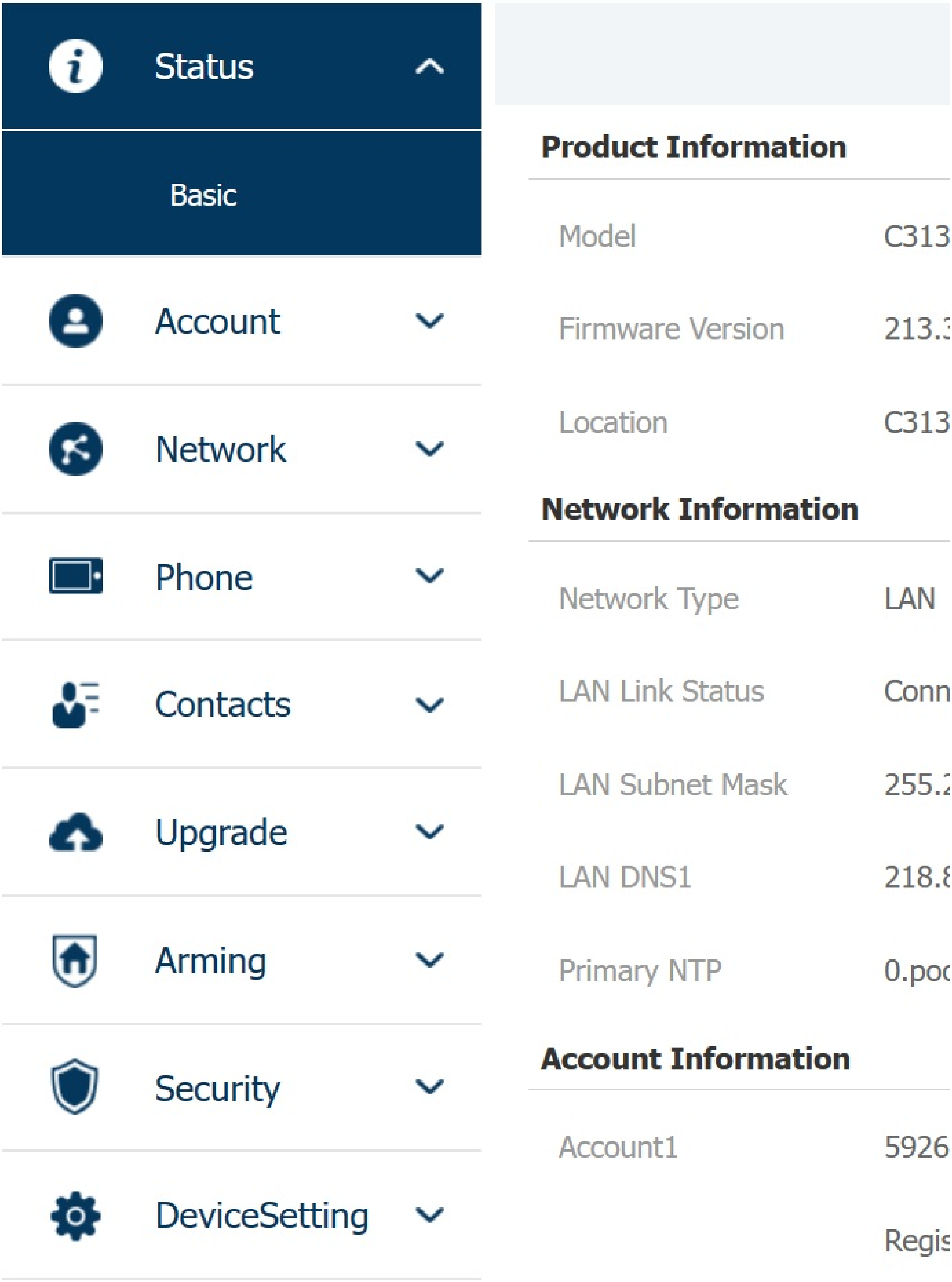
Add High Security Mode.

Model Difference

Model	C313W	C313S	C313N	C313W-2
Feature				
OS	Linux			
Display	7-inch (176 mm) diagonal			
Resolution	800*480			
Wi-Fi	IEEE802.11 b/g/n, @2.4GHz	X	X	IEEE802.11 b/g/ n, @2.4GHz
Ethernet	2xRJ45, 10/100Mbps adaptive			X
Power Supply	12V DC connector			48V DC connector
POE	802.3af Power-over-Ethernet			X
Alarm Input	8		X	8
Relay Output	1		X	1

Introduction to Configuration Menu

- **Status**: This section gives you basic information such as product information, network information, and account information, etc.
- **Account**: This section concerns SIP account, SIP server, proxy server, transport protocol type, audio&video codec, DTMF, session timer, etc.
- **Network**: This section mainly deals with DHCP & Static IP setting, RTP port setting, and device deployment, etc.
- **Phone**: This section includes time & language, call feature, screen display, multicast, audio intercom feature, monitor, relay, lift import & export, door log, and web relay.
- **Contacts**: This section allows the user to configure the local contact list stored in the device.
- **Upgrade:** This section covers firmware upgrade, device reset & reboot, configuration file auto-provisioning, and PCAP.
- **Arming**: This section covers the configuration including arming zone setting, arming mode, disarm code, and alarm action.
- **Security**: This section is for password modification, account status & session time out configuration, as well as service location switching.
- **Device Setting**: This section includes the RTSP and power output.



Product Information

Model	C313
Firmware Version	213.3
Location	C313

Network Information

Network Type	LAN
LAN Link Status	Conn
LAN Subnet Mask	255.2
LAN DNS1	218.8
Primary NTP	0.poo

Account Information

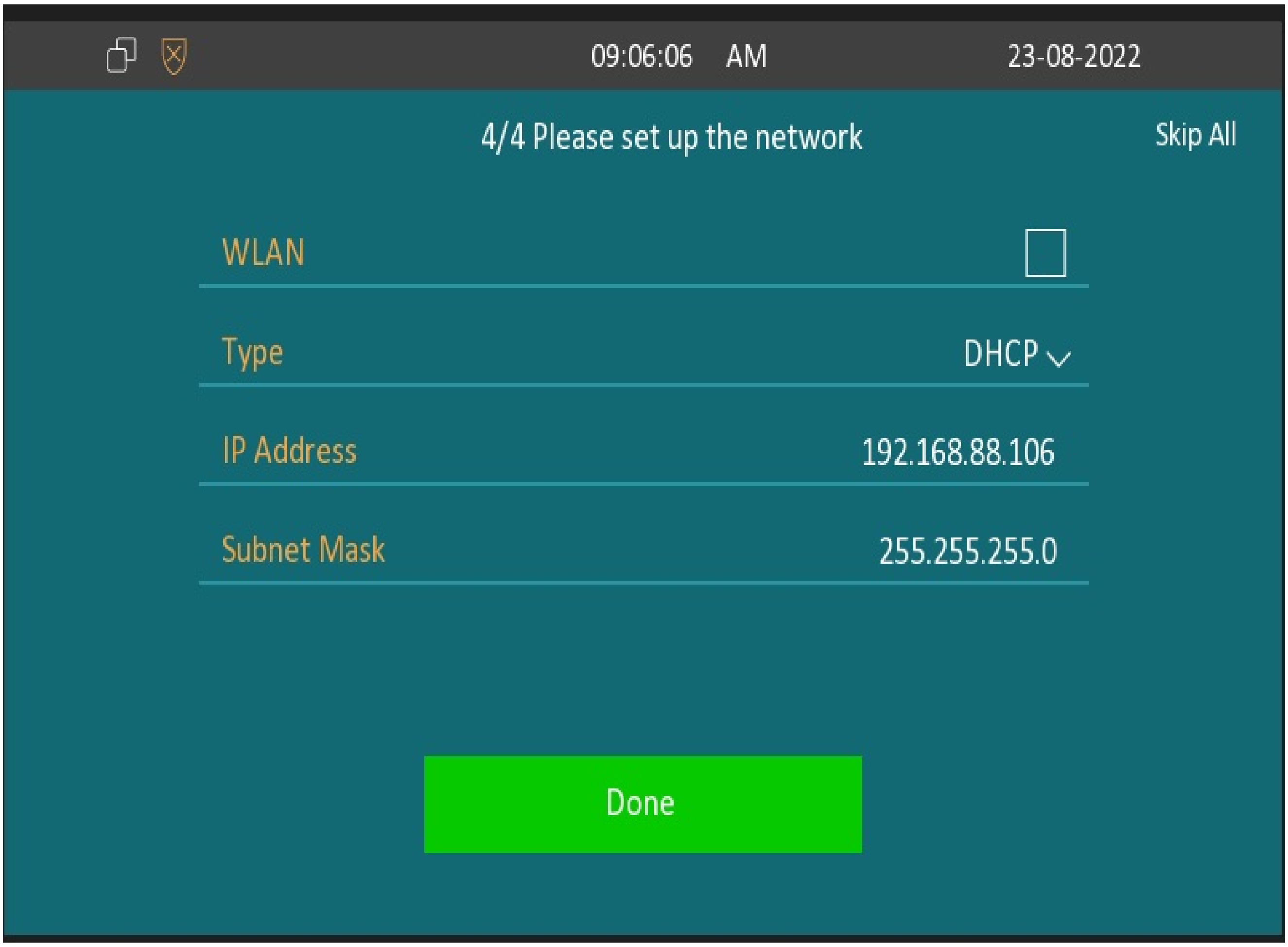
Account1	5926
	Regis

Access the Device

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

Device Start-up 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.



09:06:06 AM 23-08-2022

4/4 Please set up the network

WLAN □

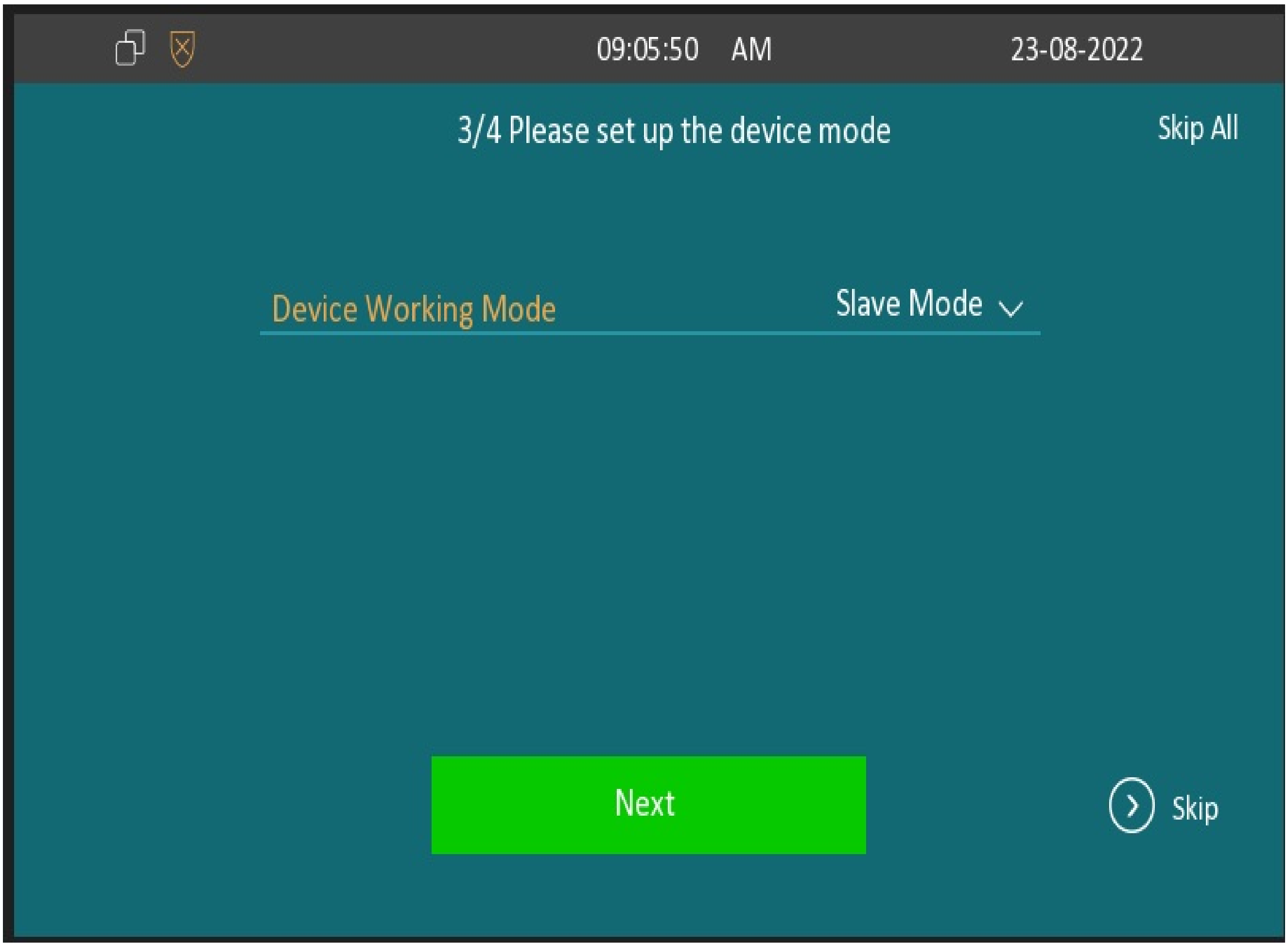
Type: DHCP

IP Address: 192.168.88.106

Subnet Mask: 255.255.255.0

Note

- Only C313W-2 supports the networking method.



3/4 Please set up the device mode

Device Working Mode: Slave Mode

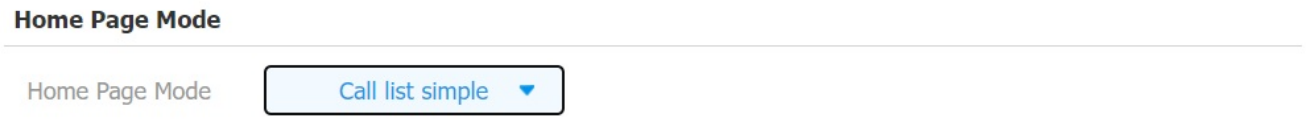
Parameter Set-up:

- **Auto Mode**: If all devices are in **Auto** mode, then one of them will be randomly selected as the master device. The master device will provide the network to the sub-devices connected to it.
- **Master Mode**: If **Master Mode** is selected, the device will work as a master device for a house, the other 2-Wire Intercoms will connect with the master device and get the network from the master device.
- **Slave Mode**: If **Slave Mode** is selected, the device will work as the sub-device for a house and get the network from the master device.

Device Home Screen Type Selection

Akuvox indoor monitor supports two different home screen display modes: **Call list simple, Classic**. Choose one suitable mode for your scenarios.

To configure home page mode on the device web **Phone > Key/ Display**, choose one suitable mode for your scenarios.



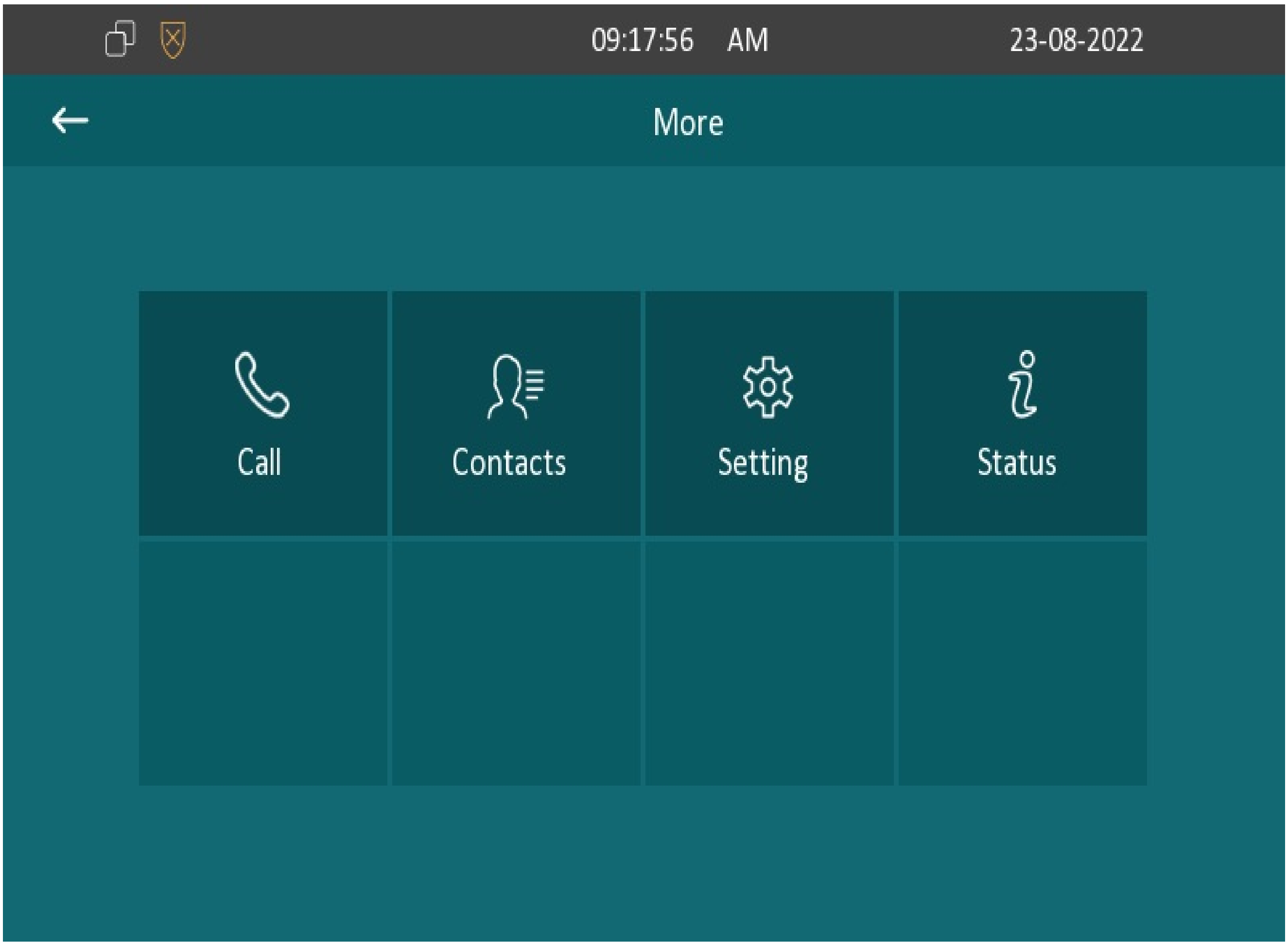
Home Page Mode

Home Page Mode: Call list simple

Access the Device Setting on the Device

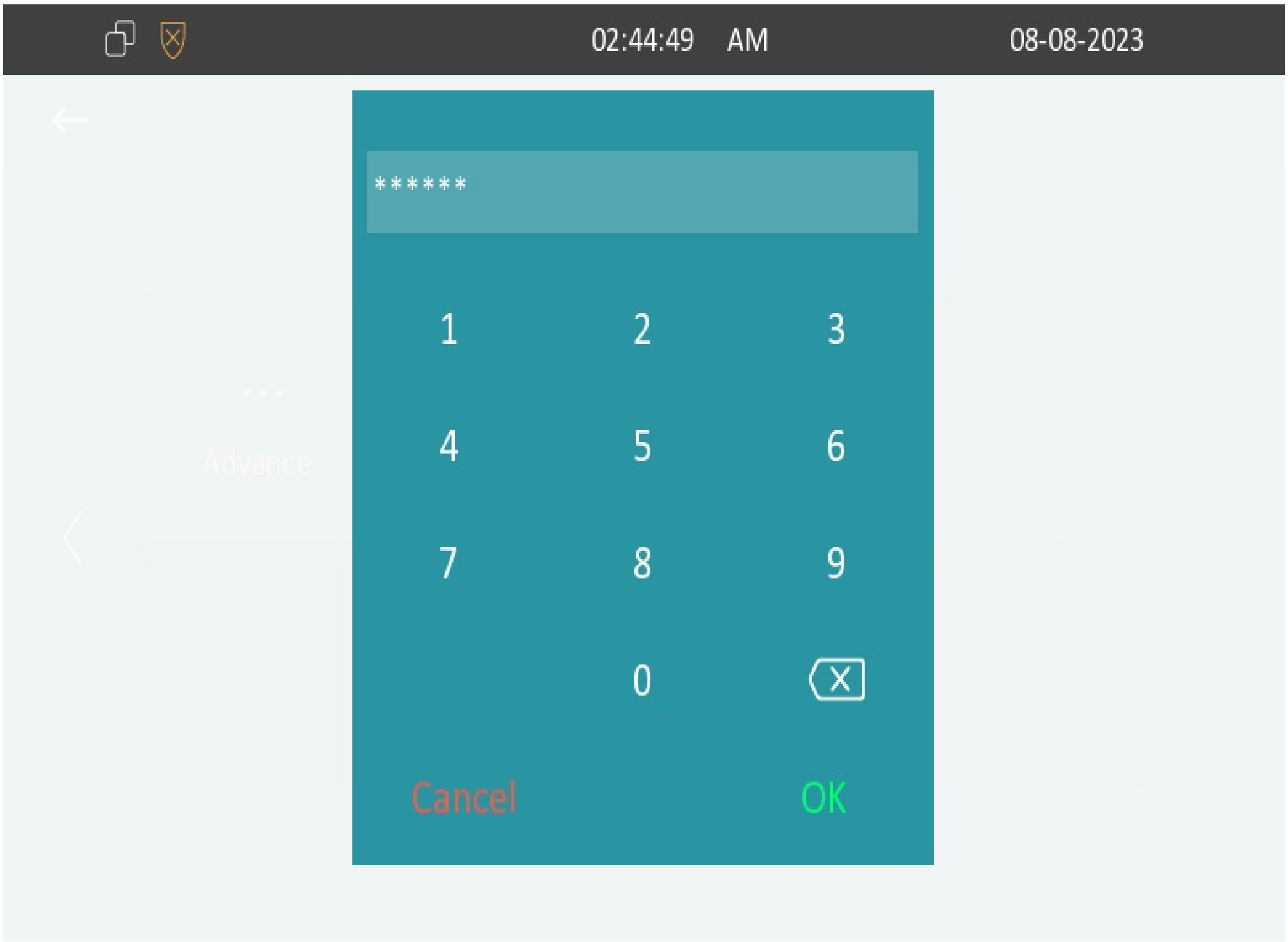
Access Device Basic Settings

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's basic setting by pressing **More > Settings**.



Access Device Advance Settings

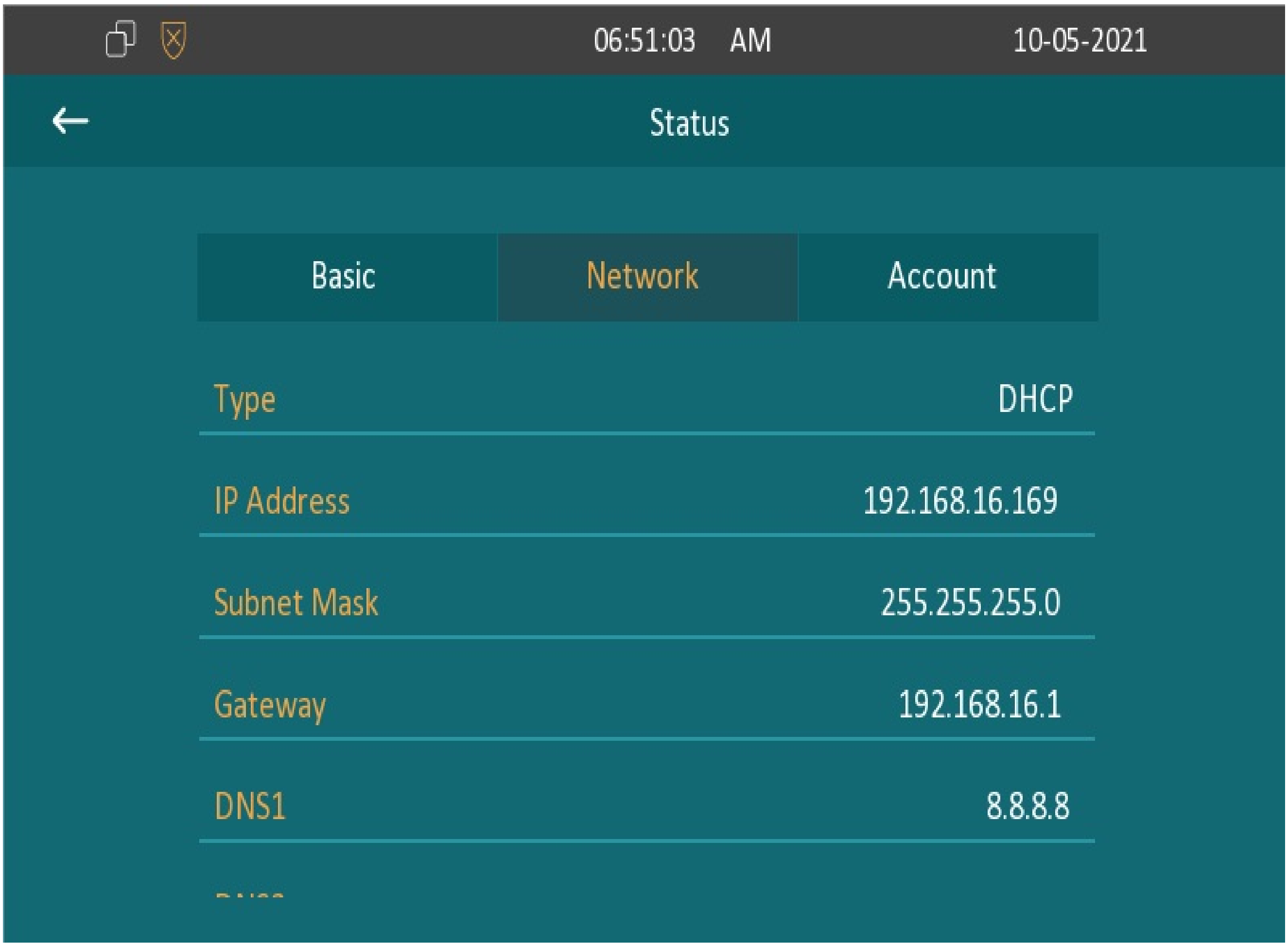
To access the advance settings, press **Settings** then press **Advance Settings** icon. Press password 123456 (by default) to enter the advance setting.



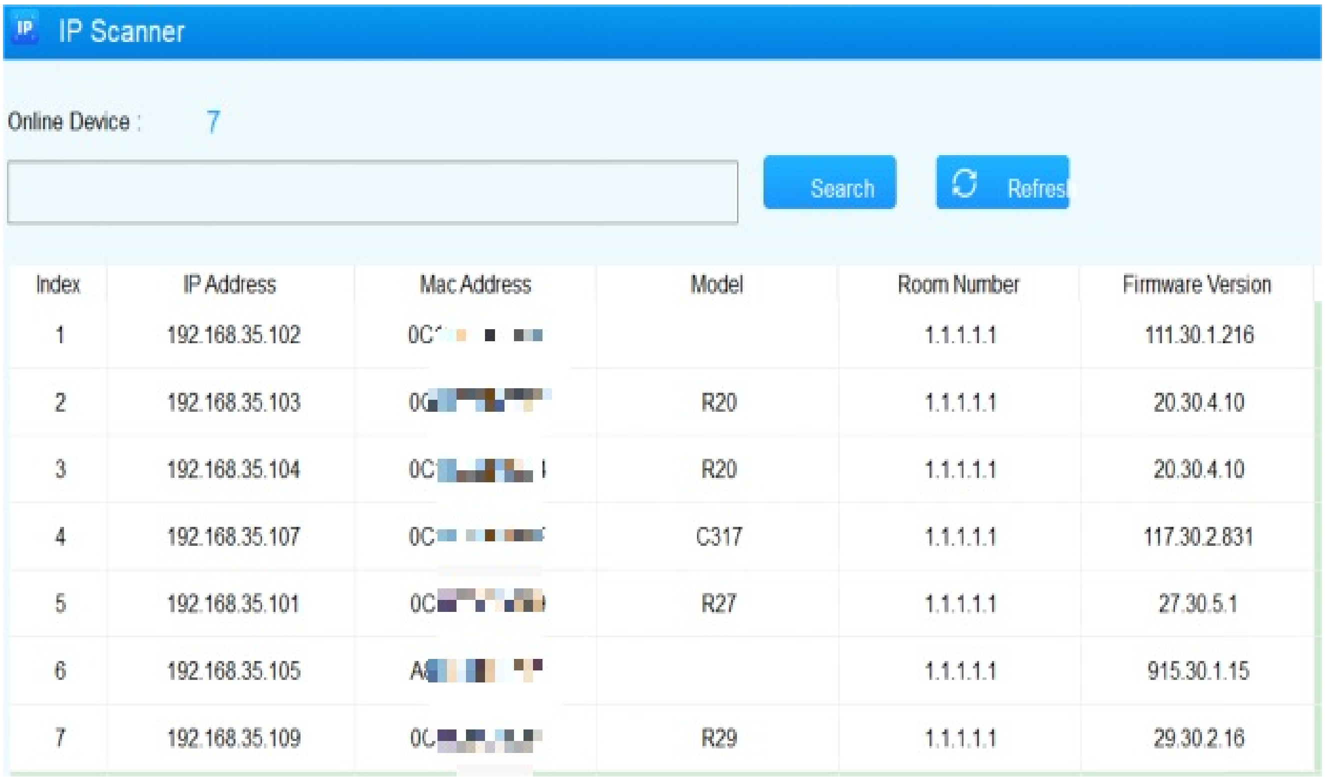
Access the Device Setting on the Web Interface

You can also enter the device IP address on the web browser in order to log in to the device web interface where you can configure and adjust parameters, etc.

You can check device IP on device **Settings** > **Status** > **Network** screen. Or searching by IP scanner tool which in the same LAN with the devices. The default username and password are **admin**.

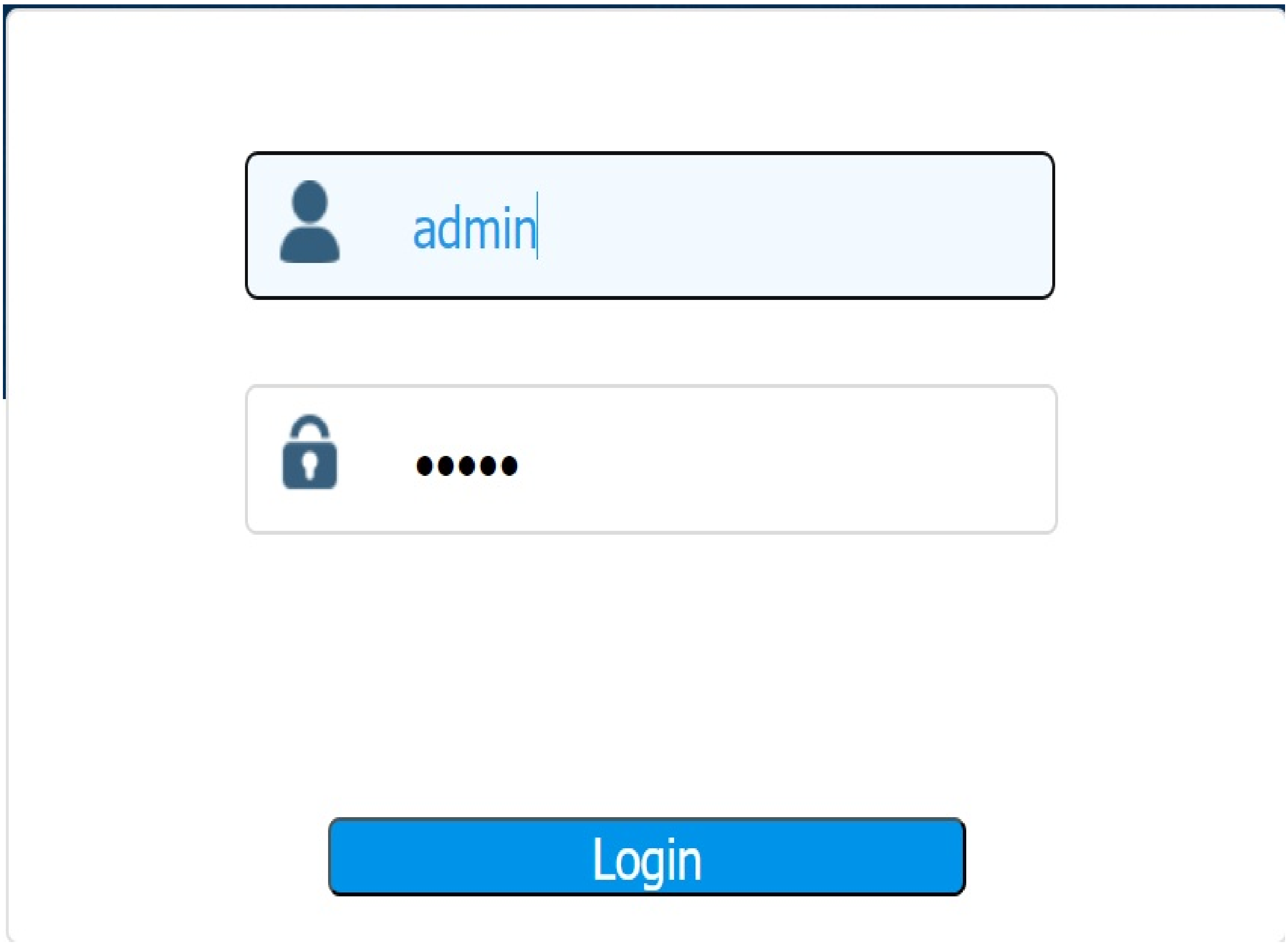


Type	DHCP
IP Address	192.168.16.169
Subnet Mask	255.255.255.0
Gateway	192.168.16.1
DNS1	8.8.8.8



Online Device : 7

Index	IP Address	Mac Address	Model	Room Number	Firmware Version
1	192.168.35.102	[redacted]		1.1.1.1	111.30.1.216
2	192.168.35.103	[redacted]	R20	1.1.1.1	20.30.4.10
3	192.168.35.104	[redacted]	R20	1.1.1.1	20.30.4.10
4	192.168.35.107	[redacted]	C317	1.1.1.1	117.30.2.831
5	192.168.35.101	[redacted]	R27	1.1.1.1	27.30.5.1
6	192.168.35.105	[redacted]		1.1.1.1	915.30.1.15
7	192.168.35.109	[redacted]	R29	1.1.1.1	29.30.2.16


admin

●●●●●

Note

You can also obtain the device IP address using the Akuvox IP scanner to log in to the device web interface.

- Download IP scanner: https://knowledge.akuvox.com/docs/akuvox-ip-scanner?highlight=IP
- See detailed guide: https://knowledge.akuvox.com/v1/docs/en/how-to-obtain-ip-address-via-ip-scanner?highlight=IP%20Scanner
- Google Chrome browser is strongly recommended.
- The initial username and password are **admin** and please be case-sensitive to the user names and passwords entered.

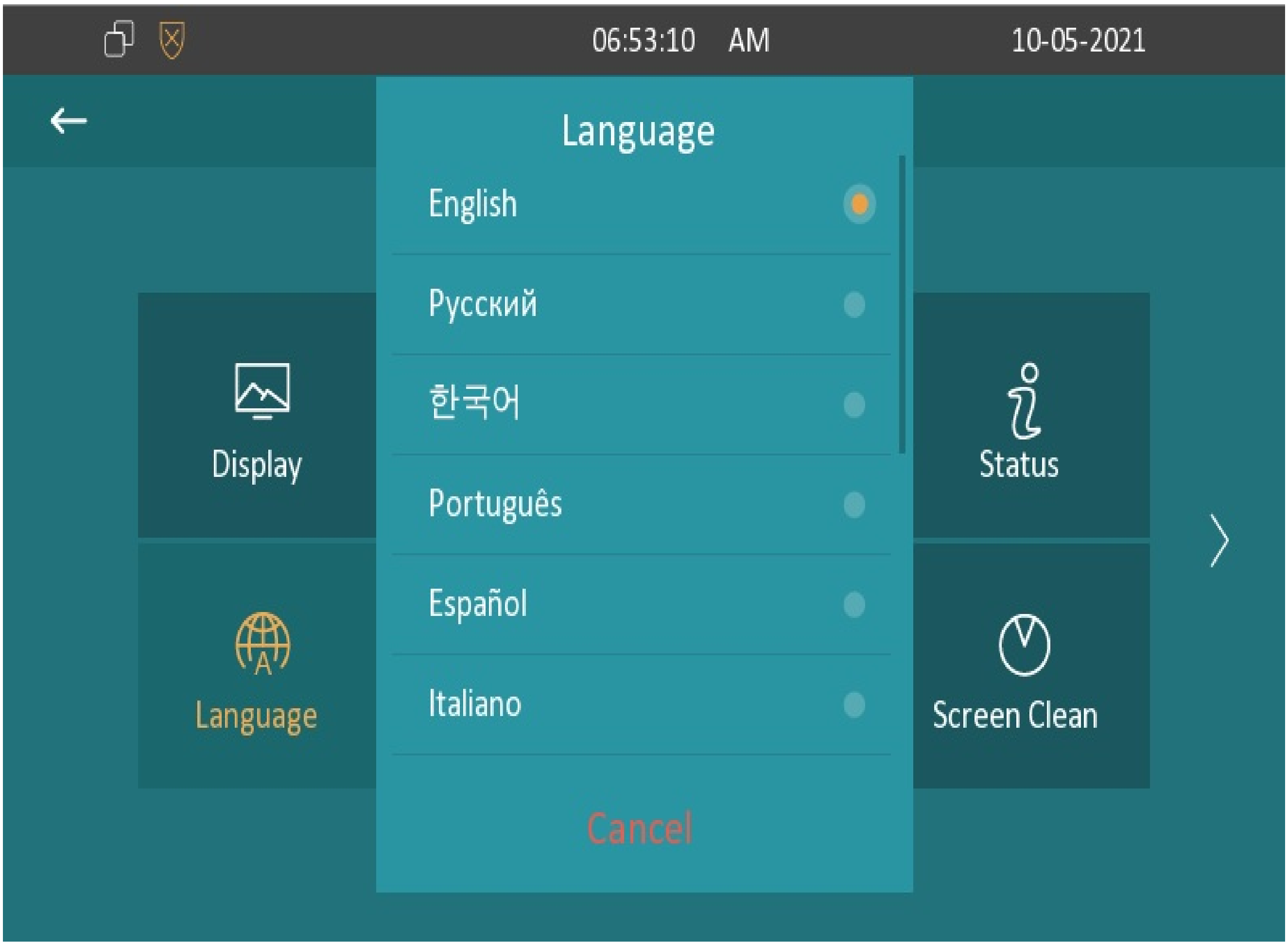
Language and Time Setting

Language Setting

Set up the language during initial device setup or later through the device or web interface according to your preference.

Language Setting on the Device

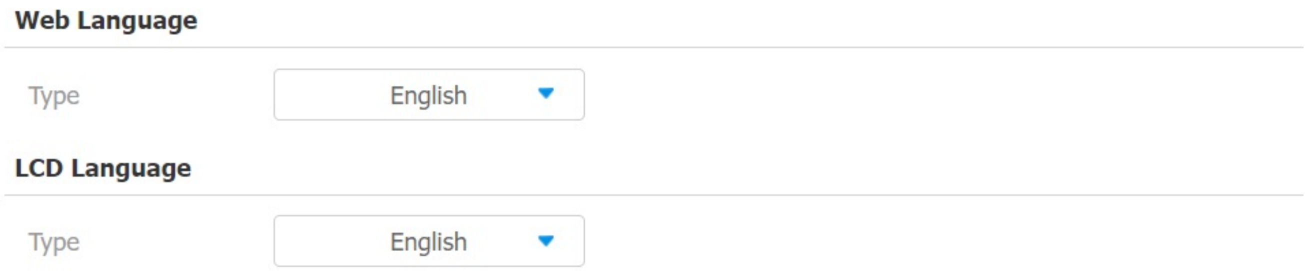
To configure the language display on the device **Setting** > **Language** screen.



Language Setting on the Web Interface

You can select device language and device language icons, and customize interface text including configuration names and prompt text.

Navigate to **Phone** > **Time/Lang** interface.



Web Language

Type: English

LCD Language

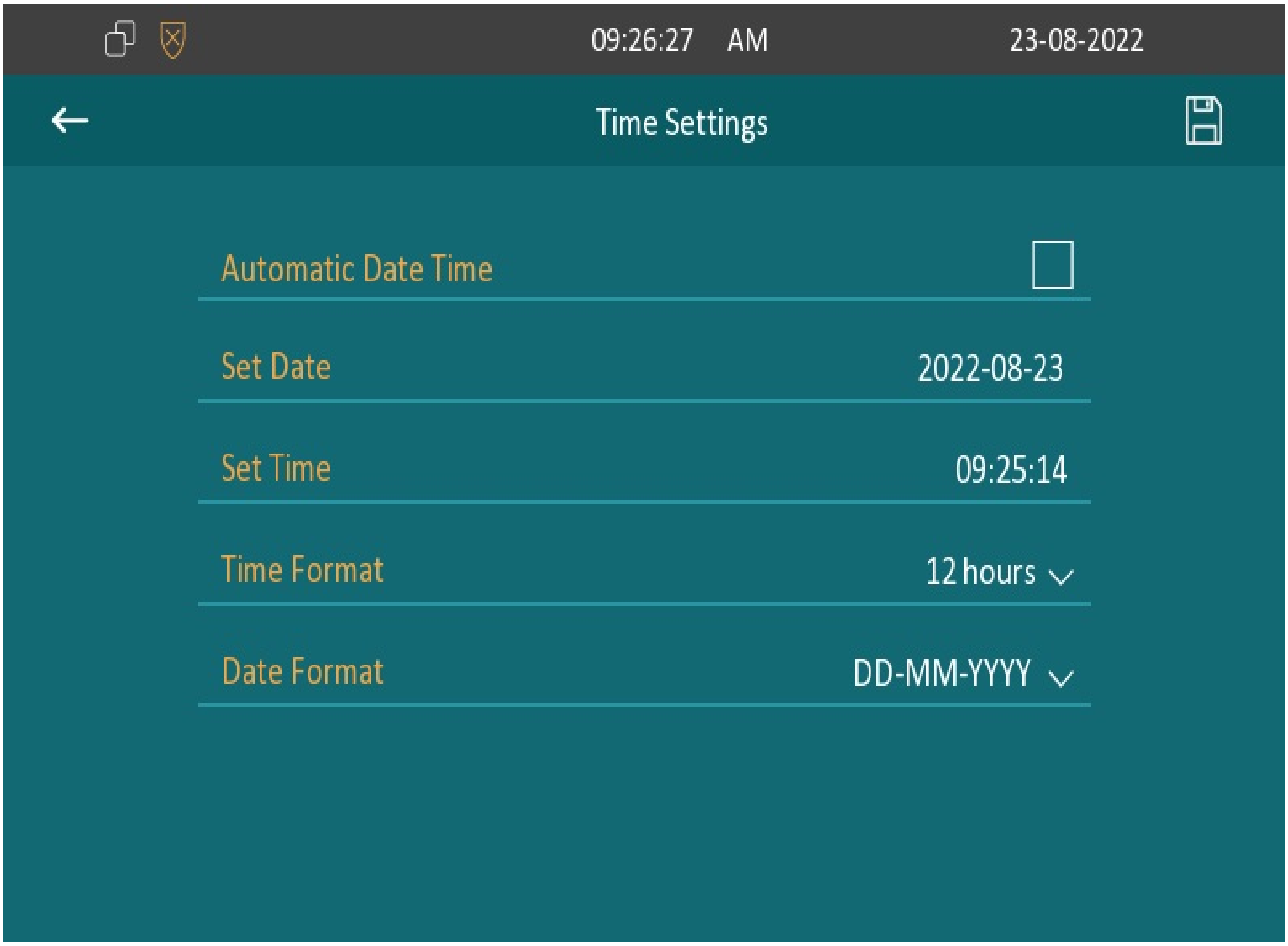
Type: English

Time Setting

Time settings, including time zone, date and time format, and more, can be configured either on the device or the web interface.

Time Setting on the Device

To set up time setting on the device **More** > **Setting** > **Time** screen.



09:26:27 AM 23-08-2022

Time Settings

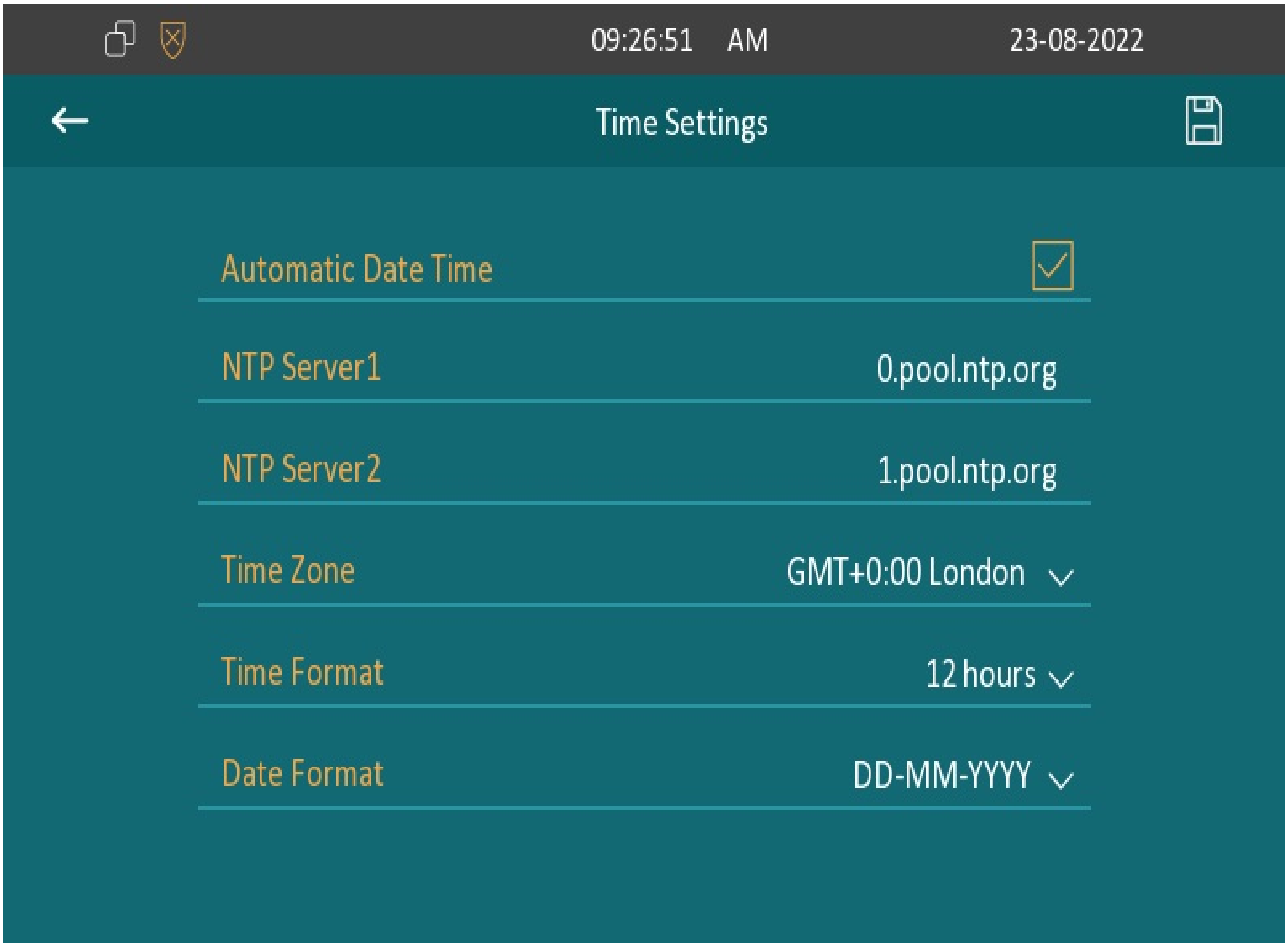
Automatic Date Time □

Set Date: 2022-08-23

Set Time: 09:25:14

Time Format: 12 hours

Date Format: DD-MM-YYYY



09:26:51 AM 23-08-2022

Time Settings

Automatic Date Time ☑

NTP Server1 0.pool.ntp.org

NTP Server2 1.pool.ntp.org

Time Zone GMT+0:00 London

Time Format 12 hours

Date Format DD-MM-YYYY

Parameter Set-up:

- **Automatic Date Time**: NTP-based automatic date time 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 ticking the check box and then entering the time and date you want and pressing the **Save** tab to save the setting.
- **NTP Server1&2**: Enter the NTP server you obtained in the NTP server field.

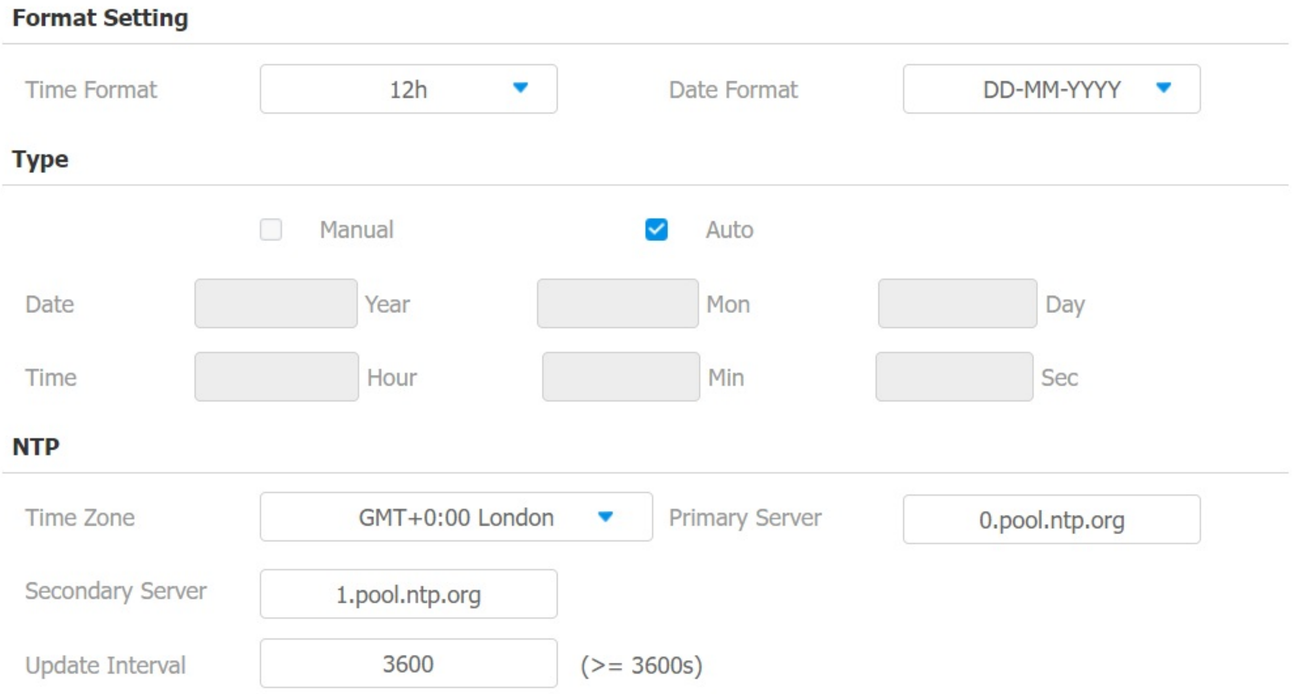
Note

- When the **NTP-based automatic date time** is switched off, then parameters related to the NTP server will become non-editable. And when it is switched on, then time and date will be denied editing.

Time Setting on the Device Web Interface

Time settings on the web interface allows you to set up the NTP server address that you obtained to automatically synchronize your time and date. When a time zone is selected, the device will automatically notify the NTP server of the time zone so that the NTP server can synchronize the time zone setting in your device.

Go to **Phone** > **Time/Lang** interface.



Format Setting

Time Format: 12h ▾ Date Format: DD-MM-YYYY ▾

Type

□ Manual ☑ Auto

Date: Year, Mon, Day

Time: Hour, Min, Sec

NTP

Time Zone: GMT+0:00 London ▾ Primary Server: 0.pool.ntp.org

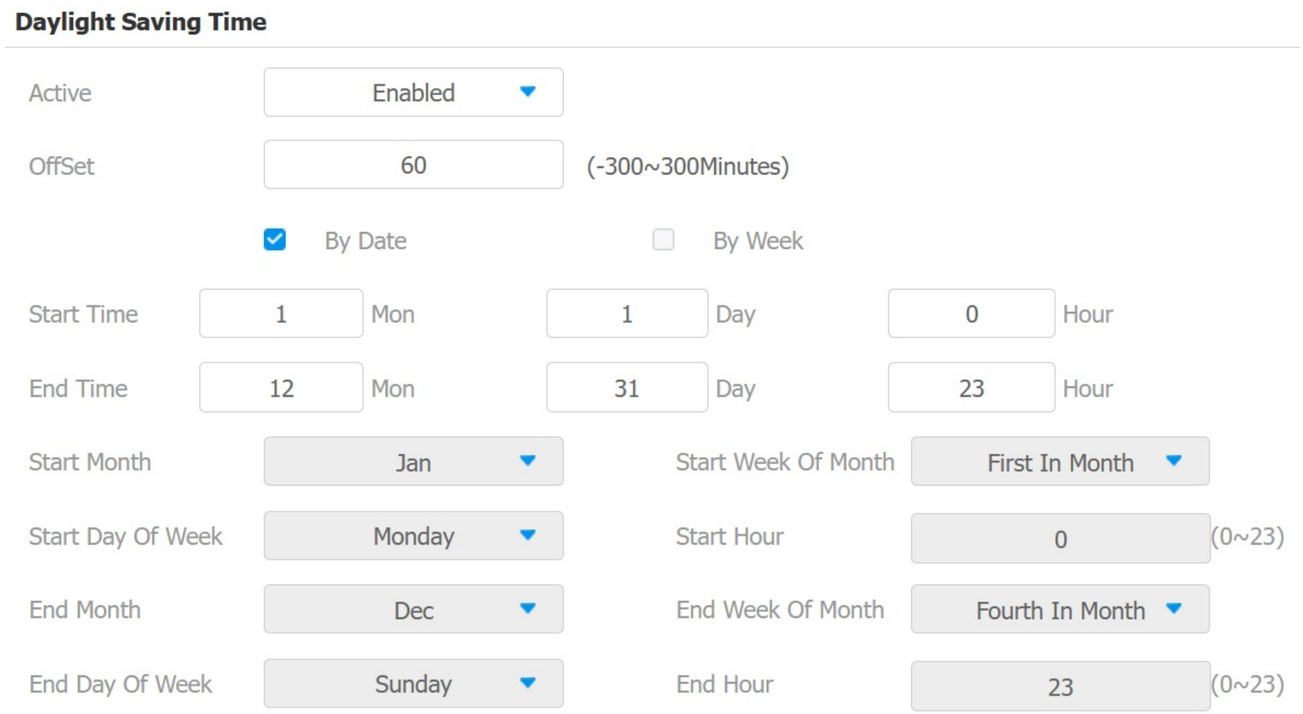
Secondary Server: 1.pool.ntp.org

Update Interval: 3600 (>= 3600s)

Daylight Saving Time Setting

Daylight Saving Time is the practice of advancing clocks (typically by one hour) during warmer months so that darkness falls at a later clock time. You can modify the time parameters to achieve longer evenings or daytime, especially in summer.

Go to **Phone > Time/Lang** interface.



Daylight Saving Time

Active	Enabled ▼					
OffSet	60	(-300~300Minutes)				
	☑ By Date		☐ By Week			
Start Time	1	Mon	1	Day	0	Hour
End Time	12	Mon	31	Day	23	Hour
Start Month	Jan ▼		Start Week Of Month	First In Month ▼		
Start Day Of Week	Monday ▼		Start Hour	0	(0~23)	
End Month	Dec ▼		End Week Of Month	Fourth In Month ▼		
End Day Of Week	Sunday ▼		End Hour	23	(0~23)	

Parameter Set-up:

- **Active**: To enable or disable daylight saving time. You can also configure it to make C313X adjust the daylight saving time automatically.
- **Offset**: To set the offset value, it is 60 minutes as default, setting the clocks an hour ahead of the standard time.
- **By Date**: To set the date schedule for daylight saving time.
- **By Week**: To set the schedule for daylight saving time according to the week and month.

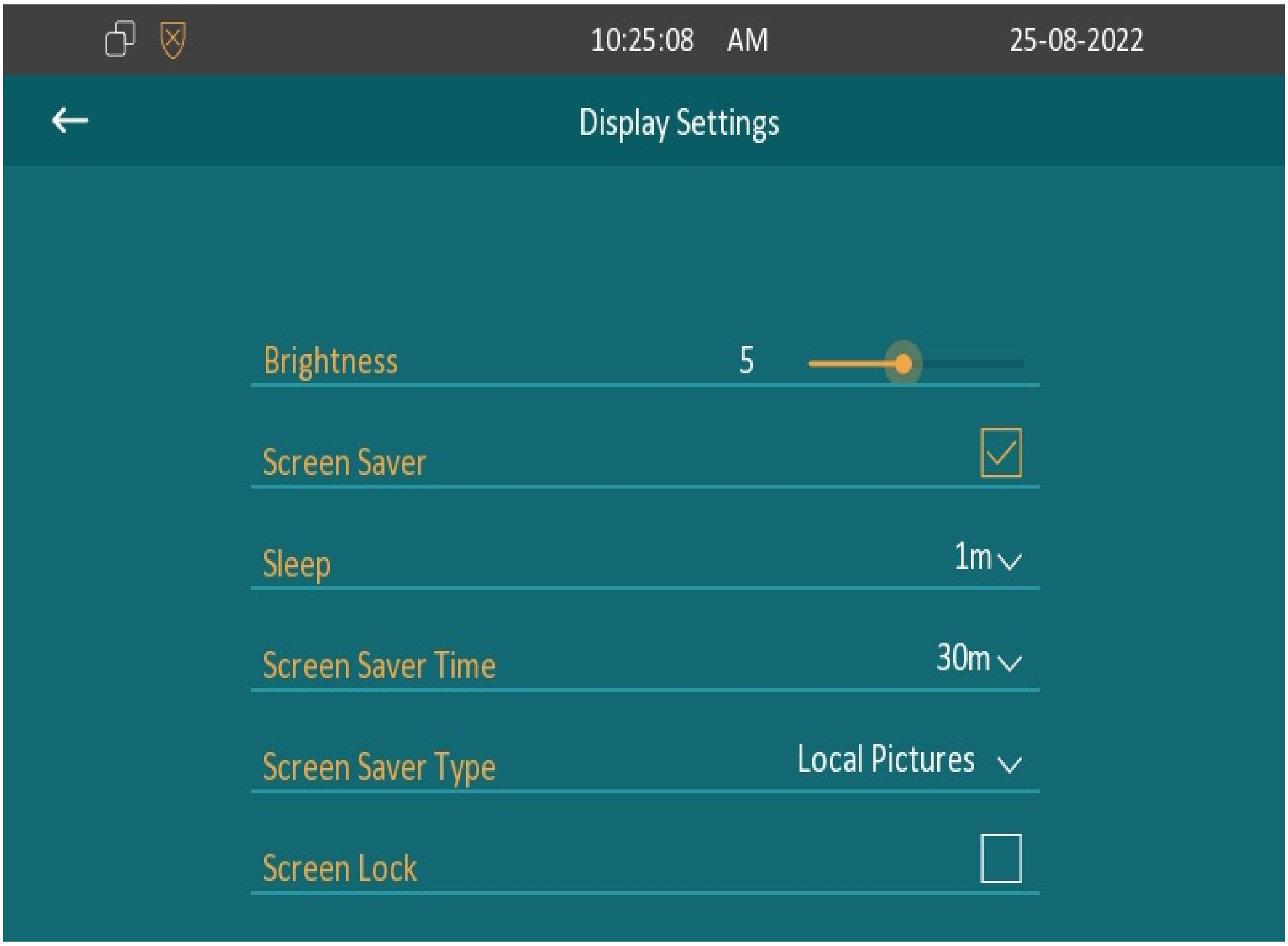
Screen Display Configuration

You can set up the device's screen display features such as screensaver to give users a better visual and operational experience.

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.

Go to **More** > **Setting** > **Display** screen.



10:25:08 AM 25-08-2022

Display Settings

Brightness 5

Screen Saver ☑

Sleep 1m

Screen Saver Time 30m

Screen Saver Type Local Pictures

Screen Lock □

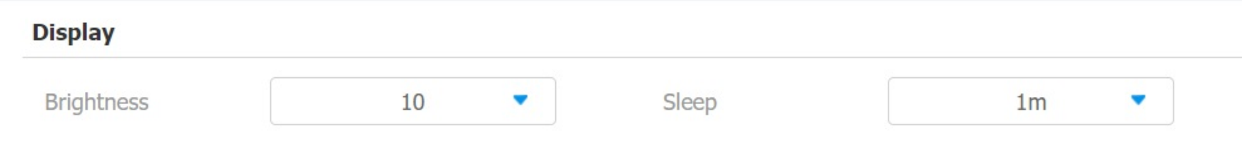
Parameter Set-up:

- **Brightness**: Press on the brightness setting and move the yellow dots to adjust the screen brightness. The default brightness is 5.

- **Sleep**: 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.

Configure on the Web

You can also set the Brightness and Sleep on the web interface. Go to **Phone > Key/Display > Display.**



Display

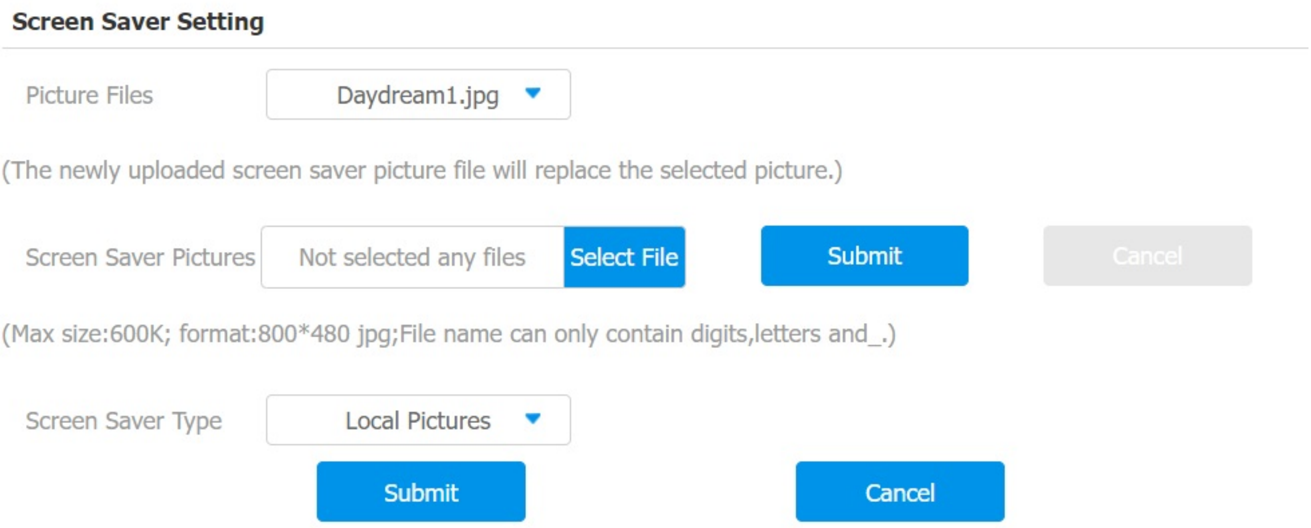
Brightness: 10 ▼ Sleep: 1m ▼

- **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 Time**: Set the screen saver duration (15min -2 hours).
- **Screen Saver Type**: Select screen saver type from **Local Pictures** and **Clock.** Details for the screen saver types are shown below:
    - **Local Pictures**: Display picture uploaded to the indoor monitor as the screen saver.
    - **Clock**: Display the clock as the screen saver.

Screen Display Setting on the Web Interface

Screen Saver Configuration

You can upload screen saver pictures to the device for a public purpose or for a greater visual experience. Upload screen saver on device web interface **Phone >Display Setting > Screen Saver Setting**.



Screen Saver Setting

Picture Files: Daydream1.jpg

(The newly uploaded screen saver picture file will replace the selected picture.)

Screen Saver Pictures: Not selected any files

(Max size:600K; format:800*480 jpg;File name can only contain digits,letters and_.)

Screen Saver Type: Local Pictures

Parameter Set-up:

- **Picture File**: Choose a picture file you want to use for the screen saver.
- **Screen Saver Pictures**: Choose a picture from the PC and upload the picture to the indoor monitor.
- **Screen Saver Type**:Select screen saver type from **Local Pictures** and **Clock**. Details for the screen saver types are shown below:
    - **Local Pictures**: Display picture uploaded to the indoor monitor as the screen saver.
    - **Clock**: Display the clock as the screen saver.

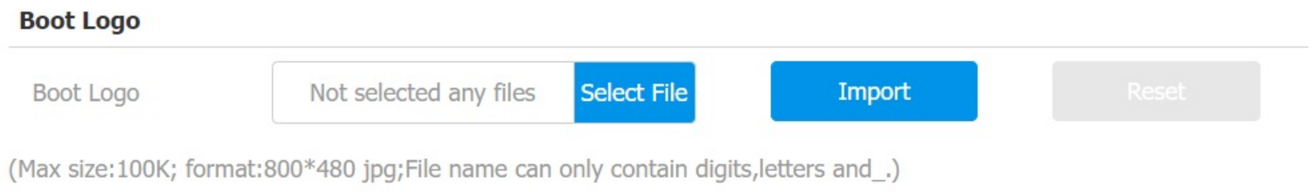
Note

- The previous pictures with a specific ID order will be overwritten when repetitive designation of pictures to the same ID order occurred.
- The pictures uploaded should be in **.jpg format** with 600k maximum.

Upload Device Booting Image

You can upload the booting image to be displayed during the device’s booting process if needed.

Go to **Phone** > **Logo** > **Boot Log** interface.



Boot Logo

Boot Logo: Not selected any files

(Max size:100K; format:800*480 jpg;File name can only contain digits,letters and_.)

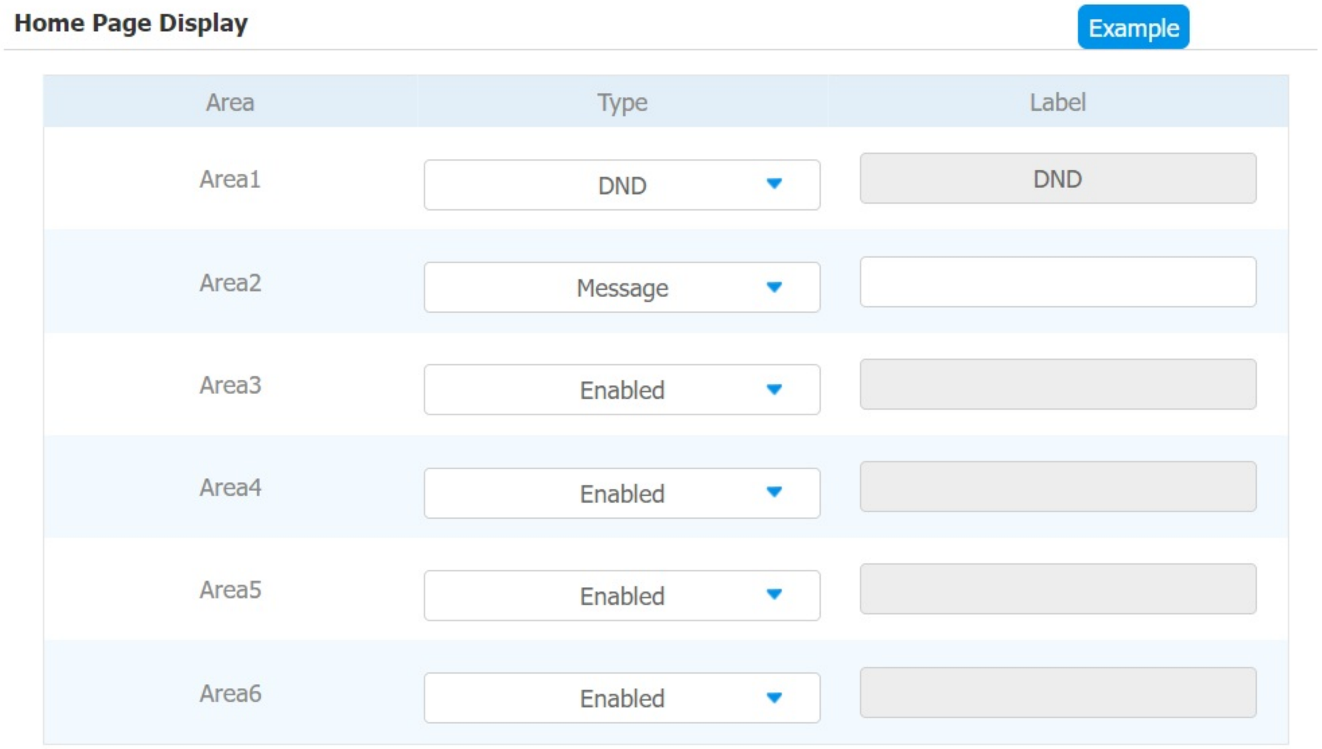
Note

The pictures uploaded should be in **.png format** with 50k maximum.

Icon Screen Display Configuration

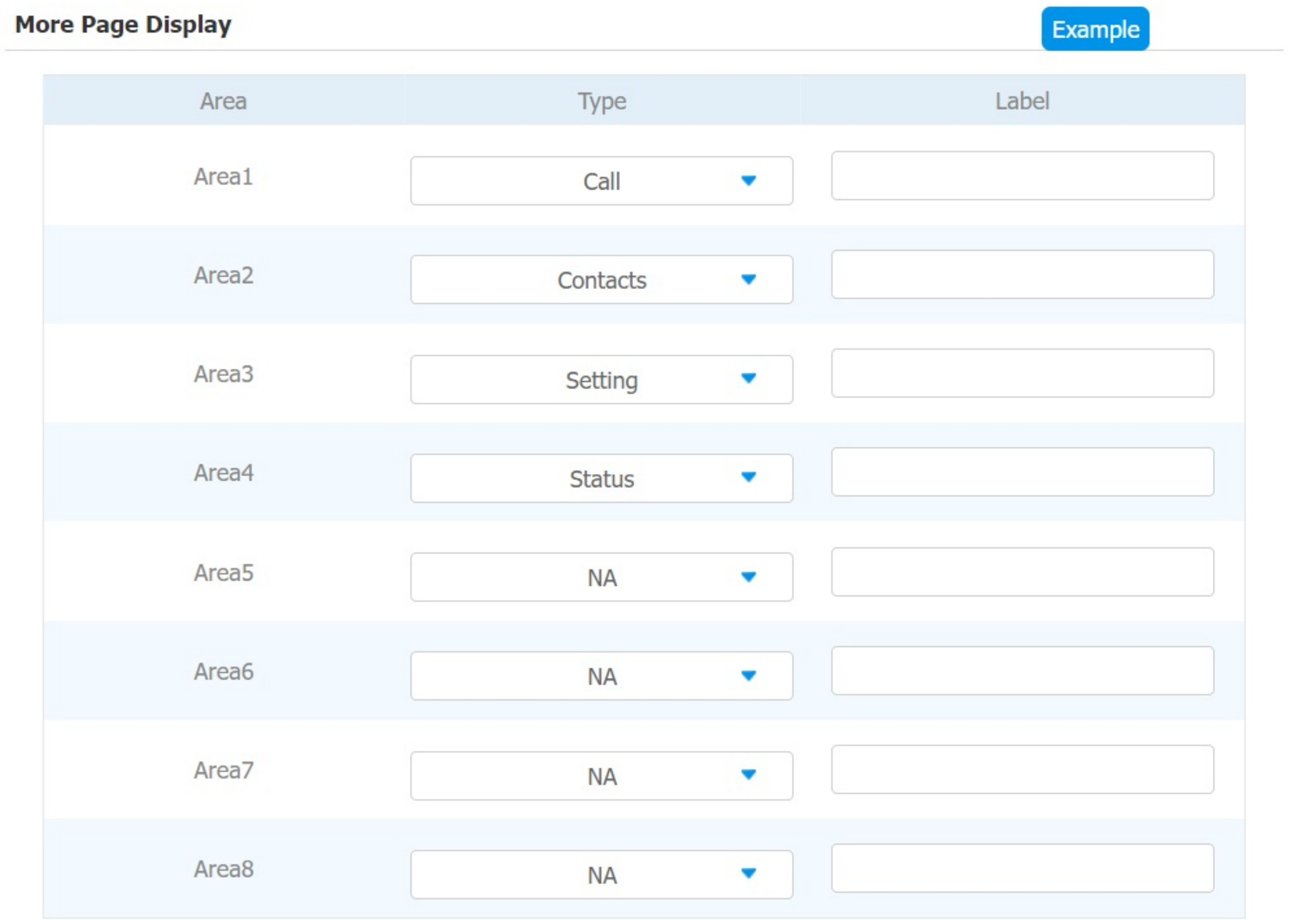
Akuvox indoor monitor allows you to customize icon display on the **Home** screen and **More** screen for the convenience of your operation on the device web.

Navigate to **Phone** > **Key/Display** interface.



Home Page Display

Area	Type	Label
Area1	DND	DND
Area2	Message	
Area3	Enabled	
Area4	Enabled	
Area5	Enabled	
Area6	Enabled	



More Page Display

Example

Area	Type	Label
Area1	Call ▼	
Area2	Contacts ▼	
Area3	Setting ▼	
Area4	Status ▼	
Area5	NA ▼	
Area6	NA ▼	
Area7	NA ▼	
Area8	NA ▼	

Parameter Set-up:

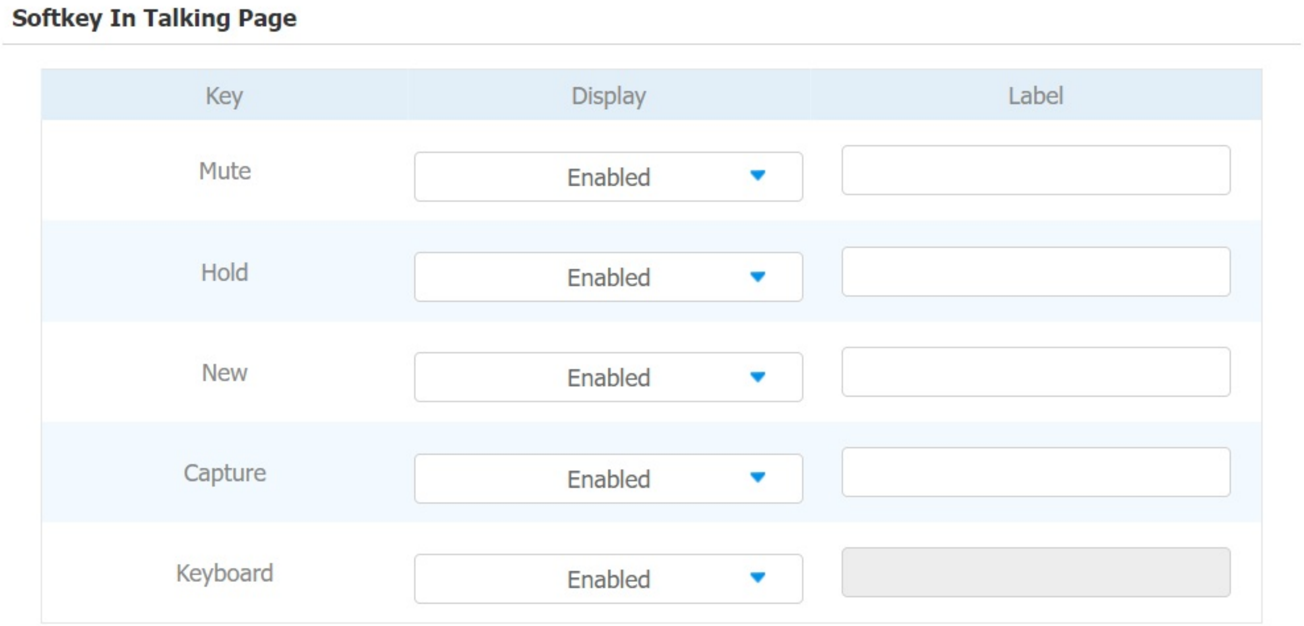
- **Type**: click to select among icon options (**DND, Message, Contact, Call, Display, Status, Setting, Sound, Arming, SOS, Relay, Lift, Smart Living, Unlock, N/A**). When **N/A** is selected, the icon displayed in the corresponding area will disappear.
- **Label**: click to rename the icon if needed, while DND icon can not be renamed.

Note

- You can configure 2 icons in area 1 and 2, or toggle whether to display area 3, 4, 5 and 6.
- You can configure 8 icons on the **More** screen.

Functional Buttons Display

You can enable various types of functional buttons, which appear on the screen when you are talking. You can also name the button if needed. To set it up, go to **Phone > Key/Display > Softkey In Talking Page**.



Softkey In Talking Page

Key	Display	Label
Mute	Enabled ▼	
Hold	Enabled ▼	
New	Enabled ▼	
Capture	Enabled ▼	
Keyboard	Enabled ▼	

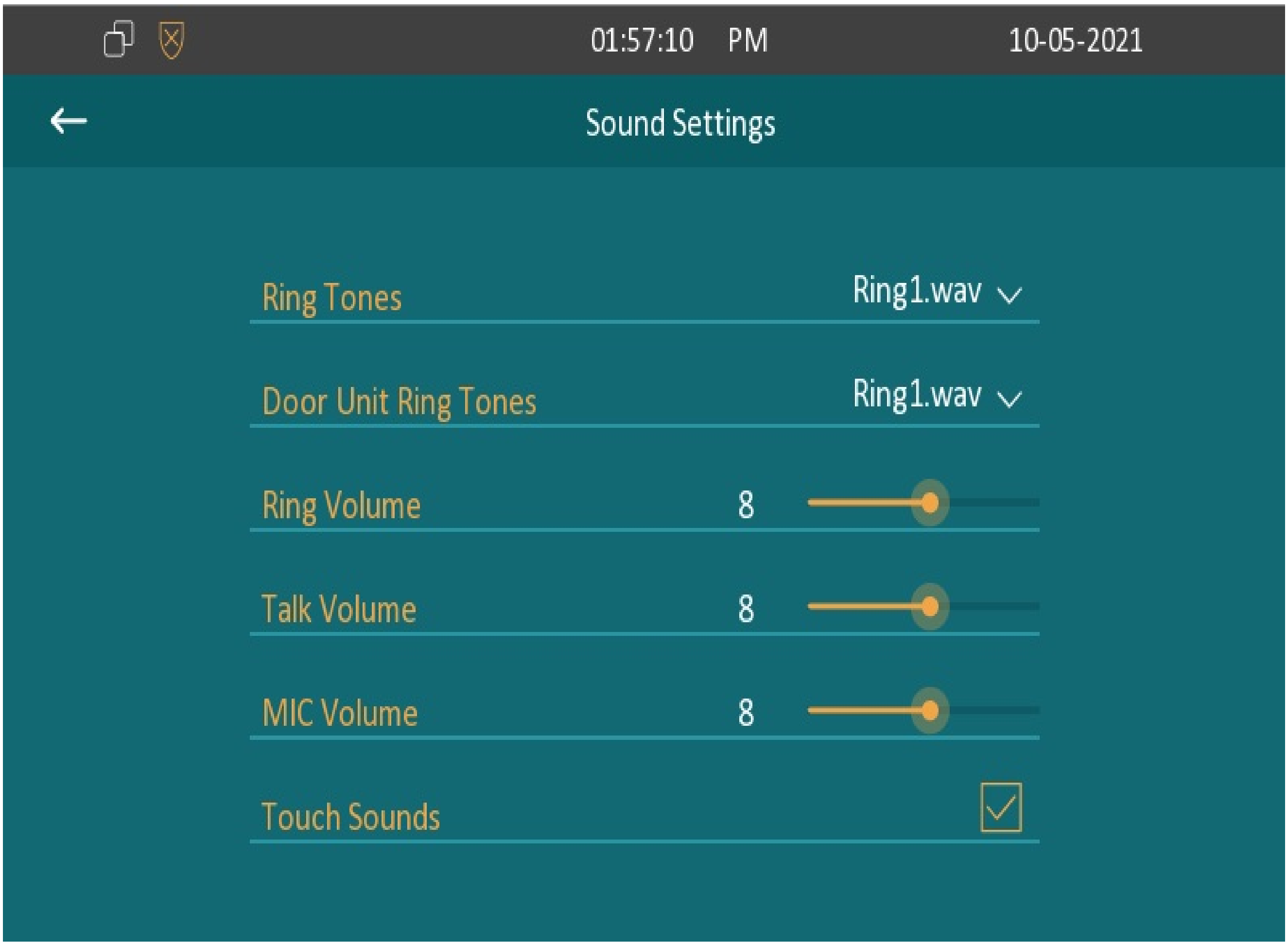
Sound and Volume Configuration

Akuvox indoor monitor provides you with various types of ringtones and volume configurations. You can configure them on the device directly or on the web interface.

Volume Configuration

Configure Volume on the Device

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



01:57:10 PM 10-05-2021

← Sound Settings

Ring Tones: Ring1.wav

Door Unit Ring Tones: Ring1.wav

Ring Volume: 8

Talk Volume: 8

MIC Volume: 8

Touch Sounds: ☑

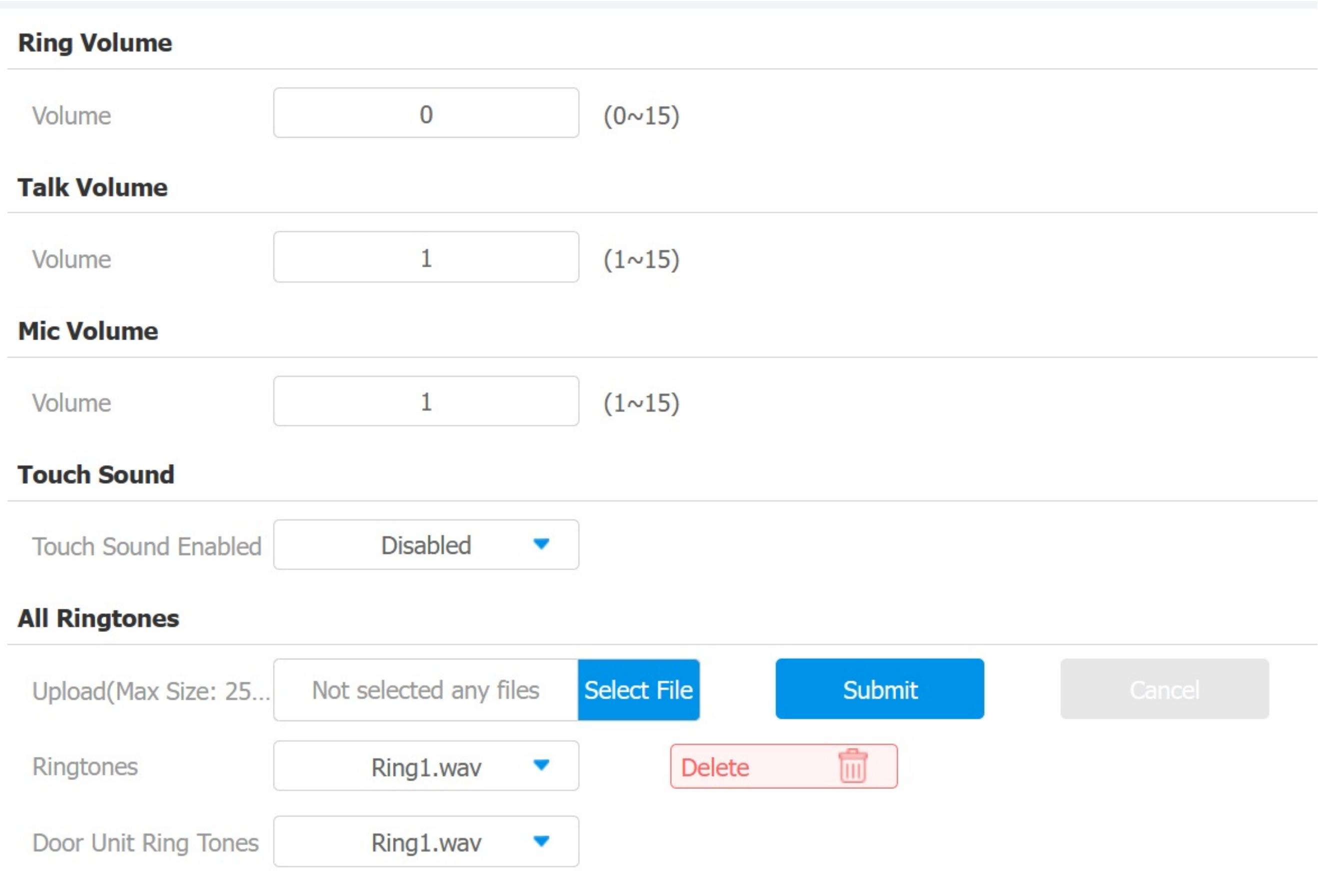
Parameter Set-up:

- **Door Unit Ring Tones**: To set ring tone when receiving calls from Akuvox door units.

Configure Volume on the Web Interface

On the web interface, you can set the ring volume, mic volume, etc. You can also upload ringtones.

Go to **Phone** > **Audio** interface.



Ring Volume

Volume: 0 (0~15)

Talk Volume

Volume: 1 (1~15)

Mic Volume

Volume: 1 (1~15)

Touch Sound

Touch Sound Enabled: Disabled

All Ringtones

Upload(Max Size: 25...: Not selected any files

Ringtones: Ring1.wav

Door Unit Ring Tones: Ring1.wav

Parameter Set-up:

- **Door Unit Ring Tones**: To set ring tone when receiving calls from Akuvox door units.

Note

- Doorbell sound files to be uploaded must be in **.WAV/PCMU** format with 250K maximum.
- Sampling Rate: 8000hz; Playback Rate: 64kbps; Bit Rate: 64kbps.

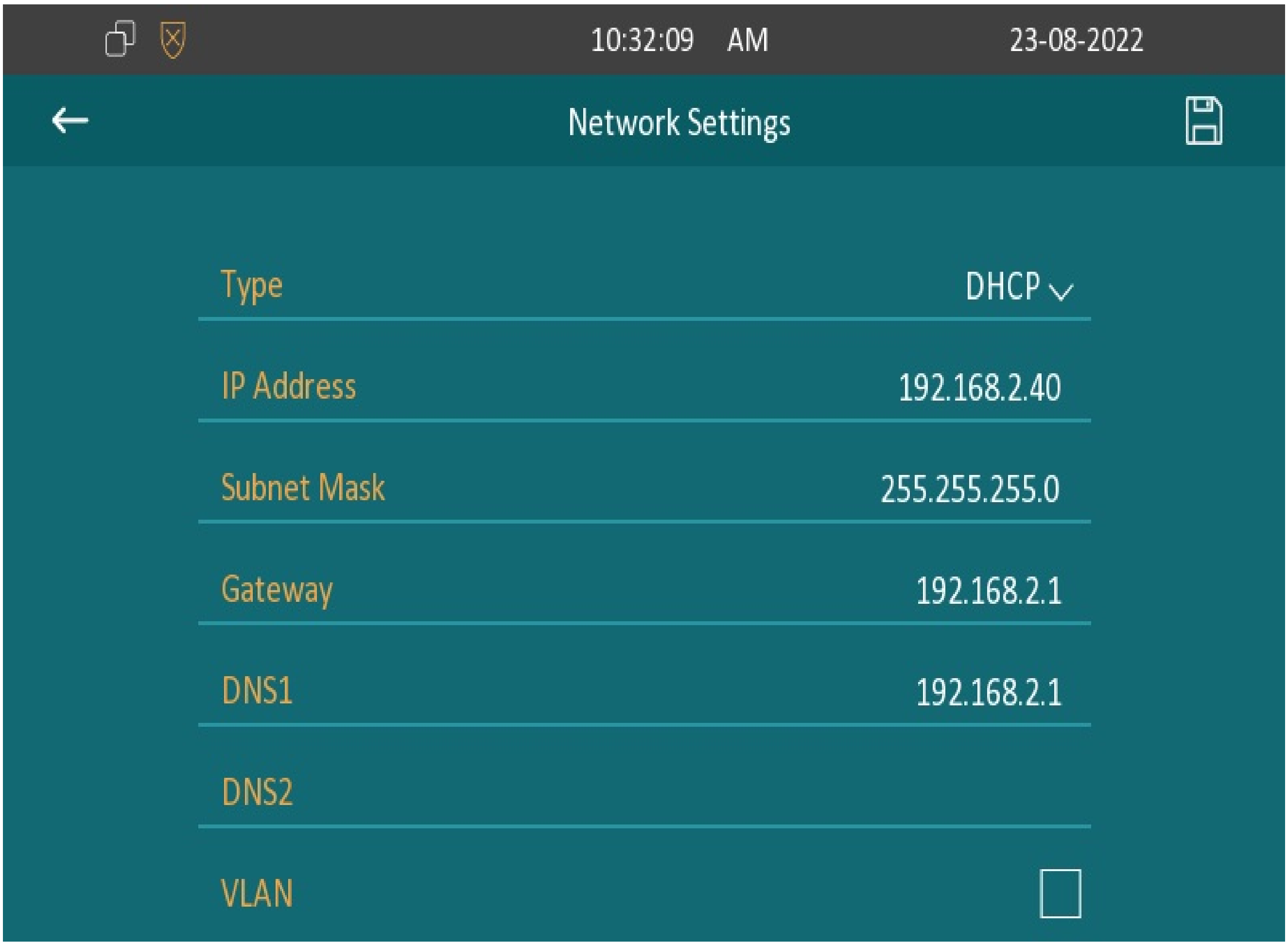
Network Setting

Device Network Configuration

To ensure normal functioning, make sure that the device has its IP address set correctly or obtained automatically from the DHCP server.

Configuring Network Connection on the Device

To check and configure the network connection on the device screen **More** > **Setting** > **Advance** > **Network**.



Type DHCP

IP Address 192.168.2.40

Subnet Mask 255.255.255.0

Gateway 192.168.2.1

DNS1 192.168.2.1

DNS2

VLAN □

Parameter Set-up:

- **Type**: Select the **DHCP** mode or **Static** mode. **DHCP** mode is the default network connection. 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. When **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.

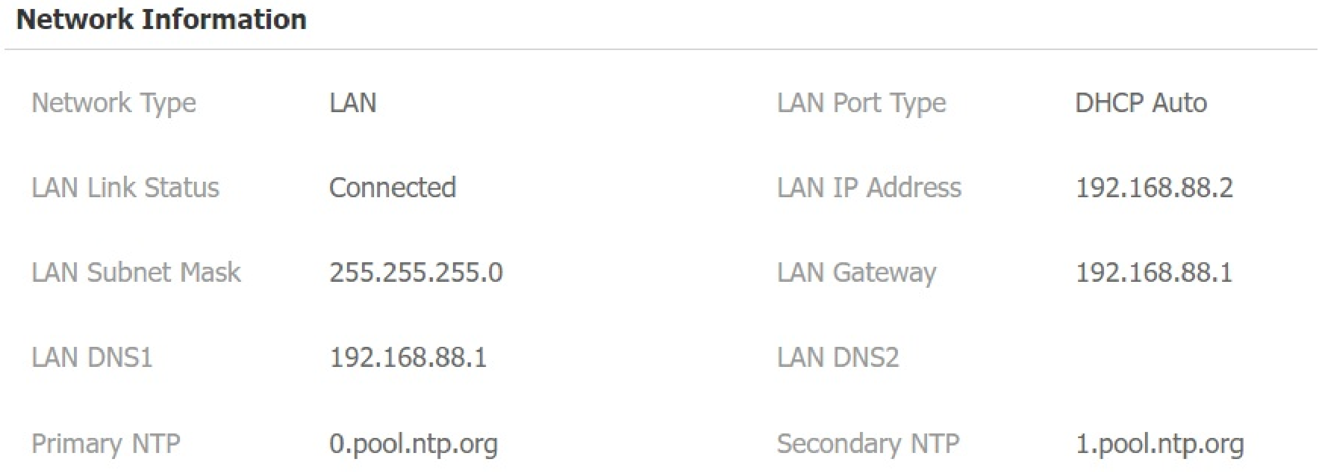
- **IP Address**: Set up the IP Address if the **Static IP** mode is selected.
- **Subnet Mask**: Set up the subnet mask according to your actual network environment.
- **Gateway**: Set up the gateway according to the IP address.
- **LAN DNS 1/2**: Set up preferred or alternate DNS Server (**Domain Name 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 indoor monitor will connect to the alternate server when the primary DNS server is unavailable.

Note

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

Configuring Device Network Connection on the Web Interface

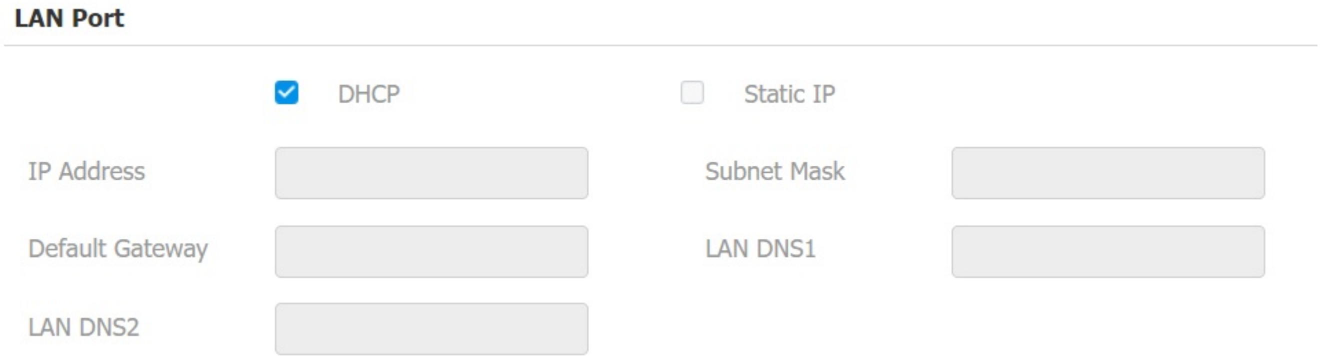
To check the network on the web **Status** > **Network Information** interface.



Network Information

Network Type	LAN	LAN Port Type	DHCP Auto
LAN Link Status	Connected	LAN IP Address	192.168.88.2
LAN Subnet Mask	255.255.255.0	LAN Gateway	192.168.88.1
LAN DNS1	192.168.88.1	LAN DNS2	
Primary NTP	0.pool.ntp.org	Secondary NTP	1.pool.ntp.org

To configure network connection on the device web **Network > Basic** interface.



LAN Port

☑ DHCP □ Static IP

IP Address

Subnet Mask

Default Gateway

LAN DNS1

LAN DNS2

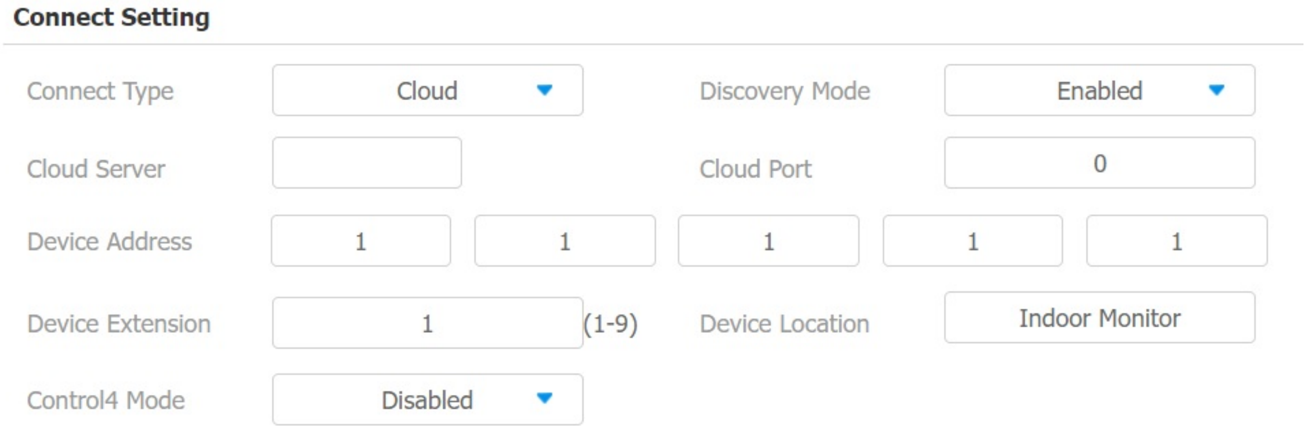
Parameter Set-up:

- **DHCP**: Select the **DHCP** mode by checking the DHCP box. **DHCP** mode is the default network connection. 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 servers address automatically.
- **Static IP**: When **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 gateway according to the IP address.
- **LAN DNS1/2 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.

Device Deployment in Network

To facilitate device control and management, configure Akuvox intercom devices with details such as location, operation mode, address, and extension numbers.

To deploy the device in the network on web **Network** > **Advanced** > **Connect Setting** interface.



Connect Setting

Connect Type	Cloud ▼	Discovery Mode	Enabled ▼
Cloud Server		Cloud Port	0
Device Address	1 1 1 1 1		
Device Extension	1 (1-9)	Device Location	Indoor Monitor
Control4 Mode	Disabled ▼		

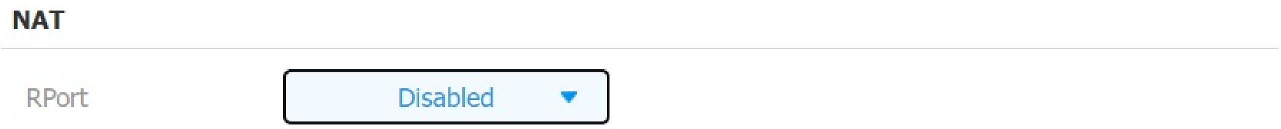
Parameter Set-up:

- **Connect Type**: 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.
- **Cloud Server**: If you deploy your devices in a local cloud server, enter the local server RPS address. Device data will redirect to the local server automatically.
- **Cloud Port**: Enter the local cloud server port for the data transmission.
- **Discovery Mode**: Turn on the discovery mode of the device so that it can be discovered by other devices in the network, and disable it if you want to conceal the device so as not to be discovered by other devices.
- **Device Address**: 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 to distinguish the device from others.

Device NAT Setting

Network Address Translation(**NAT**) lets devices on a private network use a single public IP address to access the internet or other public networks. NAT saves the limited public IP addresses, and hides the internal IP addresses and ports from the outside world.

To set up NAT, you can do it on web **Account** > **Advanced** > **NAT** interface.



NAT

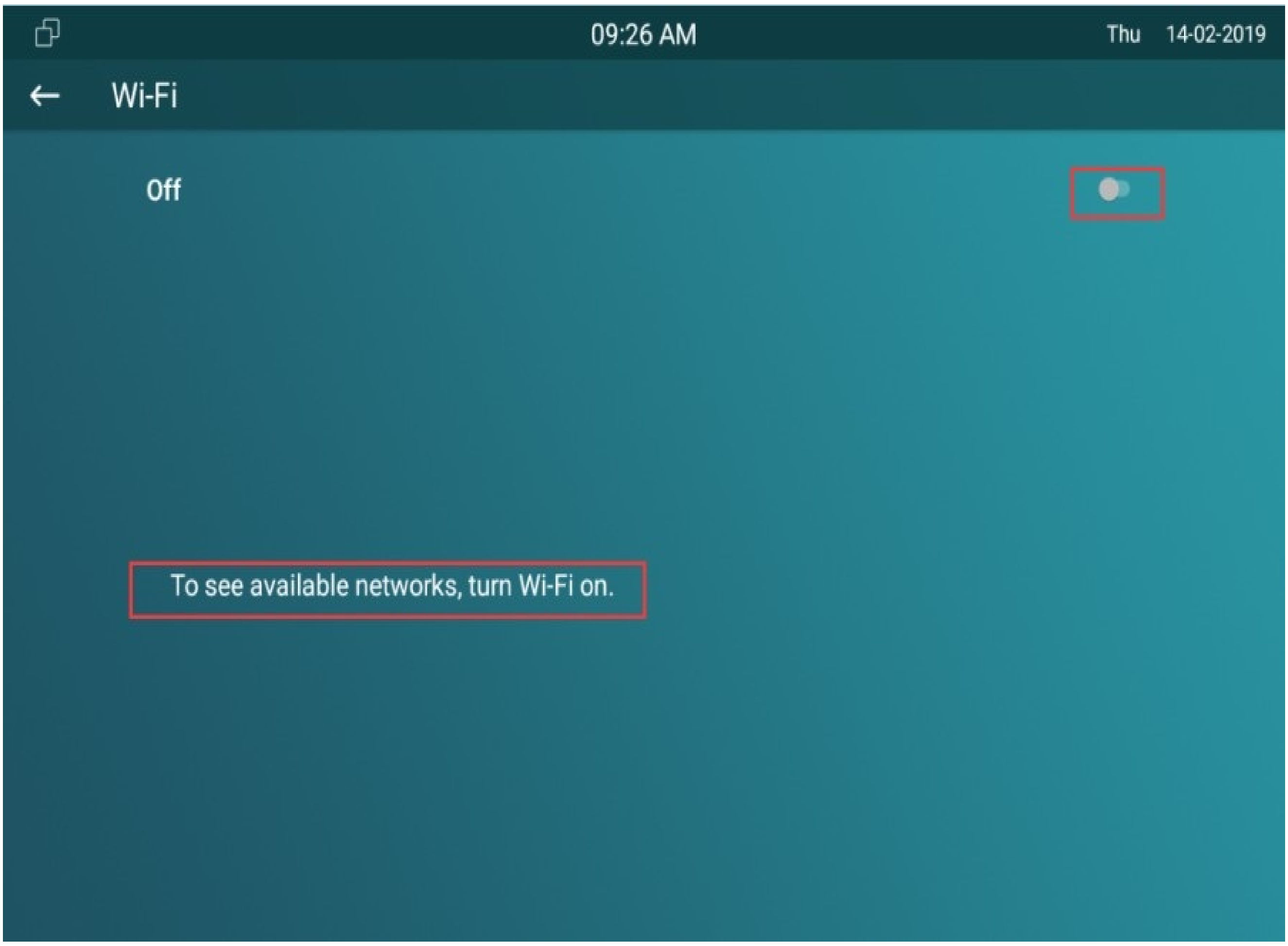
RPort: Disabled

Parameter Set-up:

- **RPort**: Check the RPort when the SIP server is in WAN (**Wide Area Network**).

Device Wi-Fi Setting

You can set the Wi-Fi on the device screen **More** > **Setting** > **Advance** > **Network**.



09:26 AM Thu 14-02-2019

Wi-Fi

Off

To see available networks, turn Wi-Fi on.

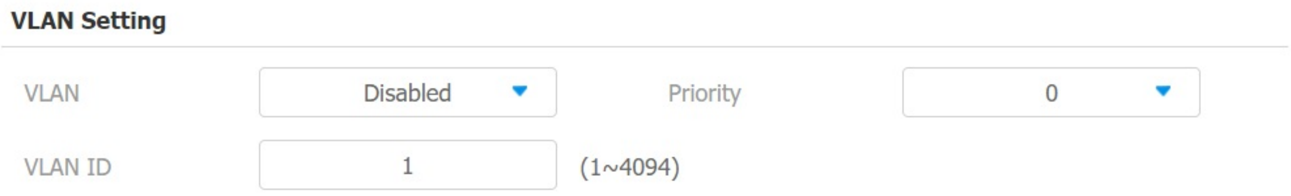
Note

- Only C313W supports Wi-Fi connection.

VLAN Setting

A Virtual Local Area Network (VLAN) is a logical group of nodes from the same IP domain, regardless of their physical network segment. It separates the layer 2 broadcast domain via switches or routers, sending tagged packets only to ports with matching VLAN IDs. Utilizing VLANs enhances security by limiting ARP attacks to specific hosts and improves network performance by minimizing unnecessary broadcast frames, thereby conserving bandwidth for increased efficiency.

To configure the VLAN function on the device web interface **Network > Advanced > VLAN Setting.**



VLAN Setting

VLAN: Disabled

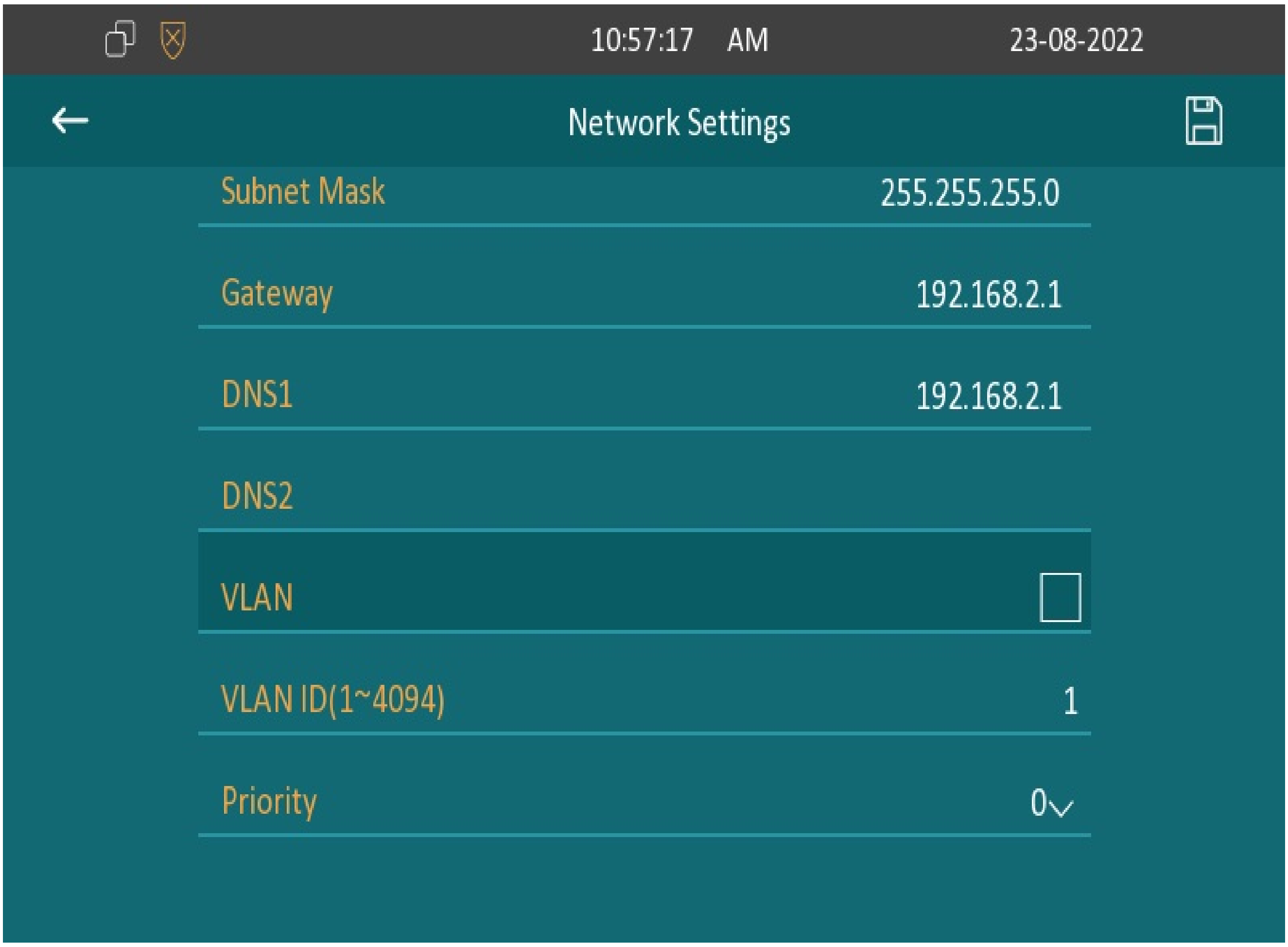
Priority: 0

VLAN ID: 1 (1~4094)

Parameter Set-up:

- **Priority**: VLAN Priority lets you assign a priority to outbound packets containing the specified VLAN-ID (VID). Packets containing the specified VID are marked with the priority level configured for the VID classifier.
- **VLAN ID**: Set the same VLAN ID as switch or router.

You can also configure it on the device. You can go to **More > Setting > Advance > Network.**



10:57:17 AM 23-08-2022

Network Settings

Subnet Mask	255.255.255.0
Gateway	192.168.2.1
DNS1	192.168.2.1
DNS2	
VLAN	□
VLAN ID(1~4094)	1
Priority	0

Phone Book Configuration

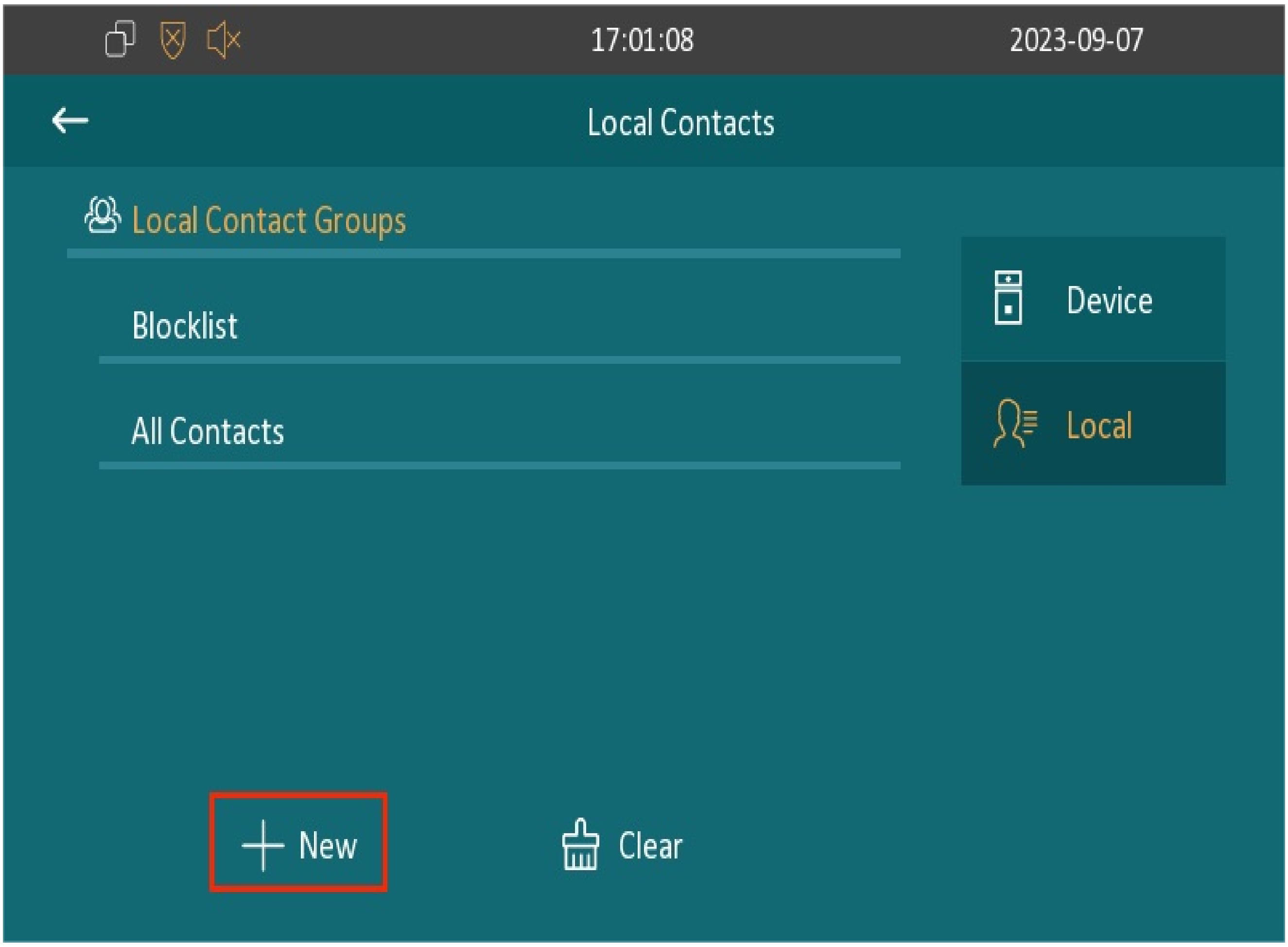
Phone Book Configuration on the Device

You can create contact groups for users.

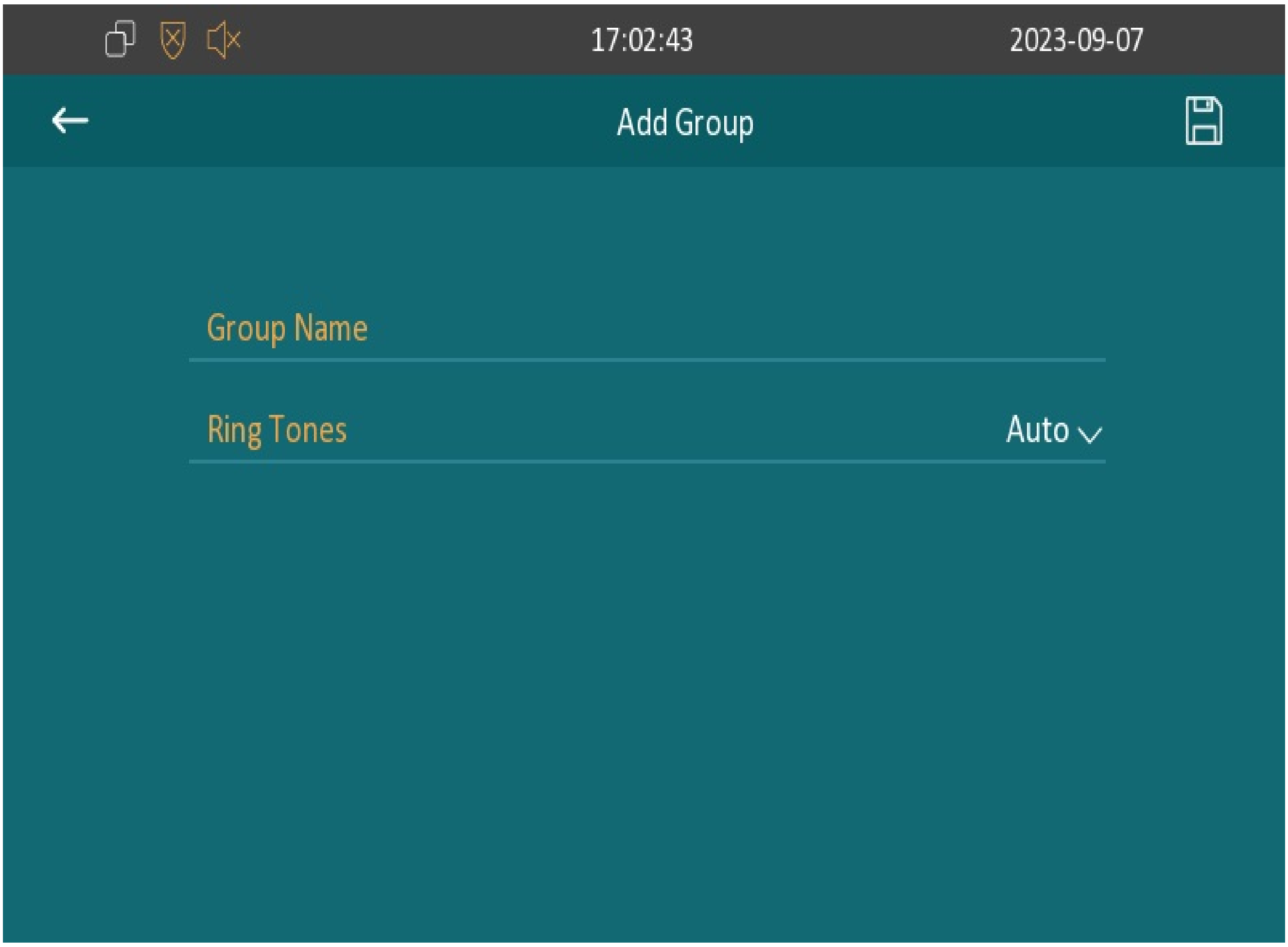
Go to **More** > **Contacts**.

Add Contact Group

Go to **More** > **Contacts** on the device screen. Press **New**.



Enter group name and press **Save** tab.

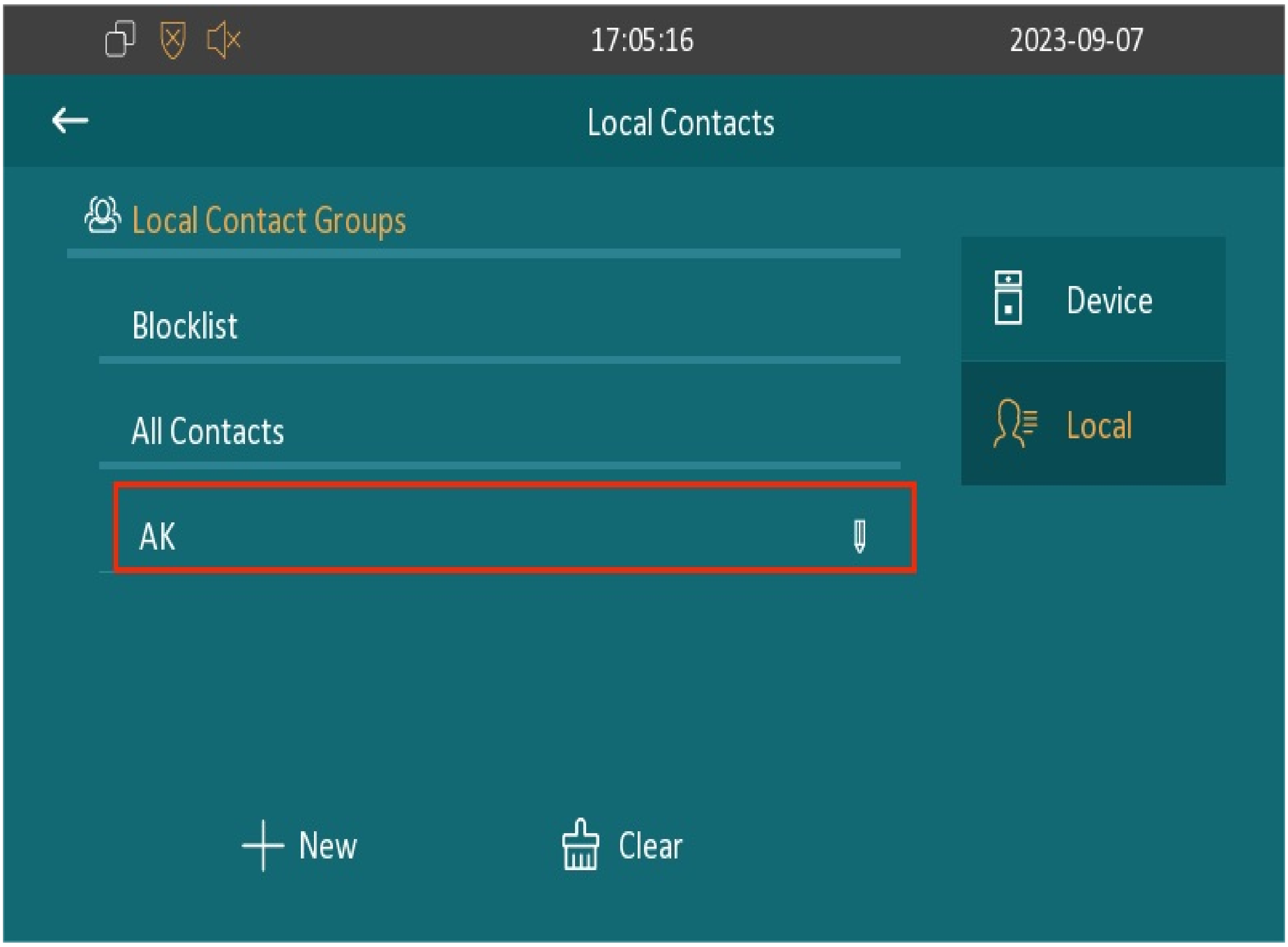


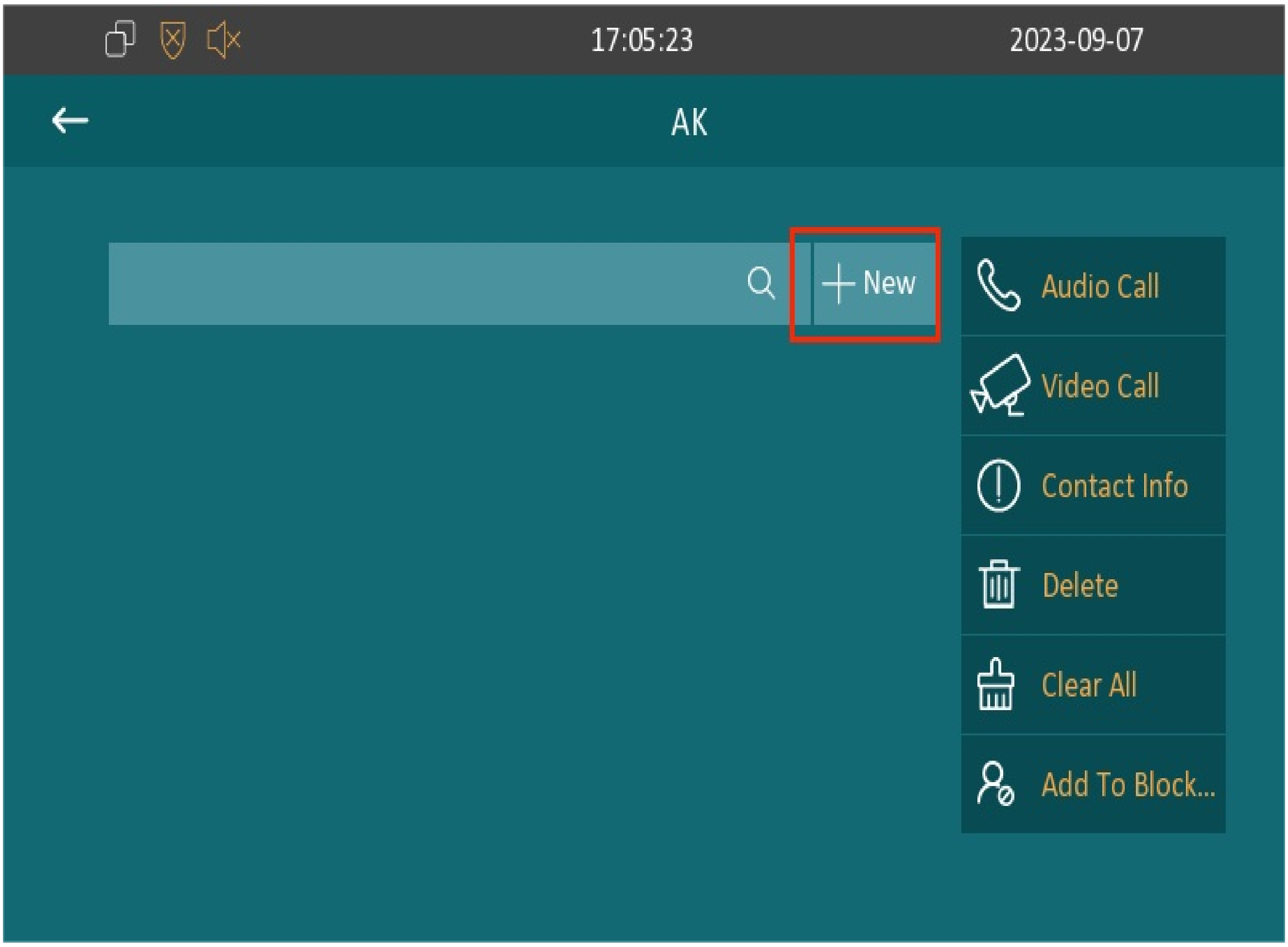
Group Name

Ring Tones Auto

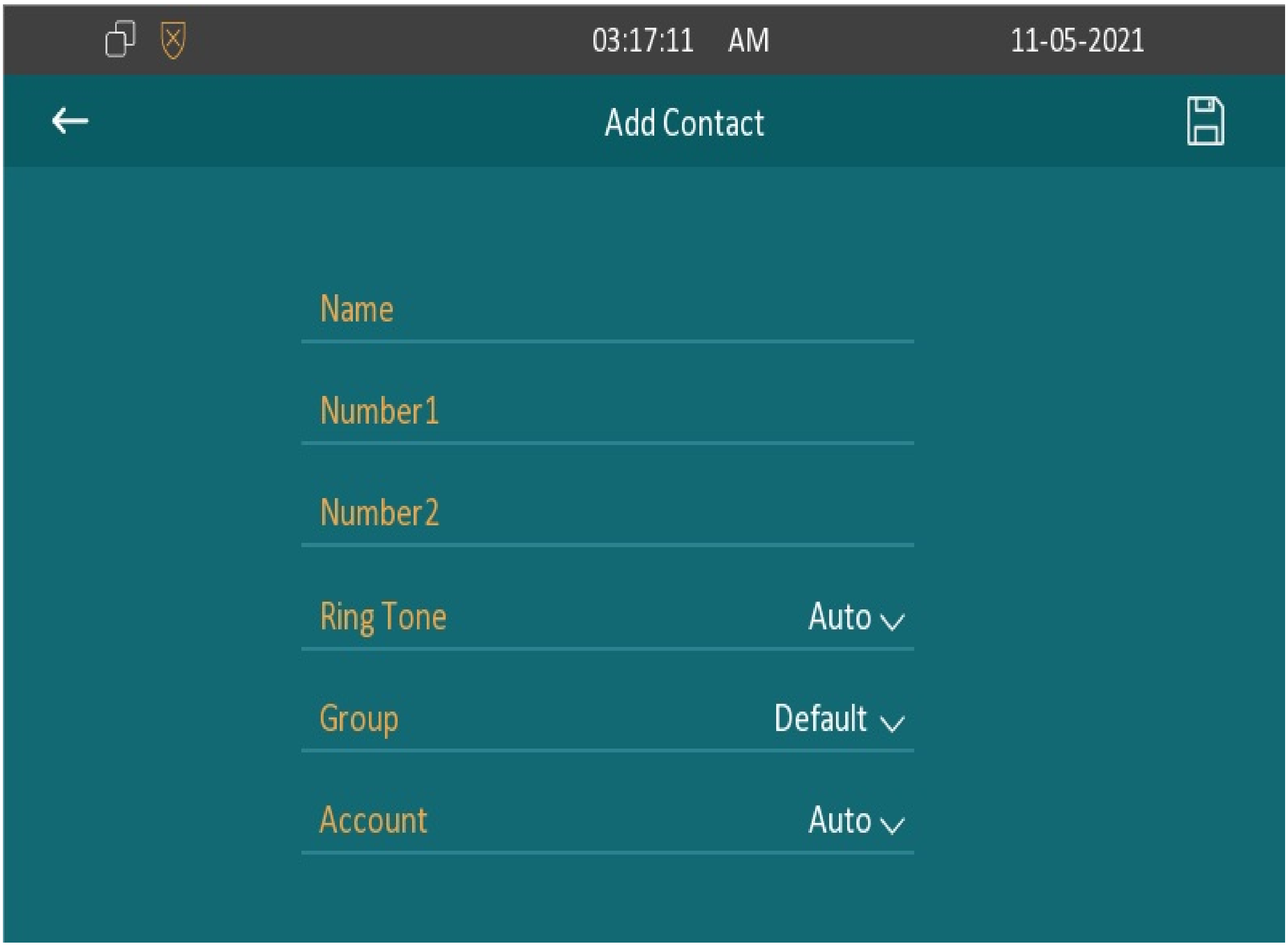
Add Contacts

Go to **More** > **Contacts** on the device screen. Press the desired group and then New.





17:05:23
2023-09-07
AK
New
Audio Call
Video Call
Contact Info
Delete
Clear All
Add To Block...



Add Contact

Name

Number1

Number2

Ring Tone Auto

Group Default

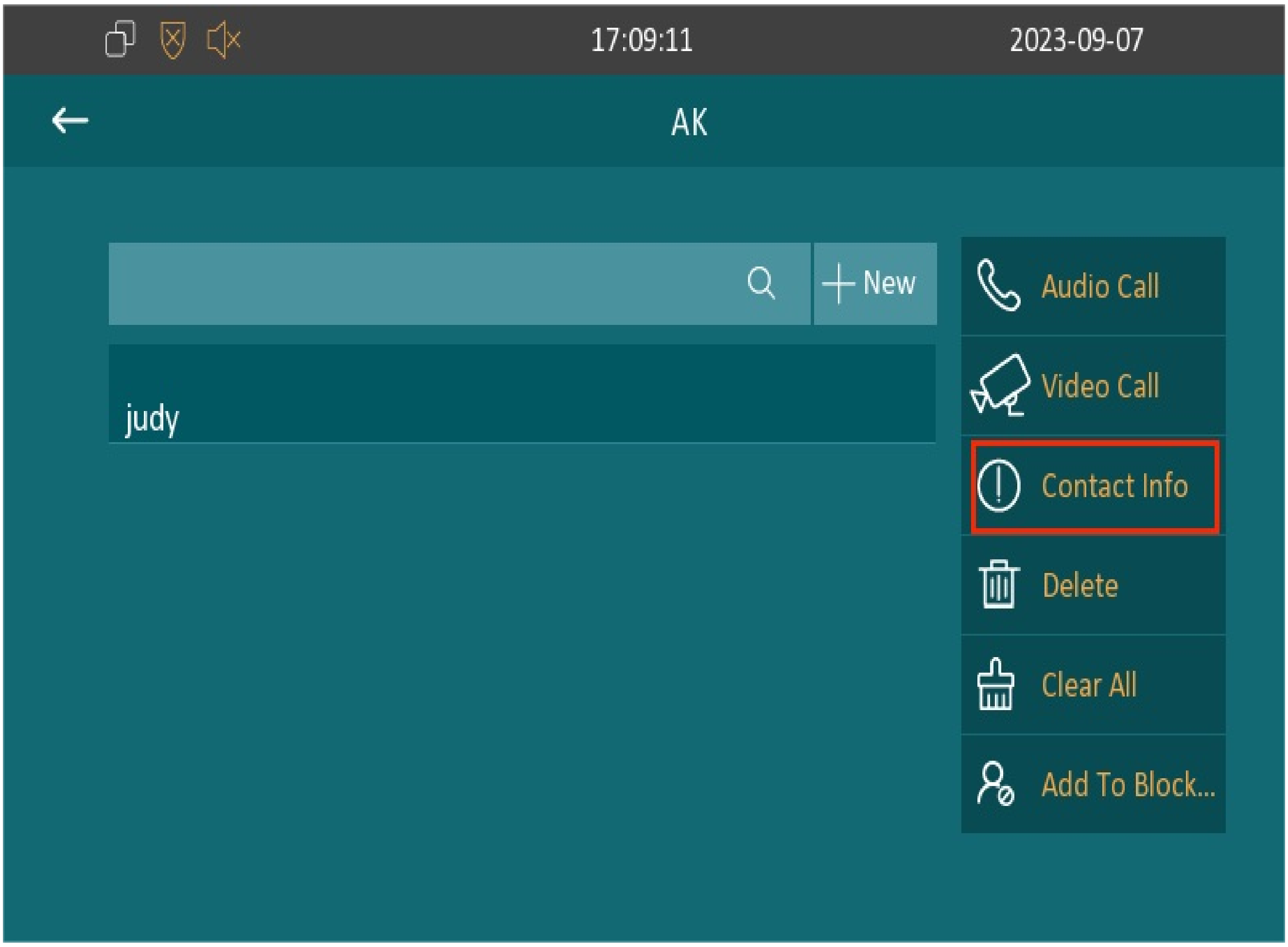
Account Auto

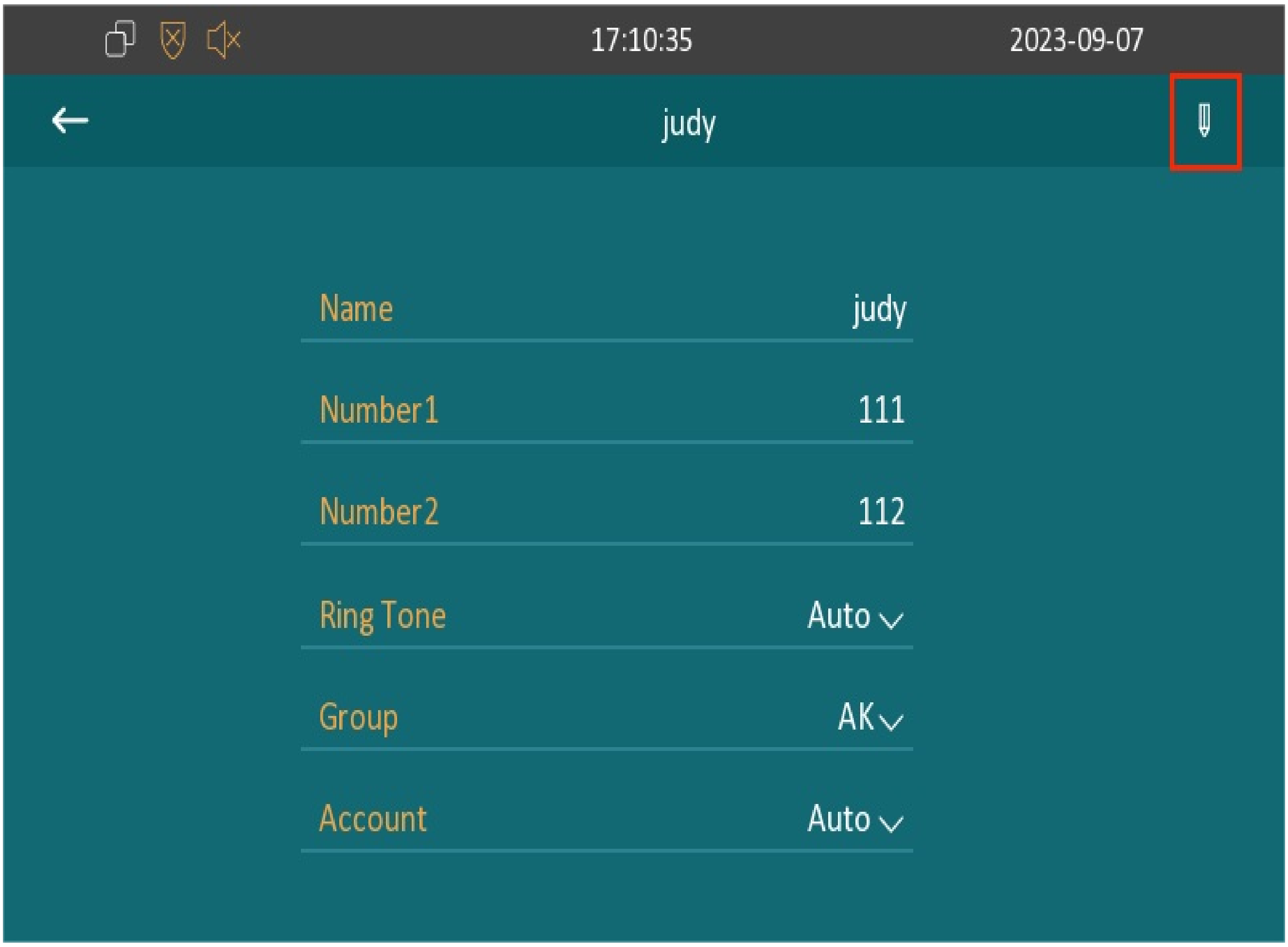
Parameter Set-up:

- **Number**: Enter the IP or SIP number.
- **Group**: Select Default or any other groups that have been created.

Edit Contacts

Select the exiting contact and press the **Contact Info** and **Edit** icon to modify.





17:10:35 2023-09-07

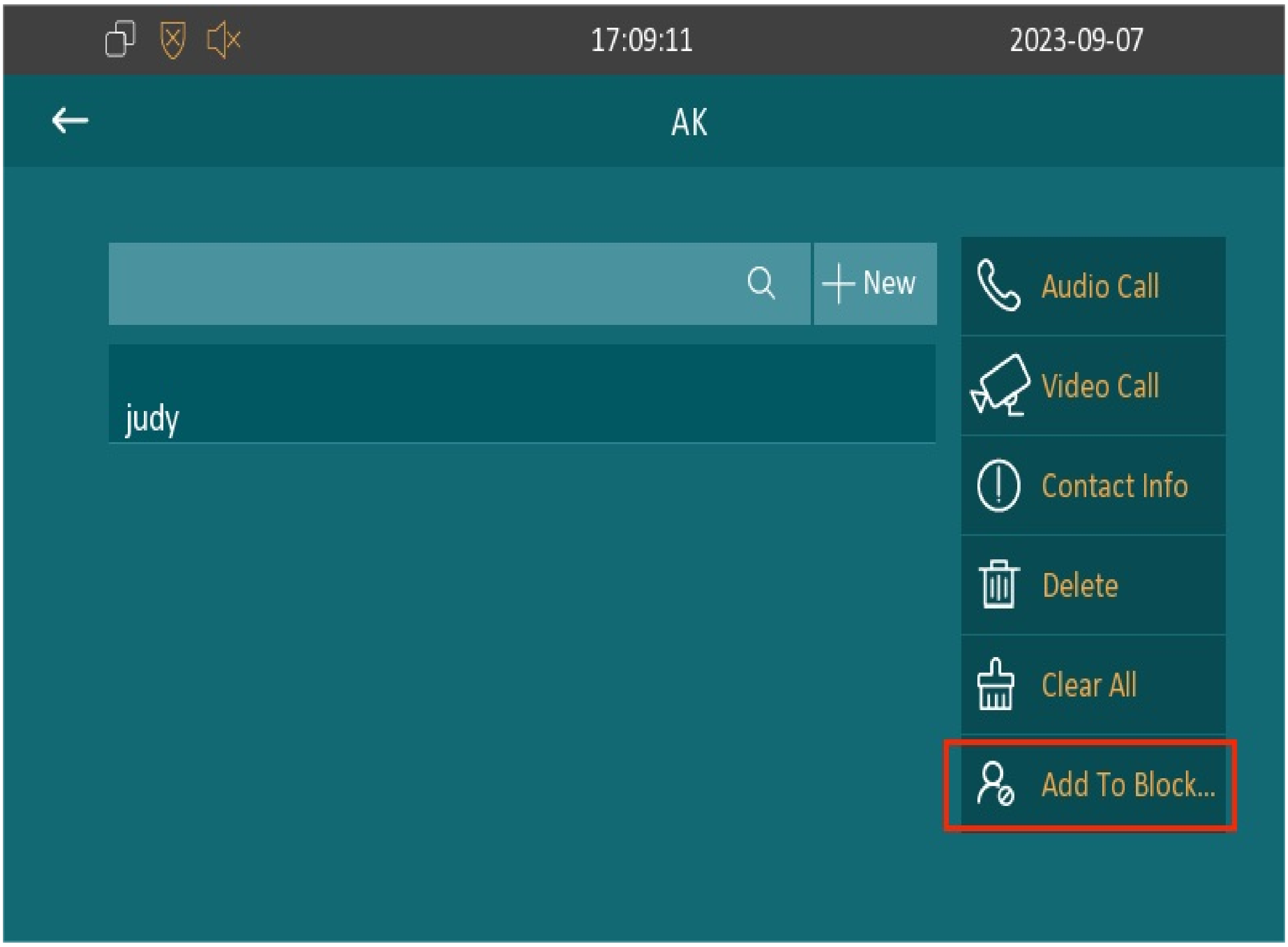
judy

Name	judy
Number1	111
Number2	112
Ring Tone	Auto
Group	AK
Account	Auto

Blocklist Settings on the Device

You can choose from the contact list the contact you want to add to the block list.

Configure it on the **Contacts** screen.



Note

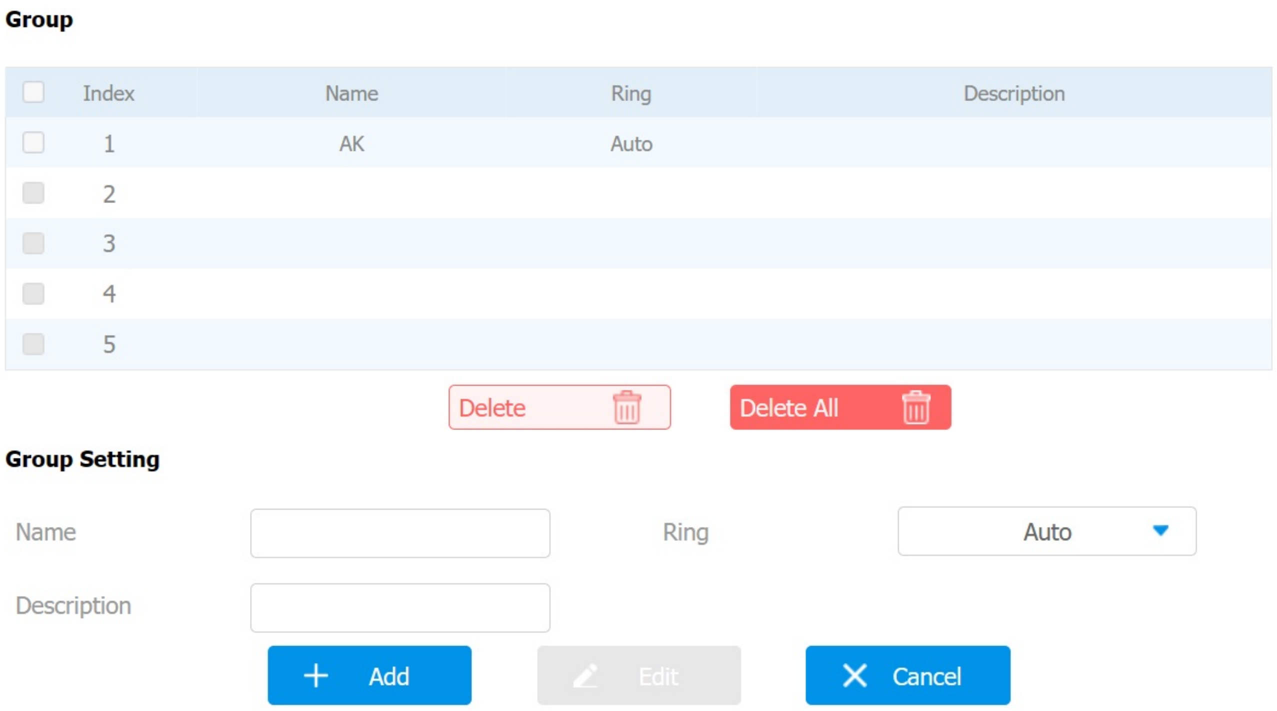
- You can delete contacts regardless of whether it is on the **All Contacts** screen or the **Blocklist** screen.

Phone Book Configuration on the Web Interface

Contact Group Management

You can create and edit a contact group for the contacts. The contact group will be used when you are adding a user.

Navigate to **Contacts > Local Contacts** interface.



Group

□	Index	Name	Ring	Description
□	1	AK	Auto	
□	2			
□	3			
□	4			
□	5			

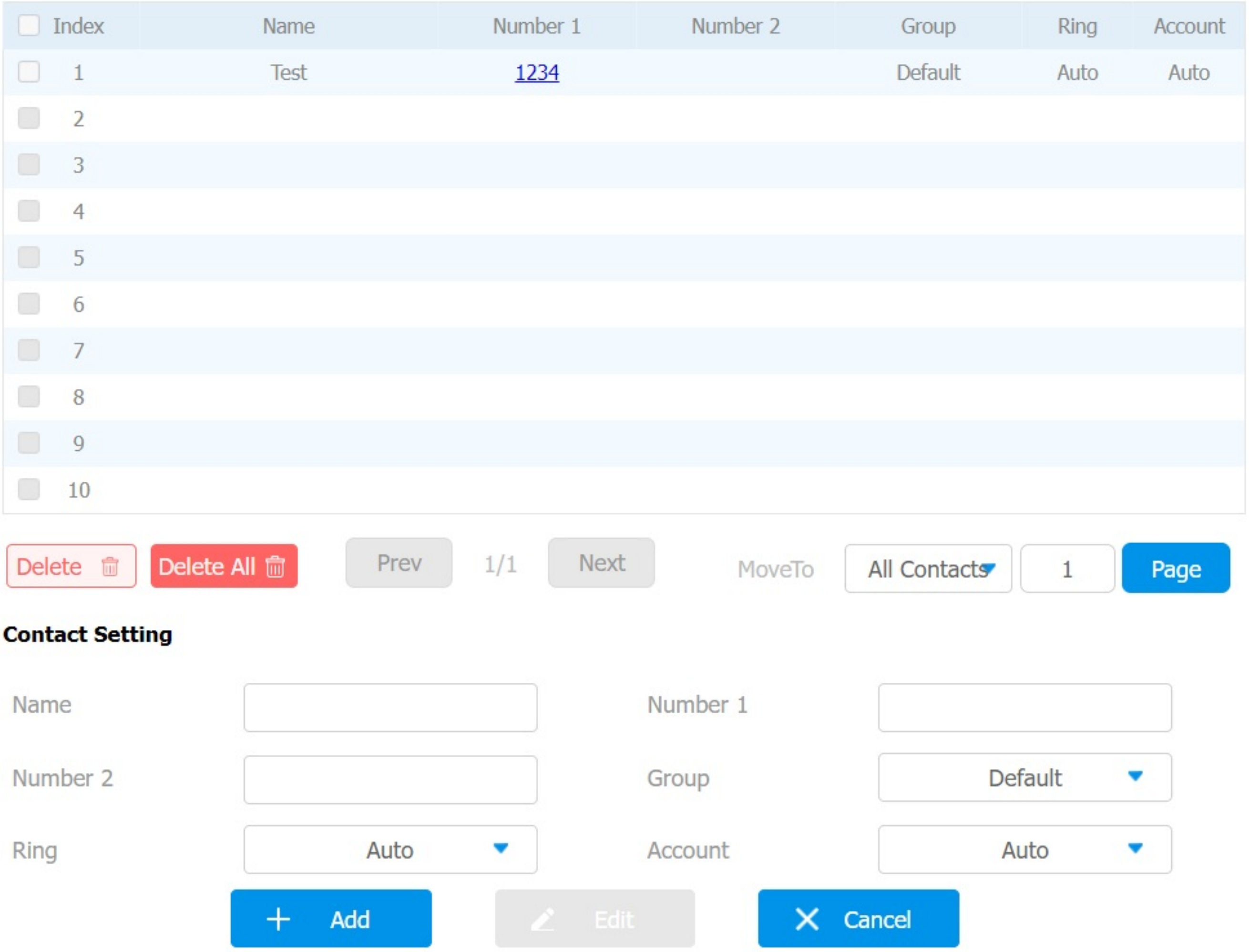
Group Setting

Name		Ring	Auto
Description			

Contact Management

To conduct contact configuration on the web interface. The existing contacts will show in the below list after they are added.

Navigate to **Contacts > Local Contacts** interface.



□	Index	Name	Number 1	Number 2	Group	Ring	Account
□	1	Test	1234		Default	Auto	Auto
□	2						
□	3						
□	4						
□	5						
□	6						
□	7						
□	8						
□	9						
□	10						

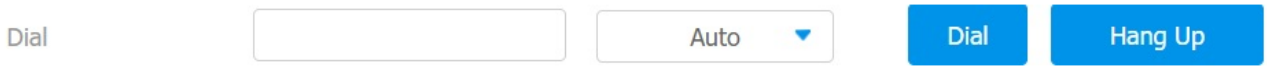
Contact Setting

Name		Number 1	
Number 2		Group	Default
Ring	Auto	Account	Auto

Parameter Set-up:

- **Number**: Enter the contact number (SIP or IP number) to be saved.
- **Group**: Select Default, Blocklist group or group created.
- **Account**: Select Account1 or Account2.

You can dial out a number using the contact phone number on the web **Contacts > Local Contacts** interface.

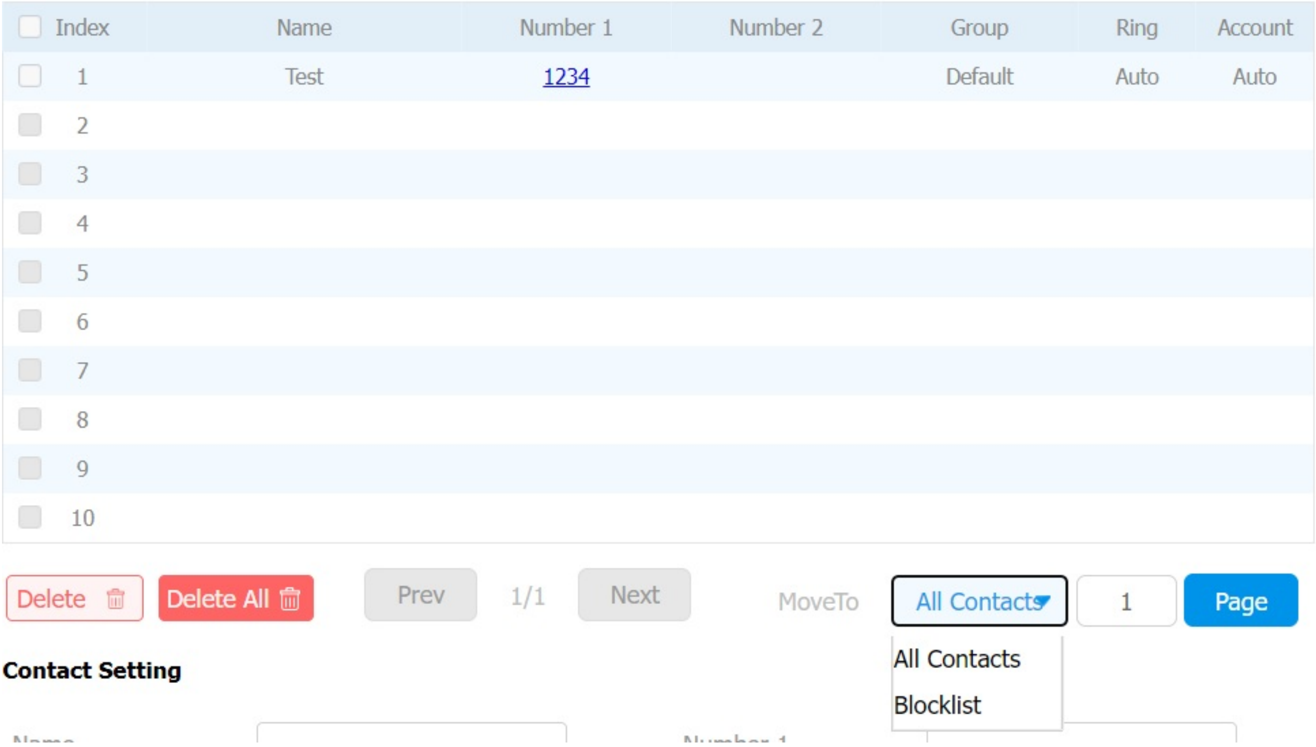


Dial		Auto

Block List Setting on the Web Interface

You can set the blocklist directly in the contact list on the web interface or set it when editing a contact.

Navigate to **Contacts > Local Contacts > Local Contacts List.**



□ Index	Name	Number 1	Number 2	Group	Ring	Account
□ 1	Test	1234		Default	Auto	Auto
□ 2						
□ 3						
□ 4						
□ 5						
□ 6						
□ 7						
□ 8						
□ 9						
□ 10						

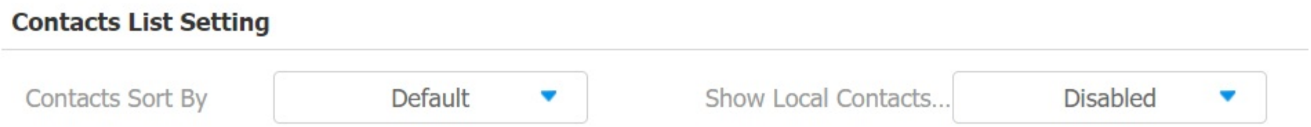
Contact Setting

> **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.

Contact Display

You can configure the contact display order and control whether to display the discovery device on the device.

Go to **Contacts > Local Contacts** interface.



Contacts List Setting

Contacts Sort By: Default

Show Local Contacts...: Disabled

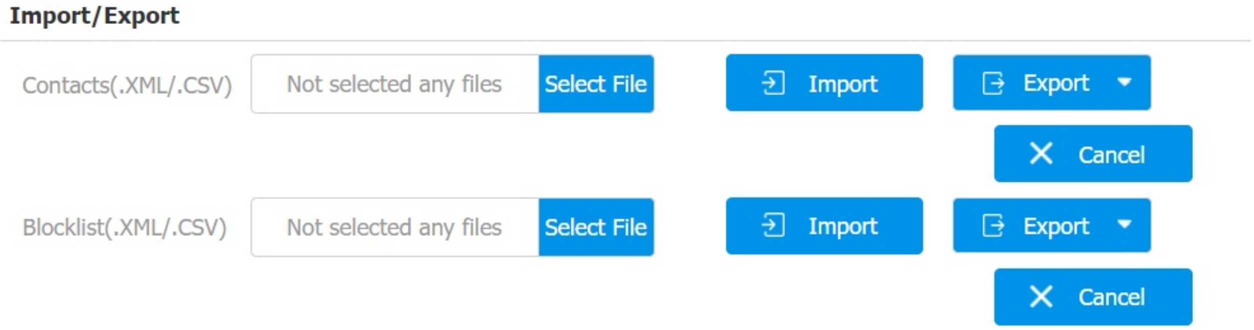
Parameters Set-up:

- **Contacts Sort By**: There are three modes **Default**, **ASCII Code** and **Created Time** for showing the contact list.
- **Show Local Contacts Only**: If enable the function, the contact on device will only show local phonebook, the contact for discovery mode will be hidden.

Contacts Import and Export on the Web Interface

When the contact becomes so many that you cannot afford to manage each contact one by one manually, you can import and export the contacts in batch on the device web.

Go to **Contacts** > **Local Contacts** interface.



Import/Export

Contacts(.XML/.CSV) Not selected any files Select File Import Export Cancel

Blocklist(.XML/.CSV) Not selected any files Select File Import Export Cancel

Note

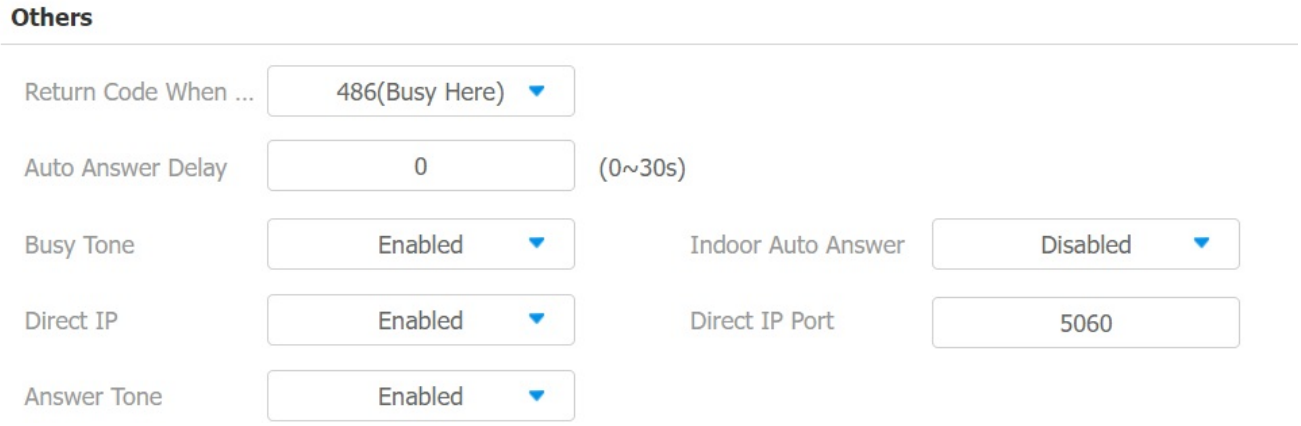
- The contact file can only be imported or exported in .xml or .csv format.

Intercom Call Configuration

IP Call & IP Call Configuration

An IP call is a direct call between two intercom devices using their IP addresses, without a server or a PBX. IP calls work when the devices are on the same network.

Go to **Phone** > **Call Feature** > **Others** interface.



Others

Return Code When ... 486(Busy Here)

Auto Answer Delay 0 (0~30s)

Busy Tone Enabled

Indoor Auto Answer Disabled

Direct IP Enabled

Direct IP Port 5060

Answer Tone Enabled

Parameter Set-up:

- **Direct IP**: 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 Port**: The direct IP port is 5060 by default with the port ranging 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 with.

SIP Call &SIP Call Configuration

Session Initiation Protocol(**SIP**) is a signaling transmission protocol used for initiating, maintaining, and terminating calls.

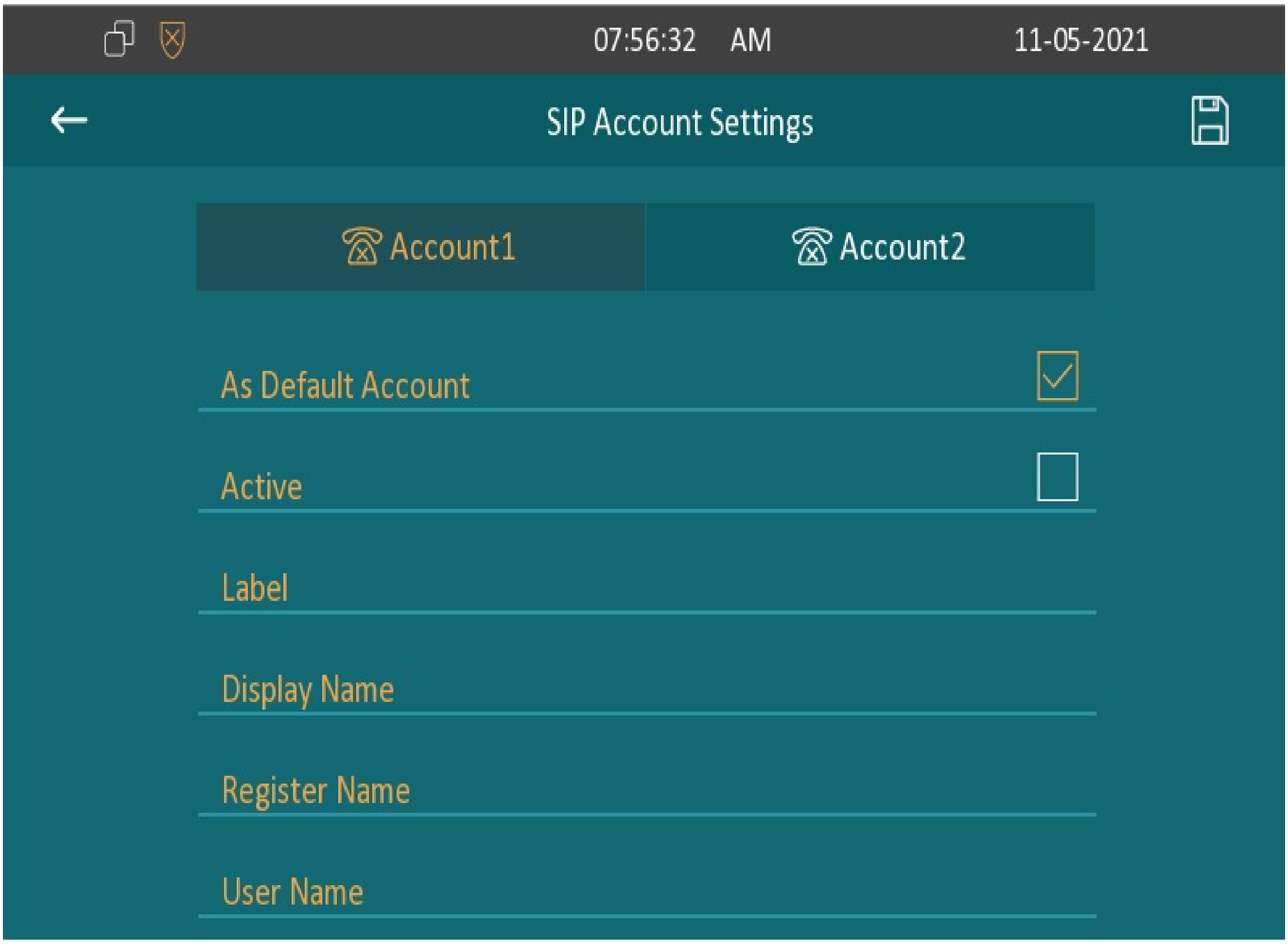
A SIP call uses SIP to send and receive data between SIP devices, and can use the internet or a local network to offer high-quality and secure communication. Initiating a SIP call requires a SIP account, a SIP address for each device, and configuring SIP settings on the devices.

SIP Account Registration

Each device needs a SIP account to make and receive SIP calls.

Akuvox intercom devices support the configuration of two SIP accounts, which can be registered under two independent servers.

To configure the SIP account on the device screen **More > Setting > Advance > SIP Account.**



07:56:32 AM 11-05-2021

SIP Account Settings

Account1 | Account2

As Default Account ☑

Active □

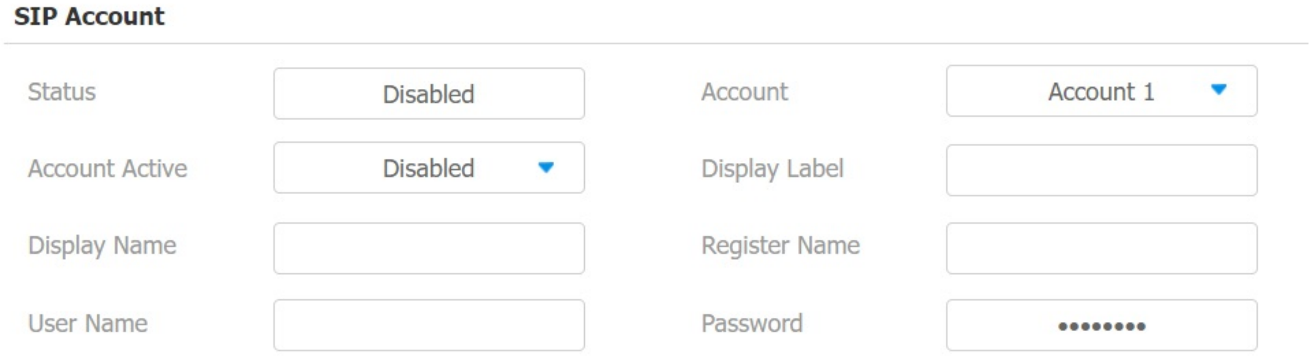
Label

Display Name

Register Name

User Name

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 interface. To perform the SIP account setting on the web **Account > Basic > SIP Account** interface.



SIP Account

Status	Disabled	Account	Account 1 ▼
Account Active	Disabled ▼	Display Label	
Display Name		Register Name	
User Name		Password	●●●●●●●●

Parameter Set-up:

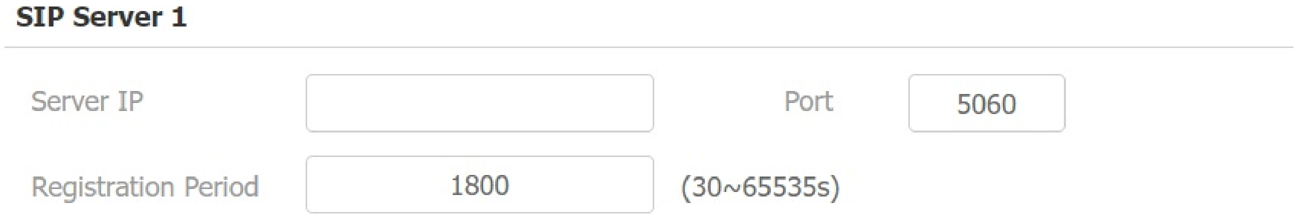
- **Status**: Check to see if the SIP account is registered or not.
- **Account**: Select Account1 or Account2.
- **Account Enabled**: Check to activate the registered SIP account.
- **Display Label:** Configure the device label to be shown on the device screen.
- **Display Name**: Configure the device's name to be shown on the device being called to.

a. To register SIP account for Akuvox indoor monitors, obtain **Register Name**, **Username**, and **Password** from Akuvox indoor monitor PBX screen.
b. To register SIP account for third-party devices, obtain **Register Name**, **Username**, and **Password** from third-party service provider.

SIP Server Configuration

SIP servers enable devices to establish and manage call sessions with other intercom devices using the SIP protocol. They can be third-party servers or built-in PBX in Akuvox indoor monitor.

To perform the SIP account setting on the web **Account > Basic > SIP Server** Interface.



SIP Server 1

Server IP		Port	5060
Registration Period	1800	(30~65535s)	

Parameter Set-up:

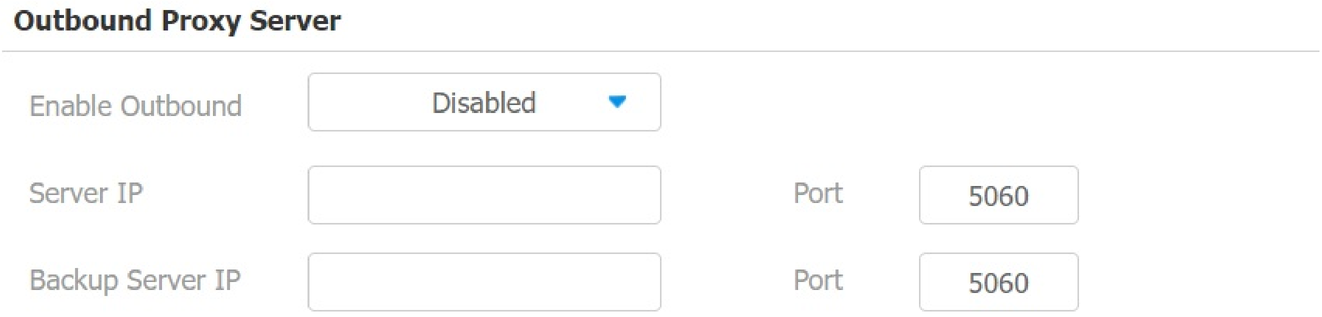
- **Server IP**: Enter the server's IP address or its URL.

- **Port**: Set up SIP server port for data transmission.
- **Registration Period**: Set up SIP account registration time span. 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**.

Outbound Proxy Server configuration

An outbound proxy server receives and forwards all requests the designated server. It is an optional configuration, but if set it up, all future SIP requests get sent there in the first instance.

To configure the outbound proxy server on **Account > Basic > Outbound Proxy Server** interface.



Outbound Proxy Server

Enable Outbound	Disabled		
Server IP		Port	5060
Backup Server IP		Port	5060

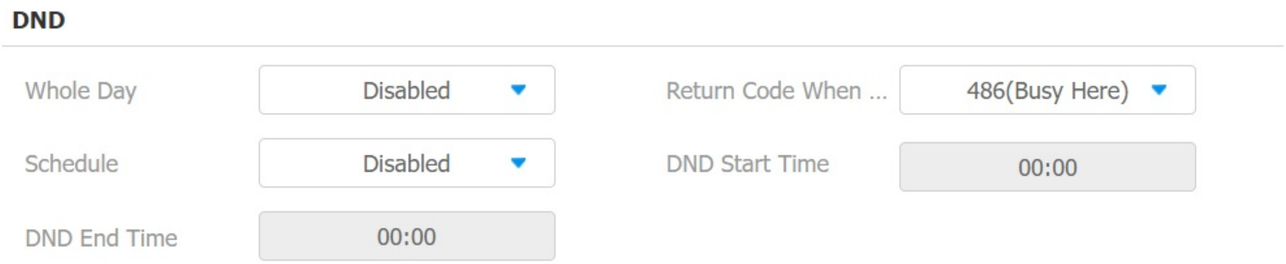
Parameter Set-up:

- **Server IP**: Enter the IP address of the outbound proxy server.
- **Backup Server IP**: Set up backup server IP for the backup outbound proxy server.
- **Port**: Enter the port number to establish a call session via the outbound proxy server or the backup one.

DND

The Do Not Disturb(**DND**) feature prevents unwanted incoming SIP calls, ensuring uninterrupted focus. It also allows you to set a code to be sent to the SIP server when rejecting a call.

Path: **Phone > Call Feature > DND**



DND

Whole Day	Disabled	Return Code When ...	486(Busy Here)
Schedule	Disabled	DND Start Time	00:00
DND End Time	00:00		

Parameter Set-up:

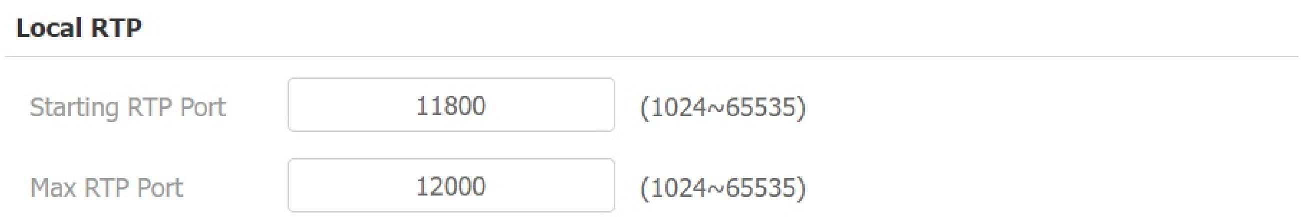
- **DND**: Check the **Whole Day** or **Schedule** to enable the DND function. DND function is disabled by default.
- **Schedule**: Enable the DND schedule for your indoor monitor. To configure a specific time to enable the DND feature. If you choose **Schedule** for DND, the **Whole Day** will be checked on the device.
- **Return Code When DND**: Select what code should be sent to the calling device via the SIP server. 404 for Not Found; 480 for Temporarily Unavailable; 486 for Busy Here; 603 for Decline.

Device Local RTP Configuration

Real-time Transport Protocol(**RTP**) lets devices stream audio and video data over a network in real time.

To use RTP, devices need a range of ports. A port is like a channel for data on a network. By setting up RTP ports on your device and router, you can avoid network interference and improve audio and video quality.

To set up device local RTP on web **Network > Advanced > Local RTP** interface.



Local RTP

Starting RTP Port	11800	(1024~65535)
Max RTP Port	12000	(1024~65535)

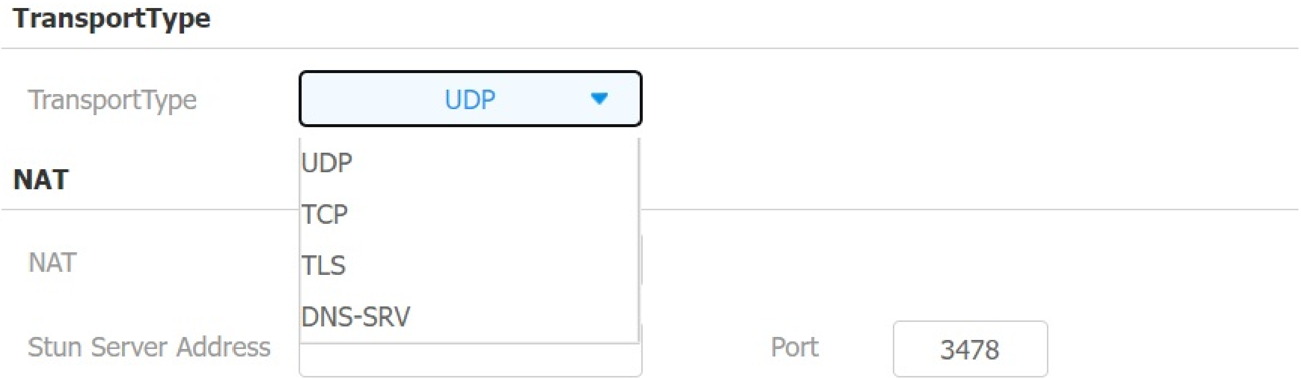
Parameter Set-up:

- **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.

Data Transmission Type Configuration

Akuvox intercom devices support four data transmission protocols: **User Datagram Protocol(UDP)**, **Transmission Control Protocol(TCP)**, **Transport Layer Security(TLS)**, and **DNS-SRV**.

To do this configuration on web **Account** > **Basic** > **Transport Type** interface.



TransportType

TransportType: UDP

NAT

NAT

Stun Server Address

Port: 3478

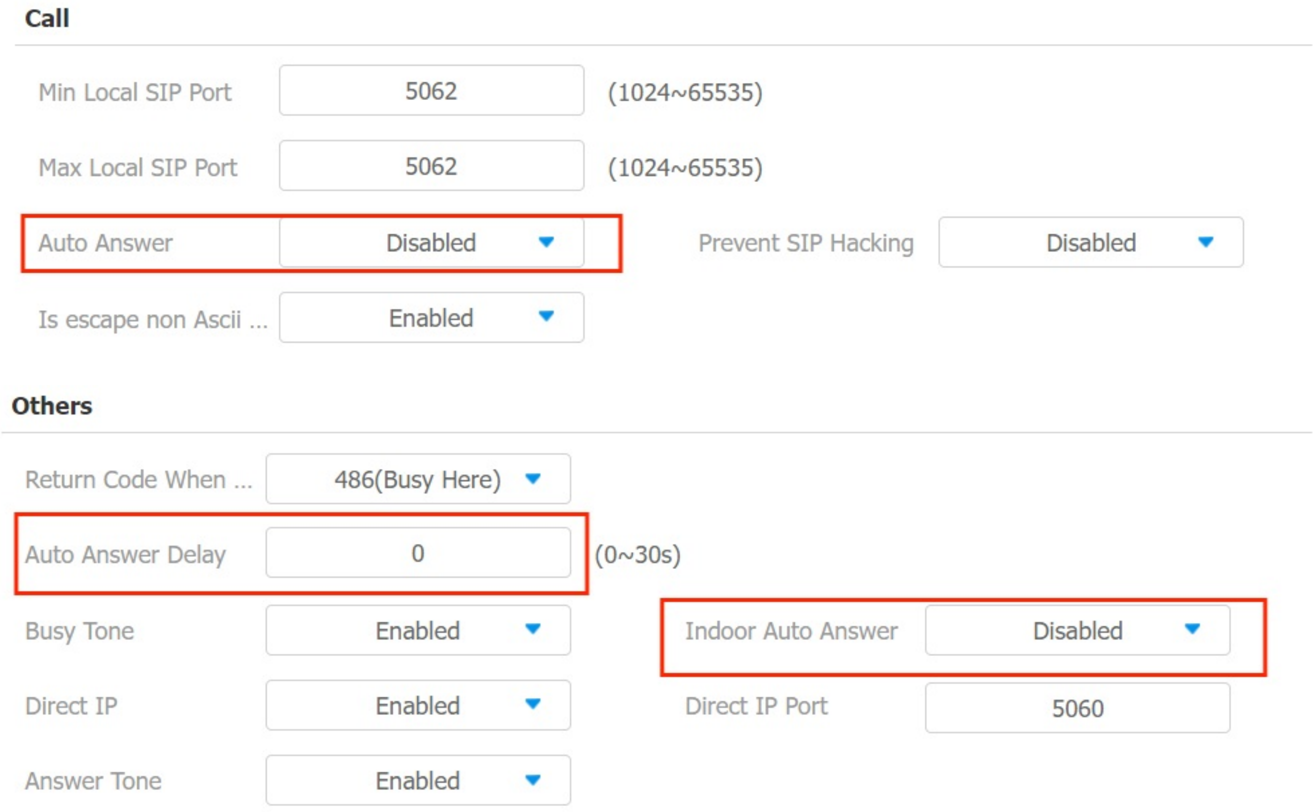
Parameter Set-up:

- **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 secured and reliable transport layer protocol.
- **DNS-SRV**: Select **DNS-SRV** to obtain 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.

Call Setting

Call Auto-answer Configuration

C313 will auto answer all incoming calls if call auto-answer is enabled and receive live stream if live stream is enabled. To enable or disable on web **Account > Advanced > Call > Auto Answer** interface. And set up the corresponding auto answer parameters on web **Phone > Call Feature > Others** interface.



Call

Min Local SIP Port	5062	(1024~65535)		
Max Local SIP Port	5062	(1024~65535)		
Auto Answer	Disabled		Prevent SIP Hacking	Disabled
Is escape non Ascii ...	Enabled			

Others

Return Code When ...	486(Busy Here)			
Auto Answer Delay	0	(0~30s)		
Busy Tone	Enabled		Indoor Auto Answer	Disabled
Direct IP	Enabled		Direct IP Port	5060
Answer Tone	Enabled			

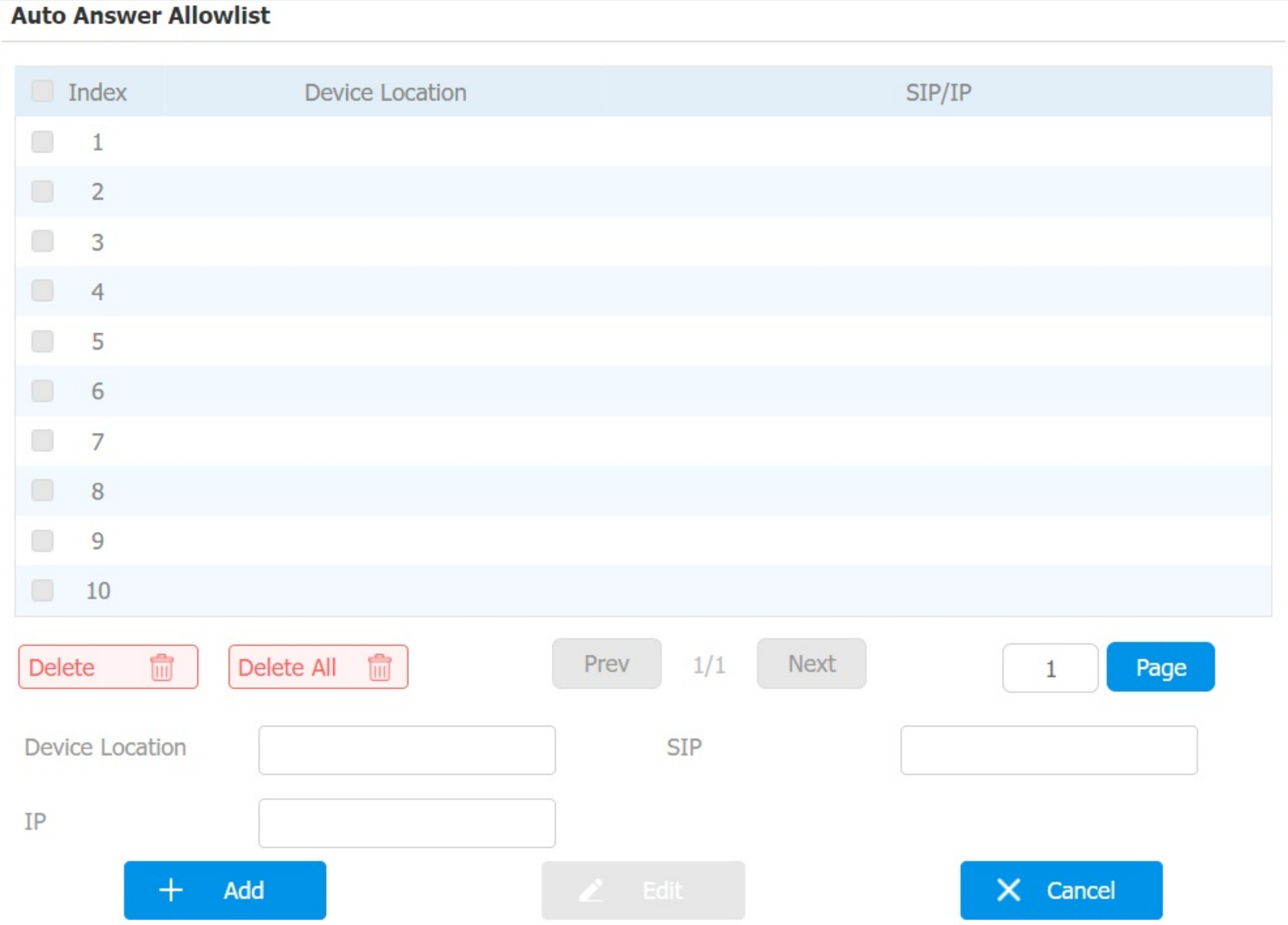
Parameter Set-up:

- **Auto Answer**: Turn on the **Auto Answer** function by ticking the square box. It applies to all intercom devices.
- **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.
- **Indoor Auto Answer**: Enable it if you want to auto-answer the call from the indoor monitor only.

Auto-answer Allow List Setting

Auto-answer can only be applicable to the SIP or IP numbers that are already added in the auto-answer allow list of your indoor monitor. Therefore, you are required to configure or edit the numbers in the allow list on the web interface.

Navigate to **Phone > Call Feature > Auto Answer AllowList** interface.

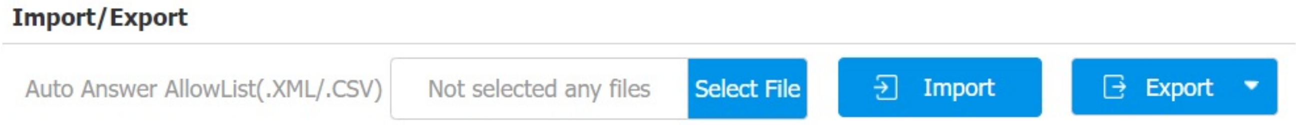


Auto Answer Allowlist

□ Index	Device Location	SIP/IP
□ 1		
□ 2		
□ 3		
□ 4		
□ 5		
□ 6		
□ 7		
□ 8		
□ 9		
□ 10		

Device Location
SIP
IP

SIP/IP numbers can be imported to or exported out of the indoor monitor in batch on web **Phone > Call Feature > Import/Export** interface.



Import/Export

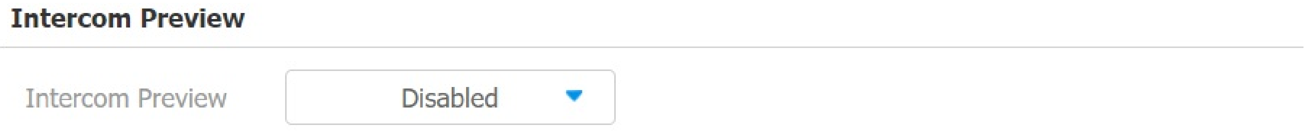
Auto Answer AllowList(.XML/.CSV) Not selected any files

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.

Intercom Preview Setting

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 **Phone** > **Intercom** > **Intercom Preview** interface.



Intercom Preview

Intercom Preview: Disabled

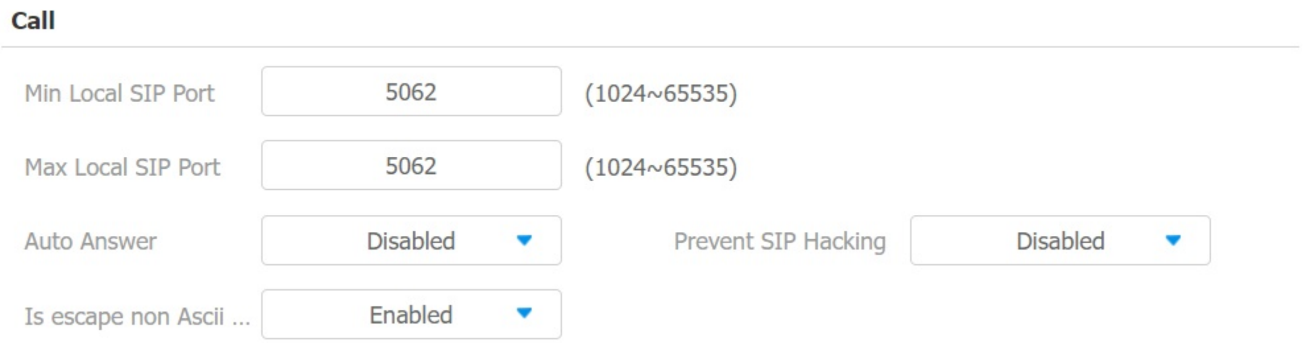
Note

- Group call is not available when you enable the intercom preview function.

SIP Hacking Protection

Internet phone eavesdropping is a network attack that allows unauthorized parties to intercept and access the content of the communication sessions between intercom users. This can expose sensitive and confidential information to the attackers. SIP hacking protection is a technique that secures SIP calls from being compromised on the Internet.

To set it up, go to **Account** > **Advanced** > **Call.**



Call

Min Local SIP Port: 5062 (1024~65535)

Max Local SIP Port: 5062 (1024~65535)

Auto Answer: Disabled

Prevent SIP Hacking: Disabled

Is escape non Ascii ...: Enabled

Parameters Set-up:

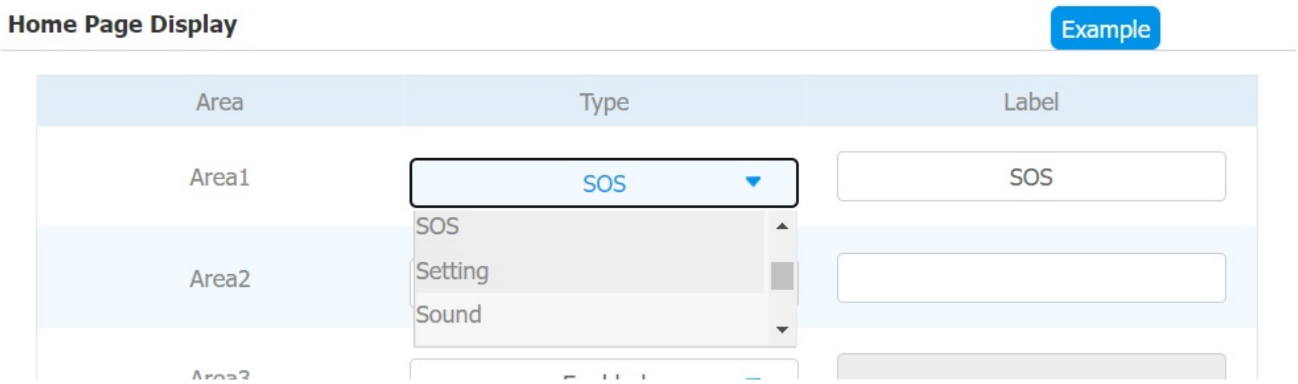
- **Prevent SIP Hacking**: Enable it to activate this feature during using SIP call. This feature is only available for SIP calls, not IP calls.

Emergency Call Setting

The Emergency Call function is designed for urgent situations, particularly beneficial for the elderly and children. Users can display the SOS button on the indoor monitor’s screen. When the button is pressed, the device automatically calls the designated emergency contacts, ensuring quick help when needed.

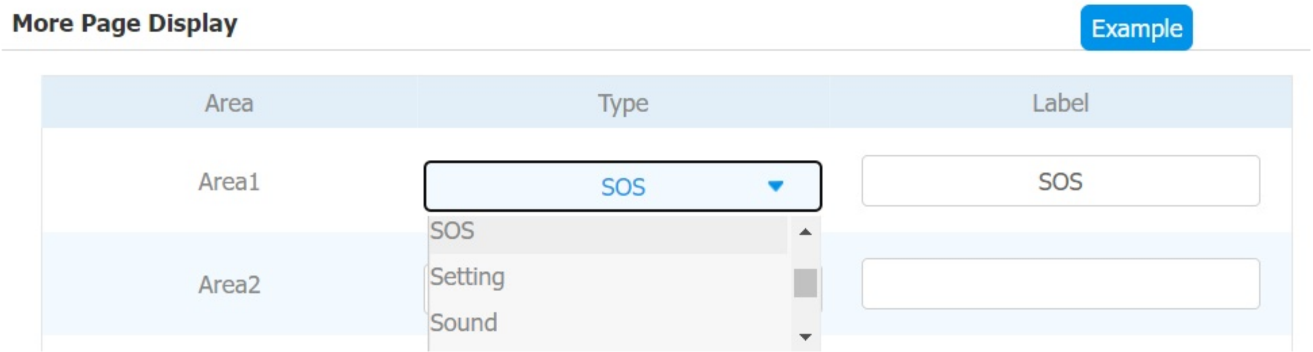
SOS Icon Display

To display SOS softkey on web **Phone > Key/Display** interface. The icon will be shown on the main interface or more interfaces after configuring.



Home Page Display

Area	Type	Label
Area1	SOS	SOS
Area2		

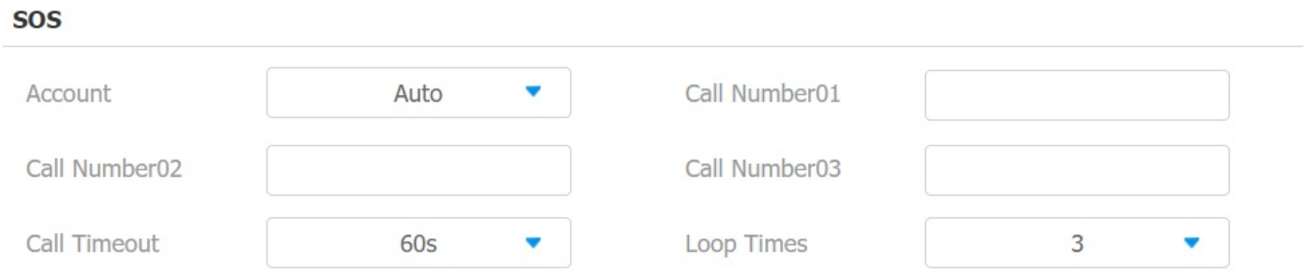


More Page Display

Area	Type	Label
Area1	SOS	SOS
Area2		

SOS Number Settings on the Web

To set up SOS numbers on device web **Phone > Intercom**.



SOS

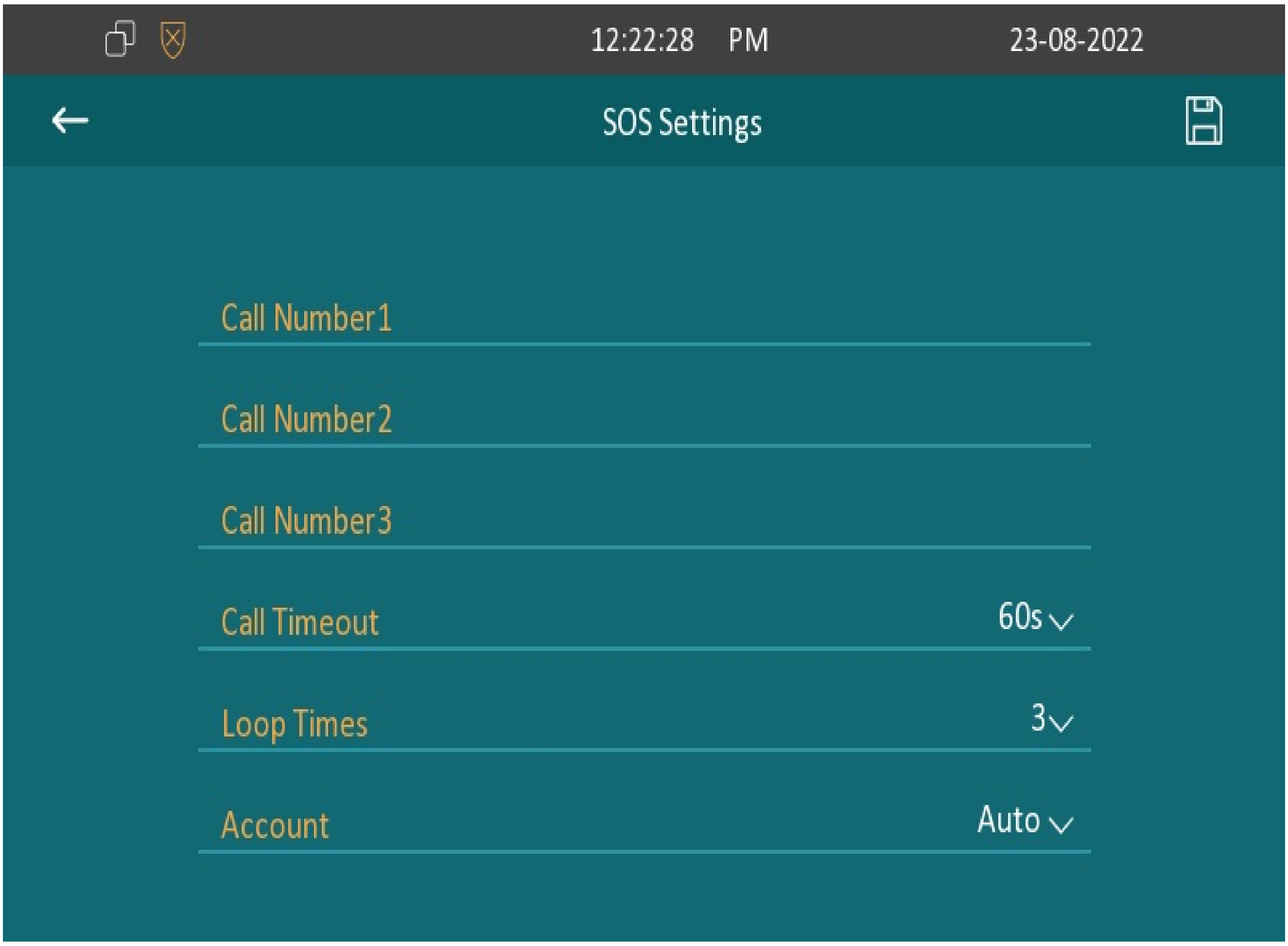
Account	Auto	Call Number01	
Call Number02		Call Number03	
Call Timeout	60s	Loop Times	3

Parameter Set-up:

- **Account**: Select the account you want to make SOS from account 1 or account 2.
- **Call Number**: To set up 3 SOS numbers. Once users press SOS key on the home screen (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 does not answer within the timeout, indoor monitors will continue to call the next number.
- **Loop Times**: To set up times of re-dialing.

SOS Number Settings on Device

In addition, you can also configure it on the device screen **More > Setting > Advance > SOS.**



12:22:28 PM 23-08-2022

SOS Settings

Call Number1

Call Number2

Call Number3

Call Timeout 60s

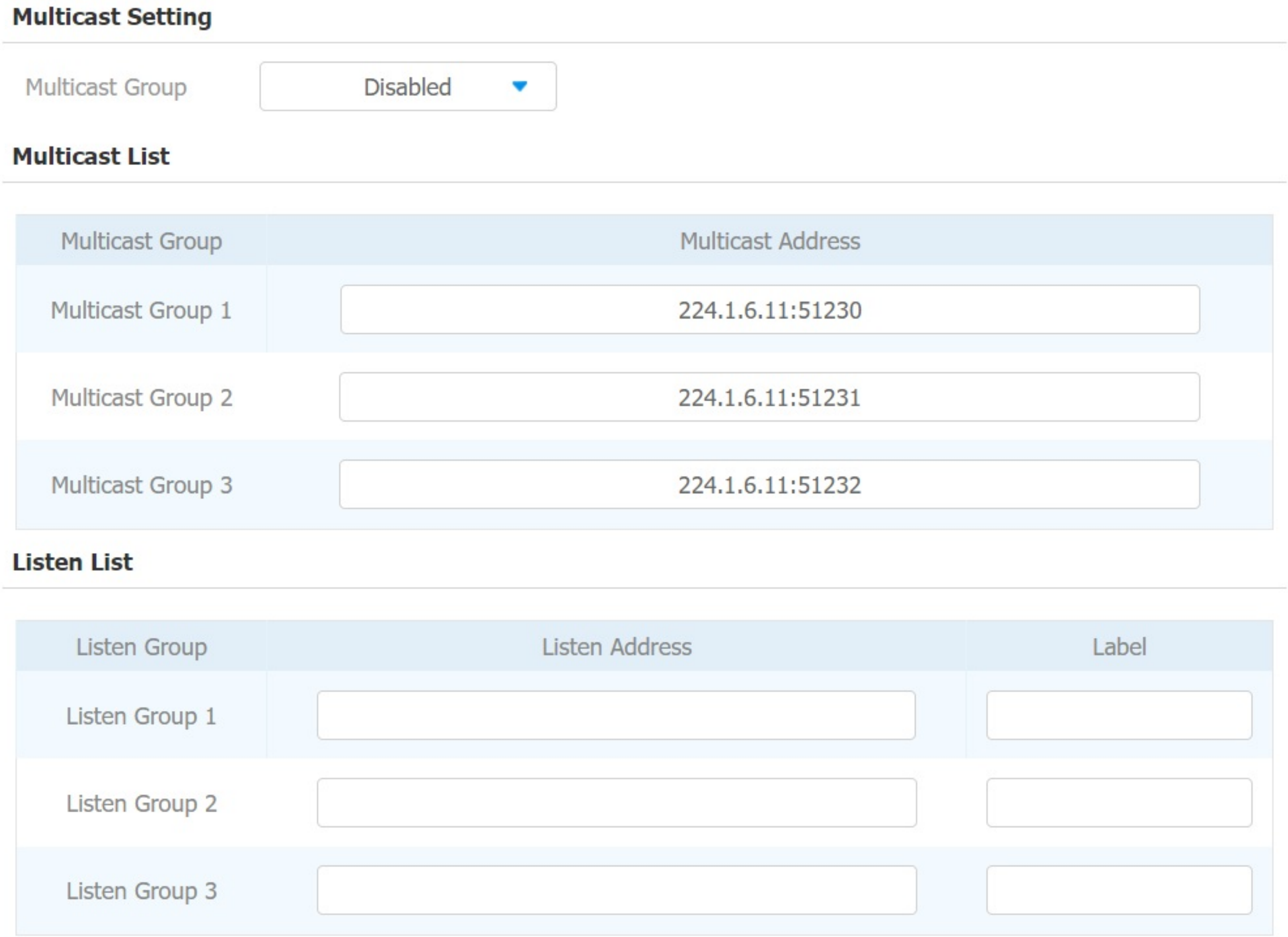
Loop Times 3

Account Auto

Multicast Configuration

The Multicast function allows one-to-many broadcasting for different purposes. For example, it enables the indoor monitor to announce messages from the kitchen to other rooms, or to broadcast notifications from the management office to multiple locations. In these scenarios, indoor monitors can either listen to or send audio broadcasts.

Navigate to **Phone** > **Multicast** interface.



Multicast Setting

Multicast Group: Disabled

Multicast List

Multicast Group	Multicast Address
Multicast Group 1	224.1.6.11:51230
Multicast Group 2	224.1.6.11:51231
Multicast Group 3	224.1.6.11:51232

Listen List

Listen Group	Listen Address	Label
Listen Group 1		
Listen Group 2		
Listen Group 3		

Parameter Set-up:

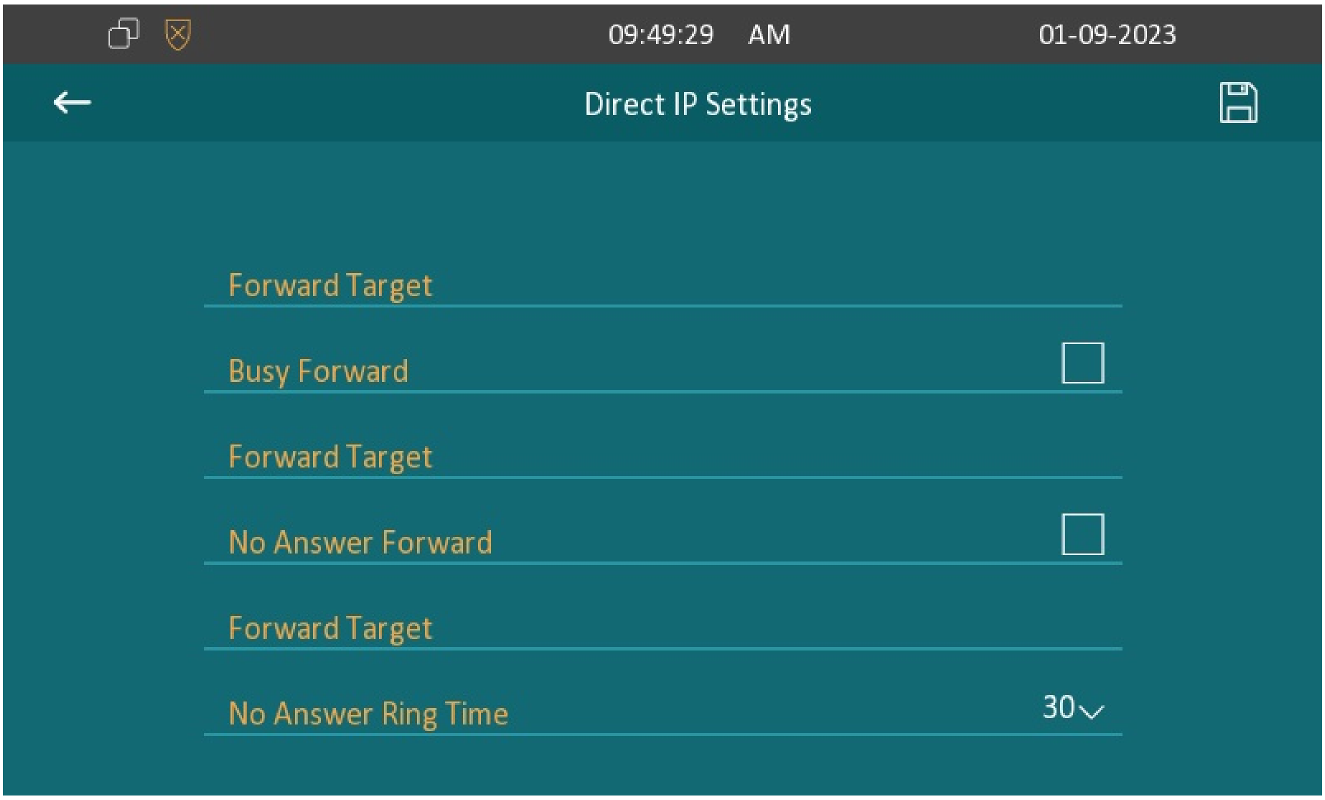
- **Multicast Group**: To set the indoor monitor in one of the groups or disable this function.
- **Multicast List**: To fill in the parameters of multicast group. Indoor monitor will establish multicast calls to other indoor monitors which are set in multicast group.
- **Listen List**: To fill in the parameters of listen group. Indoor monitor will receive multicast calls if some indoor monitors call the listen group.
- **Label**: To show the label name on the calling interface.

Call Forwarding Setting

Call Forward is a feature that allows for transferring incoming calls to another number. Users can set up call forwarding according to different situations, such as always forwarding calls, forwarding calls when the indoor monitor is busy, or when it doesn’t pick up the call.

Call Forwarding Configuration on the Device

To do the configuration on the device screen **More > Setting > Advance > Direct IP.**



09:49:29 AM 01-09-2023

Direct IP Settings

Forward Target

Busy Forward □

Forward Target

No Answer Forward □

Forward Target

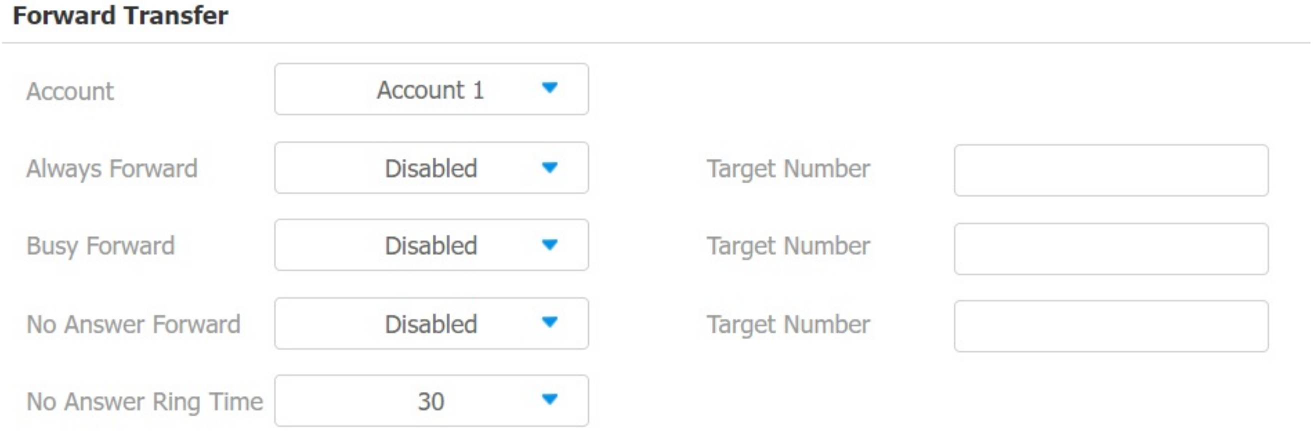
No Answer Ring Time 30

Parameter Set-up:

- **No Answer Forward**: Incoming calls will be forwarded to a specific number if the indoor monitor is not answered.
- **Busy Forward**: Incoming calls will be forwarded to a specific number if the device is busy.
- **Forward Target**: To enter the specific forward number if C313 enables **No Answer Forward.**
- **No Answer Ring Time**: Set the number of seconds to wait for call pick-up before transferring to a designated number (0-120 seconds).

Call Forwarding Configuration on the Web Interface

To set up forward function on web **Phone > Call Feature > Forward Transfer** interface.



Forward Transfer

Account	Account 1		
Always Forward	Disabled	Target Number	
Busy Forward	Disabled	Target Number	
No Answer Forward	Disabled	Target Number	
No Answer Ring Time	30		

Parameter Set-up:

- **Account**: To choose which account shall implement the call forwarding feature.
- **Always Forward**: All incoming calls will be automatically forwarded to a specific number.
- **Busy Forward**: Incoming calls will be forwarded to a specific number if the device is busy.
- **No Answer Forward**: Incoming calls will be forwarded to a specific number if the device is not picked up within no answer ring time.
- **Target Number**: To enter the specific forward number if the device enables always forward/busy forward/no answer forward.
- **No Answer Ring Time**: Set the number of seconds to wait for call pick-up before transferring to a designated number (0-120 seconds).

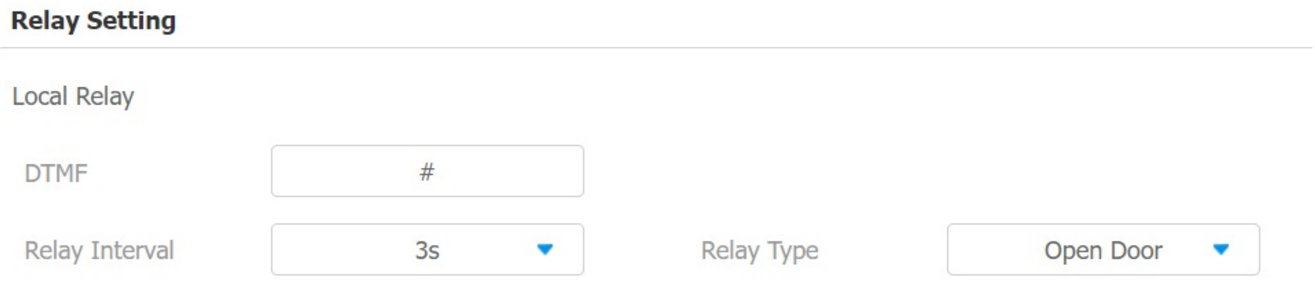
Door Access Control Configuration

Relay Switch Setting

Local Relay Setting

A local relay is an external unit that is physically nearby and directly connected to the intercom device. It allows the intercom system to trigger actions, such as unlocking a door, based on user input or authorization.

You can do this configuration on web interface **Phone** > **Relay** > **Relay Setting** > **Local Relay**.



Relay Setting

Local Relay

DTMF: #

Relay Interval: 3s

Relay Type: Open Door

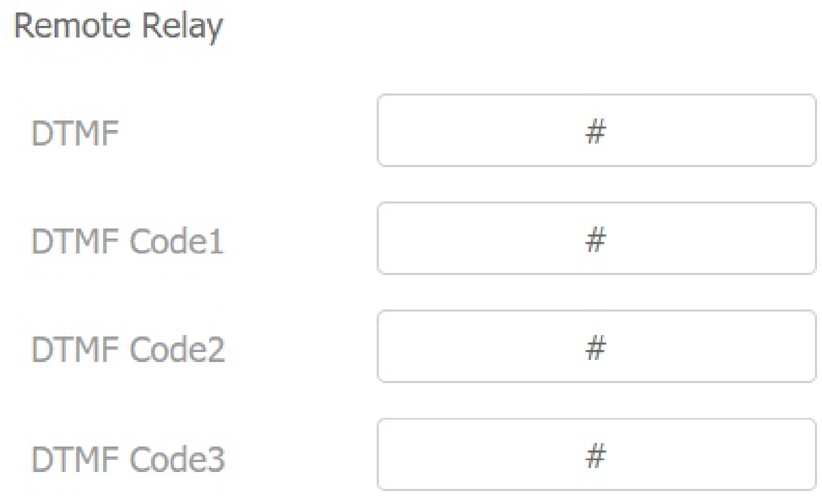
Parameter Set-up:

- **DTMF**: Set the DTMF code for the local relay.
- **Relay Interval**: Set the relay delay time after the relay is triggered.
- **Relay Type**: Set relay action type. There are three options, chime bell, open door, and other switches(reset by event).
    - **Chime Bell**: when there is a call, the chime bell will ring.
    - **Open Door**: when pressing the unlock icon, the local relay will be opened.
    - **Other Switches(Reset By Event)**: when the call is answered, the relay will be reset.

Remote Relay Switch Setting

You can use the unlock tab during the call to open the door. And you are required to set up the same DTMF code in the door phone and indoor monitor.

Go to **Phone** > **Relay** > **Relay Setting** > **Remote Relay** interface.



Remote Relay

DTMF	#
DTMF Code1	#
DTMF Code2	#
DTMF Code3	#

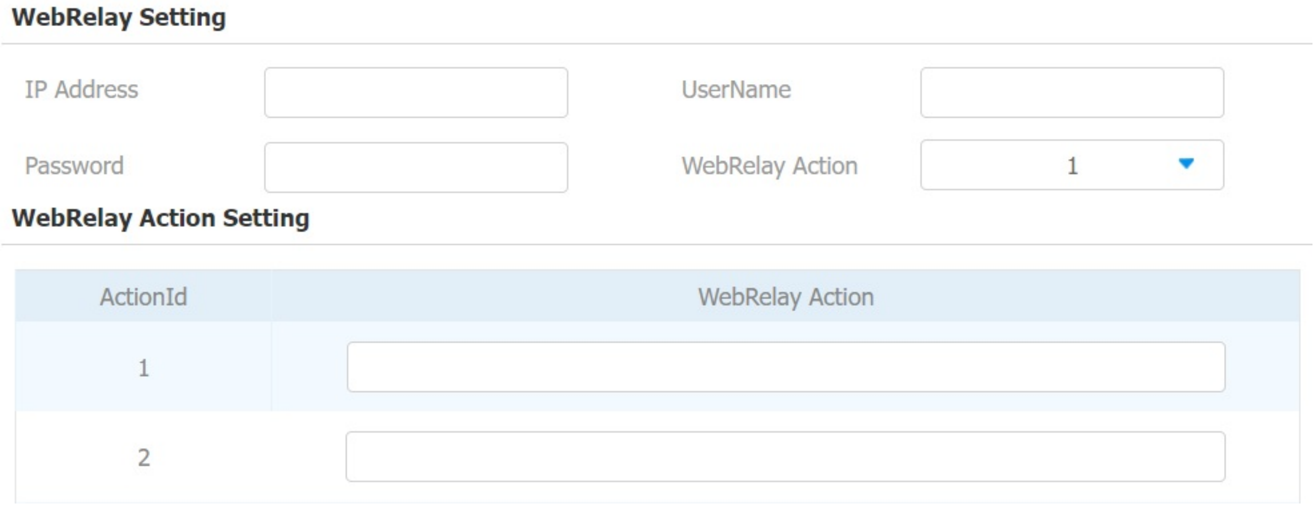
Parameter Set-up:

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

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 on the device web interface.

To do this configuration on web **Phone** > **Relay** > **Web Relay** interface. **IP Address, User Name**, and **Password** are provided by the web relay service provider.



WebRelay Setting

IP Address		UserName	
Password		WebRelay Action	1

WebRelay Action Setting

ActionId	WebRelay Action
1	
2	

Parameter Set-up:

- **Password**: 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

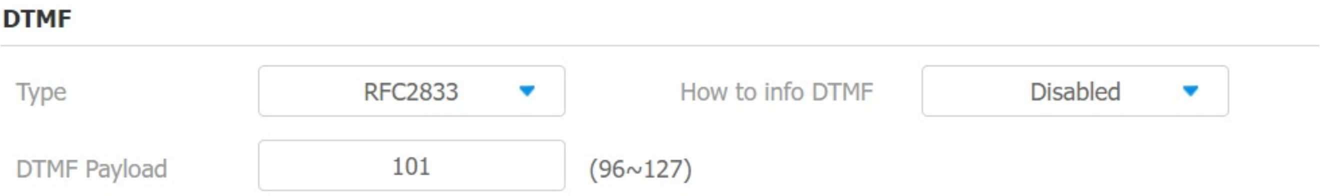
manufacturer for different actions by the web relay.

Door Unlock Configuration

Door Unlock by DTMF Code

Dual-tone multi-frequency signaling(**DTMF**) is a way of sending signals over phone lines by using different voice-frequency bands. Users can use the DTMF function to unlock the door for visitors during a call by either typing the DTMF code on the soft keypad, or tapping the unlock tab with the DTMF code on the screen.

Navigate to the web **Account** > **Advanced** > **DTMF** interface.



DTMF

Type	RFC2833	How to info DTMF	Disabled
DTMF Payload	101	(96~127)	

Parameter Set-up:

- **Type**: Select DTMF type among three options: **Info**, **RFC2833**, and **Info+RFC2833** according to your need.
- **How to info DTMF**: Select among four options: **Disable, DTMF, DTMF-Relay, Telephone-Event** according to your need.
- **DTMF Payload**: Select the payload 96-127 for data transmission identification.

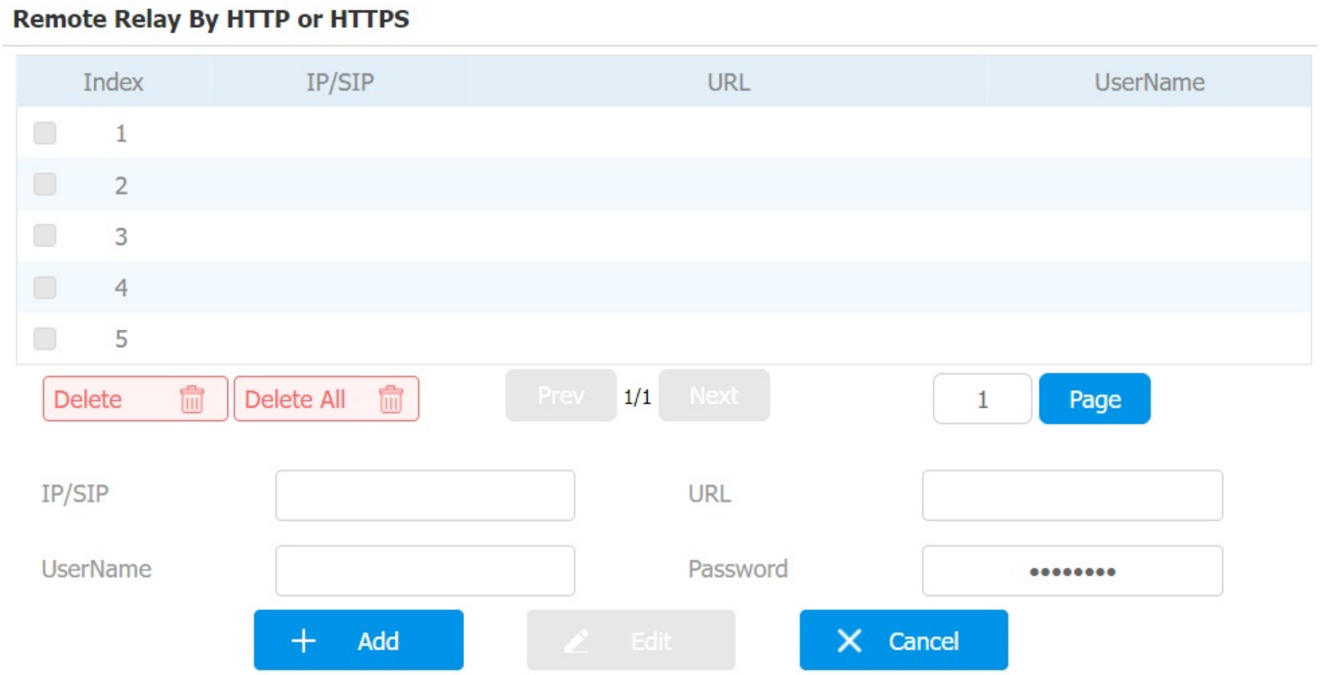
Note

- Please refer to the **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.

Door Unlock via HTTP Command

The device supports remote door unlocking via an HTTP command. Simply enable this feature and input the HTTP command (URL) for the device. This will trigger the relay and open the door, even if the users are away from the device.

To do this configuration on web interface **Phone > Relay > Remote Relay By HTTP or HTTPS**.



Remote Relay By HTTP or HTTPS

Index	IP/SIP	URL	UserName
□ 1			
□ 2			
□ 3			
□ 4			
□ 5			

IP/SIP		URL	
UserName		Password	•••••••••

Parameter Set-up:

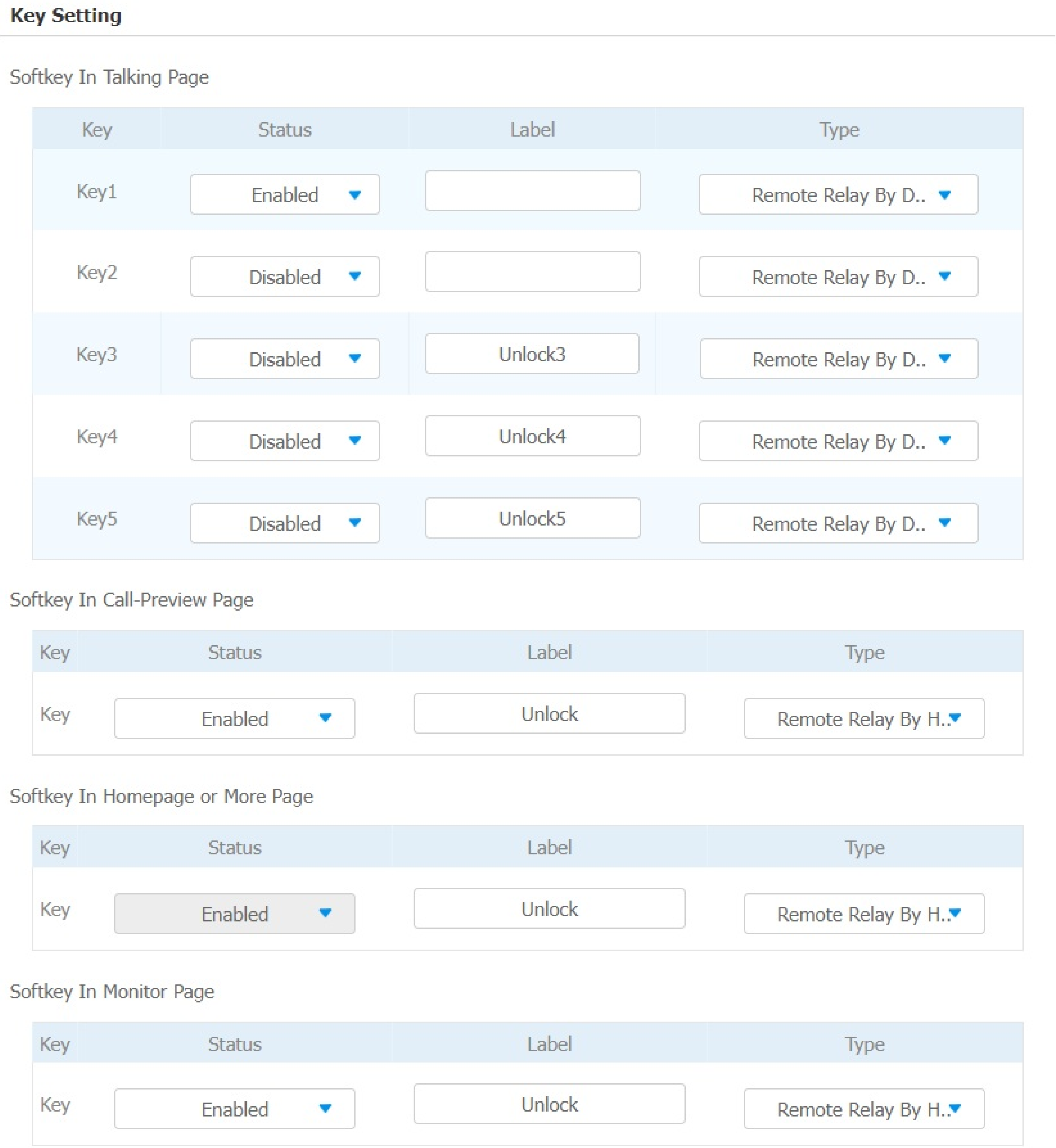
- **IP/SIP**: To configure IP address or SIP account to trigger a certain remote relay of doorphone by sending HTTP message.
- **Username**: Enter the device username to be used as a part of HTTP command to trigger the local relay.
- **Password**: Enter the device password to be used as part of HTTP command to trigger the local relay. Please refer to the following example: http://192.168.35.127/fcgi/do?action=OpenDoor&UserName=admin&Password=12345&DoorNum=1

Note

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

Unlock by Icon Button

To set up the unlock key in C313 for unlocking on web interface **Phone > Relay > Key Setting**.



Key Setting

Softkey In Talking Page

Key	Status	Label	Type
Key1	Enabled		Remote Relay By D..
Key2	Disabled		Remote Relay By D..
Key3	Disabled	Unlock3	Remote Relay By D..
Key4	Disabled	Unlock4	Remote Relay By D..
Key5	Disabled	Unlock5	Remote Relay By D..

Softkey In Call-Preview Page

Key	Status	Label	Type
Key	Enabled	Unlock	Remote Relay By H..

Softkey In Homepage or More Page

Key	Status	Label	Type
Key	Enabled	Unlock	Remote Relay By H..

Softkey In Monitor Page

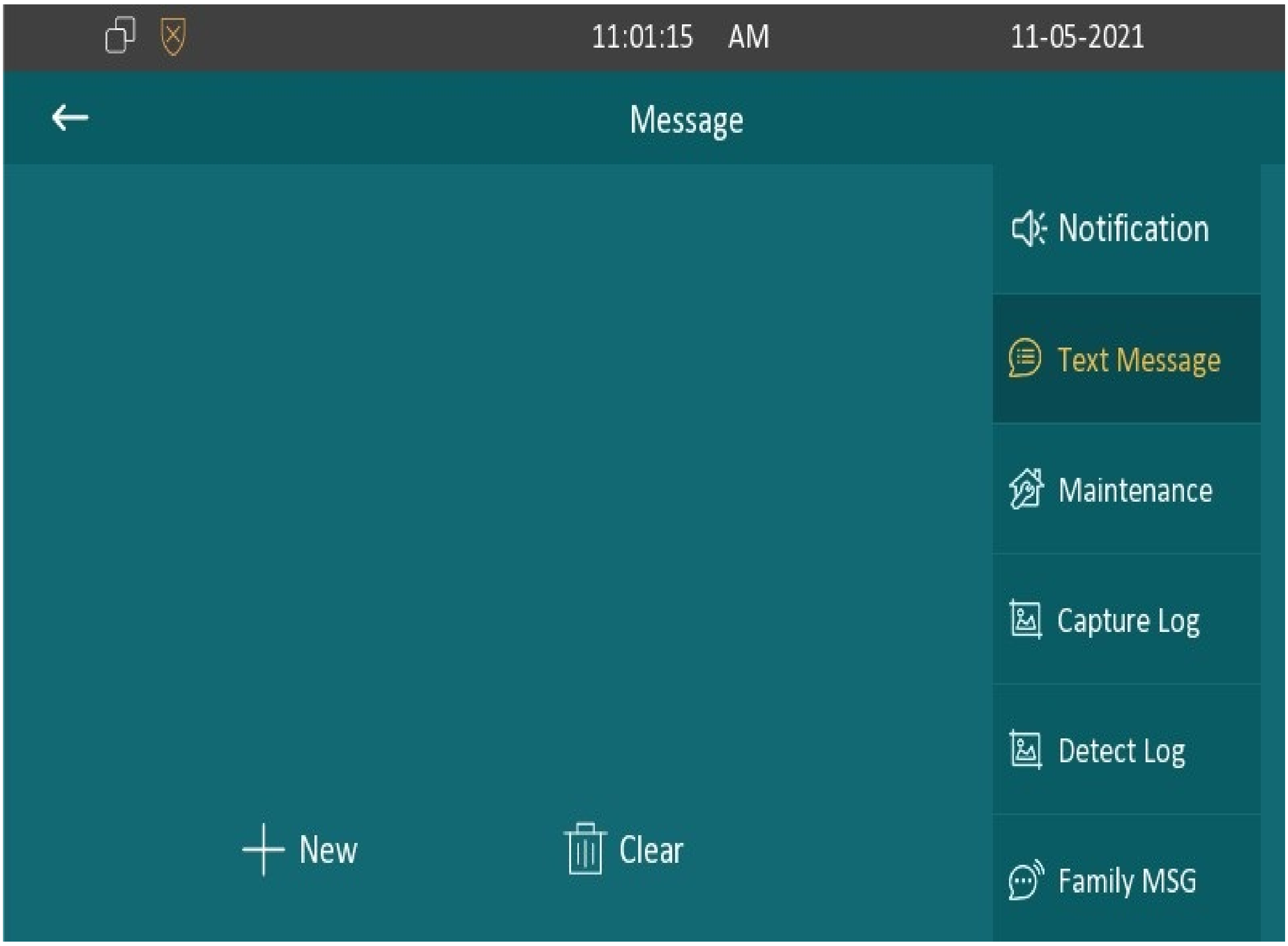
Key	Status	Label	Type
Key	Enabled	Unlock	Remote Relay By H..

Intercom Message Setting

Manage Text Messages

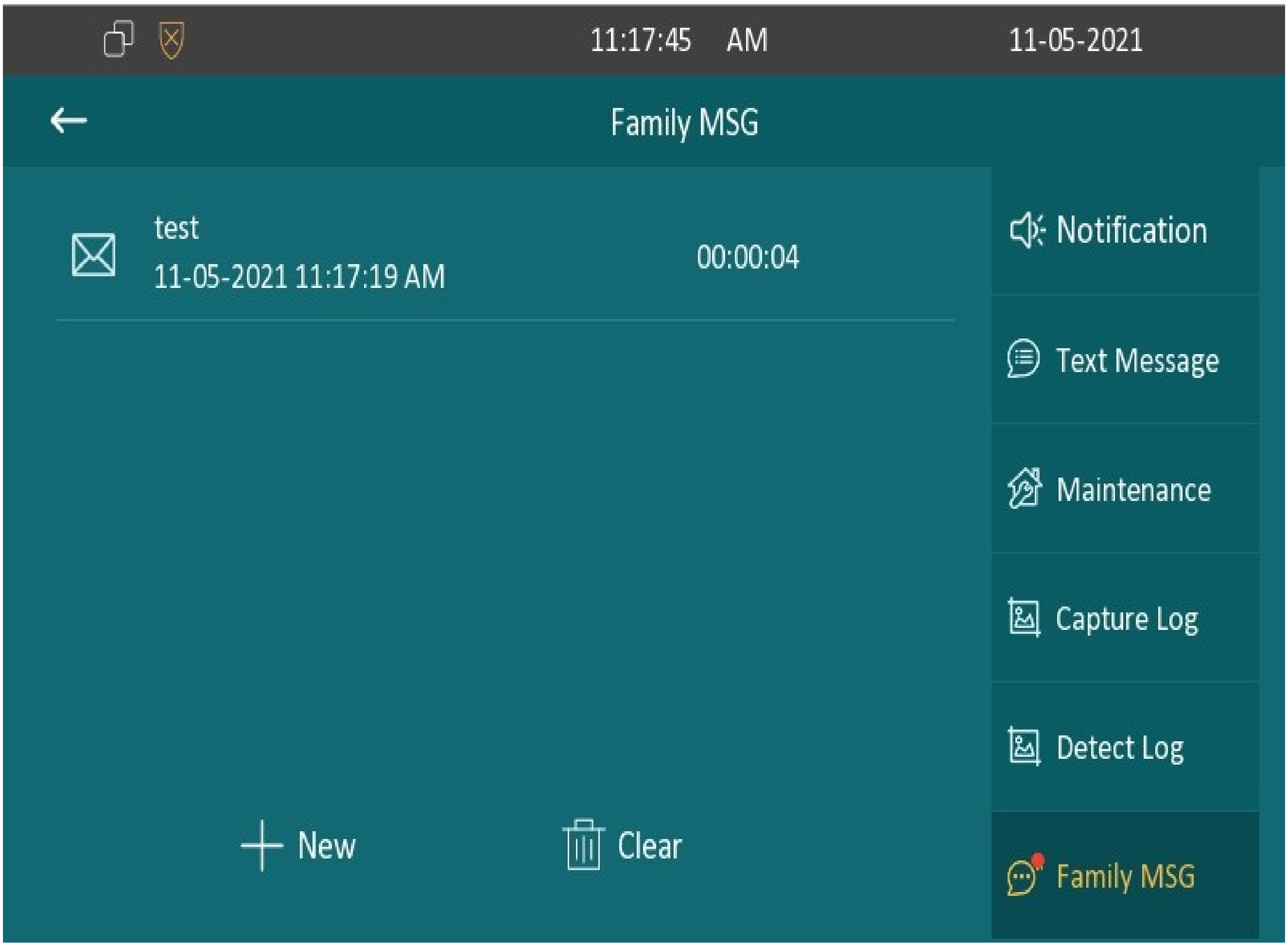
You can check, create and clear messages as needed on the indoor monitor **Messages** screen. Click **New** to create a new text message and **Clear** icon to delete the existing messages.

Navigate to **Message > Text Message** interface.



Manage Voice Messages

You can create, delete and view the audio messages recorded by family members on the device screen **Message > Family MSG.**

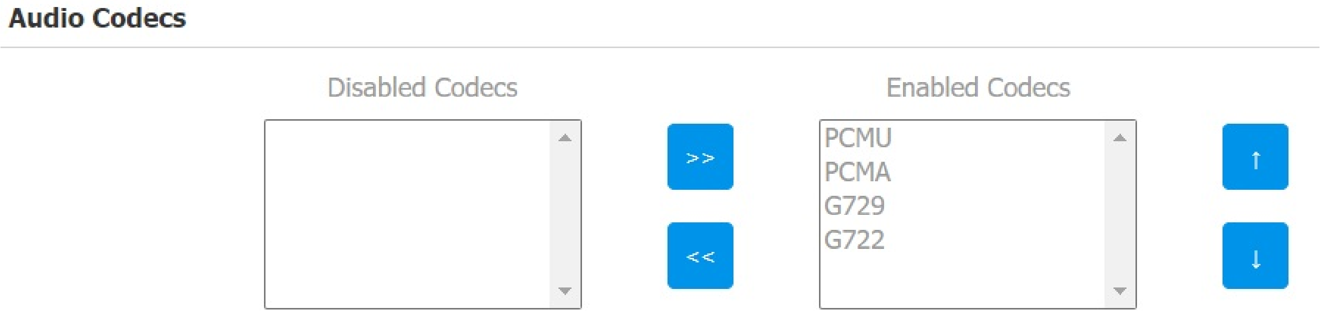


Audio & Video Codec Configuration for SIP Calls

Audio Codec Configuration

The door phone supports four types of Codec (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 the web **Account> Advanced > Audio Codecs** interface.



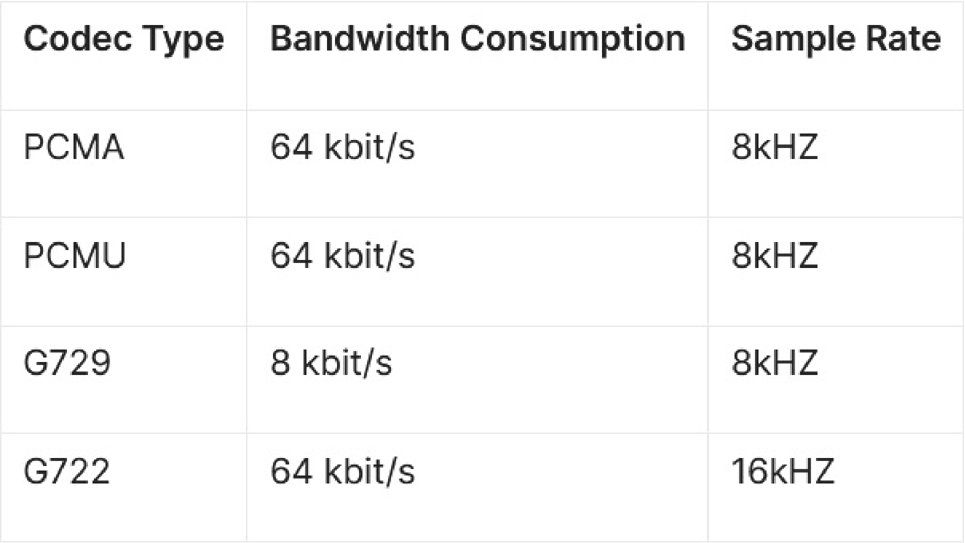
Audio Codecs

Disabled Codecs

Enabled Codecs

PCMU
PCMA
G729
G722

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

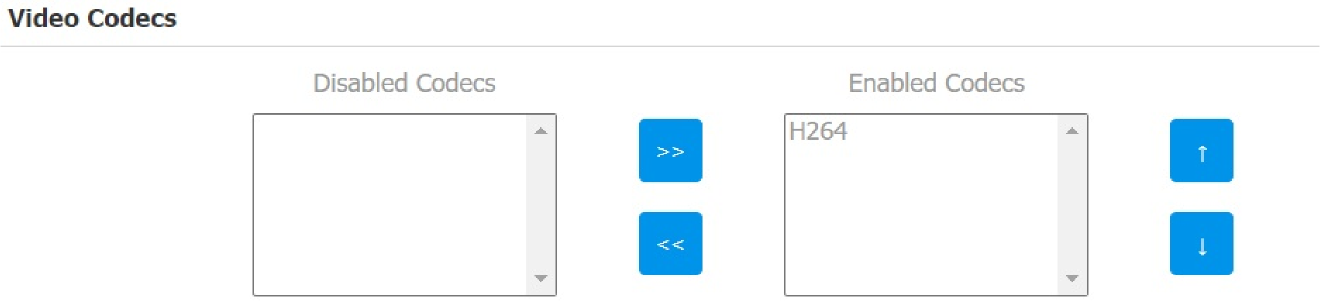


Codec Type	Bandwidth Consumption	Sample Rate
PCMA	64 kbit/s	8kHZ
PCMU	64 kbit/s	8kHZ
G729	8 kbit/s	8kHZ
G722	64 kbit/s	16kHZ

Video Codec Configuration

The door phone supports the H264 codec that provides better video quality at a much lower bit rate with different video quality and payload.

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



Video Codecs

Disabled Codecs:

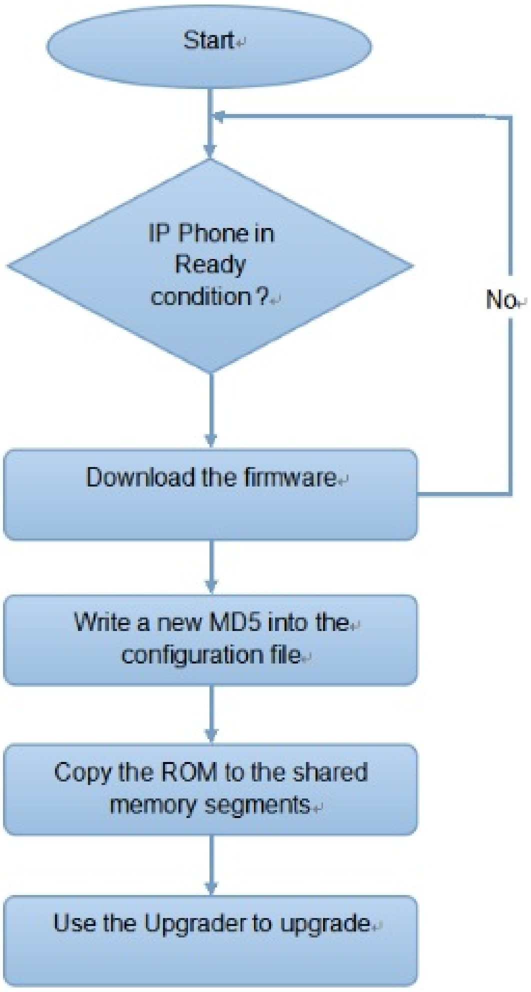
Enabled Codecs: H264

Auto-provisioning

Provisioning Principle

Auto-provisioning is a feature used to configure or upgrade devices in batch via third-party servers. **DHCP, PNP, TFTP, FTP, and HTTPS** are the protocols used by the Akuvox 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 device.

Please see the flow chart below:


Start
IP Phone in Ready condition ?
No
Download the firmware
Write a new MD5 into the configuration file
Copy the ROM to the shared memory segments
Use the Upgrader to upgrade

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 another one is the MAC-based configuration provisioning.

The difference between the two types of configuration files:

- **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. 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

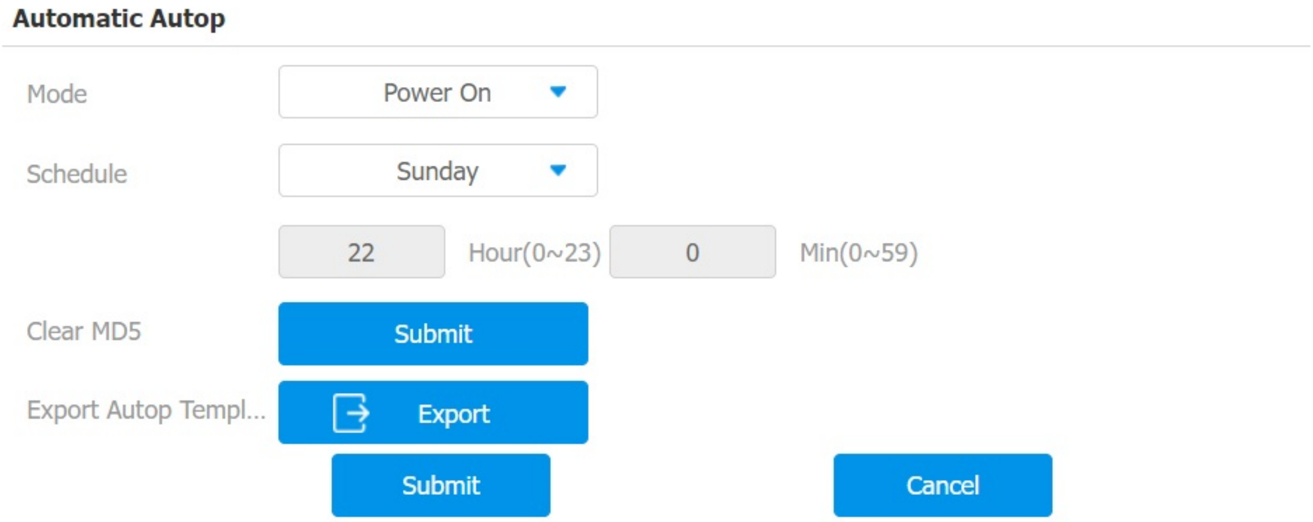
- The configuration file should be in CFG format.
- The general configuration file for the in-batch provisioning varies by model.
- The MAC-based configuration file for the specific device provisioning is named by its MAC address.
- If a server has these two types of configuration files, devices will first access the general configuration files before accessing the MAC-based configuration files.

You may click here to see the detailed format and steps.

Autop Schedule

Akuvox provides you with different Autop methods that enable the device to perform provisioning for itself according to the schedule.

To set up the schedule on the device web **Upgrade > Advanced > Automatic Autop** interface.



Automatic Autop

Mode: Power On

Schedule: Sunday

22 Hour(0~23) 0 Min(0~59)

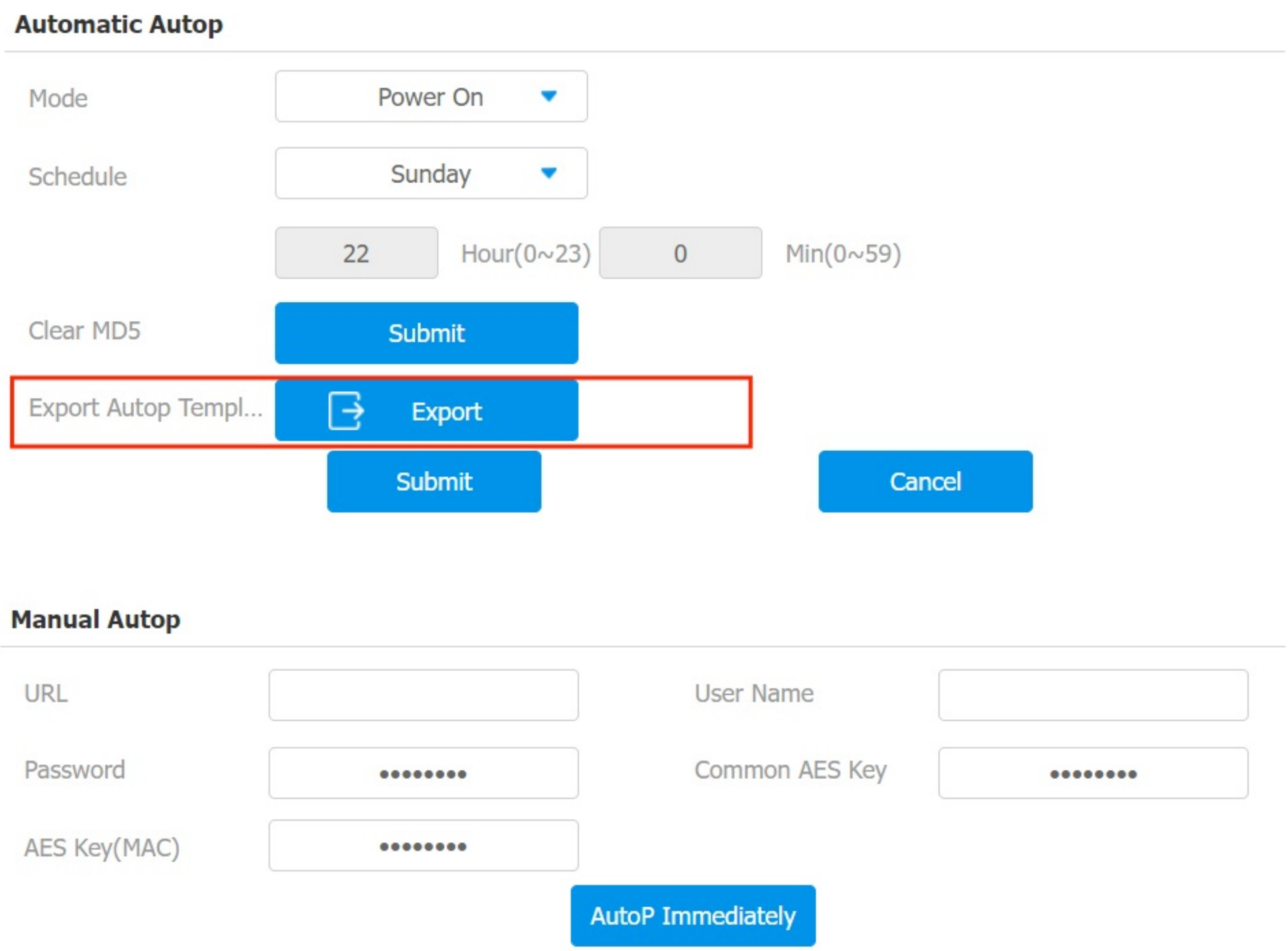
Parameter Set-up:

- **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.

Static Provisioning Configuration

You can manually set up a specific server URL for downloading the firmware or configuration file. If an auto-provision schedule is set up, the device will perform the auto-provisioning at a specific time according to the auto provision 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.

To download the template on **Upgrade > Advanced > Automatic Autop** , and set up the Auto-provisioning server on **Upgrade > Advanced > Manual Autop** interface.



Automatic Autop

Mode: Power On

Schedule: Sunday

22 Hour(0~23) 0 Min(0~59)

Clear MD5: Submit

Export Autop Templ...: Export

Submit Cancel

Manual Autop

URL:

User Name:

Password: ••••••••

Common AES Key: ••••••••

AES Key(MAC): ••••••••

AutoP Immediately

Parameter Set-up:

- **URL**: set up TFTP, HTTP, HTTPS, and FTP server address for the provisioning.
- **Username**: set up a username if the server needs a username to be accessed to.
- **Password**: set up a password if the server needs a password to be accessed to.
- **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 as one type of encryption should be configured only when the config file is encrypted with AES.
- Server Address Format:
  - TFTP: tftp://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)

Tip

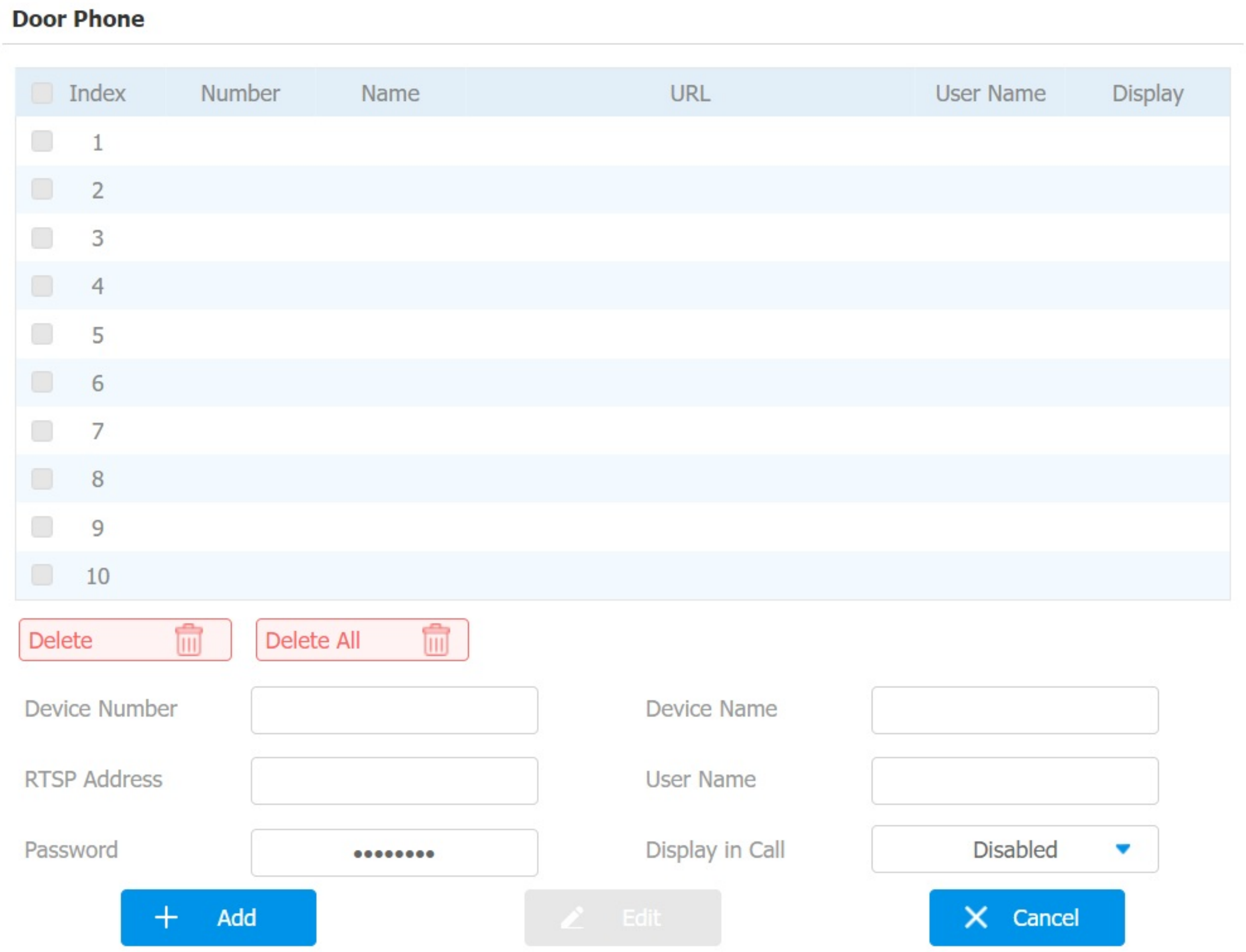
- Akuvox do not provide user specified server. Please prepare TFTP/FTP/HTTP/HTTPS server by yourself.

Security

Monitor and Image

Monitor Setting

You can configure the monitor setting on the web interface **Phone > Monitor > Door Phone**.



Door Phone

□ Index	Number	Name	URL	User Name	Display
□ 1					
□ 2					
□ 3					
□ 4					
□ 5					
□ 6					
□ 7					
□ 8					
□ 9					
□ 10					

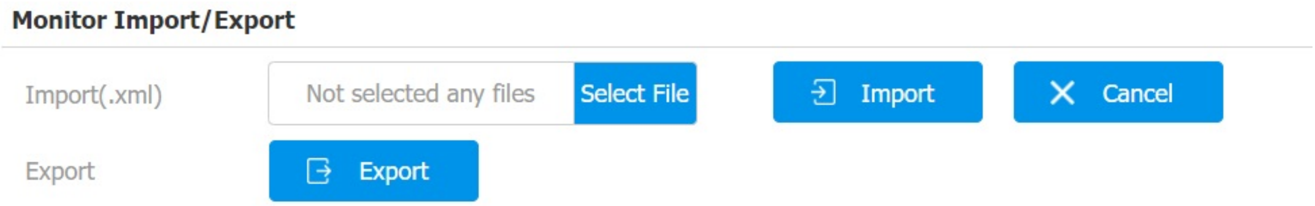
Device Number		Device Name	
RTSP Address		User Name	
Password	••••••••	Display in Call	Disabled

Parameter Set-up:

- **Device Number**: To enter the IP address or SIP number of the corresponding camera.
- **Device Name**: To enter the device name of doorphone, which could be set by users.
- **RTSP Address**: To set RTSP URL for the doorphone. The RTSP format of Akuvox doorphone is **rtsp://device IP/live/ch00_0**
- **User Name**: enter the username if needed. The username of third-party camera is provided by the third-party camera service provider.

- **Password**: enter the password if needed. The password of third-party camera is provided by the third-party camera service provider.
- **Display in Call**: Enable or disable to display this monitor during the call. If enabled, when there is an incoming call from the monitor, the video will be displayed.

You can also import or export the monitor list in batch on the same interface. Import file only supports **.xml** format.



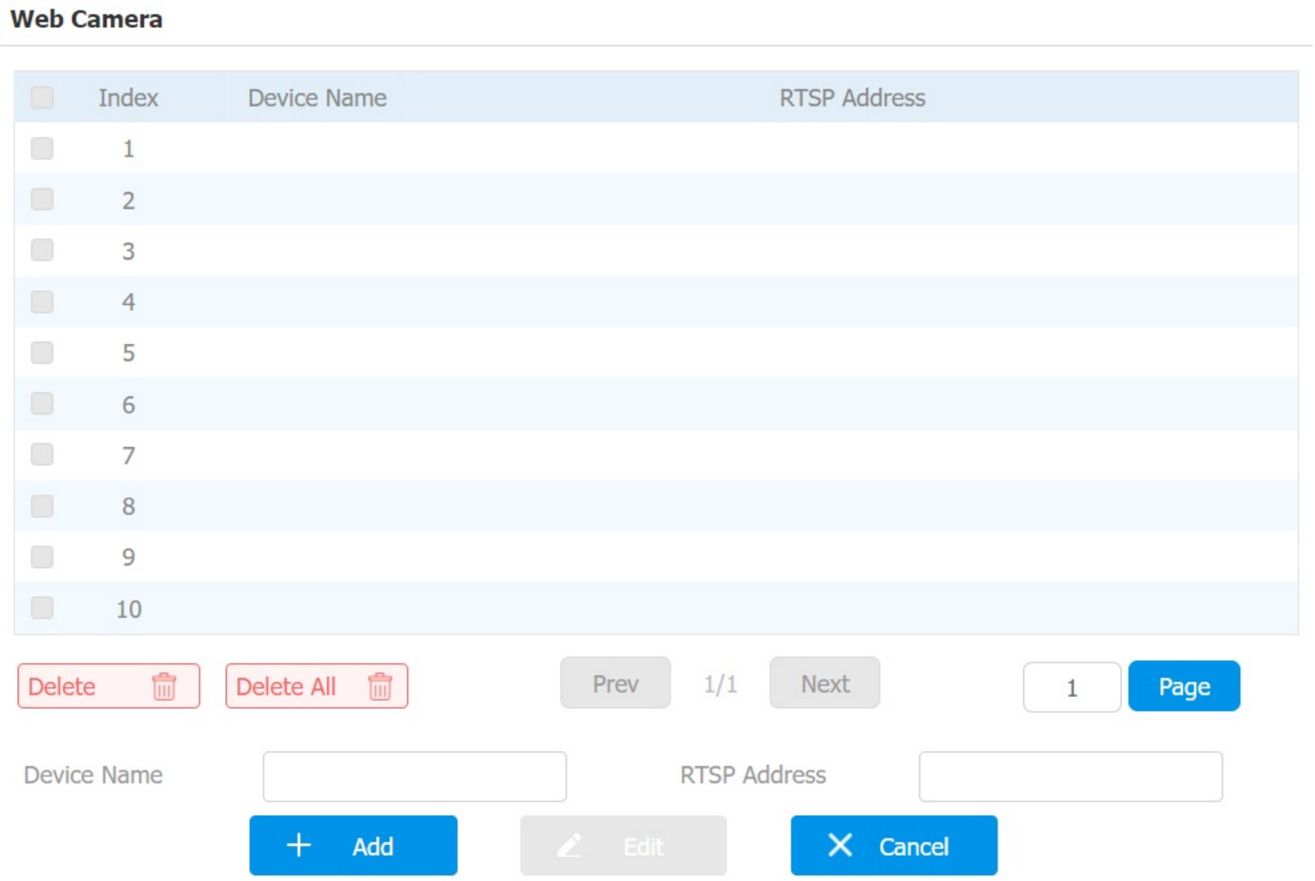
Monitor Import/Export

Import(.xml) | Not selected any files

Export

Web Camera Setting

You can configure the monitor information for third-party cameras on the web interface **Phone > Monitor > Web Camera.**



Web Camera

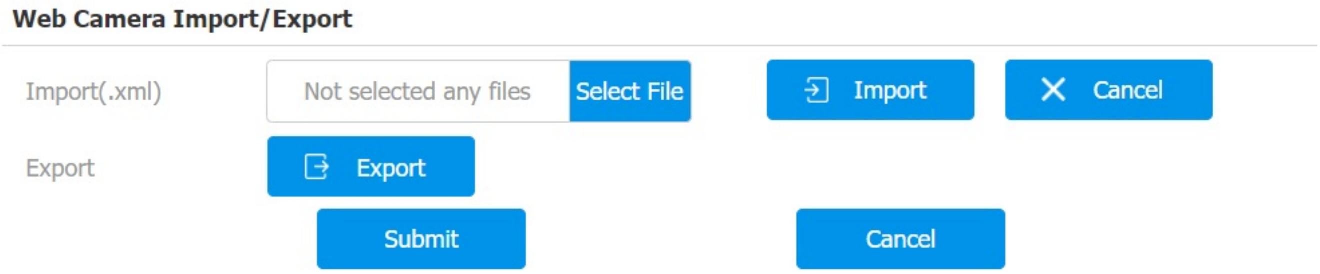
□	Index	Device Name	RTSP Address
□	1		
□	2		
□	3		
□	4		
□	5		
□	6		
□	7		
□	8		
□	9		
□	10		

Device Name | RTSP Address

Parameter Set-up:

- **Device Name**: To enter the name of the third-party camera.
- **RTSP Address**: To set the RTSP URL for the third-party camera.

You can also import or export the monitor list in batch on the same interface. The import file only supports **.xml** format.



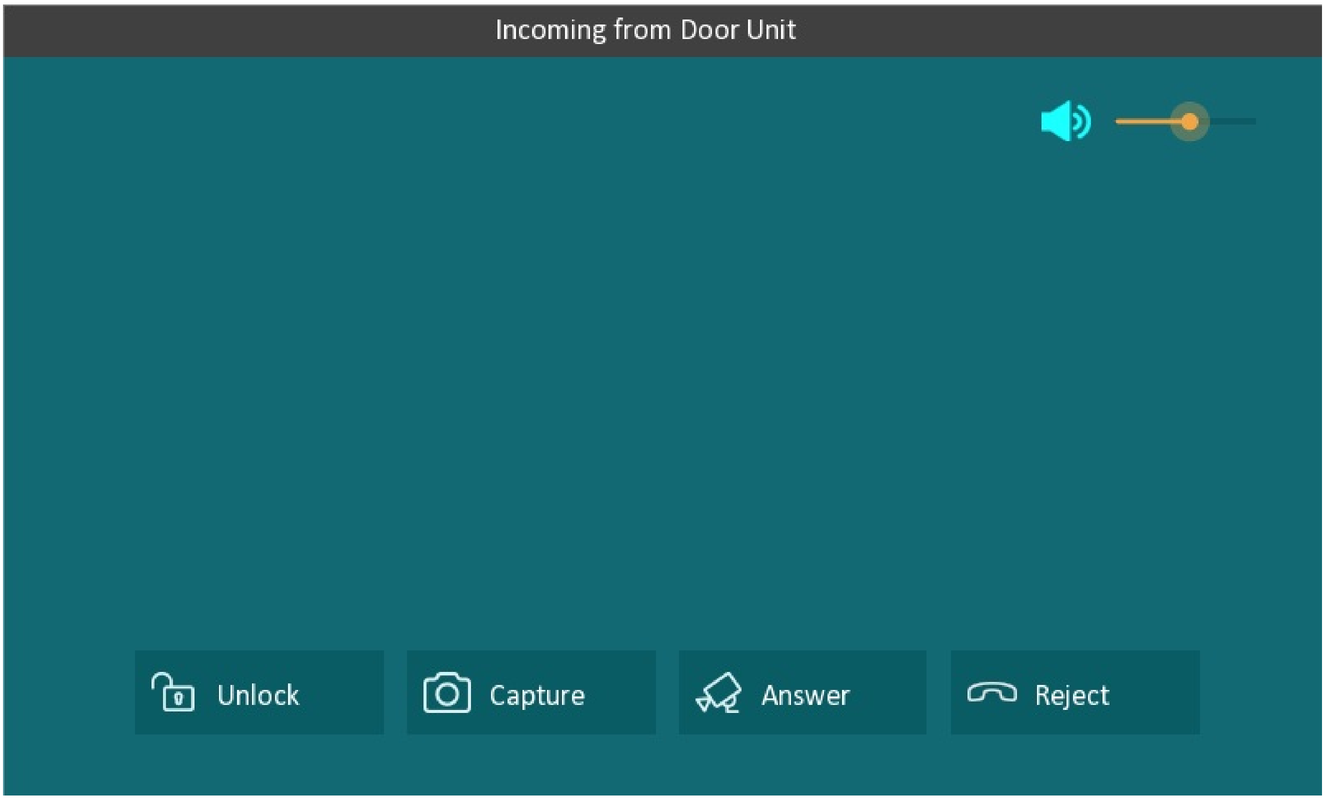
Web Camera Import/Export

Import(.xml) Not selected any files

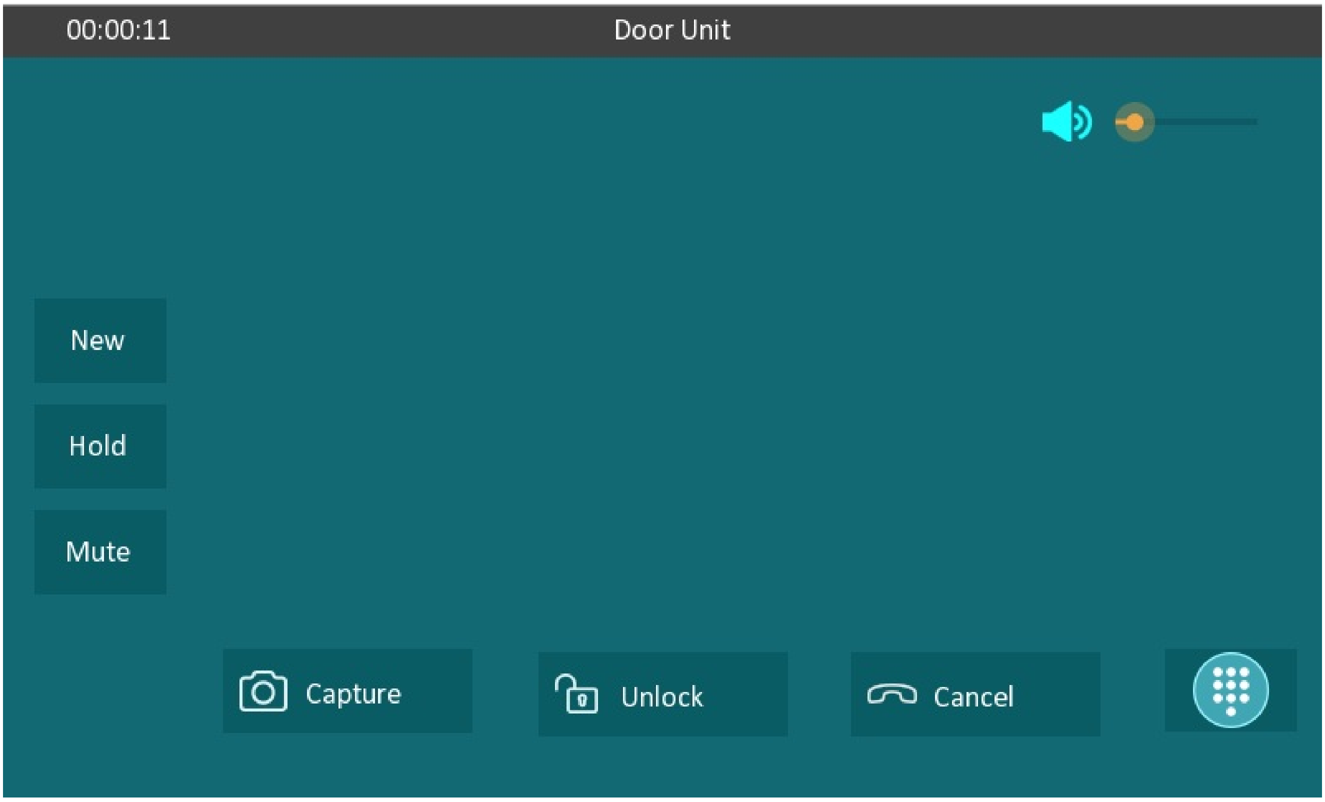
Export

Video Image Capturing

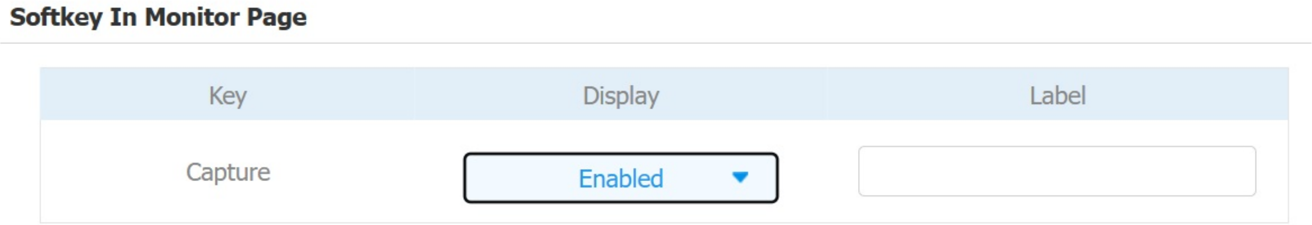
The device lets users take a screenshot during a video call or while using the monitor if they notice anything unusual. To take a screenshot, simply tap the Capture button.



Incoming from Door Unit

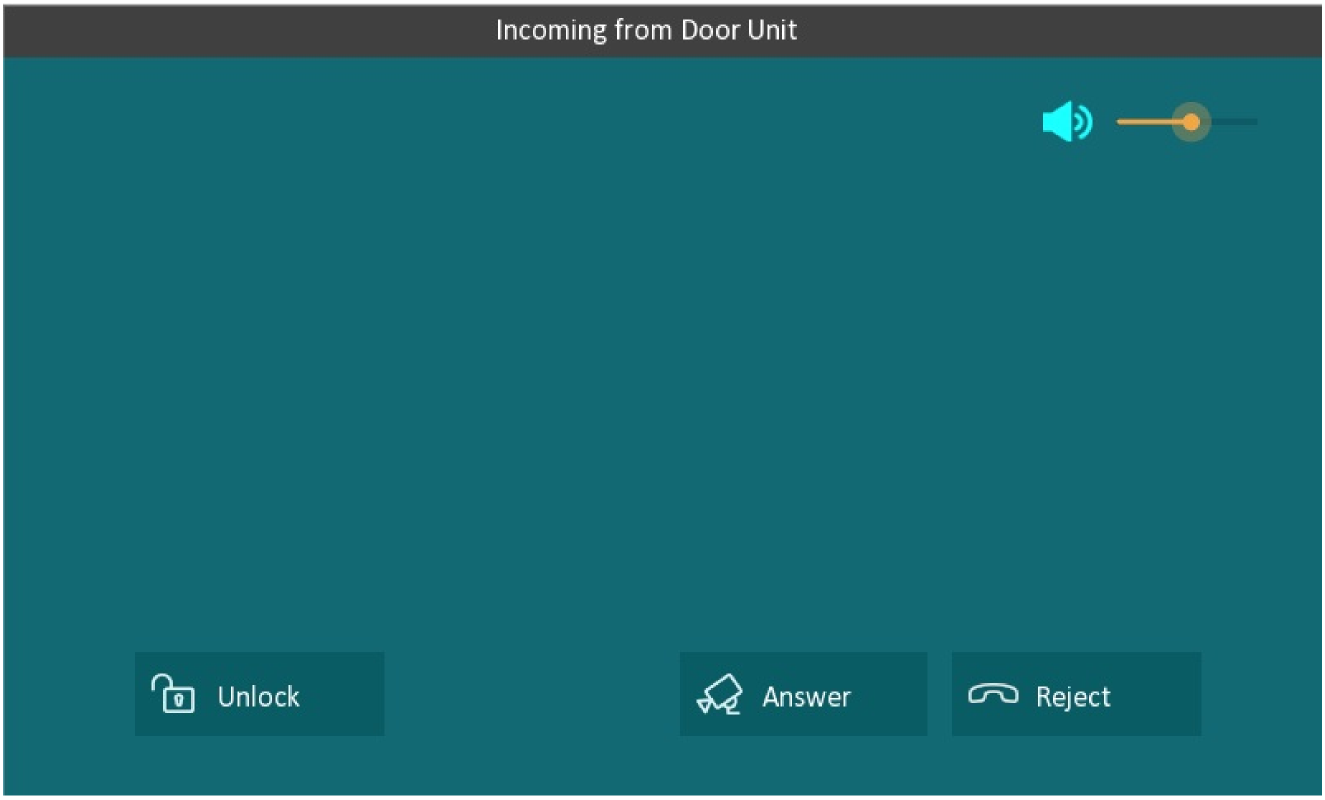


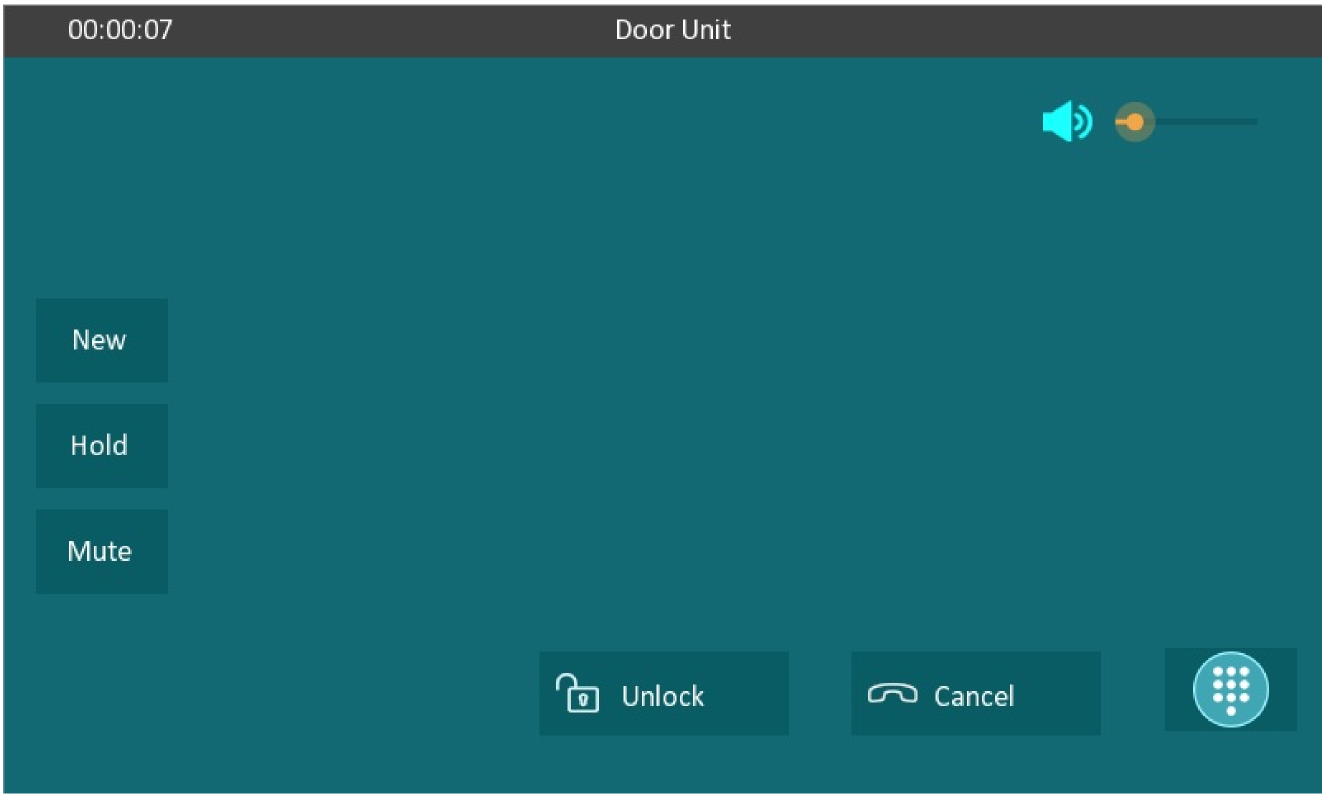
You can also disable capture function on device web interface **Phone > Key/Display > Softkey In Monitor Page**.



Softkey In Monitor Page

Key	Display	Label
Capture	Enabled	

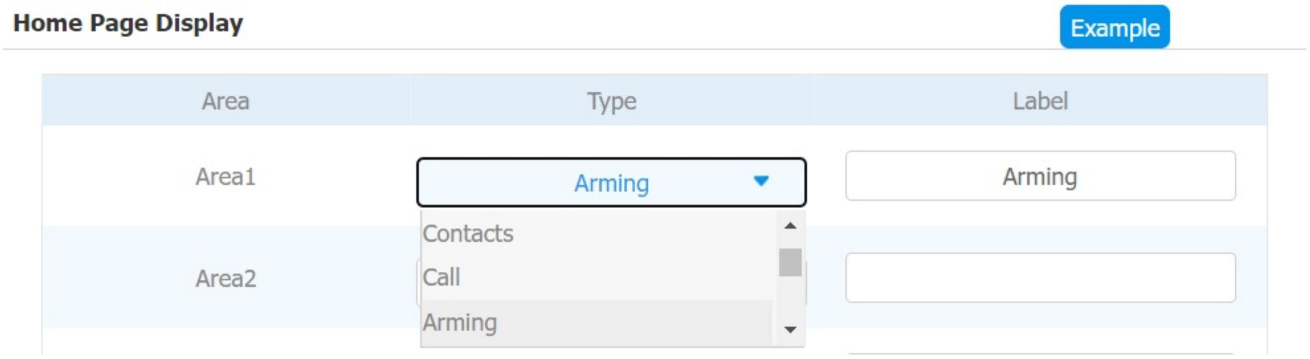




Alarm and Arming Configuration

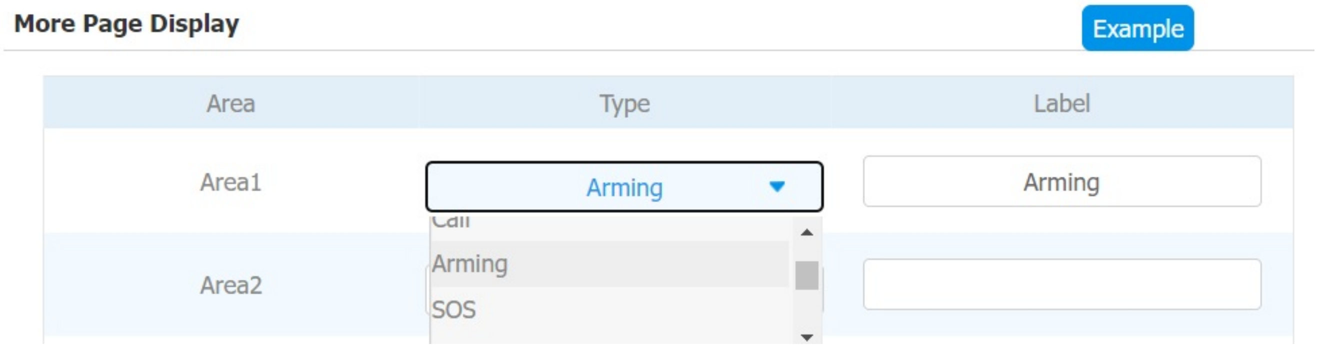
The Arming function is designed to enhance home security by offering three modes with custom zone settings for connected sensors. When armed, the device will sound a siren and notify specific people if a sensor detects something unusual.

Go to **Phone > Key/Display** interface.



Home Page Display

Area	Type	Label
Area1	Arming	Arming
Area2		

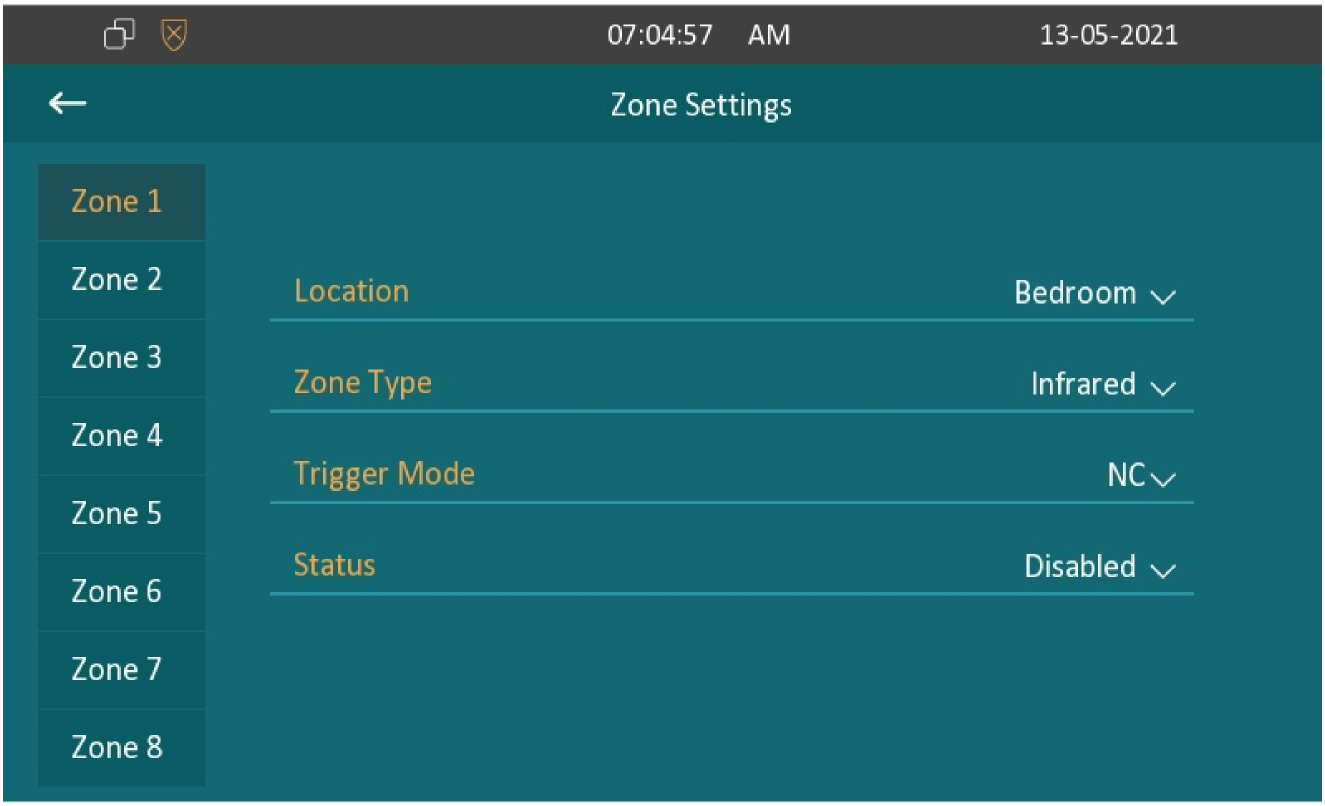


More Page Display

Area	Type	Label
Area1	Arming	Arming
Area2		

Configure Alarm and Arming on the Device

To set up a location-based alarm sensor on device screen **More** > **Setting** > **Advance** > **Arming**.



07:04:57 AM 13-05-2021

Zone Settings

Location Bedroom

Zone Type Infrared

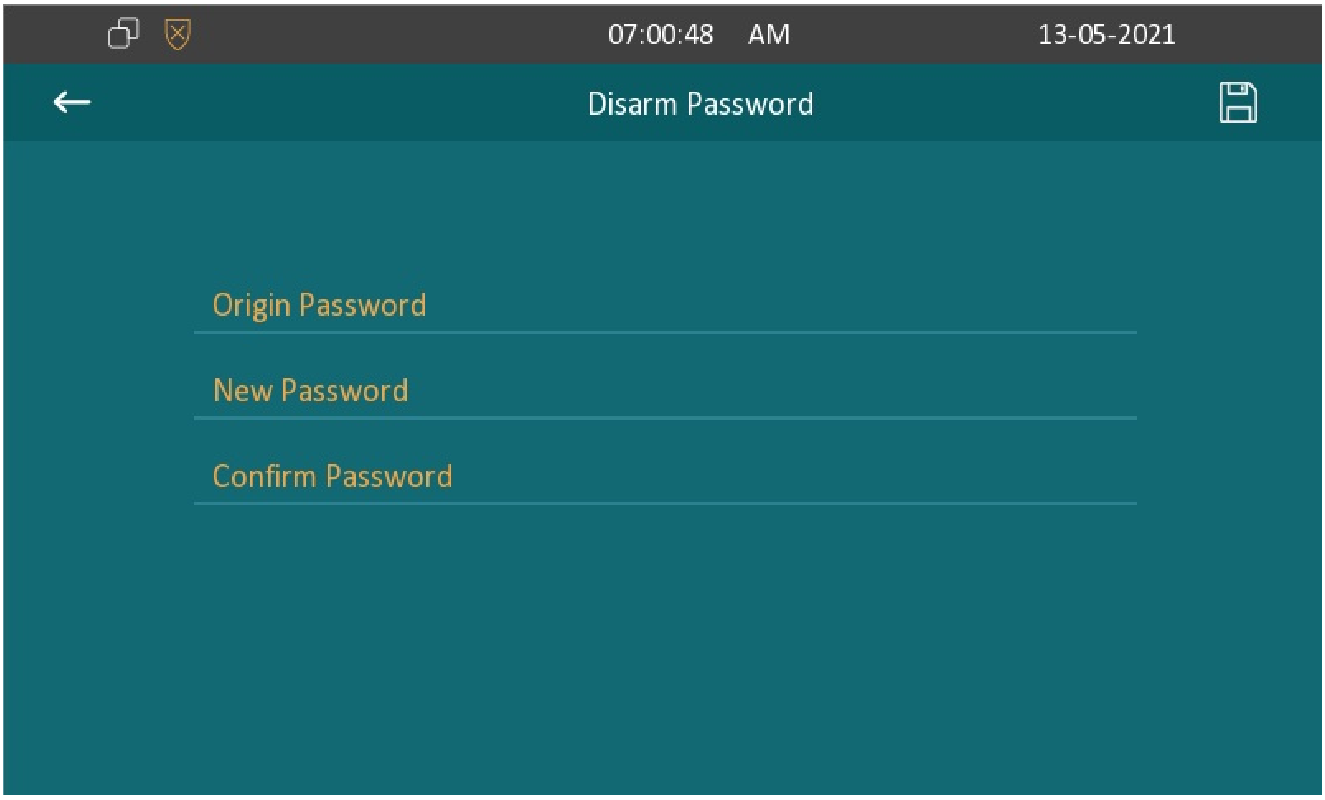
Trigger Mode NC

Status Disabled

Parameter Set-up:

- **Location**: Set up the location according to where the alarm sensor is stalled. 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 sensor types (**Infrared, Drmagnet, Smoke, Gas, 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, 24H**. Select **Enable** if you want to enable 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.

To configure the disarm code, press **Arming** on the device home screen. Change the current password and save it.

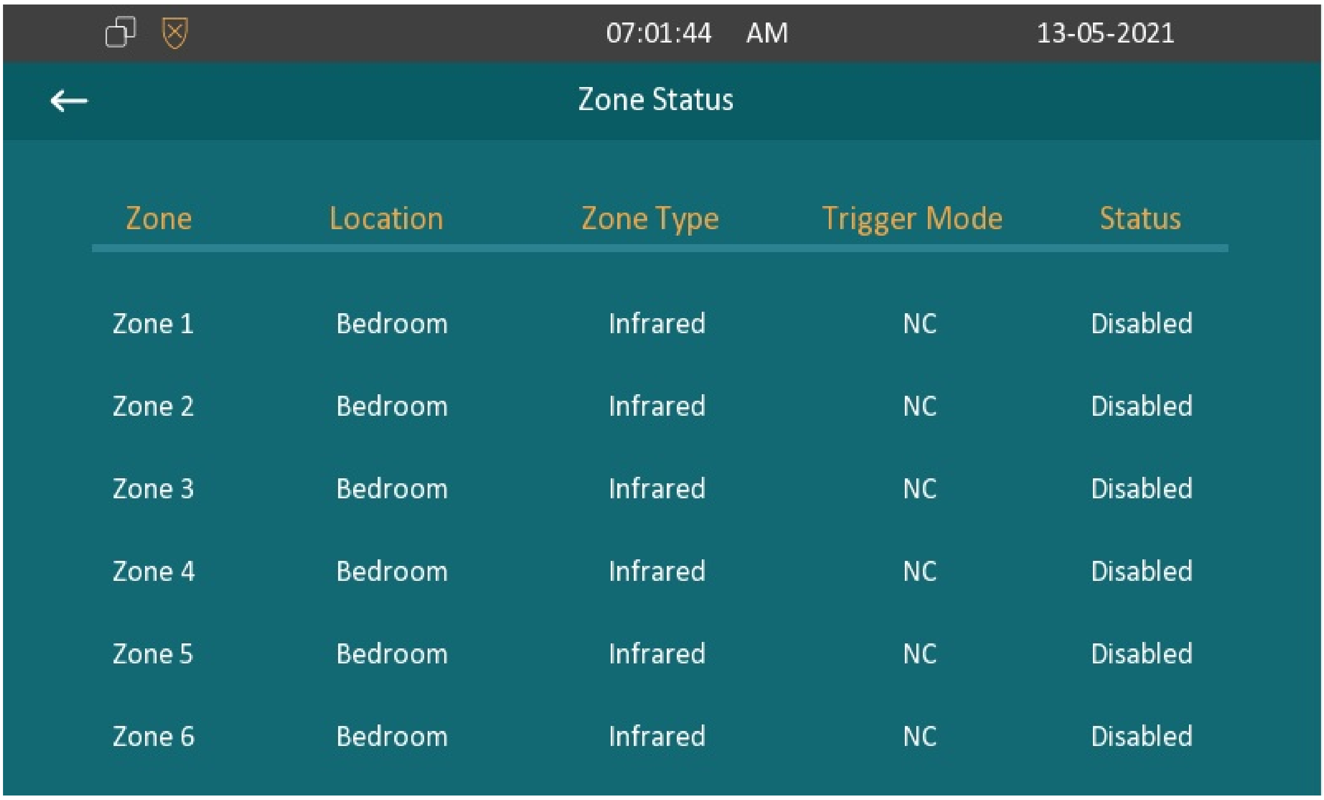


Origin Password

New Password

Confirm Password

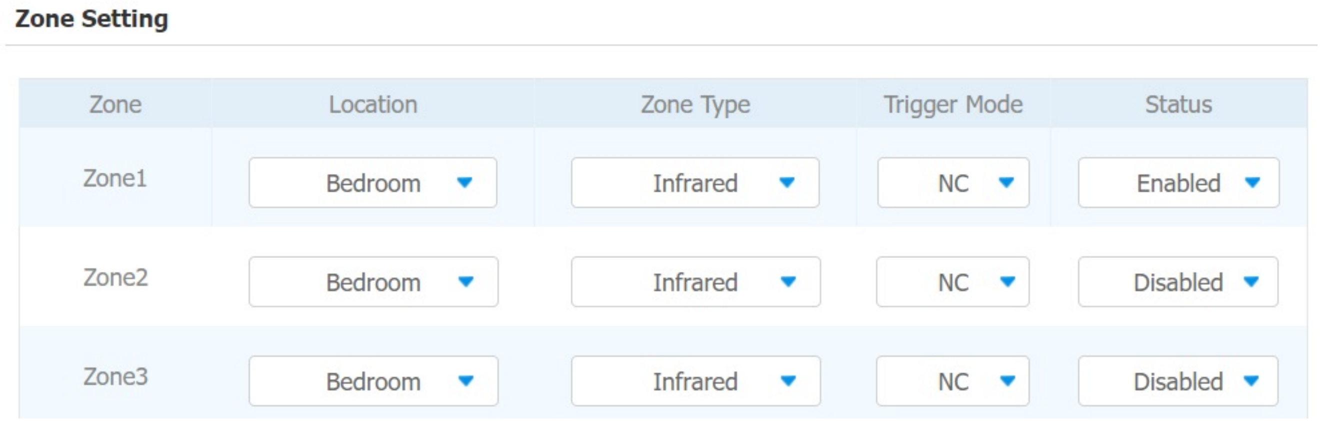
To check the zone status on **Arming** > **Zone Status** screen.



Zone	Location	Zone Type	Trigger Mode	Status
Zone 1	Bedroom	Infrared	NC	Disabled
Zone 2	Bedroom	Infrared	NC	Disabled
Zone 3	Bedroom	Infrared	NC	Disabled
Zone 4	Bedroom	Infrared	NC	Disabled
Zone 5	Bedroom	Infrared	NC	Disabled
Zone 6	Bedroom	Infrared	NC	Disabled

Configure Alarm and Arming on the Web Interface

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



Zone Setting

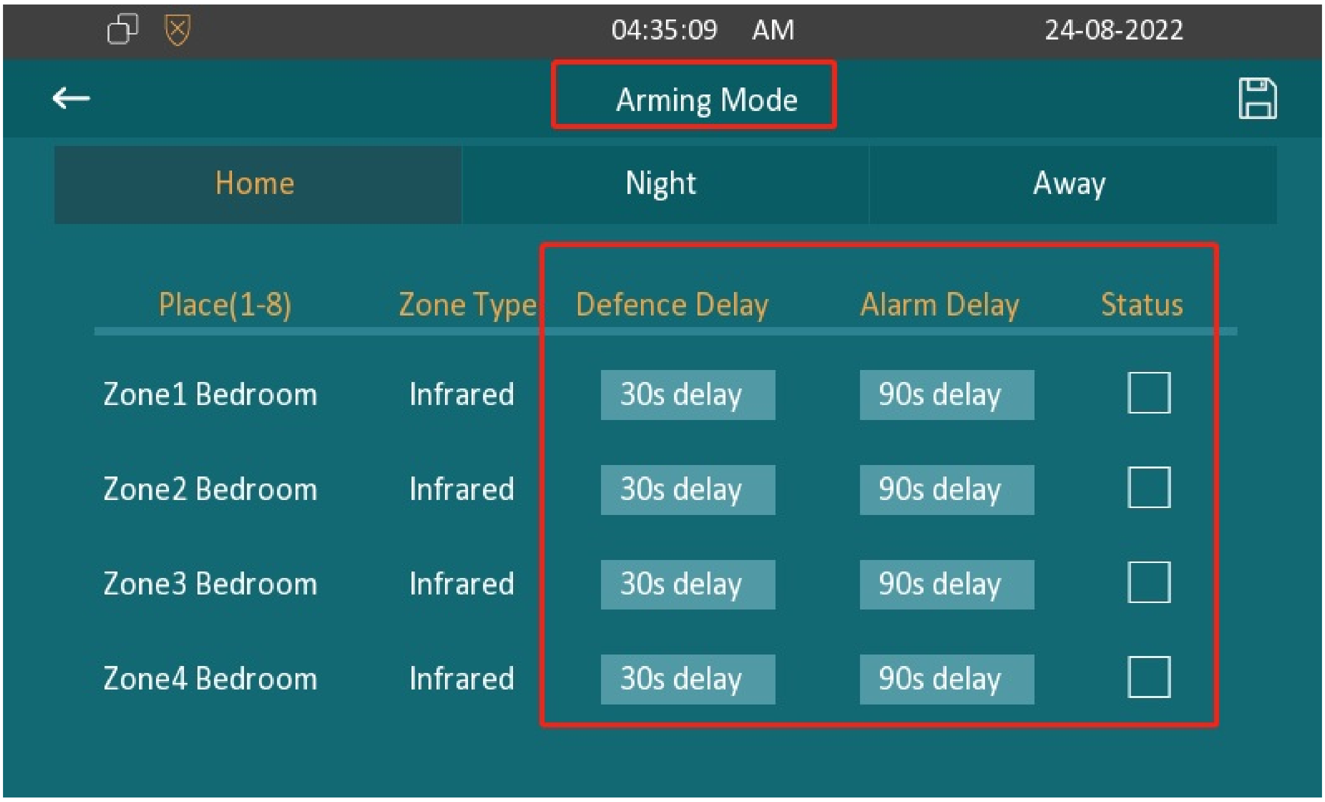
Zone	Location	Zone Type	Trigger Mode	Status
Zone1	Bedroom	Infrared	NC	Enabled
Zone2	Bedroom	Infrared	NC	Disabled
Zone3	Bedroom	Infrared	NC	Disabled

Parameter Set-up:

- **Location**: Set up the location according to where the alarm sensor is stalled. 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, 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, 24H**. Select **Enable** if you want to enable 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.

Configure Location-based Alarm on the Device Screen

Configure the location-based alarm, press **Arming** on home screen and then **Arming Mode**.



04:35:09 AM 24-08-2022

Arming Mode

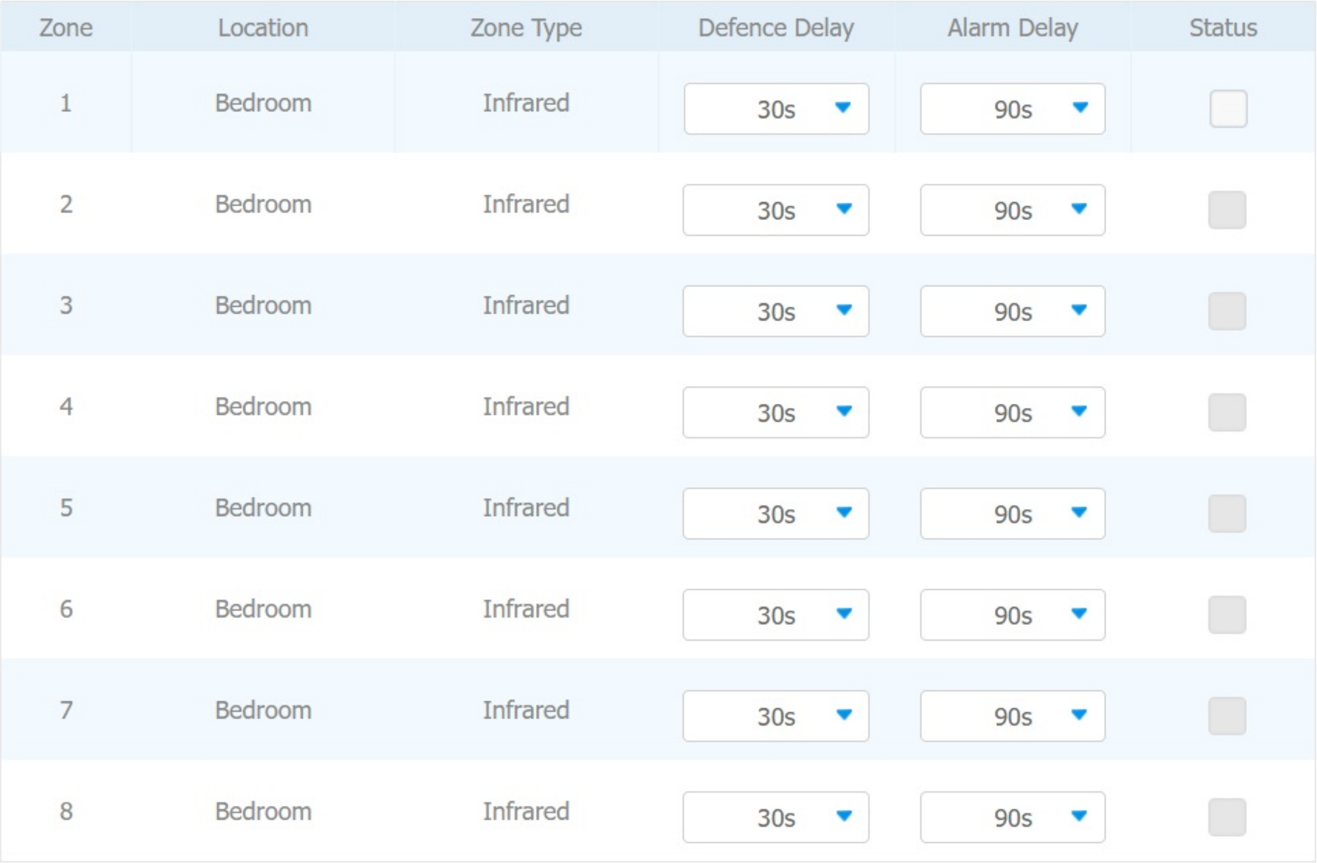
Place(1-8)	Zone Type	Defence Delay	Alarm Delay	Status
Zone1 Bedroom	Infrared	30s delay	90s delay	□
Zone2 Bedroom	Infrared	30s delay	90s delay	□
Zone3 Bedroom	Infrared	30s delay	90s delay	□
Zone4 Bedroom	Infrared	30s delay	90s delay	□

Parameters Set-up:

- **Place**: To display which location the detection device is located.
- **Zone Type**: To display the type of detection device.
- **Defence delay**: It means when users enable the arming mode, there will be 30 seconds delay time for the alarm mode to be 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.

Configure Location-based Alarm on the Web Interface

Configure the location-based alarm on the device web interface **Arming > Arming Mode**.

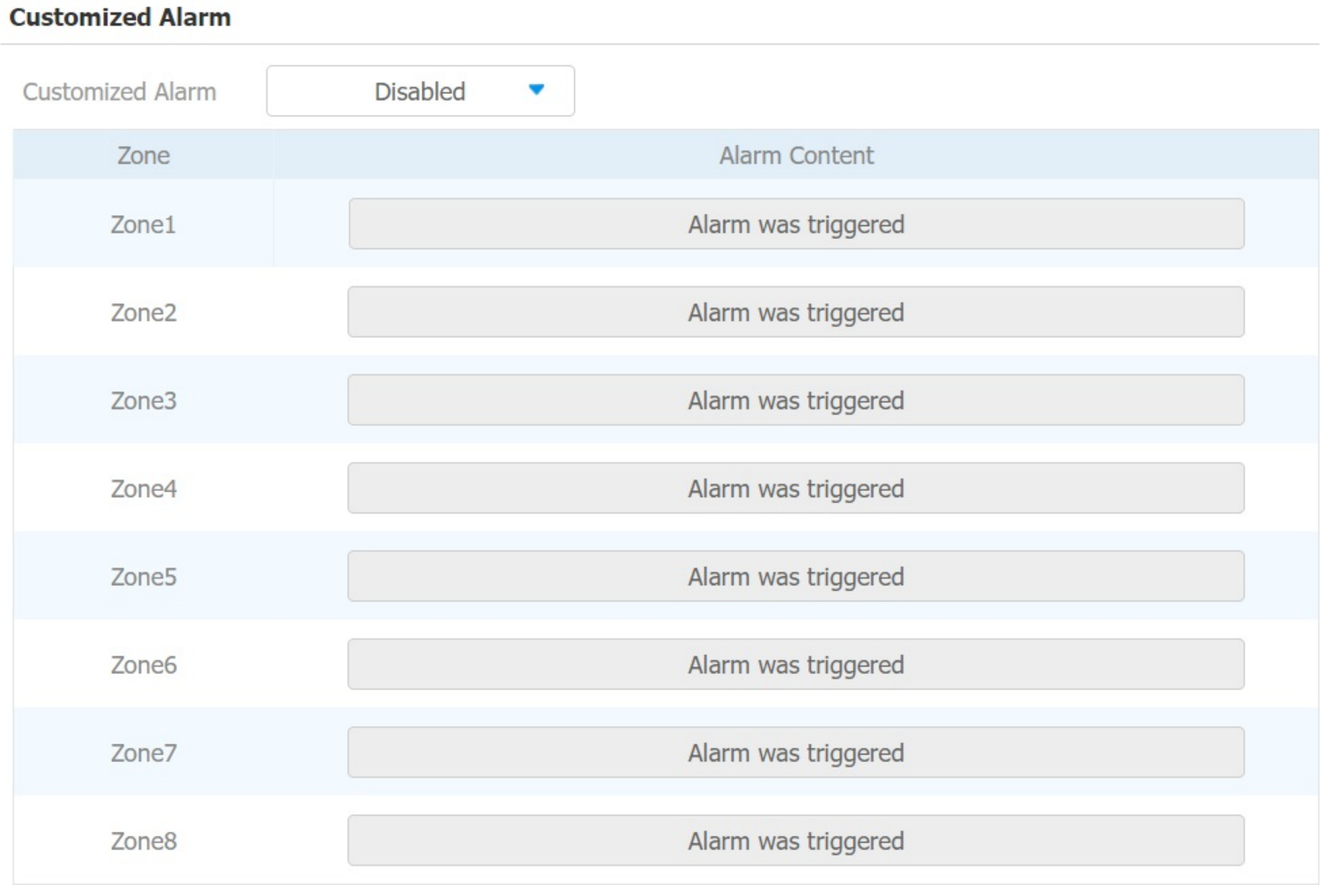


Zone	Location	Zone Type	Defence Delay	Alarm Delay	Status
1	Bedroom	Infrared	30s	90s	□
2	Bedroom	Infrared	30s	90s	□
3	Bedroom	Infrared	30s	90s	□
4	Bedroom	Infrared	30s	90s	□
5	Bedroom	Infrared	30s	90s	□
6	Bedroom	Infrared	30s	90s	□
7	Bedroom	Infrared	30s	90s	□
8	Bedroom	Infrared	30s	90s	□

Configure Alarm Text

Once the alarm sensor is configured, you can access the device's web interface to personalize the alert content displayed on the screen when an alarm is triggered.

Go to **Arming> Zone Setting > Customized Alarm** interface.



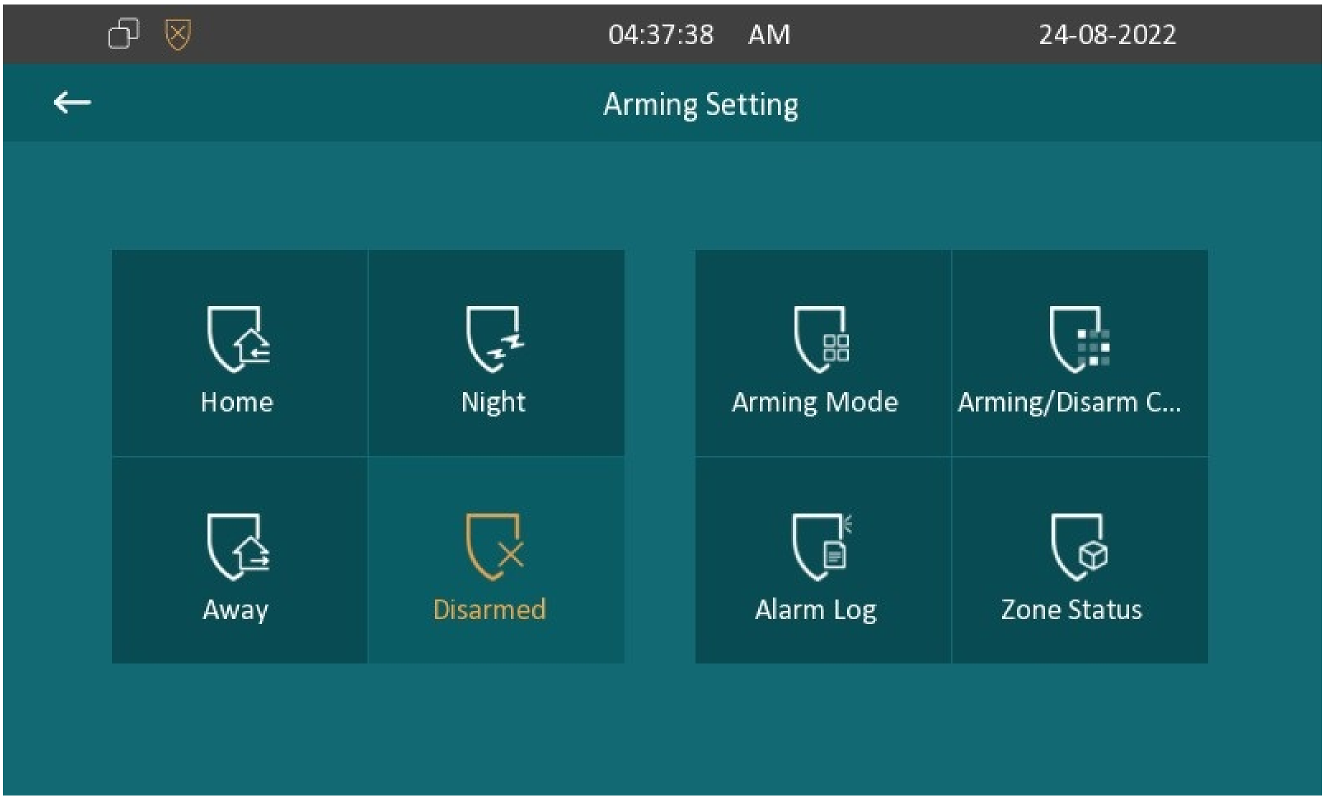
Customized Alarm

Customized Alarm: Disabled

Zone	Alarm Content
Zone1	Alarm was triggered
Zone2	Alarm was triggered
Zone3	Alarm was triggered
Zone4	Alarm was triggered
Zone5	Alarm was triggered
Zone6	Alarm was triggered
Zone7	Alarm was triggered
Zone8	Alarm was triggered

Configure Arming mode

Users can set the system to a certain mode, such as Away mode when they leave home. To do this, tap the icon of the desired mode. To disarming the system, tap Disarmed.



04:37:38 AM 24-08-2022

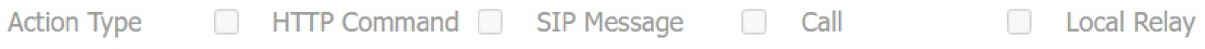
Arming Setting

Alarm Action Configuration

When the alarm sensor is triggered, it can start different actions, such as HTTP commands, SIP messages, calls, and local relay activation, if they are set up.

Select Alarm Action Types

To select and set up actions on the web **Arming > Alarm Action** interface. Enable the action that you want to carry out.

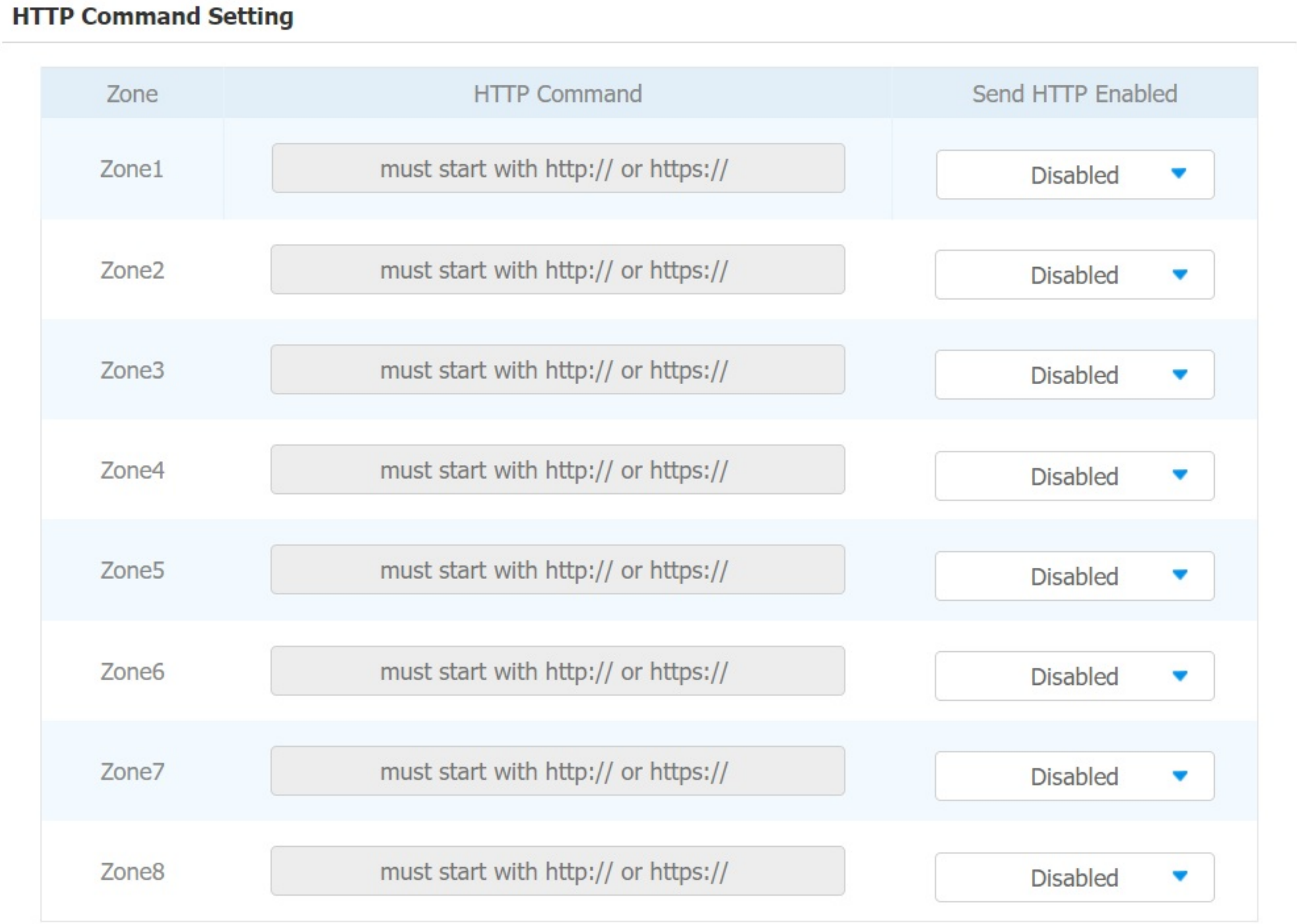


Action Type □ HTTP Command □ SIP Message □ Call □ Local Relay

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 out.

To set it up, go to **Arming > Alarm Action > HTTP Command Setting**.



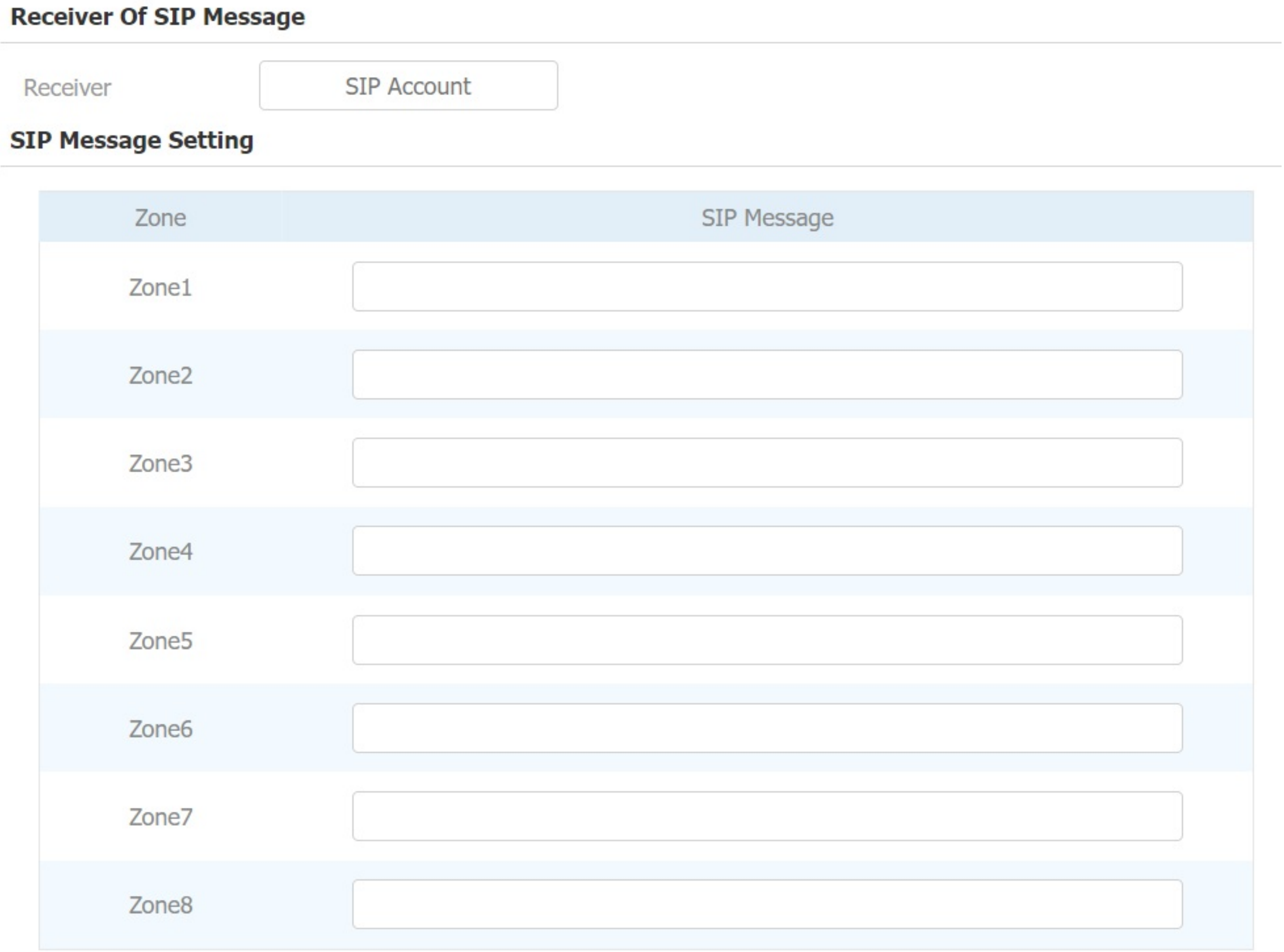
HTTP Command Setting

Zone	HTTP Command	Send HTTP Enabled
Zone1	must start with http:// or https://	Disabled ▼
Zone2	must start with http:// or https://	Disabled ▼
Zone3	must start with http:// or https://	Disabled ▼
Zone4	must start with http:// or https://	Disabled ▼
Zone5	must start with http:// or https://	Disabled ▼
Zone6	must start with http:// or https://	Disabled ▼
Zone7	must start with http:// or https://	Disabled ▼
Zone8	must start with http:// or https://	Disabled ▼

Configure Alarm Action via SIP Message

The device can send messages to a designated device when the alarm is triggered. To set this up, enter a SIP number or IP address along with the message content.

To set it up go to **Arming > Alarm Action > Receiver Of SIP Message**.



Receiver Of SIP Message

Receiver	SIP Account

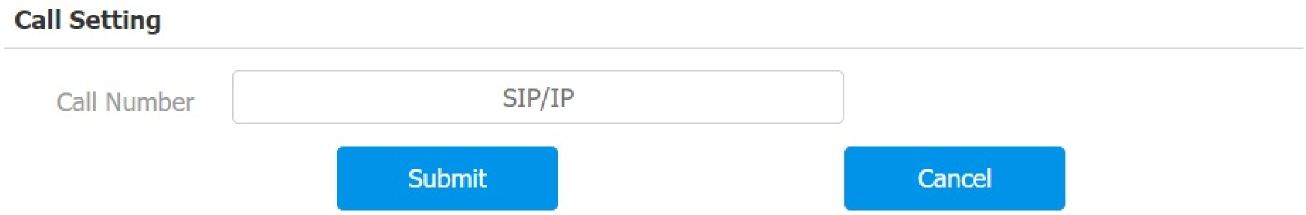
SIP Message Setting

Zone	SIP Message
Zone1	
Zone2	
Zone3	
Zone4	
Zone5	
Zone6	
Zone7	
Zone8	

Configure Alarm Action via SIP Call

To enable the device to make a call when the alarm is triggered, enter the SIP or IP number of the called party. Additionally, you can allow the indoor monitor to sound a siren simultaneously.

To set it up go to **Arming > Alarm Action > Call Setting.**

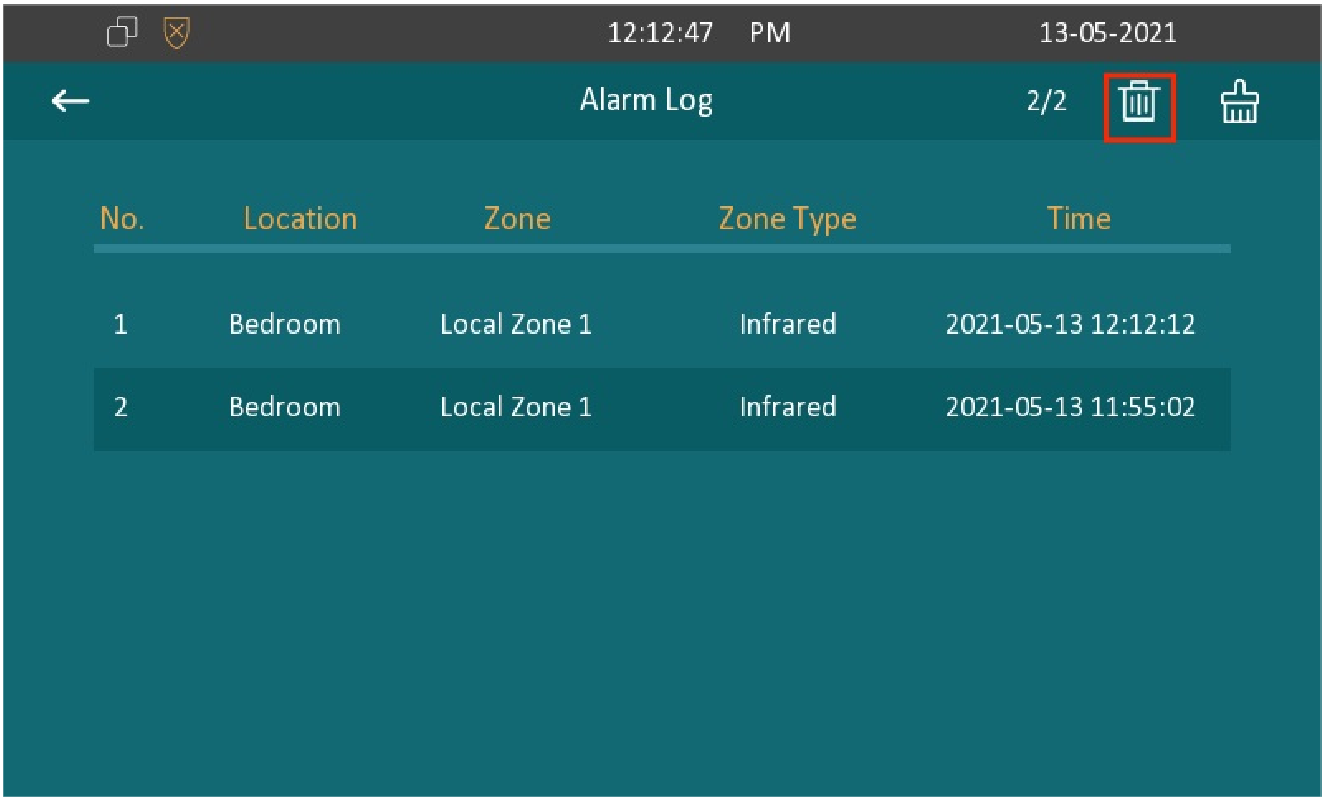


Call Setting

Call Number	SIP/IP

Check Alarm Log

To check alarm log on device **Arming > Alarm Log** screen. To delete the existing alarm log by clicking the **Delete** icon.



12:12:47 PM 13-05-2021

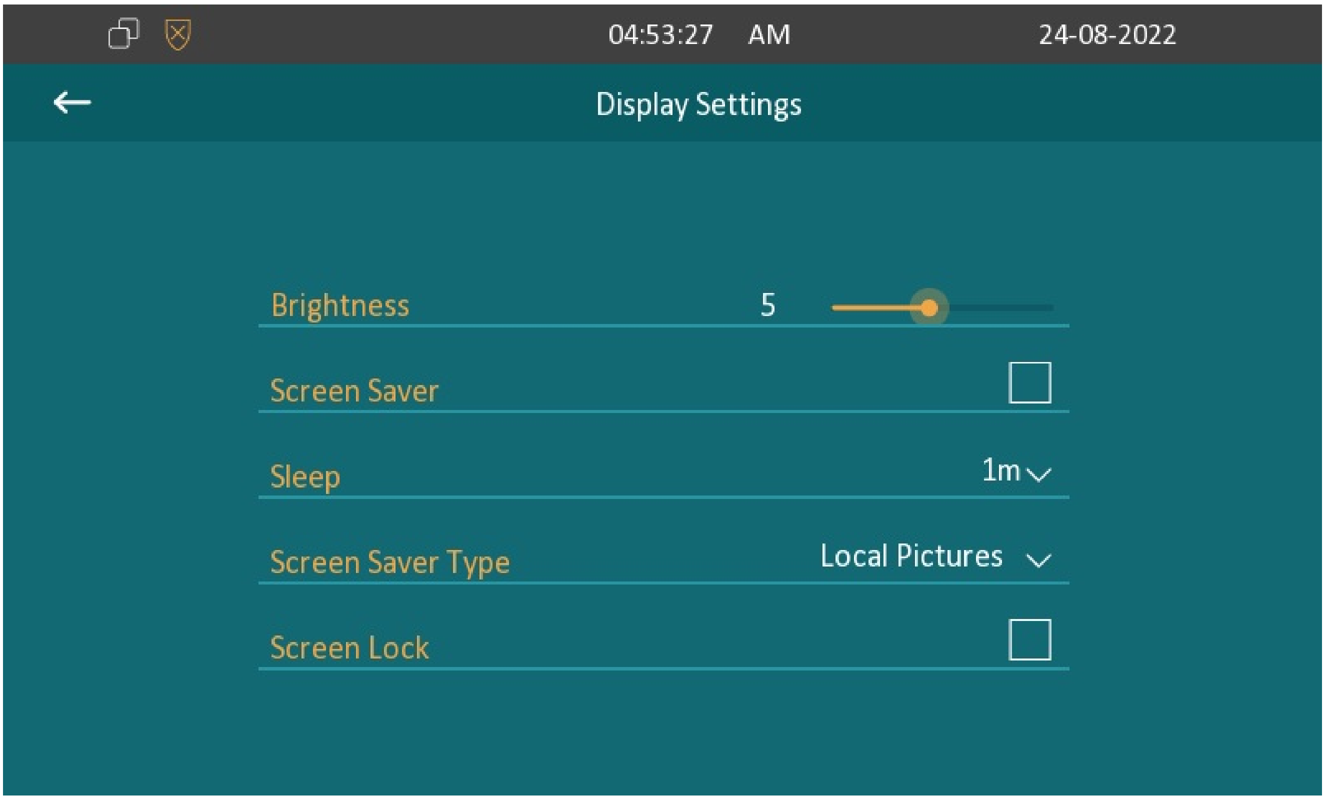
Alarm Log 2/2

No.	Location	Zone	Zone Type	Time
1	Bedroom	Local Zone 1	Infrared	2021-05-13 12:12:12
2	Bedroom	Local Zone 1	Infrared	2021-05-13 11:55:02

Screen Unlock Setting

To prevent unauthorized access to the device when it is not being used, enable the Screen Lock function. This feature automatically locks the device after a period of inactivity, requiring a password to unlock.

Navigate to **More** > **Setting** > **Display** screen.



04:53:27 AM 24-08-2022

Display Settings

Brightness 5

Screen Saver □

Sleep 1m

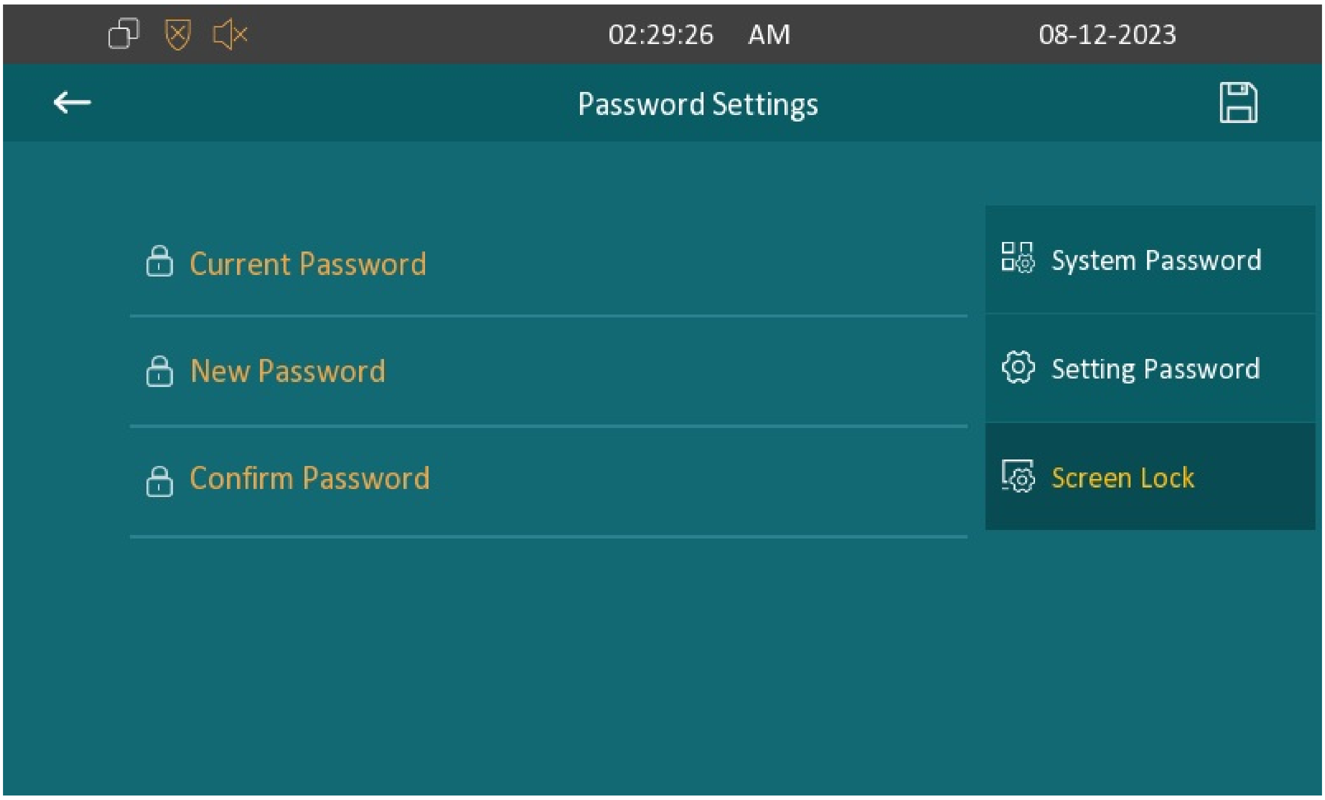
Screen Saver Type Local Pictures

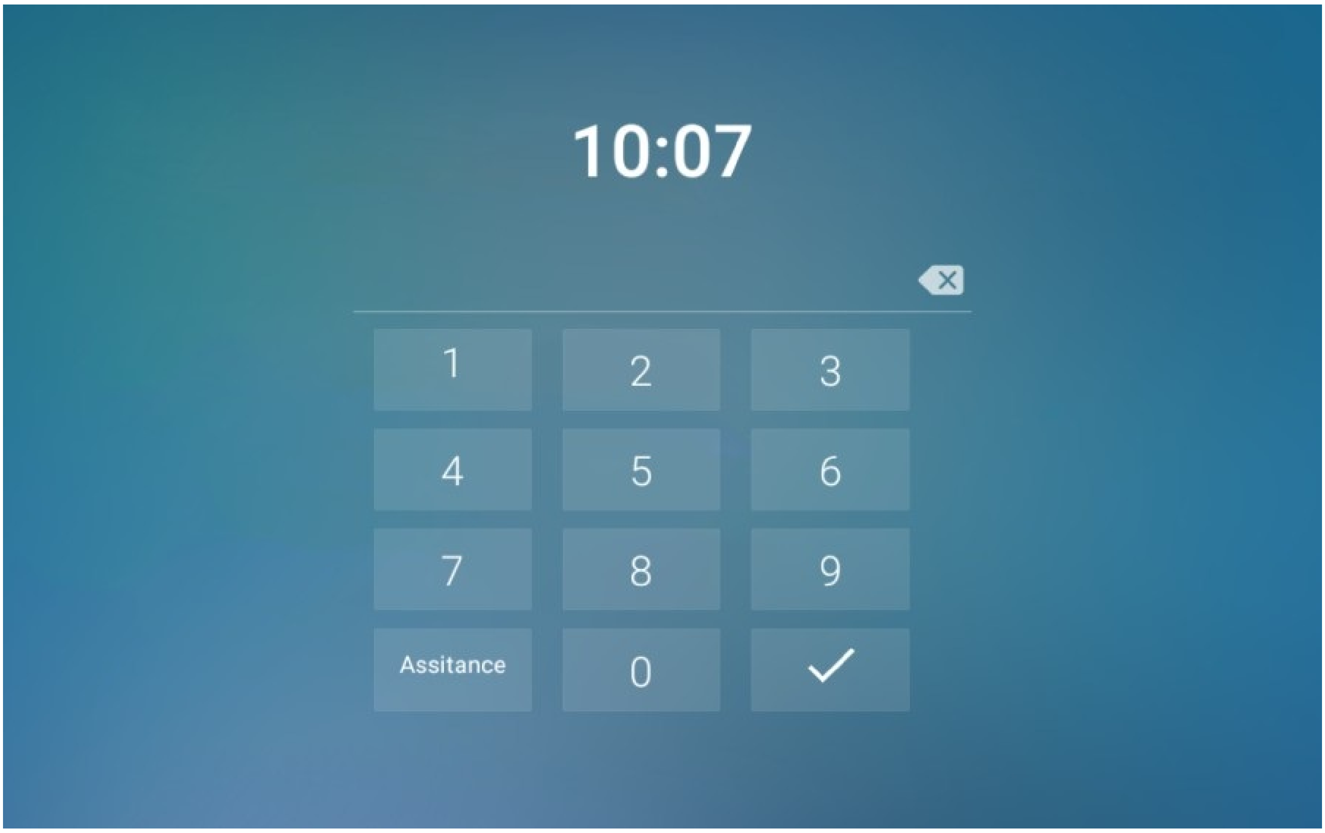
Screen Lock □

Screen Unlock by PIN Code

To unlock the screen, users need to enter the preset PIN code.

Navigate to **More** > **Setting** > **Advance** > **Password** screen to modify the password. The default unlock PIN is empty. Therefore, when changing the password, keep the current password field blank and enter the new password and confirm it.





Note

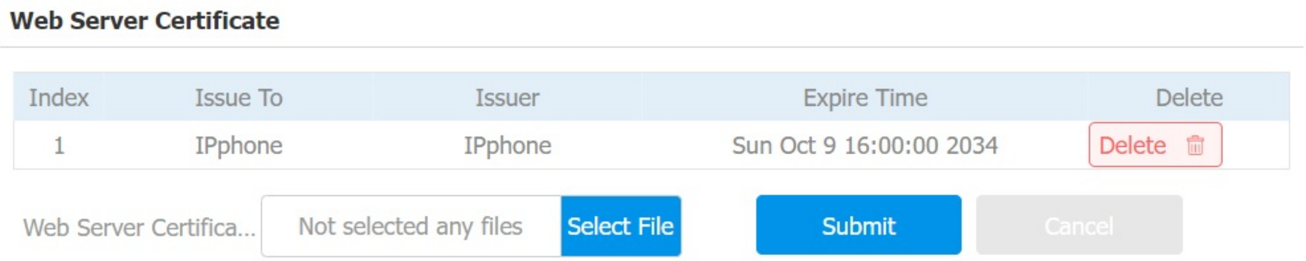
- Tap the tick button to unlock the screen if the default password is not changed.

Client Certificate Setting

Certificates ensure communication integrity and privacy. To use the SSL protocol, you need to upload the right certificates for verification.

Web Server Certificate

To upload web server certificate on the device web interface **Security > Advanced > Web Server Certificate.**



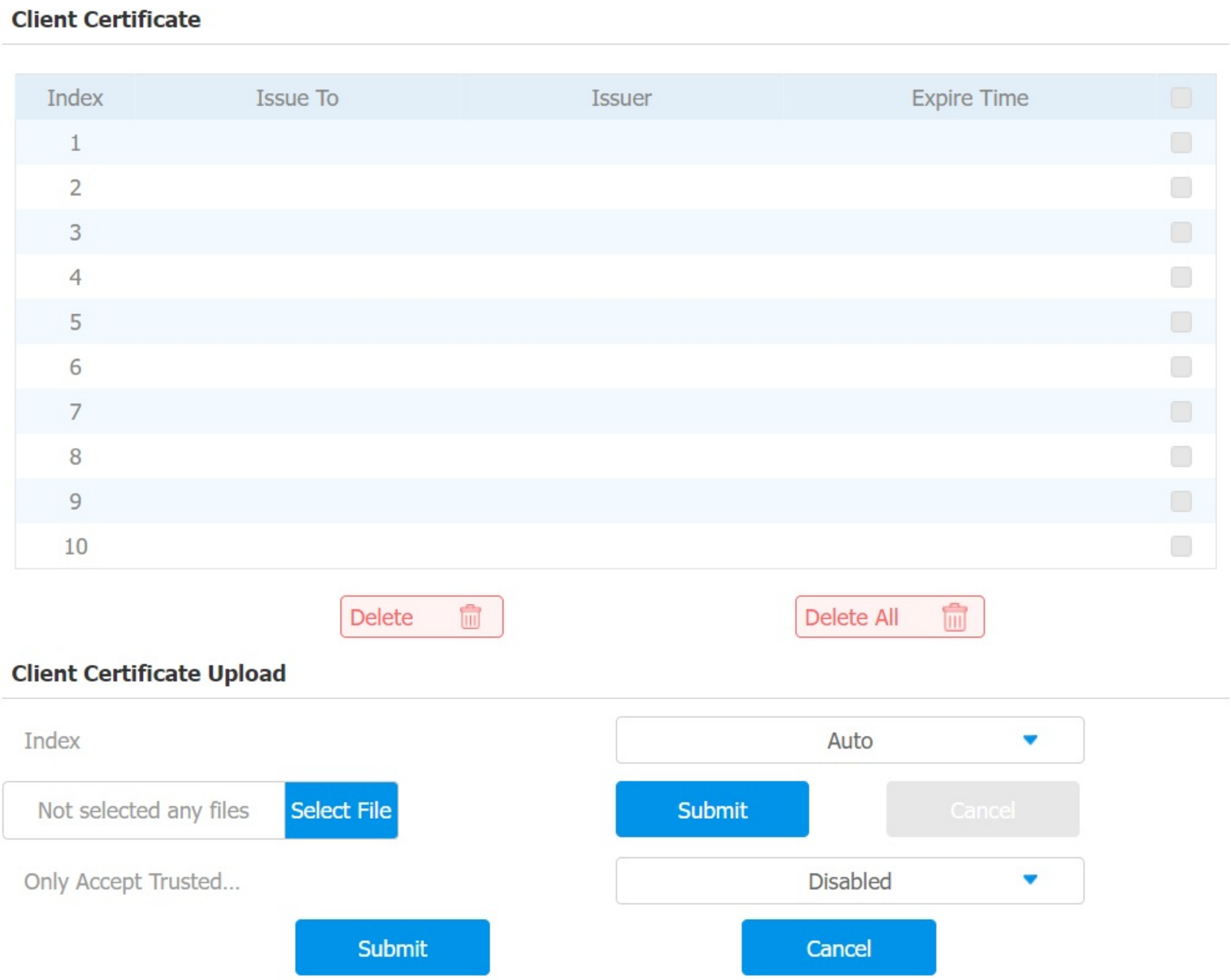
Web Server Certificate

Index	Issue To	Issuer	Expire Time	Delete
1	IPphone	IPphone	Sun Oct 9 16:00:00 2034	Delete

Web Server Certifica... Not selected any files

Client Certificate

To upload and configure client certificates on the same page.



Client Certificate

Index	Issue To	Issuer	Expire Time	□
1				□
2				□
3				□
4				□
5				□
6				□
7				□
8				□
9				□
10				□

Client Certificate Upload

Index: Auto

Not selected any files

Only Accept Trusted...: Disabled

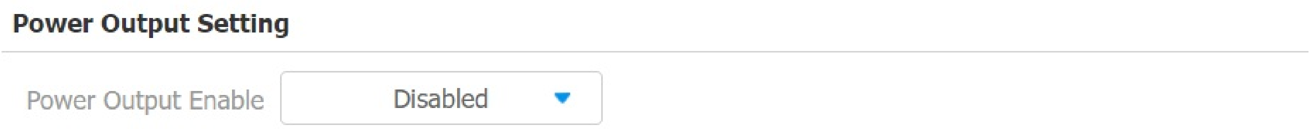
Parameter Set-up:

- **Index**: Select the desired value from drop-down list of Index. If you select **Auto** value, the uploaded certificate will be displayed in numeric order. If you select values from 1 to 10, the uploaded certificate will be displayed according to the value selected.
- **Select File**: Click to browse the local drive, and locate the desired certificate (*.pem only).
- **Only Accept Trusted Certificates**: If select **Enabled**, as long as the authentication succeeds, the device will verify the server certificate based on the client certificate list. If you select **Disabled**, the device will not verify the server certificate no matter whether the certificate is valid or not.

Power Output Setting

The indoor monitor can serve as a power supply to the Akuvox door phone with 12V power supply for example E10. You can enable the power output, then connect the door phone to the RJ45 port on the indoor monitor. Also, you can connect E10 to the 12_out port for the power supply.

You can enable the power output function on the device web **Device Setting > Basic > Power Output Setting** interface.



Power Output Setting

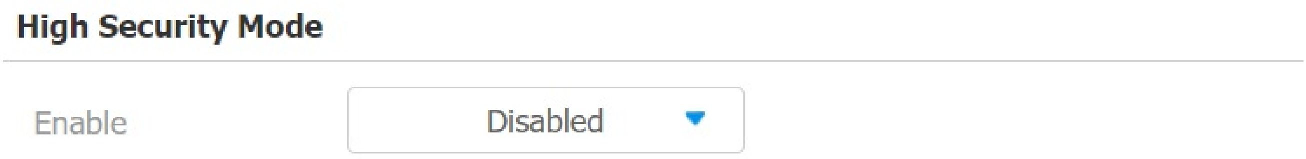
Power Output Enable: Disabled

> **Note**
>
> - When the **Power Output** function is enabled, and the PON interface is connected with some particular exchangers, it may cause the device to reboot repeatedly.

High Security Mode

High security mode is designed to enhance the security. It employs encryption across various facets, including the communication process, door opening commands, password storage methods, and more.

To configure this feature on the web **Security > Basic > High Security Mode** interface.



High Security Mode

Enable: Disabled

Important Notes

1. The High Security mode is off by default when you upgrade the device from a version without the mode to one with it. But if you reset the device to its factory settings, the mode is on by default.

2. This mode makes the old version tools incompatible. You need to upgrade them to the following versions or higher to use them.

·PC Manager: 1.2.0.0

·IP Scanner: 2.2.0.0

·Upgrade Tool: 4.1.0.0

·SDMC: 6.0.0.34

3. The supported HTTP format for relay triggering varies depending on whether high secure mode is enabled or disabled.

If the mode is on, the device only accepts the new HTTP formats below for door opening.

- l http://username:password@deviceIP/fcgi/OpenDoor?action=OpenDoor&DoorNum=1
- l http://deviceIP/fcgi/OpenDoor?action=OpenDoor&DoorNum=1

If the mode is off, the device can use both the new formats above and the old format below:

- l http://deviceIP/fcgi/do?action=OpenDoor&UserName=username&Password=password&DoorNum=1

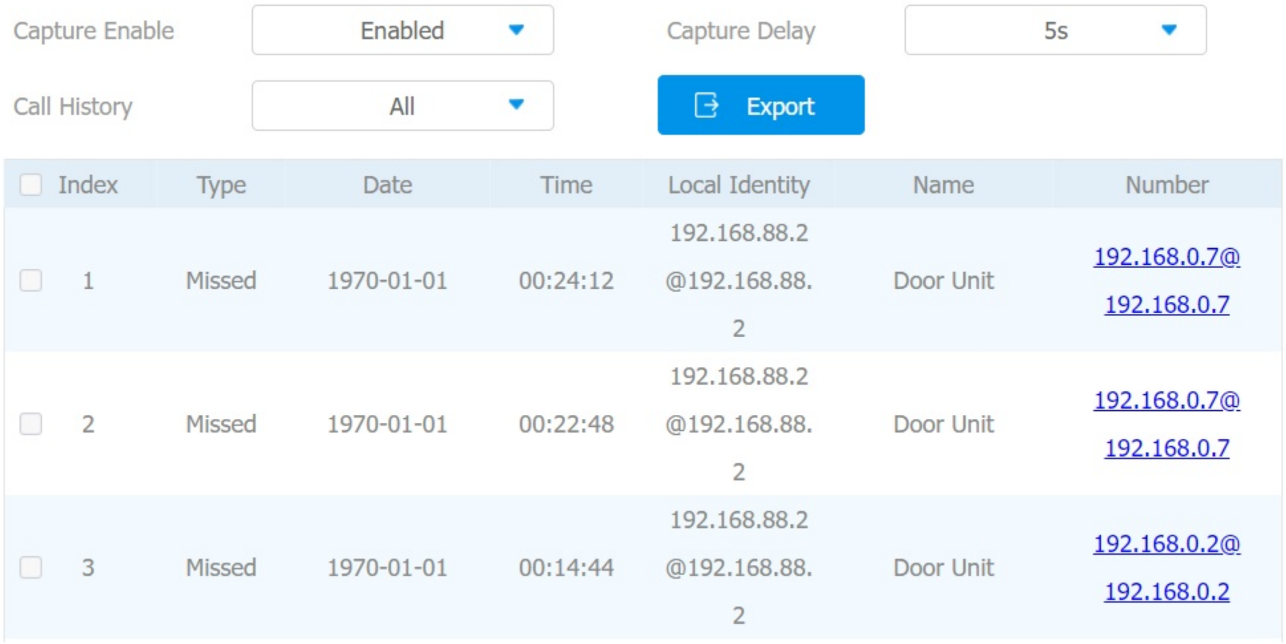
4. It is not allowed to import/export configuration files in tgz. format between a device with the high security mode and another one without it. For assistance with file transfer, please contact Akuvox technical support.

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, you can check and search the call log on the device web interface and export the call log from the device if needed.

You can also set up the call-related picture capturing if needed.

Go to **Contacts** > **Call Log** interface.



Capture Enable: Enabled
Capture Delay: 5s
Call History: All

□ Index	Type	Date	Time	Local Identity	Name	Number
□ 1	Missed	1970-01-01	00:24:12	192.168.88.2@192.168.88.2	Door Unit	192.168.0.7@192.168.0.7
□ 2	Missed	1970-01-01	00:22:48	192.168.88.2@192.168.88.2	Door Unit	192.168.0.7@192.168.0.7
□ 3	Missed	1970-01-01	00:14:44	192.168.88.2@192.168.88.2	Door Unit	192.168.0.2@192.168.0.2

Parameter Set-up:

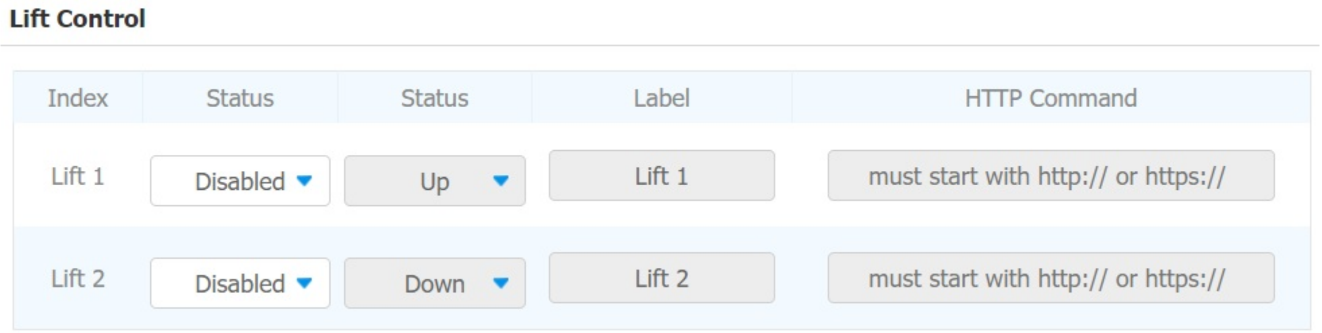
- **Call History**: Select call history (All, Dialed, Received, Missed, and Forwarded) for the specific type of call log to be displayed.
- **Capture Enable**: Enable it so that the picture of the calling party (e.g., picture of a visitor) can be captured in the video preview.
- **Capture Delay**: Set the image capturing starting time when the device goes into a video preview (5-10 seconds).

Lift Control

You can summon a lift via the lift control feature.

Configure Lift Control

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



Lift Control

Index	Status	Status	Label	HTTP Command
Lift 1	Disabled ▾	Up ▾	Lift 1	must start with http:// or https://
Lift 2	Disabled ▾	Down ▾	Lift 2	must start with http:// or https://

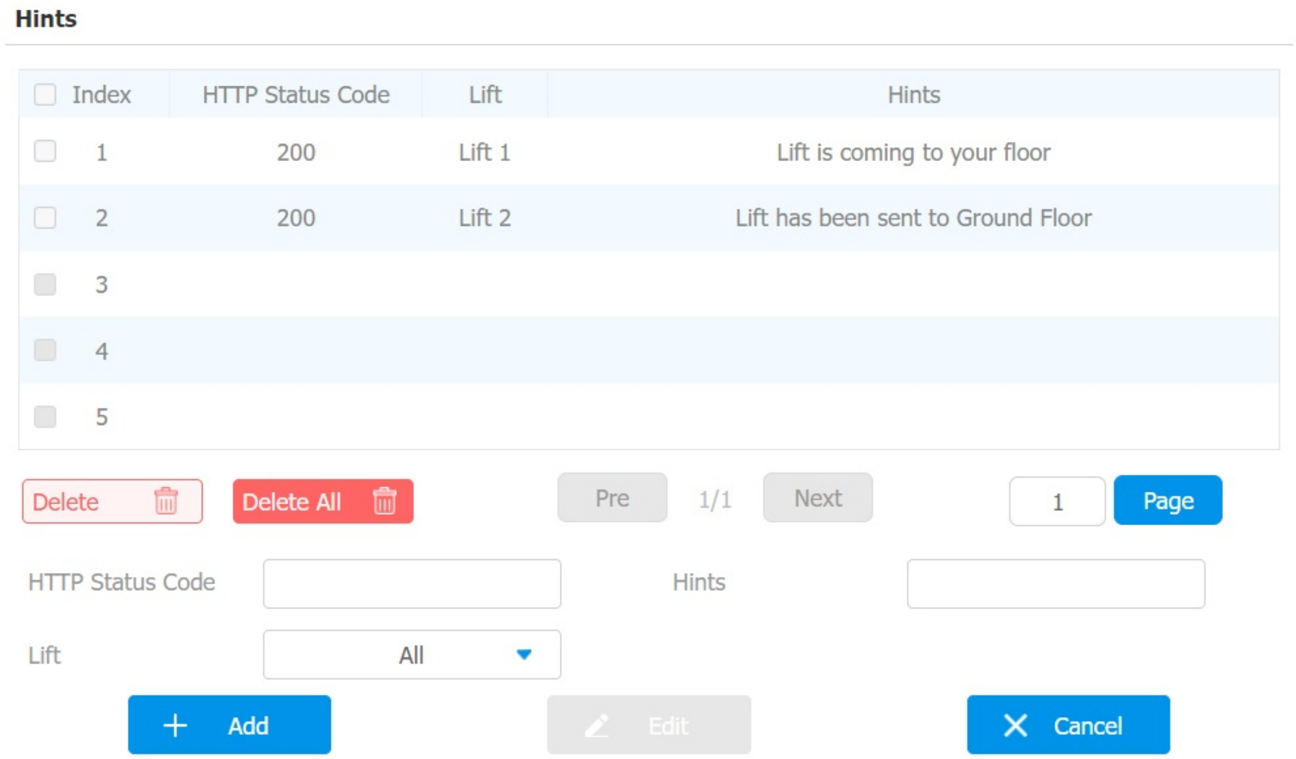
Parameter Set-up:

- **Status**: Click to enable or disable the Lift 1 button.
- **Status**: Click to select the 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.

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 web **Phone > Lift > Hints** interface. Click Edit icon to modify the desired prompt.



Hints

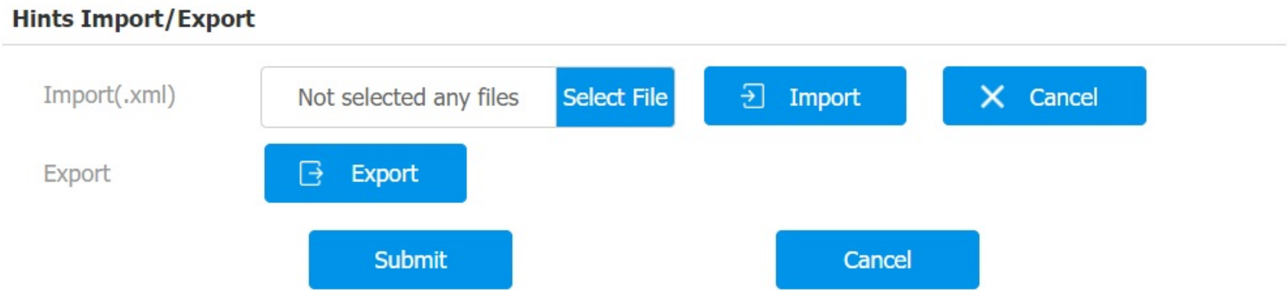
□ Index	HTTP Status Code	Lift	Hints
□ 1	200	Lift 1	Lift is coming to your floor
□ 2	200	Lift 2	Lift has been sent to Ground Floor
□ 3			
□ 4			
□ 5			

HTTP Status Code:

Hints:

Lift: All

If there are huge amounts of prompts that need to be added, you can click **Export** tab to export a template on the same page. After editting the file, import it to the web.



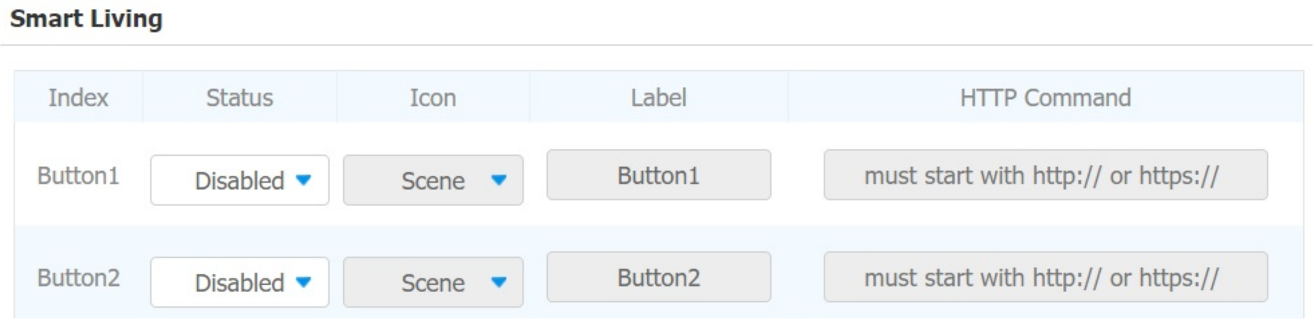
Hints Import/Export

Import(.xml): Not selected any files

Device Integration with Third Party Device

Smart Living Setting

You can control the home sensor through an HTTP command on the device web interface **Phone > Smart Living**.



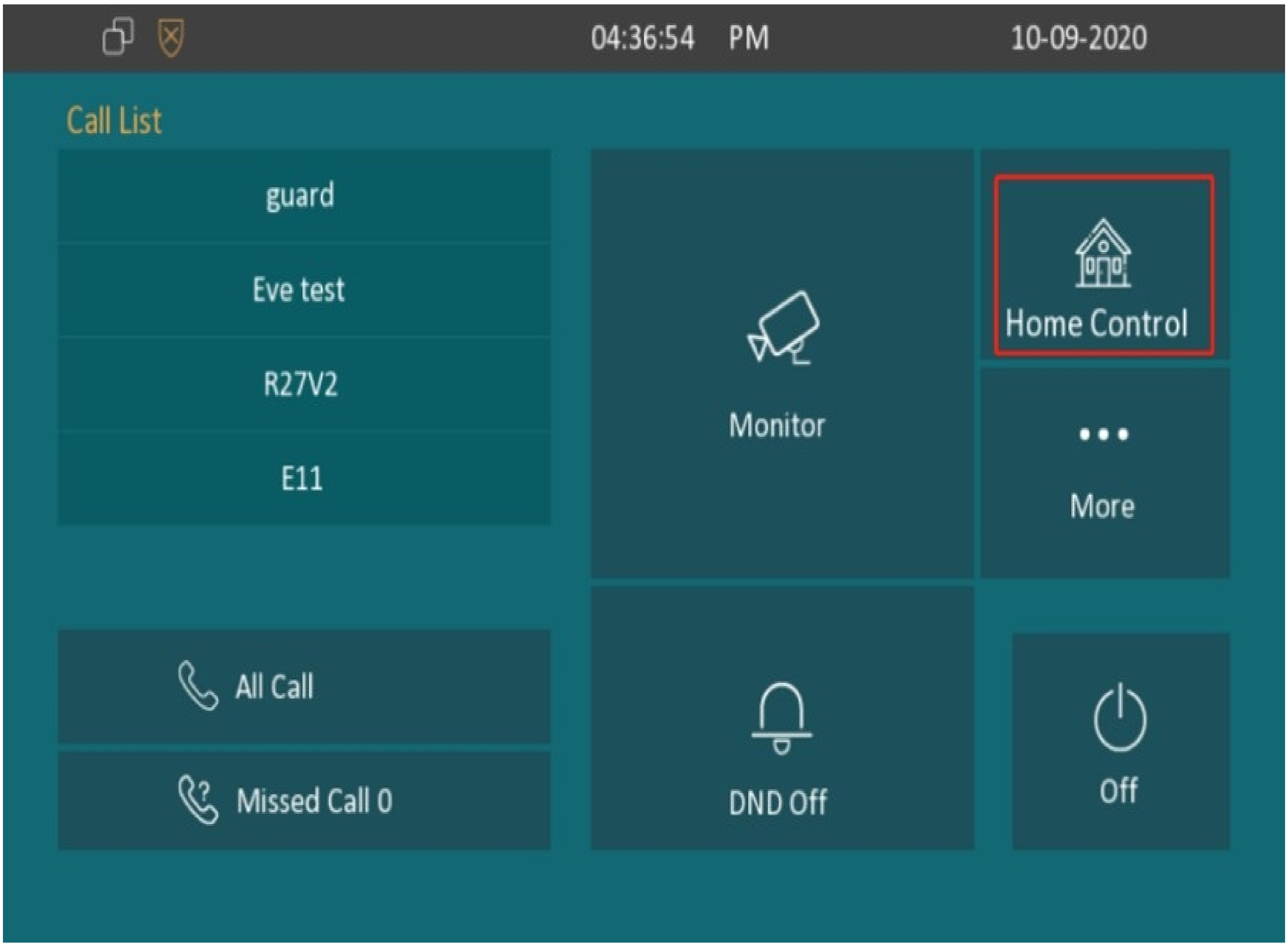
Smart Living

Index	Status	Icon	Label	HTTP Command
Button1	Disabled	Scene	Button1	must start with http:// or https://
Button2	Disabled	Scene	Button2	must start with http:// or https://

Parameter Set-up:

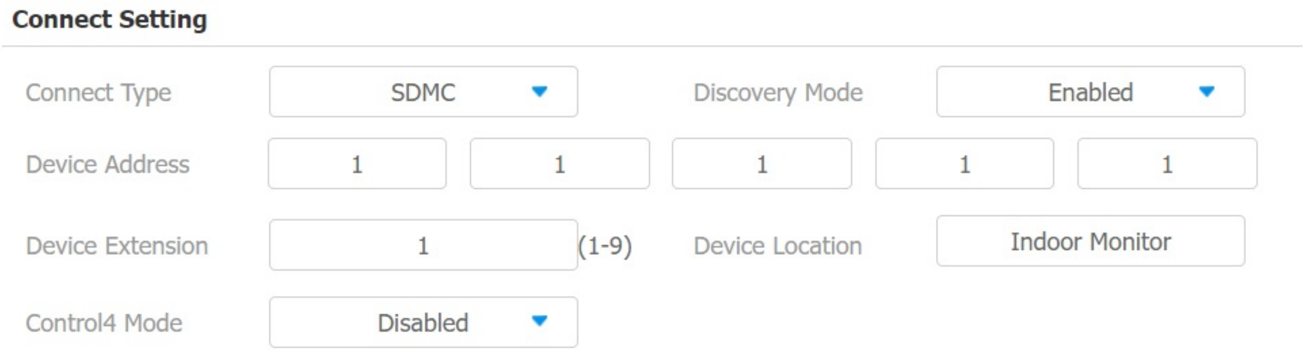
- **Status**: **Enable** or **Disable** this button. If disabled, the button won't appear on the home control page.
- **Icon**: Select **Scene** or **Light**. If **Scene** is selected, the icon is displayed as a scene icon. Select **Light**, the icon is a light icon.
- **Label**: It is used to customize the button display name.
- **HTTP Command**: Set up the HTTP command to trigger the sensor.

> **Note**
>
> - To configure Smart Living button on **Phone > Key/Display** interface.



Integration with Control 4

You need to enable the control 4 mode before you can integrate the device with the Control 4 home center. To enable it, go to **Network > Advanced > Connect Setting > Control4 Mode.**



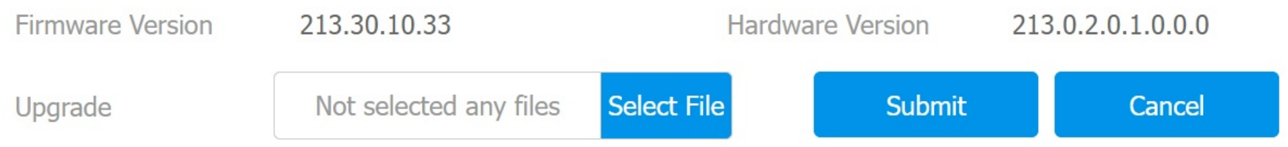
Connect Setting

Connect Type	SDMC		Discovery Mode	Enabled	
Device Address	1	1	1	1	1
Device Extension	1	(1-9)	Device Location	Indoor Monitor	
Control4 Mode	Disabled				

Firmware Upgrade

Akuvox devices can be upgraded on the device web interface.

Go to **Upgrade** > **Basic** interface.



Firmware Version 213.30.10.33

Hardware Version 213.0.2.0.1.0.0.0

Upgrade: Not selected any files

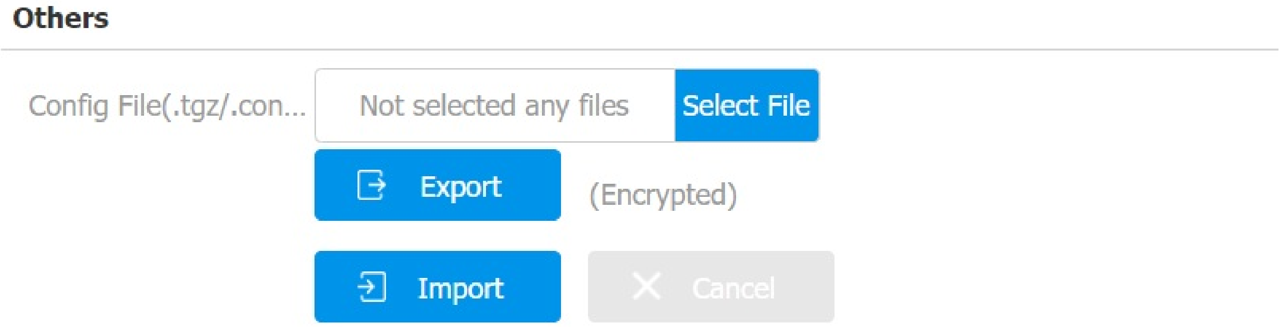
Note

- Firmware files should be **.rom** format for an upgrade.

Backup

You can import or export encrypted configuration files to your Local PC.

Go to **Upgrade > Advanced > Others** interface.



Others

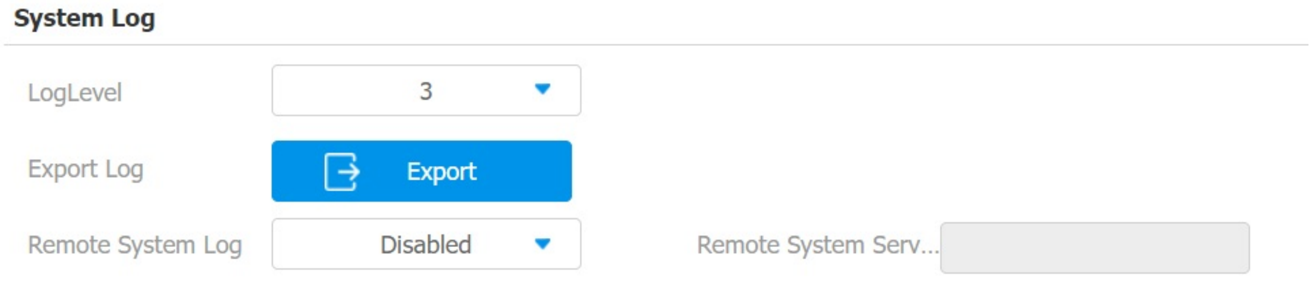
Config File(.tgz/.con... Not selected any files

Debug

System Log for Debugging

System logs can be used for debugging purposes.

Go to **Upgrade > Advanced > System Log** interface.



System Log

LogLevel: 3

Export Log

Remote System Log: Disabled

Remote System Serv...

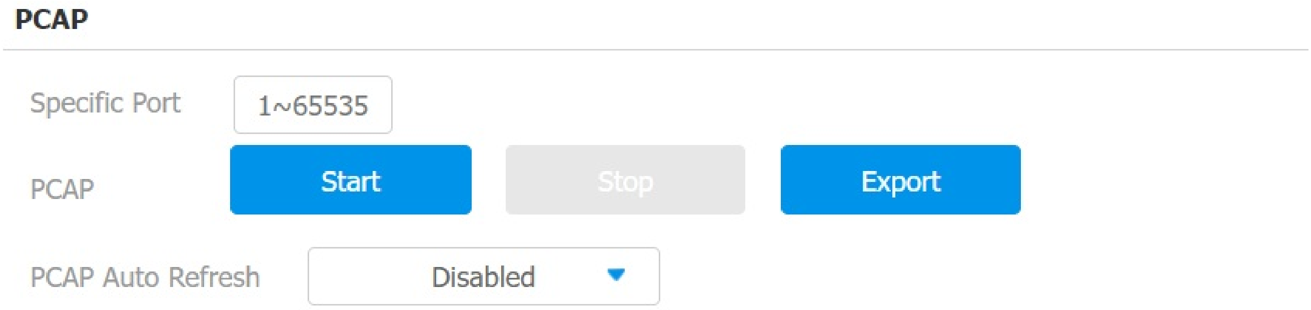
Parameter Set-up:

- **LogLevel**: 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.
- **Remote System Server**: Enter the remote server address to receive the device and the remote server address will be provided by Akuvox technical support.

PCAP for Debugging

PCAP is used to capture the data package going in and out of the devices for debugging and troubleshooting purposes.

You can set up the PCAP on the device web **Upgrade > Advanced > PCAP** interface properly before using it.



PCAP

Specific Port: 1~65535

PCAP

PCAP Auto Refresh: Disabled

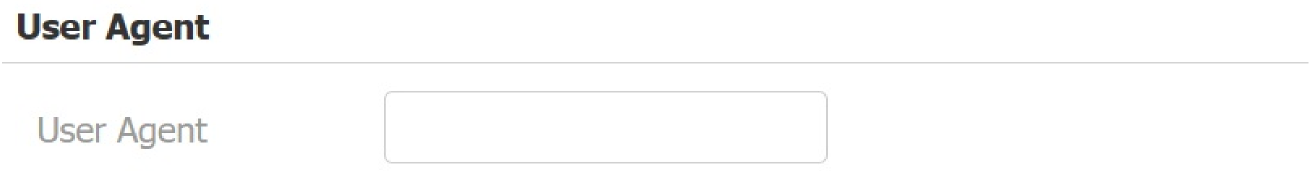
Parameter Set-up:

- **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 the **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**: If you set it as **Enabled**, then the PCAP will continue to capture data packets even after the data packets reach their 50M maximum in capacity. If you set it as **Disabled**, the PCAP will stop data packet capturing when the data packets captured reach the maximum capturing capacity of 1MB.

User Agent

User agent is used for identification purpose when you are analyzing the SIP data packet.

To configure it on the web **Account** > **Advanced** > **User Agent** interface.

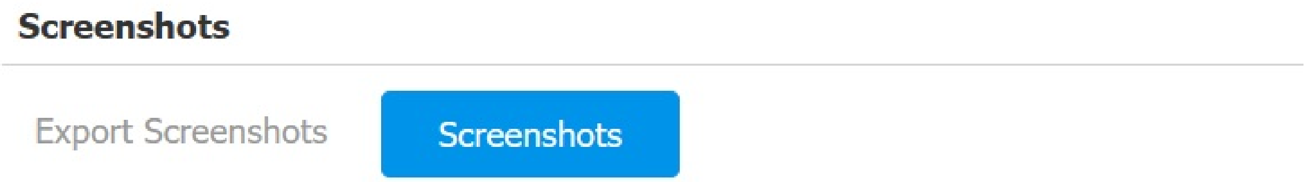

User Agent

User Agent

Screenshots

You can take a screenshot of the specific device screen to help with the troubleshooting and so on if needed.

Go to the web **Upgrade** > **Advanced** > **Screenshots** interface.


Screenshots

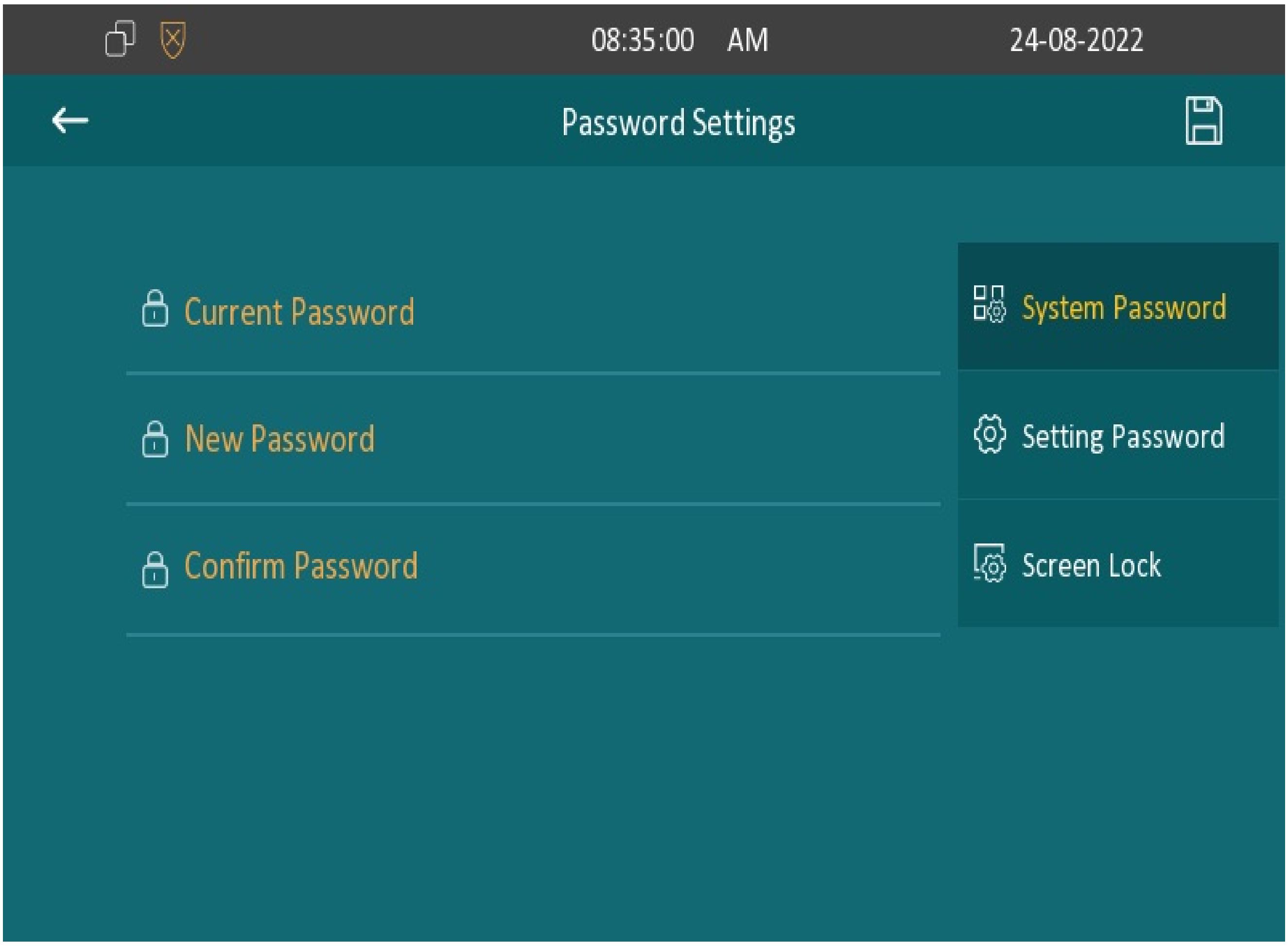
Export Screenshots

Password Modification

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 the device screen. The default password is **123456**.

Path: **More** > **Setting** > **Advance** > **Password**

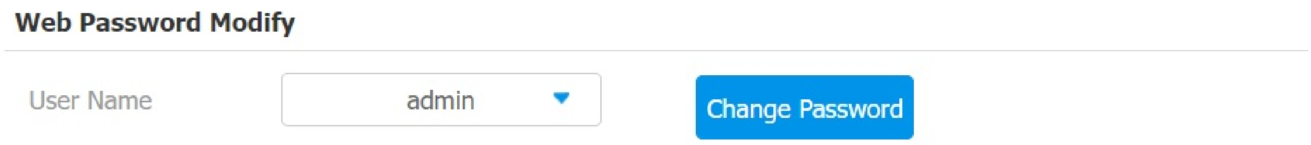


Parameter Set-up:

- **Setting Password**: Used to access the basic setting
- **System Password**: Used to access advance settings.
- **Screen lock**: Used to unlock the screen.

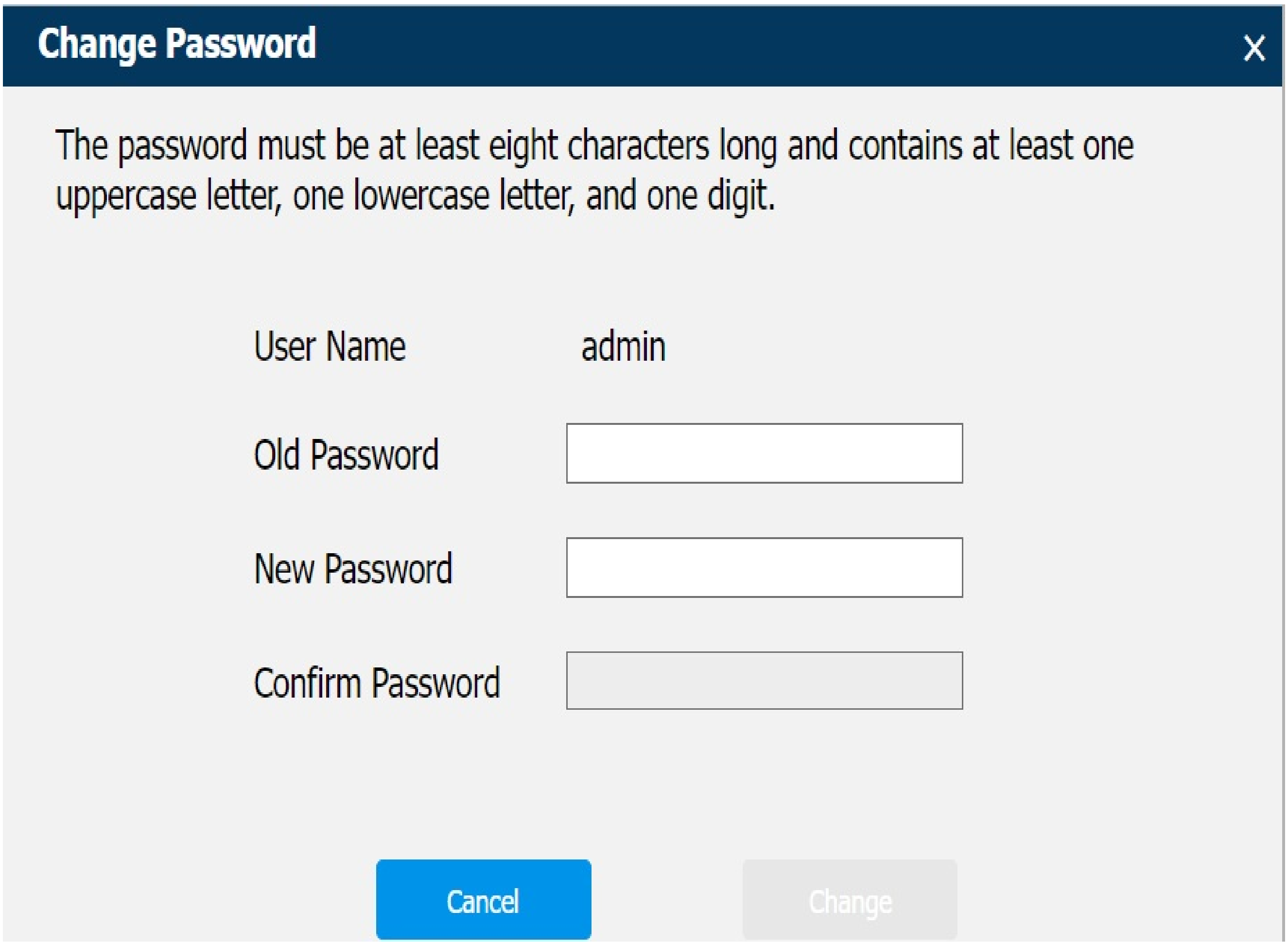
Modify Device Web Interface Password

To modify web interface password, you can do it on 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.



Web Password Modify

User Name: admin



Change Password

The password must be at least eight characters long and contains at least one uppercase letter, one lowercase letter, and one digit.

User Name: admin

Old Password

New Password

Confirm Password

Note

There are two accounts, one is admin, its password is **admin**, and another is user, its password is **user**.

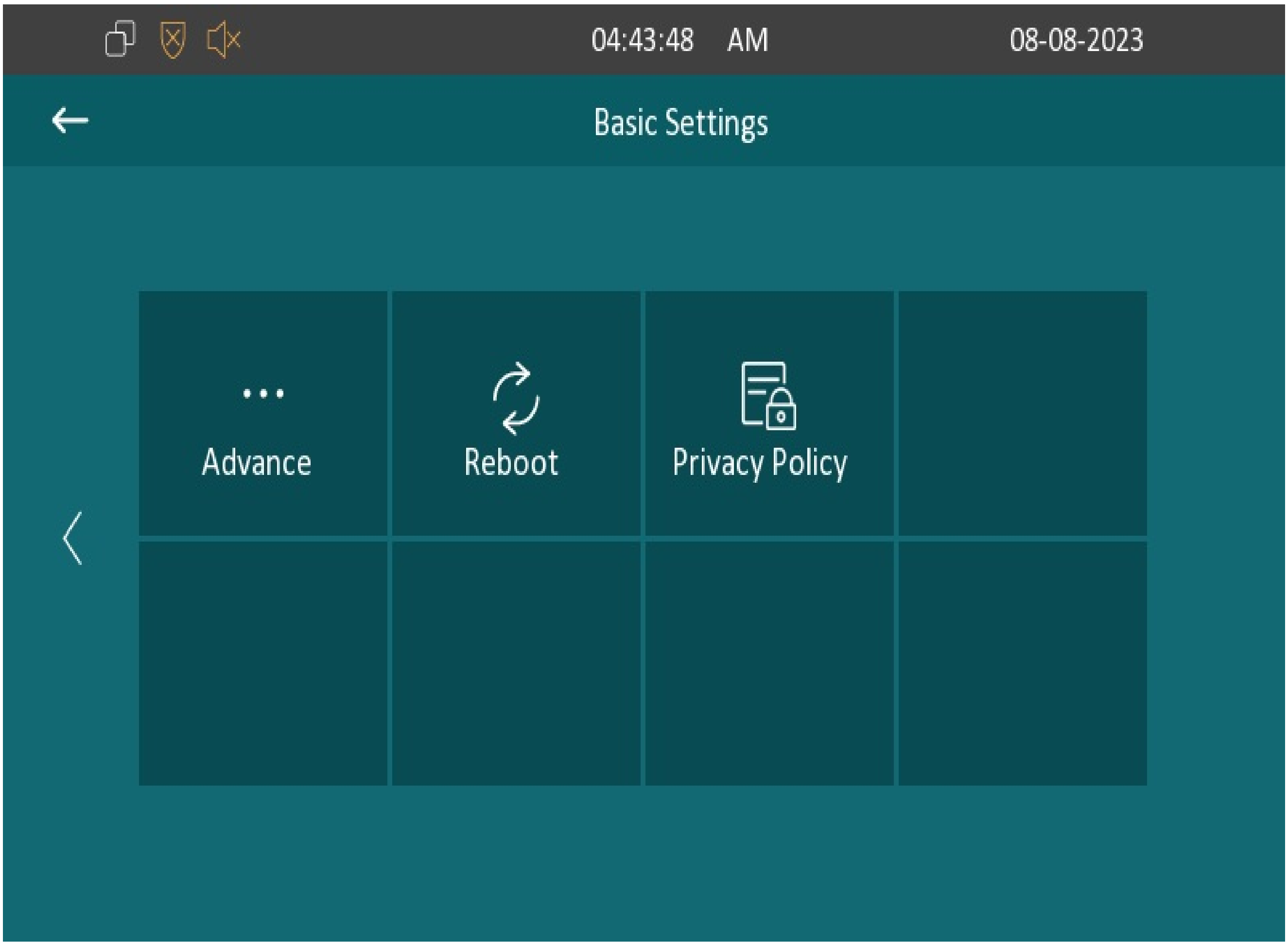
System Reboot & Reset

Reboot

Reboot on the Device

If you want to reboot the system setting of the device, you can operate it directly on the device setting screen.

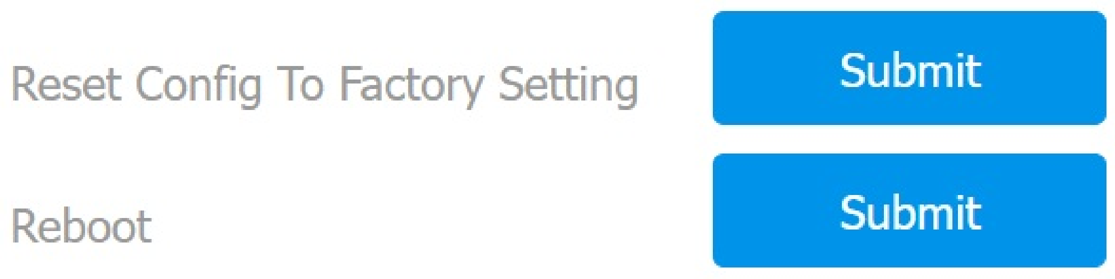
To reboot to the system setting on device **Setting** > **Reboot** screen.



Reboot on the Web Interface

If you want to reboot the device system, you can operate it on the device web interface as well.

Path: **Upgrade > Basic**



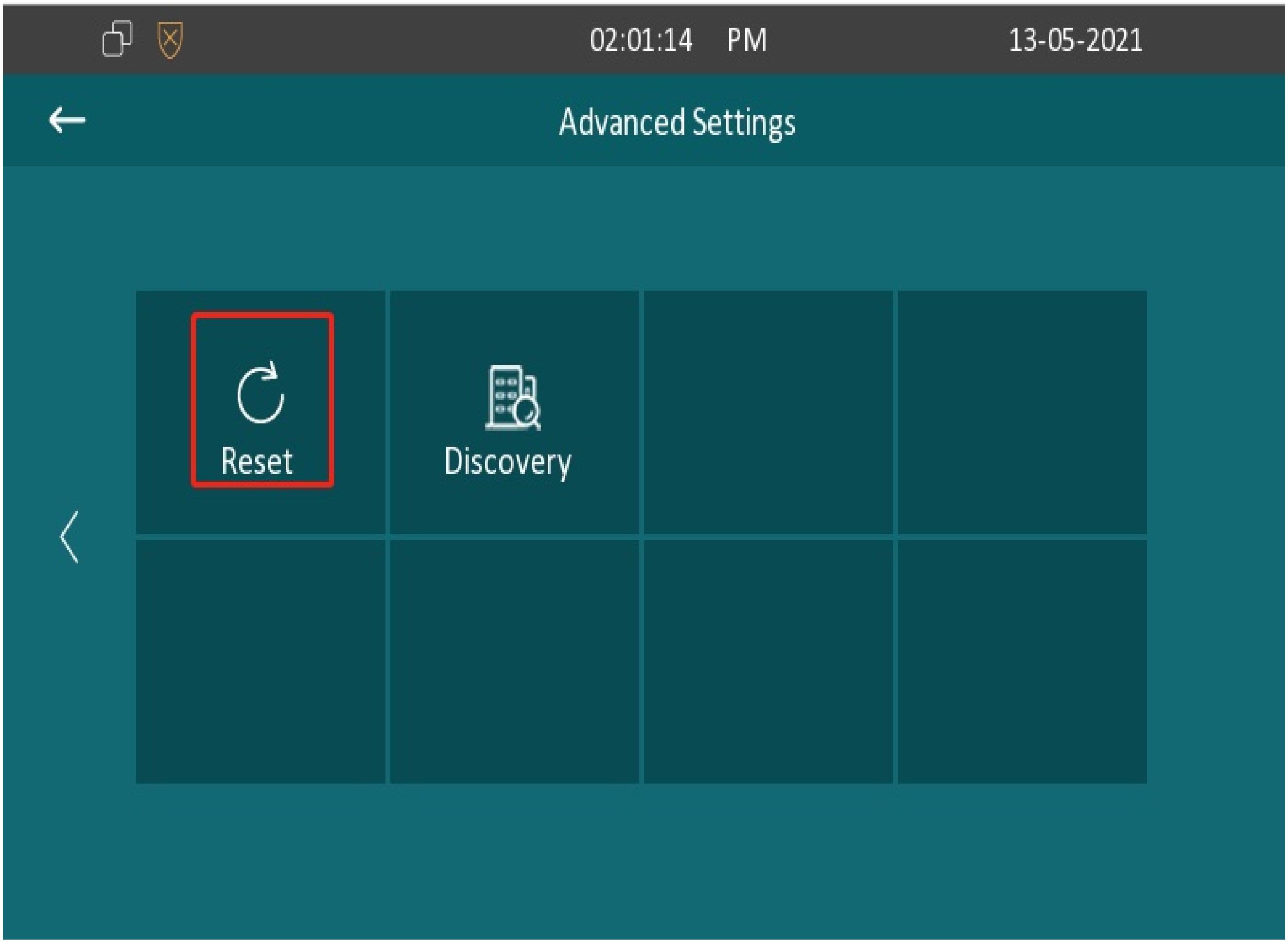
Reset Config To Factory Setting — Submit

Reboot — Submit

Reset

Reset on the Device

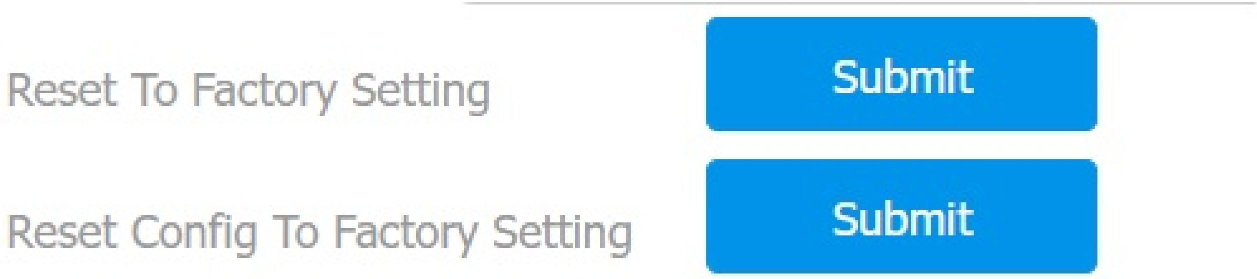
If you want to reset the whole device system to the factory setting, you can operate it directly on the device **More > Setting > Advance** screen.



Reset on the Web Interface

The device system can also be reset on device web interface without approaching the device. If you only want to reset the configuration file to the factory setting, you can click **Reset Config To Factory Setting** on the same page.

Path: **Upgrade > Basic**


Reset To Factory Setting
Submit
Reset Config To Factory Setting
Submit