

# MyBell

IP Premium Indoor Monitor

CE

**EN** - Instructions and warnings for installation and use

<b>1 - IMPORTANT SAFEGUARDS AND WARNINGS</b>	<b>5</b>
<b>2 - DEVICE DESCRIPTION</b>	<b>6</b>
<b>3 - INTRODUCTION TO CONFIGURATION MENU</b>	<b>8</b>
3.1 - Configuration menu	8
3.2 - Mode selection	8
3.3 - Tool selection	8
<b>4 - INDICATOR LIGHT STATUS</b>	<b>9</b>
<b>5 - ACCESS TO DEVICE</b>	<b>10</b>
5.1 - Device start-up network selection	10
5.2 - Device home screen type selection	10
5.3 - Access to device settings on device	11
5.3.1 - Access to device basic settings	11
5.3.2 - Access to device advanced setting	11
5.4 - Access to device settings by web interface	12
<b>6 - LANGUAGE AND TIME CONFIGURATION</b>	<b>13</b>
6.1 - Language configuration	13
6.1.1 - Language configuration on device	13
6.1.2 - Language configuration by web interface	13
6.2 - Time configuration	13
6.2.1 - Time configuration on device	13
6.2.2 - Time configuration by device web interface	14
<b>7 - SCREEN DISPLAY CONFIGURATION</b>	<b>15</b>
7.1 - Screen display configuration on device	15
7.2 - Screen display configuration by web interface	16
7.2.1 - Uploading screen saver	16
7.2.2 - Uploading wallpaper	16
7.3 - Uploading device booting image	16
7.4 - Approach to wake up	17
7.5 - Icon screen display configuration	17
7.6 - Unlock Tab configuration	19
7.6.1 - Unlock Tab configuration on Talking Screen	19
7.6.2 - Unlock Tab configuration on Home and More Screen	19
7.6.3 - Unlock Tab configuration on Monitor Screen	19
7.6.4 - Unlock Tab configuration on Call Preview Screen	20
7.7 - Home screen display	20
<b>8 - SOUND AND VOLUME CONFIGURATION</b>	<b>21</b>
8.1 - Volume configuration	21
8.1.1 - Volume configuration on device	21
8.1.2 - Volume configuration by web interface	21
8.2 - Doorbell sound configuration	22
<b>9 - PHONE BOOK CONFIGURATION</b>	<b>23</b>
9.1 - Phone book configuration on device	23
9.1.1 - Adding contacts	23
9.1.2 - Editing contacts	24
9.1.3 - Blocklist setting on device	24
9.2 - Phone book configuration by web interface	24
9.2.1 - Adding, editing, deleting and searching local contacts	24
9.3 - Importing and exporting contacts	25
9.4 - Contact list display configuration	26
9.5 - Web call	26
<b>10 - NETWORK CONFIGURATION AND OTHER CONNECTIONS</b>	<b>27</b>
10.1 - Network connection configuration on device	27
10.2 - Network connection configuration by web interface	28
10.3 - Device deployment in network	29
10.4 - Device NAT configuration	29
10.5 - Device Bluetooth configuration	30
10.5.1 - Device Bluetooth pairing	30
10.5.2 - Device Bluetooth data transmission	30
10.6 - Device Wi-Fi configuration	31

<b>11 - INTERCOM CALL CONFIGURATION</b>	<b>32</b>
11.1 - IP call and IP call configuration	32
11.1.1 - Making IP calls	32
11.1.2 - IP configuration	33
11.2 - SIP call and SIP call configuration	33
11.2.1 - SIP account registration	33
11.2.2 - SIP server configuration	35
11.2.3 - Outbound proxy server configuration	35
11.3 - SIP Call DND and return code configuration	35
11.4 - Device local RTP configuration	36
11.5 - Data transmission type configuration	36
<b>12 - CALL CONFIGURATION</b>	<b>37</b>
12.1 - Auto-answer configuration	37
12.2 - Auto-answer Allow List configuraiton	37
12.3 - Live stream configuration	38
12.4 - Intercom call configuration (preview, mute)	38
12.5 - Voice changer	38
12.6 - Emergency call configuration	39
12.7 - Multicast configuration	40
12.8 - Call forwarding configuration	40
12.9 - Call forwarding configuration on device	40
12.10 - Call forwarding configuration by web interface	41
<b>13 - INTERCOM MESSAGE CONFIGURATION</b>	<b>42</b>
13.1 - Managing messages	42
<b>14 - AUDIO AND VIDEO CODEC CONFIGURATION FOR SIP CALLS</b>	<b>43</b>
14.1 - Audio codec configuration	43
14.2 - Video codec configuration	43
<b>15 - SECURITY</b>	<b>45</b>
15.1 - Monitor configuration	45
15.2 - Video image capturing	46
15.3 - RTSP authentication	47
15.4 - Alarm and arming configuration	47
15.4.1 - Alarm and arming configuration on device	47
15.4.2 - Alarm and arming configuration by web interface	48
15.5 - Location-based alarm configuration	49
15.6 - Alarm text configuration	49
15.7 - Arming mode configuration	50
15.8 - Alarm ringtone configuration	50
15.9 - Alarm action configuration	50
15.9.1 - Select alarm action types	50
15.9.2 - Alarm action type configuration through HTTP command	51
15.9.3 - Alarm action configuration through SIP message	51
15.10 - Checking alarm log	52
15.11 - Screen unlock configuration	52
15.12 - Screen unlock by PIN code	53
15.13 - Voice encryption	53
15.14 - Remote control	53
15.15 - Location	53
15.16 - High security mode	54
<b>16 - DOOR ACCESS CONTROL CONFIGURATION</b>	<b>55</b>
16.1 - Relay switch configuration	55
16.1.1 - Local relay configuration	55
16.1.2 - Remote relay switch configuration	55
16.2 - Web relay configuration	55
16.3 - Door unlock configuration	56
16.3.1 - Door unlock by DTMF code	56
16.3.2 - Door unlock through HTTP command	56
<b>17 - FIRMWARE UPGRADE</b>	<b>58</b>
<b>18 - BACKUP</b>	<b>58</b>

<b>19 - AUTO-PROVISIONING THROUGH CONFIGURATION FILE</b>	<b>59</b>
19.1 - Provisioning principle	59
19.2 - Introduction to configuration files for auto-provisioning	59
19.3 - Autop	59
19.4 - DHCP provisioning configuration	60
19.5 - Static provisioning configuration	61
19.6 - Voice assistant	62
19.7 - Call log	65
<b>20 - DEBUG</b>	<b>66</b>
21.1 - System log for debugging	66
21.1.1 - Capturing system log for debugging	66
21.2 - PCAP for debugging	66
21.3 - User agent	67
21.4 - Screenshots	67
<b>21 - DEVICE INTEGRATION WITH THIRD PARTY</b>	<b>68</b>
21.1 - Entering applications screen	68
21.2 - Third-party app installation	69
21.3 - PBX feature	69
21.3.1 - PBX configuration on device	70
21.3.2 - Enabling PBX service	70
21.3.3 - PBX accounts management	71
21.3.4 - PBX groups management	72
21.3.5 - PBX configuration by web interface	72
<b>22 - PASSWORD MODIFICATION</b>	<b>74</b>
22.1 - Device basic setting password modification	74
22.2 - Device advanced setting password modification	74
22.3 - Device web interface password modification	75
22.4 - Browser password modification	75
<b>23 - SYSTEM REBOOT AND RESET</b>	<b>76</b>
23.1 - Reboot on device	76
23.2 - Reboot by web interface	76
23.3 - Reset on device	77
23.4 - Reset by web interface	77
<b>24 - REGULATIONS</b>	<b>78</b>
24.1 - Warranty	78
24.2 - Declaration of conformity	78
24.3 - WEEE Directive Compliance	78



## 1 IMPORTANT SAFEGUARDS AND WARNINGS

- **⚠ CAUTION!** – Any use other than that specified herein or in environmental conditions other than those stated in this manual is to be considered improper and is strictly forbidden!
  - **⚠ CAUTION!** – Important instructions: keep this manual in a safe place to enable future product maintenance and disposal procedures.
  - **⚠ CAUTION!** – All installation and connection operations must be performed exclusively by suitably qualified and skilled personnel with the unit disconnected from the mains power supply.
  - **⚠ CAUTION!** – This manual contains important instructions and warnings for personal safety. Read carefully all parts of this manual. If in doubt, suspend installation immediately and contact Nice Technical Assistance.
- 
- The product packaging materials must be disposed of in full compliance with local regulations.
  - Never apply modifications to any part of the device. Operations other than those specified can cause malfunctions. The manufacturer declines all liability for damage caused by makeshift modifications to the product.
  - Never place the device near the sources of heat or expose to naked flames. These actions can damage the product and cause malfunctions.
  - This product isn't intended for use by people (including children) with reduced physical, sensory or mental capabilities or who lack experience and knowledge, unless they are supervised by a person responsible for their safety.
  - This product isn't a toy. Keep away from children and animals!
  - The device is designed to operate in an electrical home installation. Faulty connection or use can result in a fire or electric shock.
  - Even when the device is turned off, voltage can be present at its terminals. Any maintenance introducing changes to the configuration of connections or the load must be always performed with a disabled fuse.
  - Don't use in damp or wet locations, near a bathtub, sink, shower, swimming pool, or anywhere else where water or moisture are present.

## 2 DEVICE DESCRIPTION

The MyBell IP Premium Indoor Monitor with an Android 12 operating system, provides an unparalleled audio-visual intercom experience with four high level speakers. Automatically adjusts screen brightness through environment sensing, voice assistant and Voice Changer to bring convenience and safety to your home.

**Table A1 - MyBell IP Premium Indoor Monitor - Device description**

Feature	Description
<b>CPU</b>	CPU Quad Cortex-A55/1.8 GHz
<b>Operation System</b>	Android 12
<b>Color</b>	black
<b>RAM</b>	4 GB
<b>ROM</b>	16 GB
<b>Front Panel</b>	plastic
<b>Wi-Fi</b>	IEEE802.11 b/g/n/ax
<b>Ethernet</b>	1xRJ45, 10/100 Mbps, adaptive
<b>Bluetooth</b>	5.0
<b>Power over Ethernet (PoE)</b>	802.3af
<b>Power Supply</b>	12 V DC / 1.5 A
<b>RS485 Port</b>	1
<b>Alarm Input</b>	8
<b>Relay Output</b>	2 x relay out (NO/COM/NC)
<b>Bell in</b>	1
<b>Microphone</b>	dual microphone, -26 dB
<b>Speaker</b>	quad speakers, 8 $\Omega$ / 2 W
<b>Installation</b>	wall-mounted & desktop
<b>Dimensions</b>	278.51 x 165.11 x 22.8 mm
<b>Working Humidity</b>	10~90%
<b>Working Temperature</b>	-10°C ~ +45°C
<b>Storage Temperature</b>	-20°C ~ +70°C
<b>Touch Screen Display Mode</b>	normally black, transmissive
<b>Display</b>	10-inch (254 mm) IPS LCD
<b>Screen</b>	10-inch capacitive touch screen
<b>Screen Resolution</b>	1280 x 8000
<b>Screen Contrast Ratio</b>	900:1
<b>Luminance</b>	290 cd/m <sup>2</sup>
<b>Viewing Angle</b>	80° left, 80° right, 80° upper, 80° lower
<b>Audio</b>	SIP v1 (RFC2543), SIP v2 (RFC3261)
<b>Audio Codecs</b>	iLBC_13_3, iLBC_15_2, L16, PCMU, PCMA, G729, G722
<b>DTMF</b>	in-band, out-of-band DTMF (RFC2833), SIP Info
<b>Echo Cancellation</b>	yes

**Table A1 - MyBell IP Premium Indoor Monitor - Device description**

Feature	Description
Voice Activation Detection	yes
Comfort Noise Generator	yes
Automatic Gain Control	yes
Video Streaming Formats	VP8, H.263, H.264, H.265
Supported Networking Protocols	DHCP, PNP, TFTP, FTP, HTTPS
Auto-Provisioning	yes
Web Management Portal	yes
Web-based Packet Dump	yes
Configuration Backup / Restore	yes
Firmware Upgrade	yes
System Logs (including door access logs)	yes
Tamper Resistant	support
Voice Pickup Distance	up to 5 metres
Voice Recognition Accuracy	up to 95%
Privacy Protection with Native Voice Data	yes
Support English	yes
Application Scenario	villas, apartment complexes, home automation systems, modern interiors



## 3 INTRODUCTION TO CONFIGURATION MENU

### 3.1 - Configuration menu

**Table A2 - MyBell IP Premium Indoor Monitor - Configuration menu**

Section	Description
<b>Status</b>	Basic information such as product information, network information, and account information.
<b>Account</b>	SIP account, SIP server, proxy server, transport protocol type, audio & video codec, DTMF, session timer, NAT and User Agent.
<b>Network</b>	DHCP & Static IP settings, RTP port setting, and device deployment.
<b>Device</b>	Settings of time, language, call feature, NTP, multicast, display, audio, multicast, relay, third- party APP, intercom, relay monitor.
<b>Contacts</b>	Configuration of the local contact list stored in the device and checking the logs.
<b>Upgrade</b>	Firmware upgrade, device reset & reboot, configuration file auto-provisioning, and PCAP.
<b>Security</b>	Password modification, account status & session time out configuration, client certificate and service location switching.
<b>Settings</b>	RTSP setting, wake up the device and brightness adaptation functions.
<b>Arming</b>	Configuration including arming zone setting, arming mode, disarm code, and alarm action.
<b>PBX</b>	Creating SIP numbers and managing SIP account settings.

### 3.2 - Mode selection

**Table A3 - MyBell IP Premium Indoor Monitor - Mode selection**

Mode	Description
<b>Discovery Mode</b>	It's a plug and play configuration mode. MyBell devices configure themselves automatically when powered on and connected to the network. It saves time and reduces manual operations. No prior configurations are required.
<b>Cloud Mode</b>	Yubii Home is an all-in-one mobile management system. It enables audio, video, and remote access control between smartphones and MyBell intercoms. All configurations in the device are issued automatically from the cloud. If you decide to use Yubii Home, please contact technical support to help configure the related settings.
<b>SDMC Mode</b>	SDMC (SIP Device Management Controller) is a comprehensive software for building management. It provides topography for community and a graphic configuration interface for door access, intercom, monitoring, and alarm. It allows property managers to manage, operate, and maintain the community.

### 3.3 - Tool selection

The table below lists some common MyBell configuration tools. If needed, contact your administrator to get a tool.

**Table A4 - MyBell IP Premium Indoor Monitor - Tool selection**

Mode	Description
<b>SDMC</b>	Manage the devices in large communities, including access control, resident information and remote device control.
<b>Upgrade</b>	Upgrade the devices in batch on a LAN (Local Area Network).
<b>PC Manager</b>	Distribute all configuration items in batch on a LAN.
<b>IP Scanner</b>	Search the device IP addresses on a LAN.
<b>FacePro</b>	Manage face data in batch for the door phone on a LAN.

## 4 INDICATOR LIGHT STATUS

The indicator light is on the right side of the device. It shows the different status of the device.



**Table A5 - MyBell IP Premium Indoor Monitor - Indicator light status**

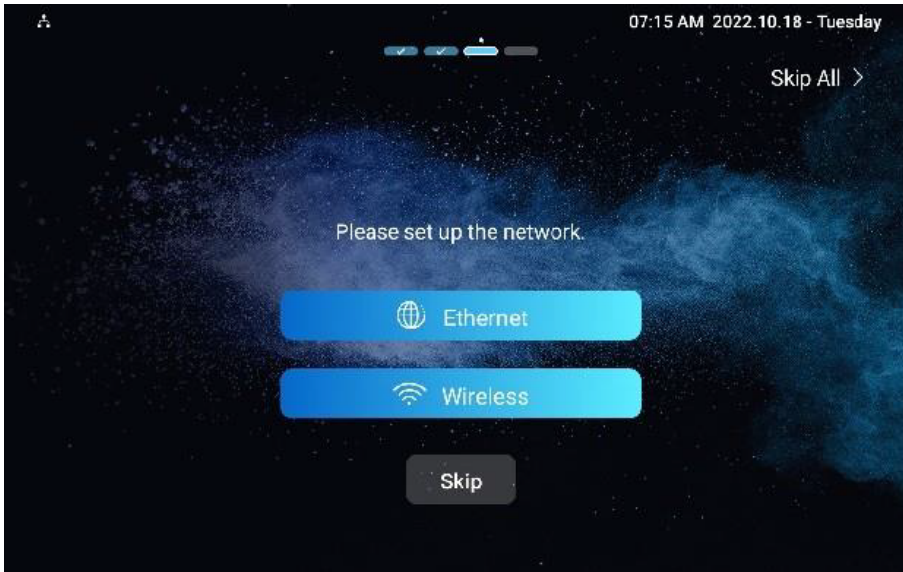
Indicator name	Color	Status	Description
<b>Power</b>	blue	ON	System is working.
		OFF	System isn't working.
<b>System Status</b>	blue	ON	System is working.
<b>Device Booting</b>	purple	ON	The device is powered on and booting.
<b>Network</b>	red	flashing	Failed to obtain IP address.
<b>Incoming Call</b>	blue	flashing	Receiving an incoming call.
<b>Outgoing Call</b>	blue	flashing	Making an outgoing call.
<b>In a Call</b>	blue	ON	During a call.
<b>End a Call</b>	blue	ON	End a call.
<b>Miss a Call</b>	purple	ON	Missed a call.
<b>Message</b>	purple	ON	There's an unread message.
<b>Screen/System</b>	N/A	OFF	<ul style="list-style-type: none"> <li>Screen is turned off.</li> <li>Device is turned off.</li> </ul>
<b>Alarm</b>	red	flashing	<ul style="list-style-type: none"> <li>An alarm is triggered.</li> </ul>
<b>Voice Assistant</b>	blue	ON	Waking up voice assistant.
<b>Door Bell</b>	blue	flashing	Door bell rings.
<b>Device Upgrade</b>	red	ON	Upgrading the device
<b>Reset</b>	red	ON	Resetting the device to factory setting.

## 5 ACCESS TO DEVICE

You can access the device system settings either on the device directly or by the device web interface.

### 5.1 - Device start-up network selection

When the device boots up initially, you need to select Ethernet or wireless network connection for the device.

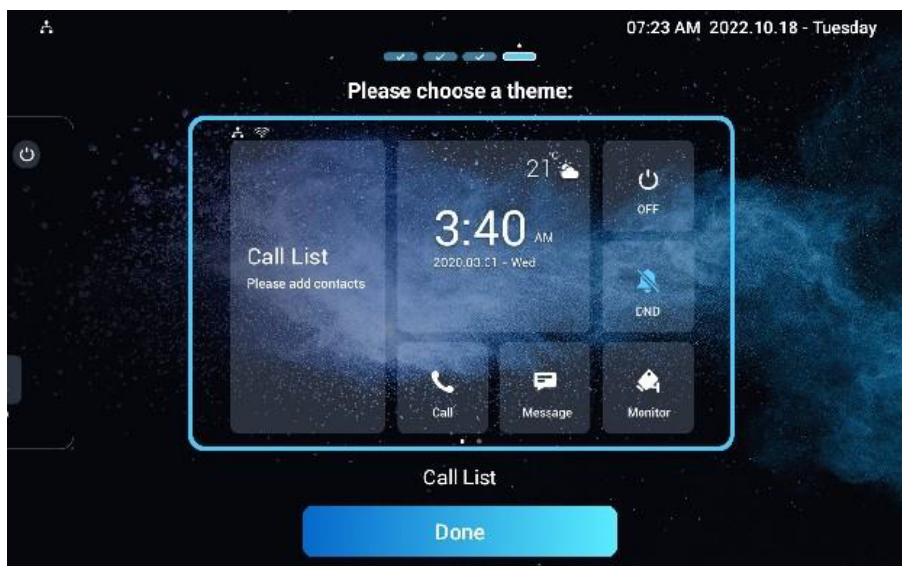
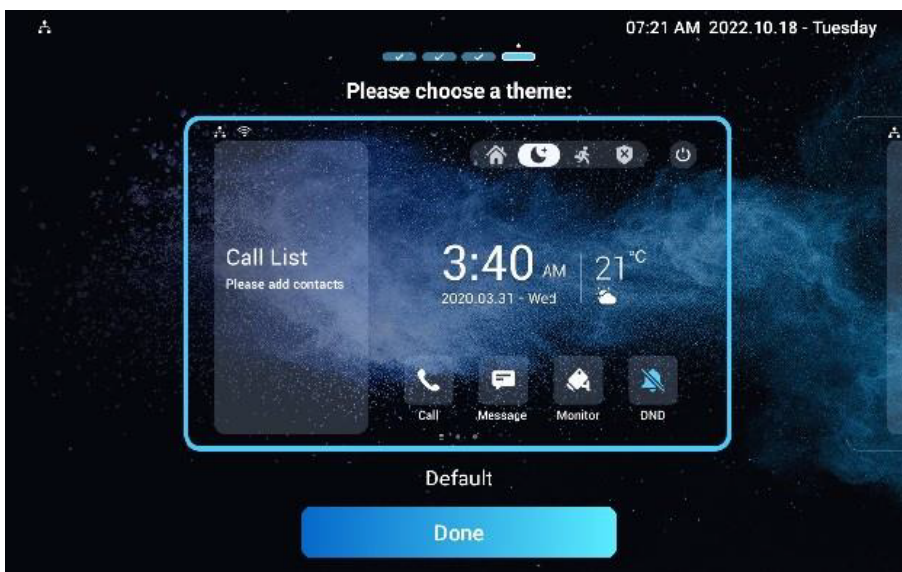


#### Note

Refer to the chapter on **Network Setting & Other connection** for the configuration of the Ethernet and wireless network connections.

### 5.2 - Device home screen type selection

The device supports two different home screen display modes: **Default** and **Call List**. Choose the mode suitable for your scenarios.




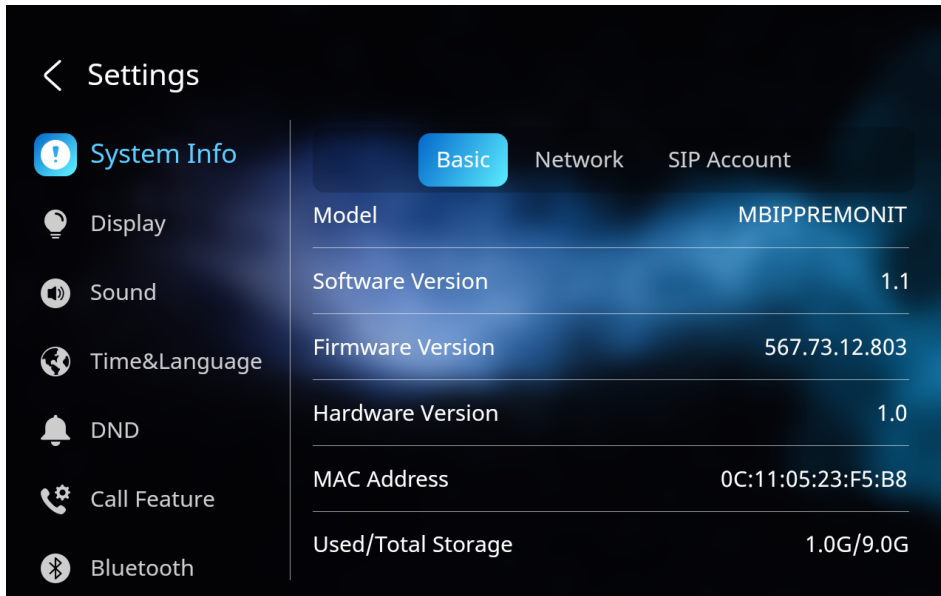


### 5.3 - Access to device settings on device

You can access the device basic setting and advanced setting to configure different types of functions as needed.

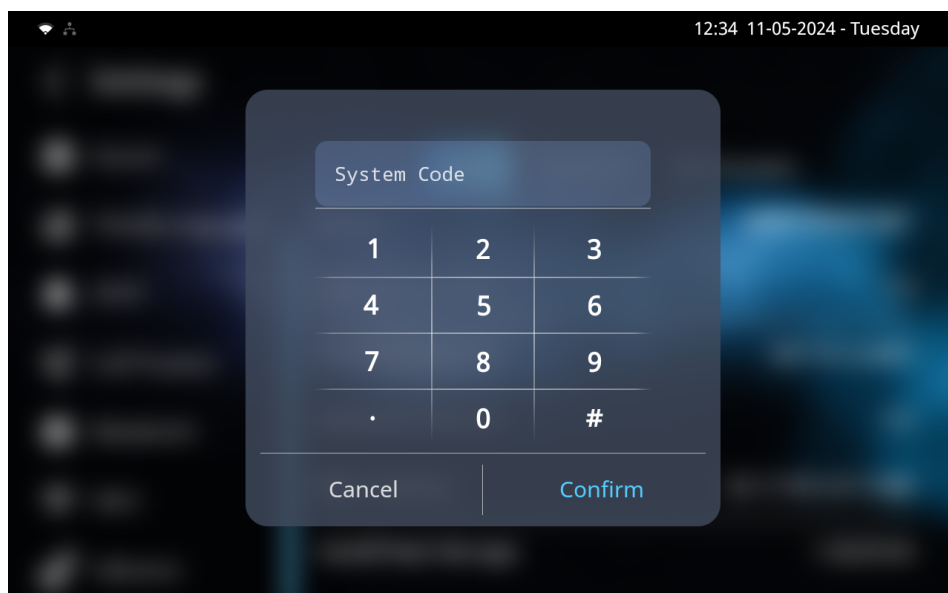
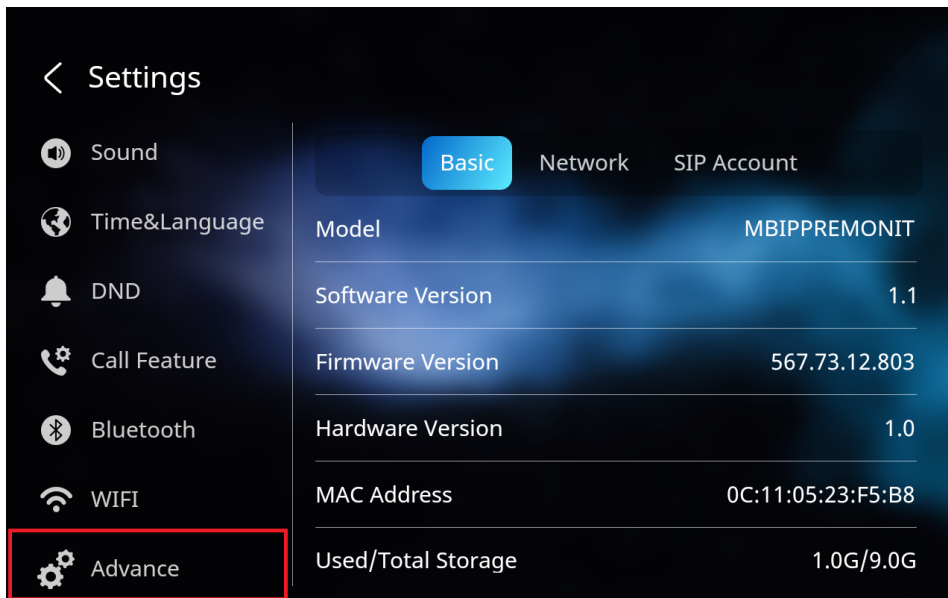
#### 5.3.1 - Access to device basic settings

To access the device basic settings swipe your finger left on the home screen, then tap **Settings** icon . You can check basic information such as MAC and firmware.



#### 5.3.2 - Access to device advanced settings

To access the device advanced settings, press **Settings**, then tap **Advanced Settings** icon and enter the password: **123456**.



#### 5.4 - Access to device settings by web interface

You can enter the device IP address in the web browser to log into the device web interface and configure settings. The default username and password are **admin/admin**.

To check the IP address:

**Settings > System Info > Network screen.**

You can also search the device by IP scanner, it can search all the devices on the same LAN.

#### Note

- You can also obtain the device IP address using the IP scanner to log in the device web interface.
- Google Chrome browser is strongly recommended.
- The default username and password are **admin/admin**. Make sure to enter them in correct case.



## 6 LANGUAGE AND TIME CONFIGURATION

### 6.1 - Language configuration

When you first set up the device, you can choose the preferred language. That can be done directly on the device or by the device web interface. The language can later be changed.

#### 6.1.1 - Language configuration on device

To choose the preferred language:

**Settings > Time & Language.**

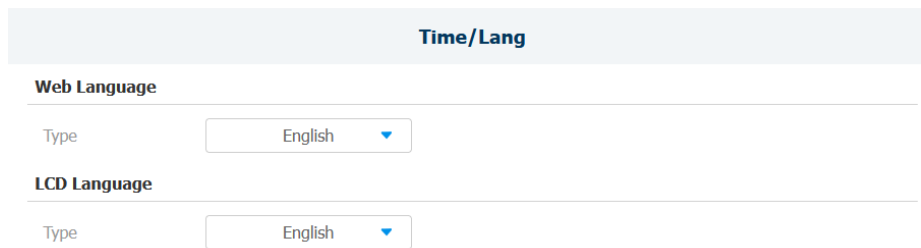


#### 6.1.2 - Language configuration by web interface

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

To configure the language display by the web interface:

**Device > Time/Lang.**



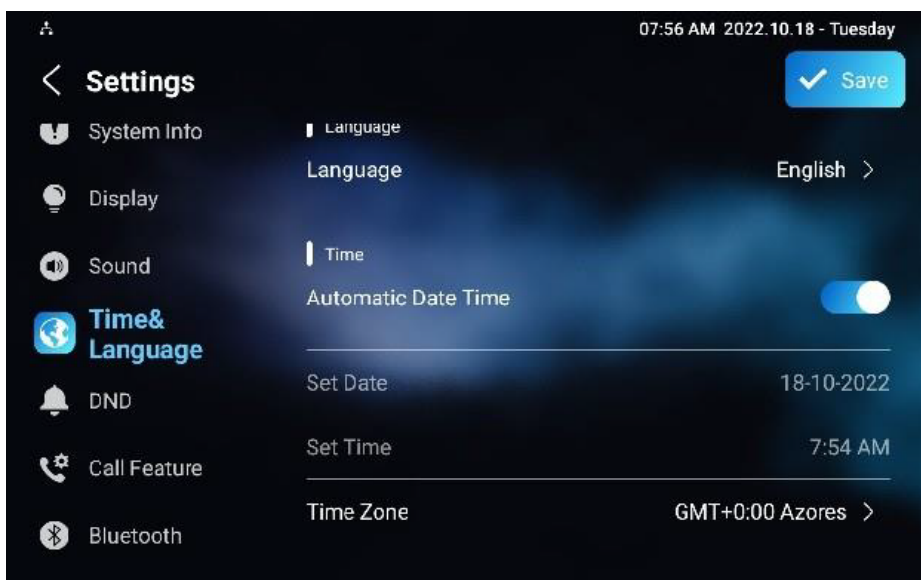
### 6.2 - Time configuration

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

#### 6.2.1 - Time configuration on device

To configure time on the device:

**Settings > Time & Language.**



**Table A6 - MyBell IP Premium Indoor Monitor - Time configuration on device**

Setting	Description
<b>Automatic Date &amp; Time</b>	Automatic date function is switched on by default, allowing the date and time to be automatically set and synchronized with the default time zone and the NTP server (Network Time Protocol). To set it up manually switch off the automatic date, then enter the date and time, and press the <b>Save</b> tab to save the setting.
<b>Time Zone</b>	Select the specific time zone depending on where the device is used. The default time zone is GMT+0:00.
<b>Date Format</b>	Select the date format from the following options: <b>Y-M-D</b> , <b>Y/M/D</b> , <b>D-M-Y</b> , <b>D/M/Y</b> , <b>M-D-Y</b> , and <b>M/D/Y</b> .
<b>Time Format</b>	Select the <b>12-hour</b> or <b>24-hour</b> time format.
<b>NTP Server</b>	Enter the obtained NTP server in the NTP server field. NTP server 2 is the backup server.

**6.2.2 - Time configuration by device web interface**

To set the time by the device web interface:

**Device > Time.**

This option also allows you to set up the obtained NTP server address to automatically synchronize the time and date. When the time zone is selected, the device automatically notifies the NTP server and the NTP server can synchronize the time zone setting in the device.

**Time Setting** ?

---

Automatic Date&Time  ?

Time Format  ?

Date Format  ?

Date  ?

Time  ?

Time Zone  ?

---

**NTP** ?

Preferred Server  ?

Secondary Server  ?

**Table A7 - MyBell IP Premium Indoor Monitor - Time configuration by web interface**

Setting	Description
<b>Preferred Server</b>	Enter the obtained NTP server address in the <b>NTP server field</b> .
<b>Secondary Server</b>	Enter the back up server address. In case of the main NTP server failure, it changes to the back up server automatically.

## 7 SCREEN DISPLAY CONFIGURATION

The device enables you to enjoy a variety of screen displays to enrich your visual experience through settings customized to your preference.

### 7.1 - Screen display configuration on device

You can configure a variety of features of the screen display such as brightness, a screen saver or font size.

To configure screen display on the device:

**Settings > Display.**

#### Note

You can't adjust the screen brightness manually if the brightness adaptation is enabled.

Setting	Description
<b>Brightness</b>	Press the brightness setting and move the yellow dot to adjust the screen brightness. The default brightness is <b>145</b> .
<b>Sleep Time</b>	Set the sleep time based on the screen saver. The time range is from 15 seconds to 30 minutes. <ul style="list-style-type: none"> <li>• If the screen saver is enabled, the sleep time is the screen saver start time. For example, if you set the sleep time to 1 minute, the screen saver starts automatically when there's no operation on the device for 1 min.</li> <li>• If the screen saver is disabled, the sleep time is the screen turn-off time. For example, if you set the sleep time to 1 minute, the screen is turned off automatically when there's no operation on the device for 1 min.</li> </ul>
<b>Screen Saver</b>	Tick this checkbox to enable the screen saver function.
<b>Screen Lock</b>	Tick this checkbox 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 using facial recognition.
<b>Screen Saver Type</b>	Select screen saver type <ul style="list-style-type: none"> <li>• <b>Local Pictures:</b> display picture uploaded to the indoor monitor as the screen saver.</li> <li>• <b>Local Videos:</b> display videos uploaded to the indoor monitor as the screen saver.</li> <li>• <b>Clock:</b> display the clock as the screen saver.</li> </ul>
<b>Screen Clean</b>	Before you start wiping the screen clean press the <b>Screen Clean</b> feature to avoid unwanted changes in settings while wiping the screen.
<b>Font Size</b>	Select the font size from: <b>Small, Normal, Large, and Huge.</b>
<b>Breathing Light</b>	Move the toggle switch to enable the <b>Breathing Light.</b>
<b>Wallpaper</b>	Select the local wallpaper.
<b>Brightness Adaptation</b>	If enabled, the device adjusts screen brightness automatically to adapt to the ambient brightness.

To enable or disable the brightness adaptation function remotely by the web interface:

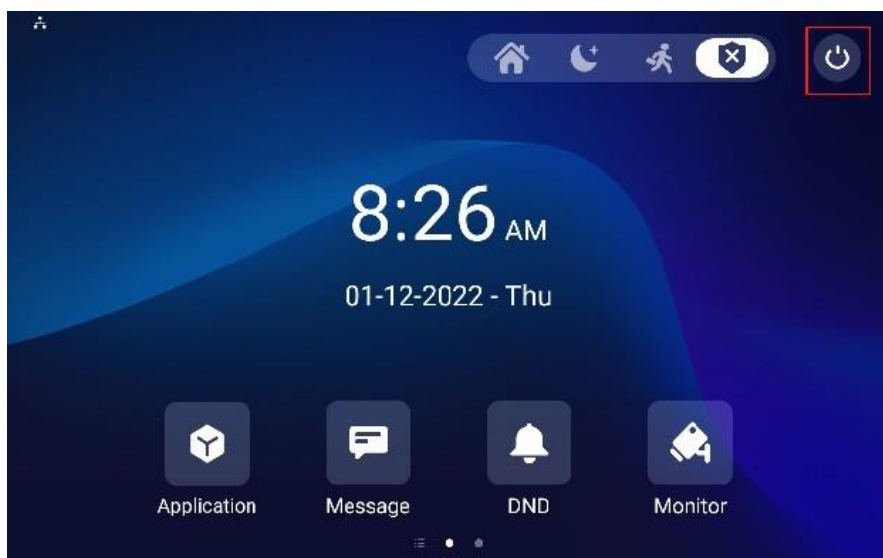
**Settings > Basic > Brightness Adaptation.**

Brightness Adaptation ?

Brightness Adaptation



You can also turn off the screen manually.



## 7.2 - Screen display configuration by web interface

### 7.2.1 - Uploading screen saver

To upload screen saver pictures separately or in batches to the device and the device web interface for public purpose or a greater visual experience:

#### Device > Display Setting > Screen Saver Setting

Screen Saver Setting ?

Screen Saver Pictures	<input type="button" value="Import"/> ?
Screen Saver Videos	<input type="button" value="Import"/> ?
Picture Files	<input type="text" value="Daydream1.jpg"/> <input type="button" value="Delete"/> ?
Video Files	<input type="text"/> <input type="button" value="Delete"/> ?
Screen Saver Type	<input type="text" value="Local Pictures"/> ?

#### Note

- The uploaded pictures should be in **JPG, JPEG, or PNG** format, with the maximum size of 2 MB.
- The previous picture with a specific ID order is overwritten in case of repetitive designation of pictures to the same ID order.

### 7.2.2 - Uploading wallpaper

To customize screen background picture on the device web interface:

#### Device > Display Setting > Wallpaper.

Wallpaper ?

Wallpaper	<input type="button" value="Import"/> ?
Wallpaper Files	<input type="text" value="7.jpg"/> <input type="button" value="Delete"/> ?

#### Note

The uploaded pictures should be in **JPG, JPEG, or PNG** format, with the maximum size of 2 MB.

### 7.3 - Uploading device booting image

You can upload the booting logo, web logo and web homepage logo image. All three types of logos can be customised.

To upload the booting image:

#### Device > Display Setting > Boot Logo.

Boot Logo ?

Boot Logo	<input type="button" value="Import"/> <input type="button" value="Reset"/> ?
Web Logo	<input type="button" value="Import"/> <input type="button" value="Reset"/> ?
Web Homepage Logo	<input type="button" value="Import"/> <input type="button" value="Reset"/> ?

Table A9 - MyBell IP Premium Indoor Monitor - Booting image configuration

Setting	Description
Boot Logo	Upload the logo appearing on the screen when you reboot the device.
Web Logo	Upload the logo appearing in the upper left corner of the web interface.
Web Homepage Logo	Upload the logo appearing on the login page of the web interface.

#### Note

The uploaded pictures should be in **PNG** or **ZIP** format.

### 7.4 - Approach to wake up

You can wake up the device manually by tapping the screen, or automatically by walking up to the device within the preset distance.

To configure this function:

**Settings > Basic > Wake Up Device.**

Wake Up Device ?

Wake Up Mode	<input type="text" value="Auto"/> <span>?</span>
Wake Up Distance	<input type="text" value="Short Distance"/> <span>?</span>

**Table A10 - MyBell IP Premium Indoor Monitor - Wake up function configuration**

Setting	Description
<b>Wake Up Mode</b>	Select <b>Manual</b> for the manual wake up or <b>Auto</b> for the automatic wake up (approach to wake-up). The default setting is Auto.
<b>Wake Up Distance</b>	Select the approach to wake-up distance: <ul style="list-style-type: none"> <li>• short distance – 50 cm.</li> <li>• long distance – 80 cm.</li> </ul>

### 7.5 - Icon screen display configuration

You can customize icon display on the **Home screen** and on one **More screen** for the convenience of operation.

To customize icon display:

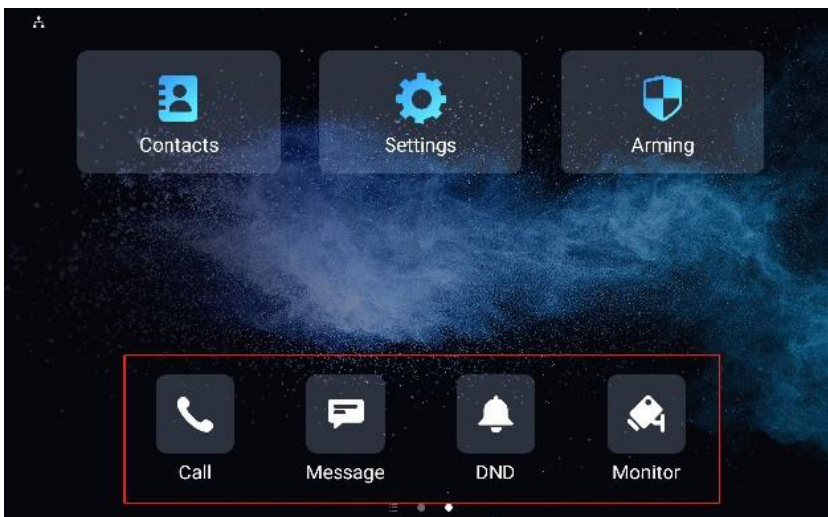
**Device > Display Setting > Home Page Display.**

Home Page Display ? Example

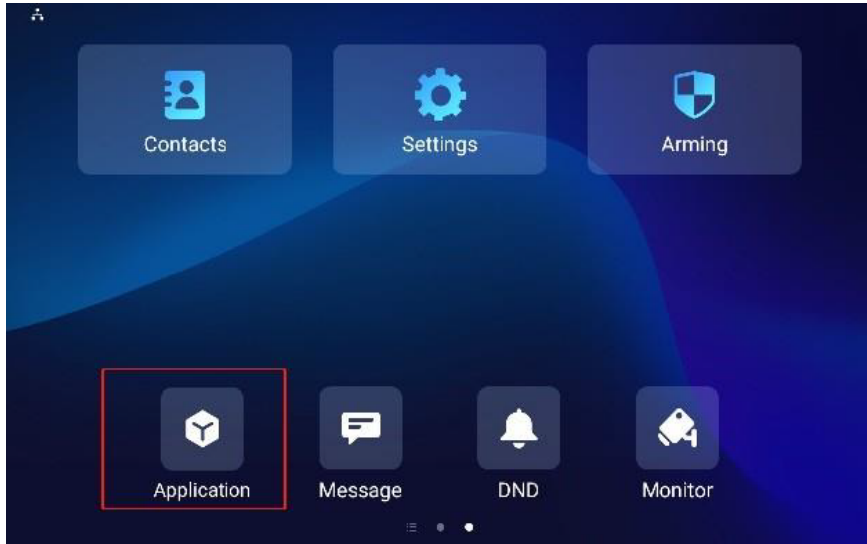
Area	Type	Value	Label	Icon(max size:100*100)
Area1	<input type="text" value="Call"/>	<input type="text"/>	<input type="text"/>	Not selected any files <input type="button" value="Select File"/> <input type="button" value="Delete"/>
Area2	<input type="text" value="Message"/>	<input type="text"/>	<input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

**Table A11 - MyBell IP Premium Indoor Monitor - Icon screen display configuration**

Setting	Description
<b>Type</b>	Select the functional icon you want to place on the home page ( <b>DND, Message, Contact, Call, System Info, Settings, Arming, SOS, Browser, Custom APK, Monitor, Relays, Unlock, All Calls, Unlock, Application</b> ).
<b>Value</b>	If you select the icon type, select the value. The value field for <b>Custom APK</b> fills in automatically if you have already installed a third-party app. If you select <b>Browser</b> , you are required to enter the URL of the browser before the browser icon is displayed.
<b>Label</b>	The icon can be renamed if needed. The DND can't be renamed.
<b>Icons</b>	Click to upload the icon picture. The maximum icon size is <b>100x100</b> . The picture format can be <b>JPG, JPEG, and PNG</b> . See the four icons on the home screen below.



To allow users to easily access the third-party App you installed, you can create an Application icon. Users can tap the icon to select and run the chosen app.



To configure the **More Icon Display** on **More Page Display** using the same interface, see the image below:

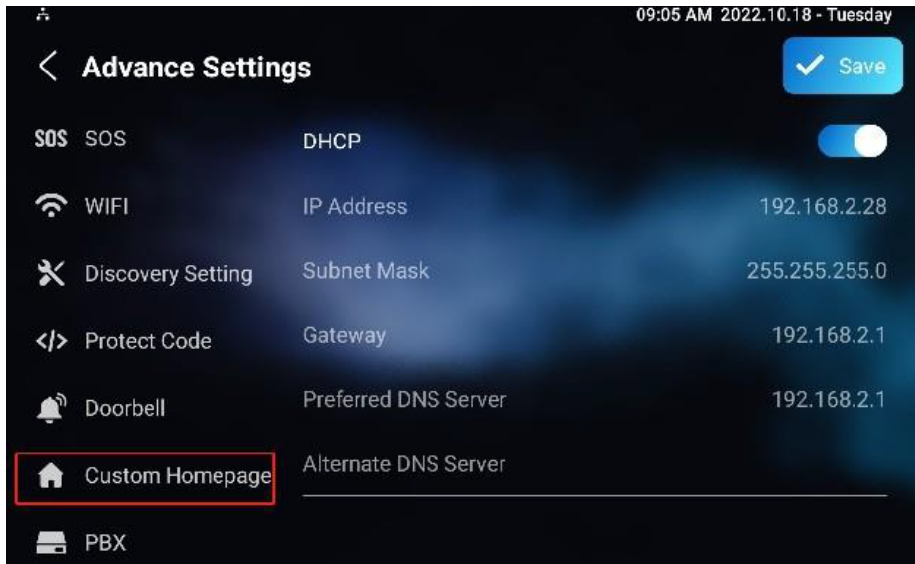


You can also customize the homepage display by selecting your favorite functions, which are displayed on the home screen.

To configure it:

**Setting > Advanced Settings.**

Then enter the default system code **123456**, tap **Custom Homepage**, then tap any icon before selecting your favorite function.





## 7.6 - Unlock Tab configuration

### 7.6.1 - Unlock Tab configuration on Talking Screen

You can customize your unlock tab on a different screen for door opening. You can also select the relay type for the door opening. To configure unlock tab on the Talking Screen:

**Device > Relay > SoftKey In Talking Page.**

SoftKey In Talking Page 

Key	Status	Display Name	Type
Key1	Enabled	Unlock1	Local Relay
Key2	Enabled	Unlock2	1
Key3	Enabled	Unlock3	Remote Relay DTMF1


**Table A12 - MyBell IP Premium Indoor Monitor - Unlock Tab configuration on Talking Screen**

Setting	Description
<b>Status</b>	Enable the unlock tabs on the talking screen. You can see the unlock tabs during a call.
<b>Display Name</b>	Name the unlock tab.
<b>Type</b>	Select the relay and the relay trigger type to be activated by the unlock tab (Local Relay, Remote Relay HTTP, Remote Relay DTMF, Web Relay Actions).

### 7.6.2 - Unlock Tab configuration on Home and More Screen

Scroll down to configure the **Unlock Tab** on the **Home Screen** and **More Screen**:

**Device > Relay > SoftKey In Home or More Screen.**

SoftKey In Home Or More Page 

Status	Display Name	Type
Enabled	Unlock	Remote Relay HTTP1

**Table A13 - MyBell IP Premium Indoor Monitor - Unlock Tab configuration on Home and More Screen**

Setting	Description
<b>Status</b>	Enable the unlock tabs on the screen. You can see the unlock tabs during a call.
<b>Display Name</b>	Name the unlock tab.
<b>Type</b>	Select the relay and the relay trigger type to be activated by the unlock tab (Remote Relay HTTP).

### 7.6.3 - Unlock Tab configuration on Monitor Screen

To configure the Unlock Tab on the Monitor Screen:

SoftKey In Monitor Page 

Status	Display Name	Type
Enabled	Unlock	Remote Relay HTTP

**Table A14 - MyBell IP Premium Indoor Monitor - Unlock Tab configuration on Monitor Screen**

Setting	Description
<b>Status</b>	Enable the unlock tabs on the screen. You can see the unlock tabs on the monitoring screen.
<b>Display name</b>	Name the unlock tab.
<b>Type</b>	Select the relay and the relay trigger type to be activated by the unlock tab (Remote Relay HTTP, Local Relay, Web Relay Action).

### 7.6.4 - Unlock Tab configuration on Call Preview Screen

To configure the **Unlock Tab** on the **Call Preview Screen**:

SoftKey In Call-Preview Page 

Status	Display Name	Type
Enabled 	Unlock	Remote Relay HTTP 


**Table A15 - MyBell IP Premium Indoor Monitor - Unlock Tab configuration on Call Preview Screen**

Setting	Description
<b>Status</b>	Enable the unlock tabs on the screen. You can see the unlock tabs on the call preview screen.
<b>Display name</b>	Name the unlock tab.
<b>Type</b>	Select the relay and the relay trigger type to be activated by the unlock tab (Remote Relay HTTP, Local Relay, Web Relay Action).



### 7.7 - Home screen display

To select the default or call list home screen display:

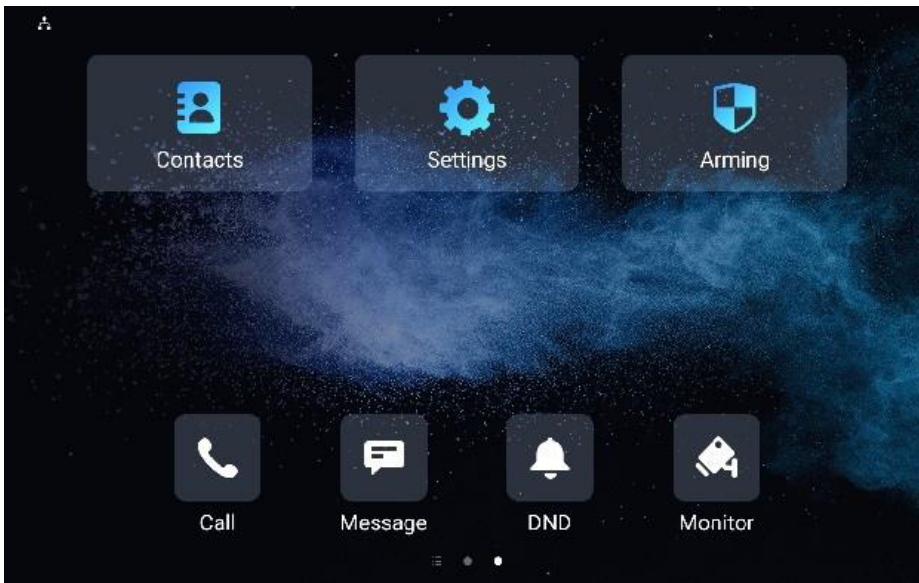
**Device > Display Setting > Theme.**

Theme 

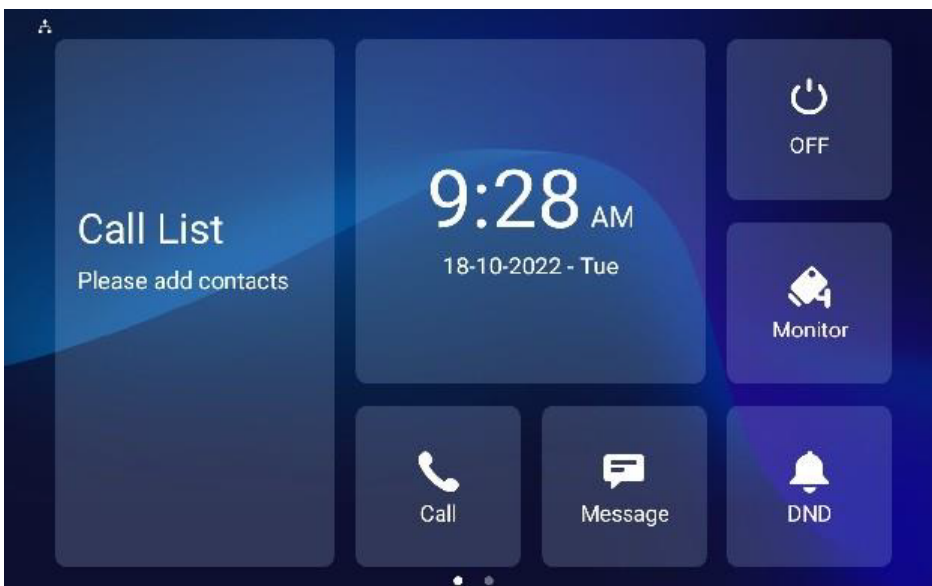
---

Theme Default  

Default Home Screen:



Call List Home Screen:





## 8 SOUND AND VOLUME CONFIGURATION

### 8.1 - Volume configuration

#### 8.1.1 - Volume configuration on device

To configure volume on the device:

**Settings > Sound.**



**Table A16 - MyBell IP Premium Indoor Monitor - Volume configuration on device**

Setting	Description
<b>Ring Volume</b>	Adjust the incoming call ringtone volume.
<b>Call Volume</b>	Adjust the speaker volume during a call.
<b>Mic Volume</b>	Adjust the microphone volume.
<b>Media Volume</b>	Adjust the video screen saver volume.
<b>Touch Sound</b>	Adjust the icon tapping sound.
<b>Phone Ringtone</b>	Select the incoming calls ringtone.
<b>Notification Sound</b>	Select the incoming messages ringtone.

#### 8.1.2 - Volume configuration by web interface

To configure the volumes and tones and customize the doorbell sound and alarm ringtone by the device web interface:

**Device > Audio > Volume Control.**

##### Volume Control

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

**Touch Sound** ⓘ

Touch Sound Enabled  ⓘ

---

**Doorbell Sound Upload** ⓘ

Doorbell Sound Upload  ⓘ

Doorbell Sound   ⓘ

---

**Alarm Ringtone Upload** ⓘ

Alarm Ringtone Upload  ⓘ

Alarm Ringtone   ⓘ

**Note**  
 Doorbell sound files and Alarm Ringtone files must be in **WAV** or **MP3** format. There is no size limit for the file.

**8.2 - Doorbell sound configuration**

You can also configure the doorbell sound and select the local relay to be triggered along with the doorbell.



Table A17 - MyBell IP Premium Indoor Monitor - Doorbell sound configuration	
Setting	Description
<b>Doorbell Sound</b>	Select your doorbell sound.
<b>Doorbell Timeout</b>	Set doorbell duration (from 10 s to 5 min). Select the local relay you want to trigger along with the doorbell. You can select <b>None</b> if you don't want to trigger any relay.
<b>Relay</b>	Select the local relay you want to be triggered along with the doorbell. You can select <b>None</b> if you don't want to trigger any relay.

## 9 PHONE BOOK CONFIGURATION

### 9.1 - Phone book configuration on device

To configure the contacts by adding and modifying contact groups or contacts on the device:

**Contacts > Local Contacts.**

#### 9.1.1 - Adding contacts

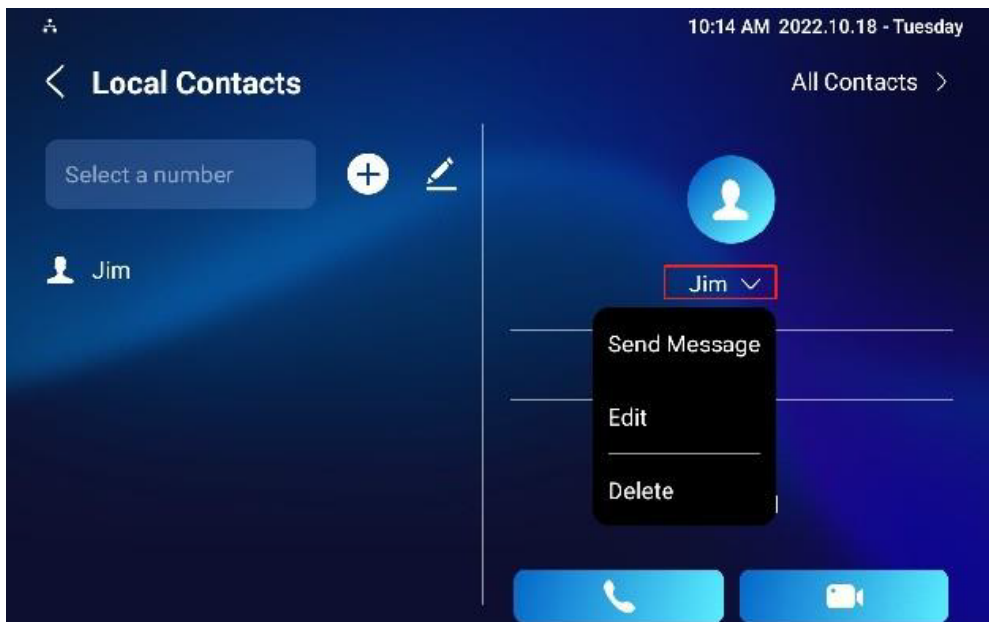
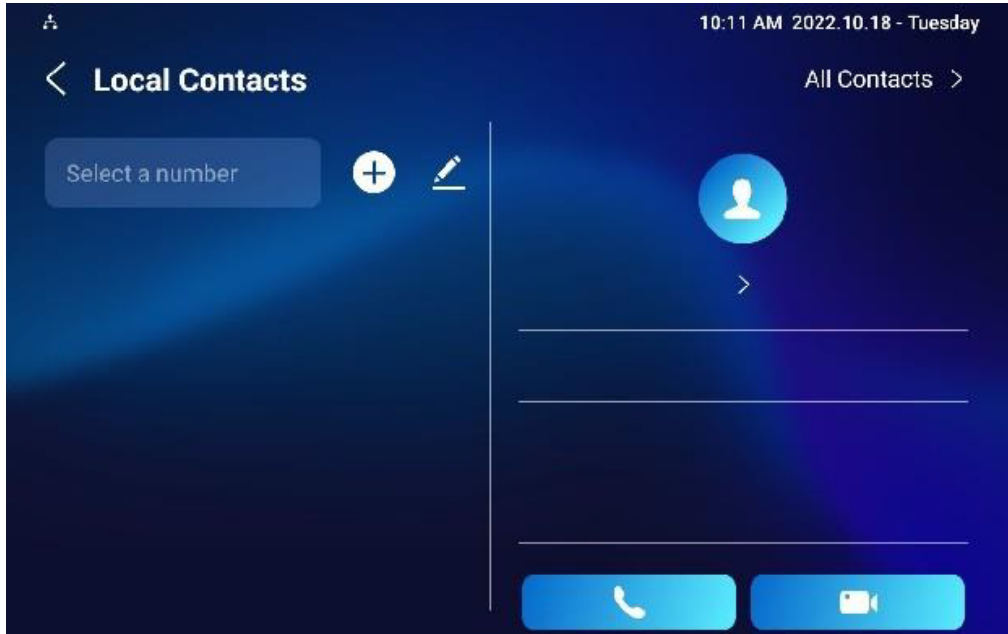


Table A18 - MyBell IP Premium Indoor Monitor - Adding contacts on device

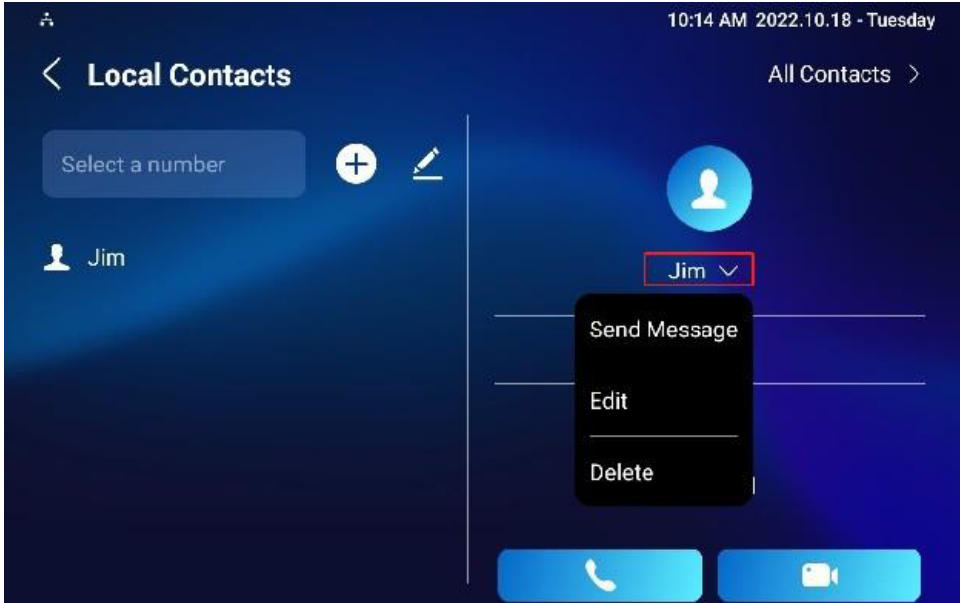
Field	Description
<b>Account1</b>	Select which account to use to dial out – Account 1 or Account 2.
<b>New Contact Name</b>	Enter the name to save.
<b>Number</b>	Enter the IP or SIP number to save.
<b>CameraUrl</b>	Enter the RTSP URL for video preview.
<b>Auto Ringtone</b>	Select the phone ringtone for incoming calls.

#### Note

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

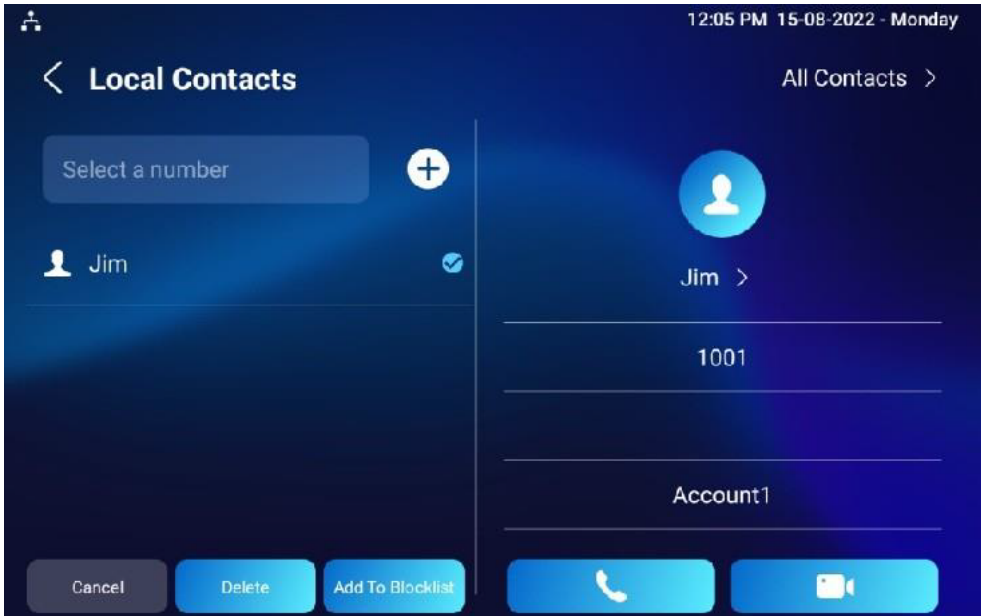
### 9.1.2 - Editing contacts

To check and edit the contacts in the phonebook list choose one contact and click **Edit** to modify.



### 9.1.3 - Blocklist setting on device

From the contact list you can choose the contact you want to add to the blocklist. Incoming calls from the contacts in the blocklist are rejected.



#### Note

You can delete contacts from the All Contacts screen and the Blocklist screen.

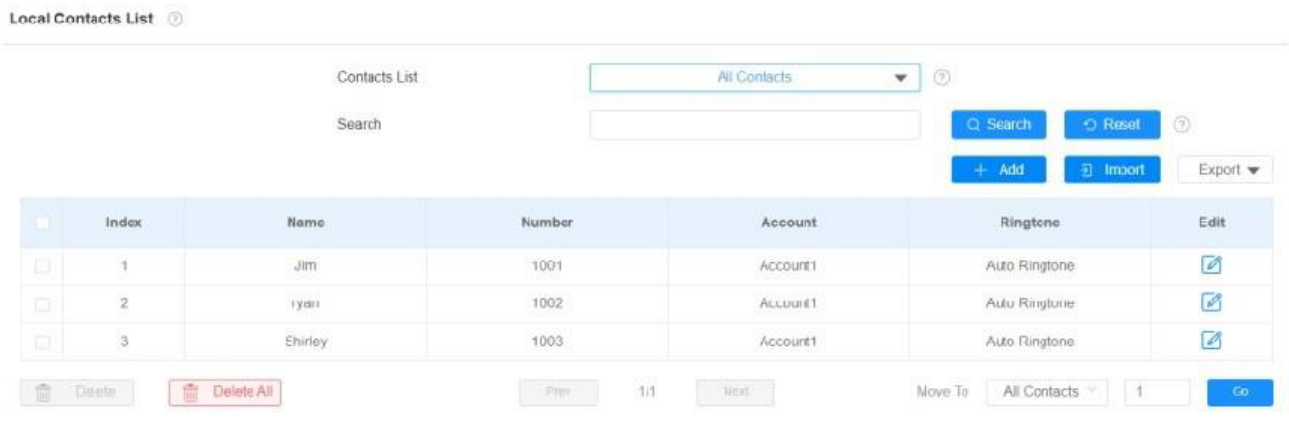
## 9.2 - Phone book configuration by web interface

### 9.2.1 - Adding, editing, deleting and searching local contacts

You can add, edit, delete and search local contacts by the web interface.

To add contacts:

**Contacts > Local Contacts > Local Contacts List**, then click **+ Add**.



## Add Contact

X

Name	<input type="text"/>	?
Number	<input type="text"/>	?
Group	Default ▼	?
Dial Account	Account1 ▼	?
Ringtone	Auto Ringtone ▼	?

Cancel

Submit

**Table A19 - MyBell IP Premium Indoor Monitor - Adding contacts by web interface**

Field	Description
<b>Contact List</b>	Select <b>All Contacts</b> to display all contacts in the contact list. Select <b>Blocklist</b> to display the contacts in the blocklist.
<b>Search</b>	Search the contact by the contact number.
<b>Name</b>	Enter the contact name.
<b>Number</b>	Enter the contact SIP or IP number.
<b>Group</b>	Select <b>Default</b> for the local contact group. Select <b>Blocklist</b> to add the contact to the blocklist.
<b>Dial Account</b>	Select the account from which you want to call the contact.
<b>Ringtone</b>	Select the ringtone for the incoming call from the contact.

### Note

To remove the contact from the blocklist by the web interface, change the group to **Default** when editing the contact.

### 9.3 - Importing and exporting contacts

To import and export contacts in batches:

**Contacts > Local Contacts > Local Contacts List**,  
the file should be in **XML** or **CSV** format.

Local Contacts List ⓘ

Contacts List:  ?

Search:

?

	Index	Name	Number	Account	Ringtone	Edit
<input type="checkbox"/>	1	Jim	1001	ACCOUNT1	Auto Ringtone	<input type="button" value="Edit"/>
<input type="checkbox"/>	2	ryari	1002	ACCOUNT1	Auto Ringtone	<input type="button" value="Edit"/>
<input type="checkbox"/>	3	Shirley	1003	Account1	Auto Ringtone	<input type="button" value="Edit"/>

1/1

Move To:

## 9.4 - Contact list display configuration

To configure contacts by the web interface:

**Contacts > Local Contacts > Contacts List Setting.**

**Contacts List Setting** ⓘ

Contacts Sort By:  ⓘ

Show Local Contacts Only:  ⓘ

---

**Local Contacts List** ⓘ

Contacts List:  ⓘ

Search:

ⓘ

Index	Name	Number	Account	Ringtone	Edit
1	Jim	1001	Account1	Auto Ringtone	

1/1

Move To:

**Table A20 - MyBell IP Premium Indoor Monitor - Contact list display configuration**

Setting	Description
<b>Contact Sort By</b>	If the local contacts are displayed before the contacts from SmartPlus, SDMC, etc., select ASCII Code to display contacts in alphabetical order. Select <b>Created time</b> to sort contacts by their creation time.
<b>Show Local Contacts Only</b>	If enabled, only the local contacts are displayed. If disabled, all contacts from SmartPlus cloud, SDMC, etc., are displayed.

## 9.5 - Web call

To make SIP calls or IP calls by the web interface enter the contact SIP or IP number and click **Dial**.

**Dial Number** ⓘ

ⓘ

# 10 NETWORK CONFIGURATION AND OTHER CONNECTIONS

You can check the indoor monitor network connection info and configure the default Dynamic Host Configuration Protocol (DHCP) mode and a static IP connection for the device either on the device or by the device web interface.

## 10.1 - Network connection configuration on device

To check and configure the network connection on the device:

**Settings > Advance Settings.**



**Table A21 - MyBell IP Premium Indoor Monitor - Network connection configuration on device**

Setting	Description
<b>DHCP</b>	Select the <b>DHCP mode</b> by moving the toggle switch to the right. DHCP mode is the default network connection. If the DHCP mode is turned on, the door phone is assigned by the DHCP server with IP address, subnet mask, default gateway, and Domain Name Server (DNS) automatically. If you turn off the DHCP mode, the device switches to <b>Static IP mode</b> and the IP address, subnet mask, default gateway, and DNS server address need to be configured manually according to your network environment.
<b>IP Address</b>	Set up the IP address if the <b>Static IP</b> mode is selected.
<b>Subnet Mask</b>	Set up the subnet mask according to your network environment.
<b>Gateway</b>	Set up the correct gateway according to the IP address of the default gateway.
<b>Preferred and Alternate DNS Server</b>	Set up the preferred or alternate DNS server according to your actual network environment. The preferred DNS server is the primary DNS server address while the alternate DNS server is the secondary address and the door phone connects to the alternate server when the preferred server is unavailable.

### Note

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

## 10.2 - Network connection configuration by web interface

To check the network by the web interface:

**Status > Network information.**

**Network Information** ?

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

To check and configure network connection by the web interface:

**Network > Basic > LAN Port.**

**LAN Port** ?

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

**Table A22 - MyBell IP Premium Indoor Monitor - Network connection configuration by web interface**

Setting	Description
<b>Type</b>	<ul style="list-style-type: none"> <li>If the <b>DHCP mode</b> is selected, the indoor monitor is assigned by the DHCP server with IP address, subnet mask, default gateway, and DNS server address automatically.</li> <li>If the <b>Static IP mode</b> is selected, the IP address, subnet mask, default gateway, and DNS server address need to be configured manually according to your network environment.</li> </ul>
<b>IP Address</b>	Set up the IP address if the <b>Static IP</b> mode is selected.
<b>Subnet Mask</b>	Set up the subnet mask according to your network environment.
<b>Default Gateway:</b>	Set up the correct gateway according to the IP address of the default gateway.
<b>Preferred and Alternate DNS Server</b>	Set up the preferred or alternate DNS server according to your actual network environment. The preferred DNS server is the primary DNS server address while the alternate DNS server is the secondary address and the door phone connects to the alternate server when the preferred server is unavailable.



### 10.3 - Device deployment in network

Indoor monitors need to be deployed before they are properly configured in the network environment in terms of their location, operation mode, address, and extension numbers for device control and the convenience of management.

To deploy the device in the network by the web interface:

**Network > Advanced > Connect Setting.**

**Table A23 - MyBell IP Premium Indoor Monitor - Device deployment in network**

Setting	Description
<b>Connect Mode</b>	It's set up automatically according to the actual device connection with a specific server in the network such as <b>SDMC</b> or <b>Cloud</b> and <b>None</b> . <b>None</b> is the default factory setting indicating the device isn't in any server type, therefore you can choose <b>Cloud</b> , <b>SDMC</b> in the discovery mode.
<b>Discovery Mode</b>	Enable 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.
<b>Device Node</b>	Specify the device address by entering device location information from the left to the right: <b>Community, Unit, Stair, Floor, Room</b> in sequence.
<b>Device Extension</b>	Enter the device extension number for the device you installed.
<b>Device Location</b>	Enter the location in which the device is installed and used.

### 10.4 - Device NAT configuration

Network Address Translation (NAT) enables hosts in an organization private intranet to connect transparently to hosts in the public domain. There is no need for internal hosts to have registered Internet addresses. It is a way to translate an internal private network IP address into a legal network IP address technology.

To set up NAT by the web interface:

**Account > Basic > NAT.**

**Table A24 - MyBell IP Premium Indoor Monitor - Device NAT configuration**

Setting	Description
<b>NAT</b>	Enable the NAT function
<b>Stun Server Address</b>	Enter the SIP server in WAN.
<b>Port</b>	Enter the SIP server port.

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

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

## 10.5 - Device Bluetooth configuration

### 10.5.1 - Device Bluetooth pairing

You need to enable the Bluetooth feature on the device before you can pair the indoor monitor with other Bluetooth-featured devices. To enable the Bluetooth feature:

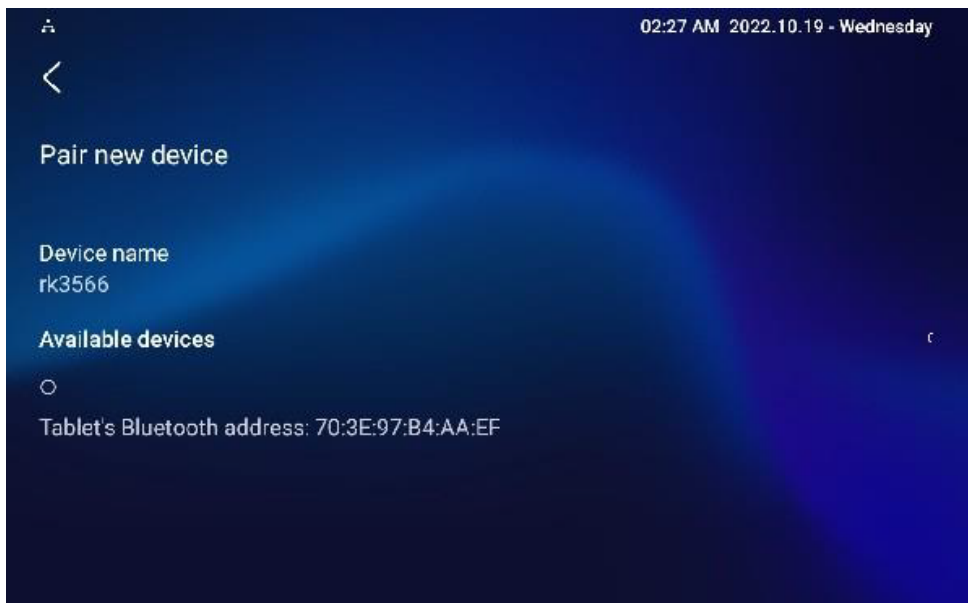
**Settings > Bluetooth.**

NAT 

NAT	<input checked="" type="checkbox"/>	
Stun Server Address	<input type="text"/>	
Port	<input type="text" value="3478"/>	(1024-65535) 

### 10.5.2 - Device Bluetooth data transmission

To transfer data via Bluetooth click **Pair new device**.



#### Note

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

## 10.6 - Device Wi-Fi configuration

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

To configure Wi-Fi on the device:

**Settings > Advance Setting.**



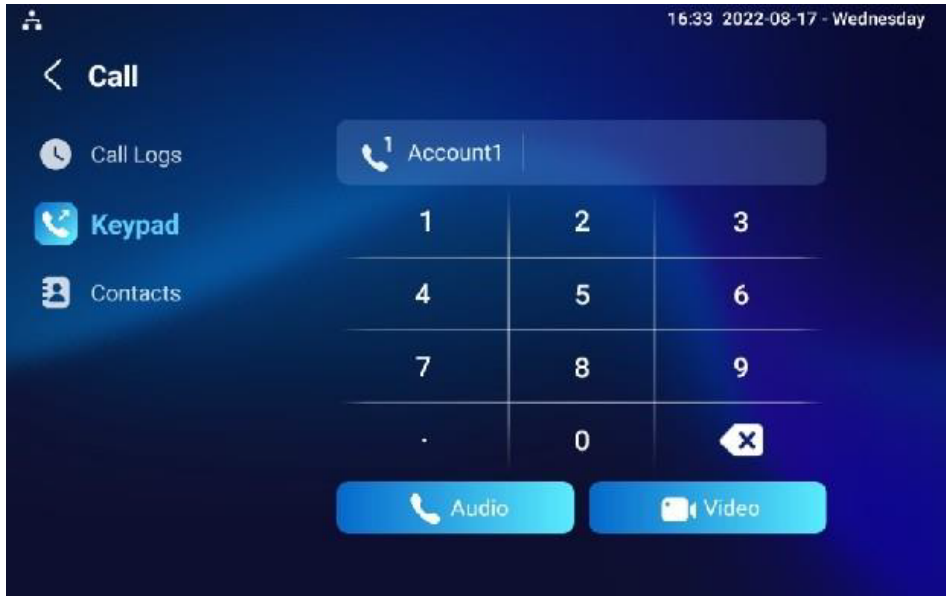
# 11 INTERCOM CALL CONFIGURATION

## 11.1 - IP call and IP call configuration

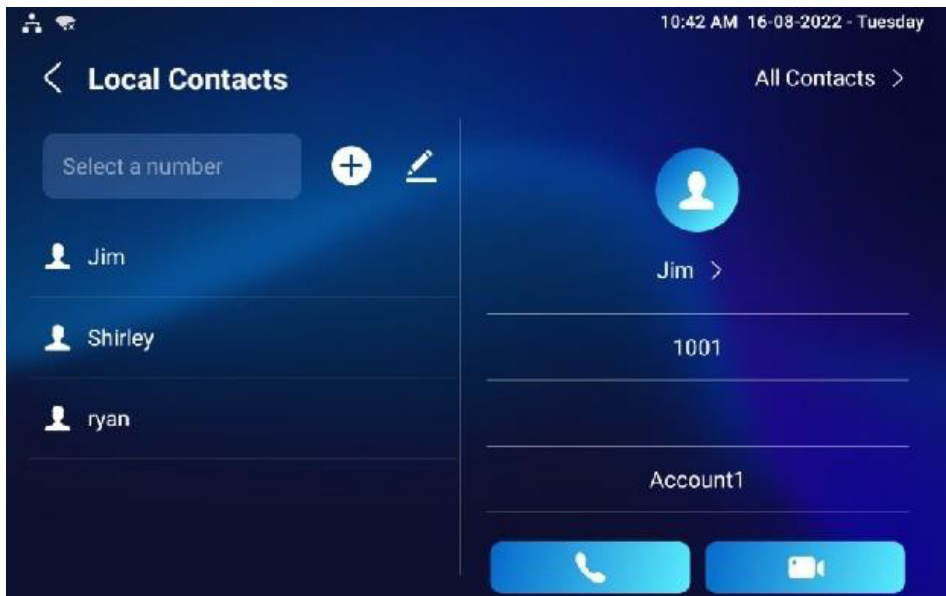
IP calls and SIP calls can be made directly on the intercom device by entering the IP number. You can also disable the direct IP calls so that no IP calls can be made.

### 11.1.1 - Making IP calls

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



You can also make IP calls on the **Local Phonebook** on your device.



### 11.1.2 - IP configuration

To configure the IP call feature and port by the device web interface:

**Device > Call Feature > Others.**

Others ?

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

**Table A25 - MyBell IP Premium Indoor Monitor - IP configuration**

Setting	Description
<b>Direct IP Call</b>	Tick this checkbox to enable the direct IP call. If you don't allow direct IP calls to be made on the device, untick this checkbox.
<b>Direct IP Call Port</b>	The direct IP port is <b>5060</b> by default. The range for direct IP port is from 1 to 65535. If you enter any other values within the range other than <b>5060</b> , you need to check if the value entered is consistent with the corresponding value on the device you wish to establish a data transmission with.

### 11.2 - SIP call and SIP call configuration

You can make a Session Initiation Protocol (SIP) call in the same way as you make the IP calls using the device. However, SIP call settings related to its account, server, and transport type need to be configured first.

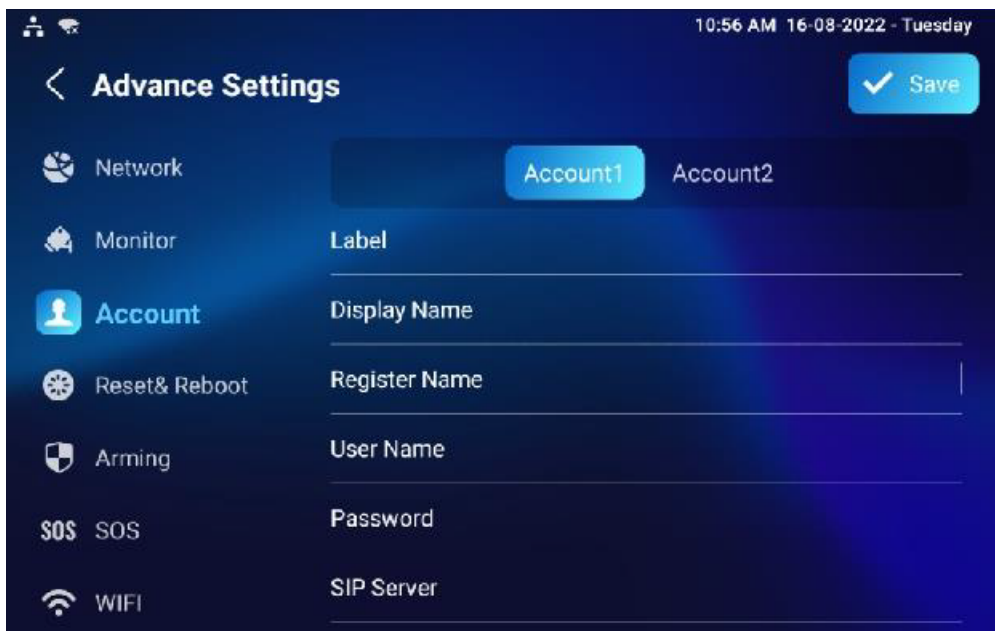
#### 11.2.1 - SIP account registration

The indoor monitors support two SIP accounts that can be registered according to your applications and you can switch between them. The SIP account can be configured on the device or by the web interface.

To configure the SIP account on the device:

**Settings > Advance Settings > Account.**





**Table A26 - MyBell IP Premium Indoor Monitor - SIP account registration on device**

Setting	Description
<b>Account1/Account2</b>	Select Account1 or Account2. The default SIP account is Account1.
<b>SIP Port</b>	Enter the SIP server port for communication. The default SIP port is 5060.

The parameter settings for SIP account registration can be configured on the Account setting screen and by the device web interface.

To configure these parameters by the web interface:

**Account > Basic > SIP Account interface.**

**SIP Account** ⓘ

---

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

**Table A27 - MyBell IP Premium Indoor Monitor - SIP account registration by web interface**

Setting	Description
<b>Status</b>	Check to see if the SIP account is registered.
<b>Account</b>	Select Account1 or Account2.
<b>Account Enabled</b>	Tick this checkbox to activate the registered SIP account.
<b>Display Label</b>	Configure the device label to be shown on the device screen.
<b>Display Name</b>	Configure the name, for example, the device name to be shown on the device being called to.
<b>Register Name</b>	Enter the SIP account register name obtained from the SIP account administrator.
<b>Username</b>	Enter the username obtained from the SIP account administrator.
<b>Password</b>	Enter the password obtained from the SIP server.

### 11.2.2 - SIP server configuration

SIP servers can be set up for devices to achieve call sessions through SIP servers between intercom devices.

To set the SIP account by the web interface:

**Account > Basic > SIP Account.**

**Table A28 - MyBell IP Premium Indoor Monitor - SIP server configuration by web interface**

Setting	Description
<b>Server IP</b>	Enter the server IP address number or its URL.
<b>Port</b>	Set up the SIP server port for data transmission.
<b>Registration Period</b>	Set up the SIP account registration time span. A SIP re-registration starts automatically if the account registration fails during the registration time span. The default registration period is 1800 and it can range from 30 to 65535 seconds.

### 11.2.3 - Outbound proxy server configuration

An outbound proxy server is used to receive all initiating request messages and route them to the designated SIP server to establish call sessions by port-based data transmission.

To configure the outbound proxy server by the web interface:

**Account > Basic > Outbound Proxy Server.**

**Table A29 - MyBell IP Premium Indoor Monitor - Outbound proxy server configuration**

Setting	Description
<b>Outbound Enable</b>	Tick or untick this checkbox to turn the outbound proxy server on or off.
<b>Preferred Outbound Proxy Server</b>	Enter the SIP address of the outbound proxy server.
<b>Preferred Outbound Proxy Port</b>	Enter the port number to establish call session through the outbound proxy server.
<b>Alternate Outbound Proxy Server</b>	Set up backup server IP for the backup outbound proxy server.
<b>Alternate Outbound Proxy Port</b>	Enter the port number to establish call session through the backup outbound proxy server.

### 11.3 - SIP Call DND and return code configuration

Do not disturb (DND) setting enables you not to be disturbed by any unwanted incoming SIP calls. You can set up DND-related settings by the device web interface to block SIP calls you don't intend to answer. You can also define the code to be sent to the SIP server when you want to reject the call.

To configure DND by the web interface:

**Device > Call Feature > DND.**



**Table A30 - MyBell IP Premium Indoor Monitor - DND configuration**

Setting	Description
<b>DND</b>	Check the <b>Whole Day</b> or <b>Schedule</b> to enable the DND function. The DND function is disabled by default.
<b>Return Code When DND</b>	Select what code should be sent to the calling device through the SIP server: <ul style="list-style-type: none"> <li>• 404 for Not found.</li> <li>• 480 for Temporary Unavailable.</li> <li>• 486 for Busy Here.</li> </ul>
<b>Return Code When Refuse</b>	Select the code to be sent to the caller side via SIP server when you rejected the incoming call.

**11.4 - Device local RTP configuration**

For the device network data transmission purpose, the device needs to be set up with a range of Real-time Transport Protocol (RTP) ports for establishing an exclusive range of data transmission in the network.

To set up device local RTP by the web interface:

**Network > Advanced > Local RTP.**

**Table A31 - MyBell IP Premium Indoor Monitor - Device local RTP configuration**

Setting	Description
<b>Starting RTP Port</b>	Enter the port value to establish the start point for the exclusive data transmission range.
<b>Max RTP Port</b>	Enter the port value to establish the endpoint for the exclusive data transmission range.

**11.5 - Data transmission type configuration**

SIP messages can be transmitted in the following data transmission protocols:

- User Datagram Protocol (UDP).
- Transmission Control Protocol (TCP).
- Transport Layer Security (TLS).
- DNS-SRV.

In the meantime, you can identify the server from which the data comes.

To set up data transmission type by the web interface:

**Account > Basic > Transport Type.**

**Table A32 - MyBell IP Premium Indoor Monitor - Data transmission type configuration**

Setting	Description
<b>UDP</b>	Select UDP for unreliable but very efficient transport layer protocol. UDP is the default transport protocol.
<b>TCP</b>	Select TCP for reliable but less-efficient transport layer protocol.
<b>TLS</b>	Select TLS for a secured and reliable transport layer protocol.
<b>DNS-SRV</b>	Select DNS-SRV to obtain a DNS record for specifying the location of services. SRV records the server address and the server port. SRV can also be used to configure the priority and the weight of the server address.



# 12 CALL CONFIGURATION

## 12.1 - Auto-answer configuration

The device answers all incoming calls if call auto-answer is enabled and receives live stream if live stream is enabled.

To configure this function by the device web interface:

**Account > Advanced > Call > Auto Answer,**

and

**Device > Call Feature > Others.**

**Call** ⓘ

Max Local SIP Port:  ⓘ (1024-65535)

Min Local SIP Port:  ⓘ (1024-65535)

PTime(ms):  ⓘ

**Auto Answer**  ⓘ

Prevent SIP Hacking:  ⓘ

---

**Others** ⓘ

Return Code When Refuse:  ⓘ

**Auto Answer Delay**  ⓘ (0-30Sec)

Answer Mode:  ⓘ

Busy Tone:  ⓘ

Indoor Auto Answer:  ⓘ

Direct IP Call:  ⓘ

Direct IP Call Port:  ⓘ (1-65535)

**Table A33 - MyBell IP Premium Indoor Monitor - Auto-answer configuration**

Setting	Description
<b>Auto Answer</b>	Turn on the <b>Auto Answer</b> function by ticking the square box.
<b>Auto Answer Delay</b>	Set up the delay time (from 0 to 30 seconds) before the call can be answered automatically. For example, if you set the delay time to 1 second, the call is answered in 1 second automatically.
<b>Answer Mode</b>	Set up the video or audio mode for answering the call automatically.
<b>Indoor Auto Answer</b>	Enable it if you want to auto-answer the calls from the indoor monitors only.

## 12.2 - Auto-answer Allow List configuration

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** by the web interface.

To configure a call-auto answer **Allow List** setting by the device web interface:

**Device > Call Feature > Auto Answer AllowList.**

**Auto Answer AllowList** ⓘ

+ Add Import Export

Index	Device Location	SIP/IP	Edit
1	Gate	101	
2	Living	102	
3	Front Door	192.168.3.15	

Delete Delete All Prev 1/1 Next 1 Go

---

**Add Auto Answer AllowList** X

Device Location:  ⓘ

SIP/IP:  ⓘ

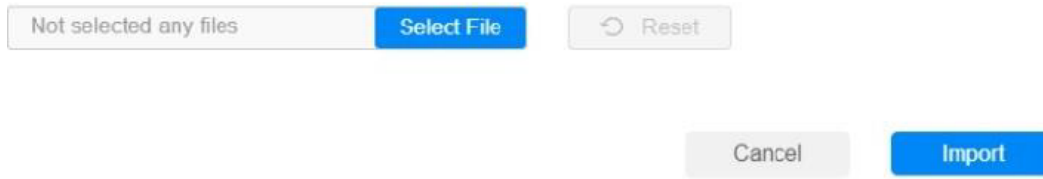
Cancel Submit

SIP/IP numbers can be imported to or exported out of the indoor monitor in batch.

To import to or export out SIP/IP by the device web interface:

**Device > Call Feature > Import/Export.**

Select Answer Allowlist File(xml or csv)



**Note**

- SIP/IP number files to be imported or exported need to be in either **XML** or **CSV** format.
- SIP/IP numbers need to be set up in the phone book of the indoor monitor before they are valid for the auto-answer function.

**12.3 - Live stream configuration**

Receiving live stream on the indoor monitor allows you to see the video image (one-way video stream) from the calling device such as a door phone.

To configure this function by the web interface:

**Device > Call Feature > Audio Call Settings.**



If an audio call is received on the device, you can see the video image of the calling party.

**12.4 - Intercom call configuration (preview, mute)**

To see the image at the door station before answering the incoming call, enable the intercom preview function by the web interface:

**Device > Intercom > Intercom.**

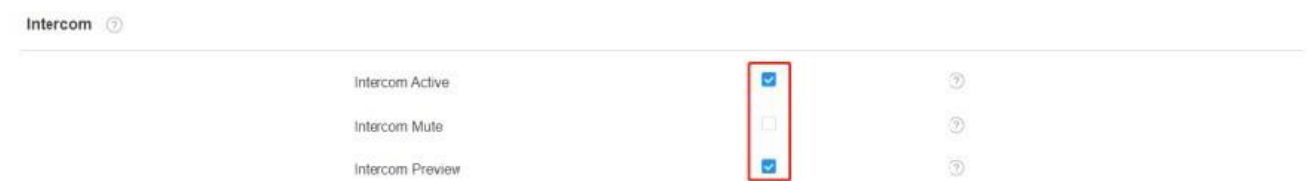


Table A34 - MyBell IP Premium Indoor Monitor - Intercom call configuration	
Setting	Description
<b>Intercom Active</b>	Tick this checkbox to enable or disable the intercom function. It's enabled by default.
<b>Intercom Mute</b>	Tick this checkbox to mute the voice from the caller side and vice versa.
<b>Intercom Preview</b>	Tick this checkbox to enable the incoming call preview function. If intercom preview is enabled, the group call isn't available.

**12.5 - Voice changer**

Voice changer helps ensure users privacy and home security. Users (especially women and children) can protect themselves by changing their voices when talking to a stranger.

To configure the voice changer on device:

**Settings > Call Feature.**

## 12.6 - Emergency call configuration

Emergency call is used to call out three emergency contacts when you are in urgent status. It's especially useful for the elders and children.

To display the Emergency call softkey by the web interface:

**Device > Display Setting > Home Page Display/More Page Display.**

Home Page Display
Example

Area	Type	Value	Label	Icon(max size:50*50)
Area1	Call			Not selected any files <span style="float: right;">Select File Delete</span>
Area2	SOS		SOS	Not selected any files <span style="float: right;">Select File Delete</span>
Area3	DND			
Area4	Monitor			Not selected any files <span style="float: right;">Select File Delete</span>

More Page Display
Example

Area	Type	Value	Label	Icon(max size:50*50)
Area1	Contacts			Not selected any files <span style="float: right;">Select File Delete</span>
Area2	Settings			Not selected any files <span style="float: right;">Select File Delete</span>
Area3	Arming			Not selected any files <span style="float: right;">Select File Delete</span>

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

To configure the Emergency call on the device:

**Settings > Advance Settings > SOS screen.**

**Table A35 - MyBell IP Premium Indoor Monitor - Emergency call configuration**

Setting	Description
<b>Call Number</b>	Set up 3 SOS numbers. Once the users press the <b>SOS key</b> on the home page (SOS display key needs to be set on the web manually), indoor monitors call out the numbers in order.
<b>Call Timeout</b>	Set up the timeout for each number. When one number is called out and the other side doesn't answer within the timeout, the device calls the next number.
<b>Loop Times</b>	Set up the call loop times.
<b>Account</b>	Select the account from which you want to make the SOS calls.

To configure the Emergency call by the web interface:

**Device > Intercom > SOS.**

SOS 

Account	Auto	
Call Number 1		
Call Number 2		
Call Number 3		
Call Timeout( Sec)	60	
Loop Times	3	

### 12.7 - Multicast configuration

The device allows conducting one-to-many broadcasting through the multicast function.

To configure multicast communication by the web interface:

**Device > Multicast > Multicast List.**

Multicast List 

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

Listen List 

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

### 12.8 - Call forwarding configuration

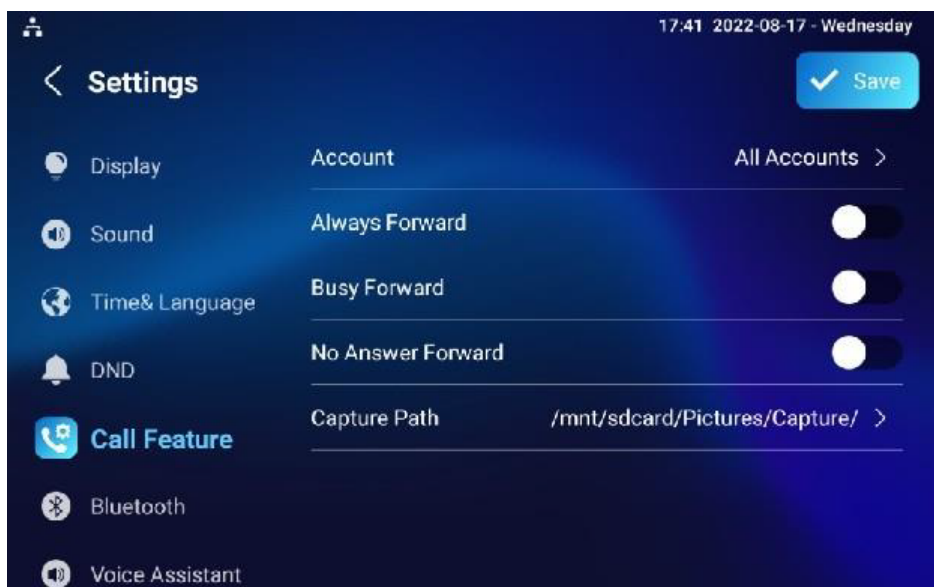
**Call Forward** is a feature used to redirect an incoming call to a specific third party. Users can redirect the incoming call based on different scenarios. Typically, there are three **Call Forward** modes:

- Always Forward.
- No Answer Forward.
- Busy Forward.

### 12.9 - Call forwarding configuration on device

To configure call forwarding on the device:

**Device > Call Feature.**



**Table A36 - MyBell IP Premium Indoor Monitor - Call forwarding configuration on device**

Setting	Description
<b>Account</b>	Choose which account shall implement the call forwarding feature.
<b>Always Forward</b>	If enabled, all incoming calls are automatically forwarded to a specific number.
<b>Busy Forward</b>	If enabled, incoming calls are forwarded to a specific number if the phone is busy.
<b>No Answer Forward</b>	If enabled, incoming calls are forwarded to a specific number if the phone isn't picked up within no answer ring time.
<b>Target Number</b>	Enter the specific forward number if the device enables always forward / busy forward / no answer forward modes.
<b>Capture Path</b>	Select the storage location for all the captured pictures.

**12.10 - Call forwarding configuration by web interface**

To configure call forwarding by the web interface:

**Device > Call Feature > Call Forward.**

Call Forward ?

Always Forward	Disabled	?
Target Number		?
Busy Forward	Disabled	?
Target Number		?
No Answer Forward	Disabled	?
Target Number		?
No Answer Ring Time (Sec)	30	?

**Table A37 - MyBell IP Premium Indoor Monitor - Call forwarding configuration by web interface**

Setting	Description
<b>Always Forward</b>	If enabled, all incoming calls are automatically forwarded to a specific number.
<b>Target Number</b>	Enter the specific forward number if the device enables always forward mode.
<b>Busy Transfer</b>	If enabled, incoming calls are forwarded to a specific number if the phone is busy.
<b>Target Number</b>	Enter the specific forward number if the device enables the busy forward mode.
<b>No Answer Forward</b>	If enabled, incoming calls are forwarded to a specific number if the phone isn't picked up within no answer ring time.
<b>Target Number</b>	Enter the specific forward number if the device enables no answer forward mode.
<b>No Answer Ring Time (sec)</b>	Set the no answer ring time interval from 0-120 seconds before the call is transferred to a designated number.

# 13 INTERCOM MESSAGE CONFIGURATION

## 13.1 - Managing messages

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



Table A38 - MyBell IP Premium Indoor Monitor - Managing messages

Setting	Description
<b>Notification</b>	Messages from property manager. This feature is only available when using SDMC or Yubii Home.
<b>Text MSG</b>	Send, receive or manage the text messages here.
<b>Owner MSG</b>	If enabled, when nobody answers the incoming call within the pre-configured ring time, the visitor hears the owner's audio message.
<b>Visitor MSG</b>	If enabled, when nobody answers the incoming call within the pre-configured ring time, it saves the visitor record.
<b>Family MSG</b>	Record audio messages for your family members.

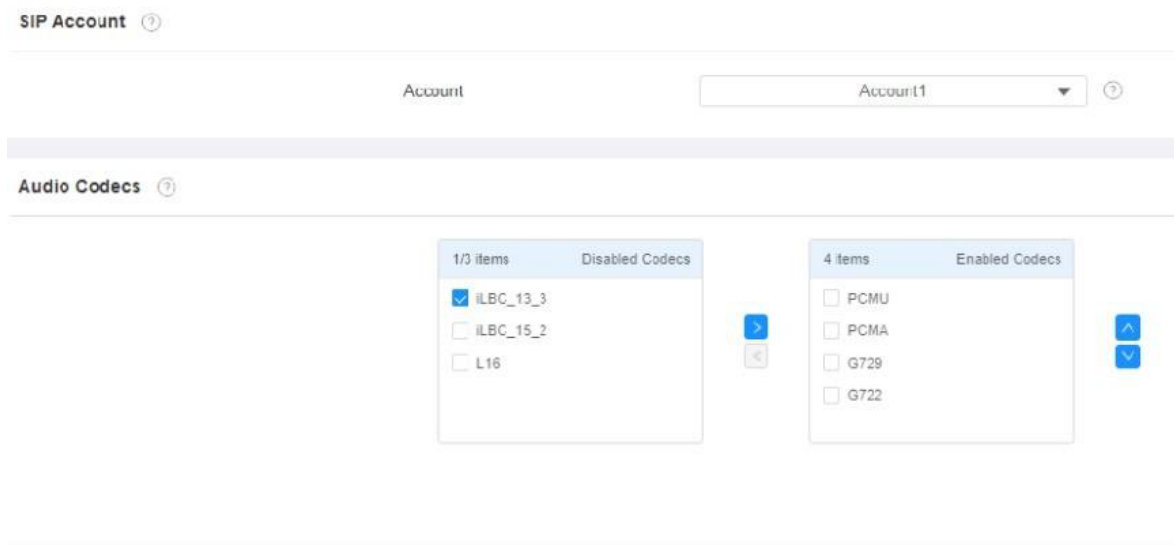
# 14 AUDIO AND VIDEO CODEC CONFIGURATION FOR SIP CALLS

## 14.1 - Audio codec configuration

The indoor monitor supports seven types of Codec (iLBC\_13\_3, iLBC\_15\_2, L16, PCMU, PCMA, G729, and G722) for encoding and decoding the audio data during the call session. Each type of Codec varies in terms of sound quality. You can select the specific codec with different bandwidths and sample rates flexibly, according to the actual network environment.

To configure audio codec by the web interface:

**Account > Advanced > SIP Account.**



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

Codec type	Bandwidth consumption	Sample rate
PCMA	64 kbit/s	8 kHz
PCMU	64 kbit/s	8 kHz
G729	8 kbit/s	8 kHz
G722	64 kbit/s	16 kHz
iLBC_13_3	8.16 kbit/s	13.3 kHz
iLBC_15_2	8.16 kbit/s	15.2 kHz
L16	128 kbit/s	15.2 kHz

## 14.2 - Video codec configuration

The indoor monitor supports the VP8, H263, H264, and H265 codecs that provide better video quality at a much lower bit rate with different video quality and payload.

To configure video codec by the web interface:

**Account > Advanced > Video Codecs.**

Choose an available video codec and set up the codec parameters.





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

Table A40 - MyBell IP Premium Indoor Monitor - Video codec configuration

Setting	Description
<b>Name</b>	Check to select the H264 video codec format for the door phone video stream. The default video codec is H264.
<b>Resolution</b>	Select the codec resolution for the video quality from the following options: <ul style="list-style-type: none"> <li>• QCIF,</li> <li>• CIF,</li> <li>• VGA,</li> <li>• 4CIF,</li> <li>• 720P,</li> </ul> according to your network environment. The default code resolution is 4CIF.
<b>Bitrate</b>	Select the video stream bitrate (ranging from 320 to 2048). The bigger the bit rate, the bigger amount of data is transmitted every second, making the video quality clearer. The default codec bitrate is 2048.
<b>Payload</b>	Select the payload type (ranging from 90 to 118) to set up the audio/video configuration file. The default payload is 104.

## 15.1 - Monitor configuration

To configure the monitor setting by the web interface:

### Device > Monitor.

Enter the IP/SIP number of the door phone in the device number field and fill in the device name. Then set up the RTSP address. The RTSP format of the door phone is `rtsp://deviceIP/live/ch00_0`. Enable or disable display in call. If it's enabled, the video is displayed when there's an incoming call.



### Setting:

- **Monitor Display:** select **MultipleWindow** to display four video monitoring channels on the screen. Select **Single** to display only one video monitoring channel.

### Note

You can import and export the monitored device setting using a template in **XML** format.

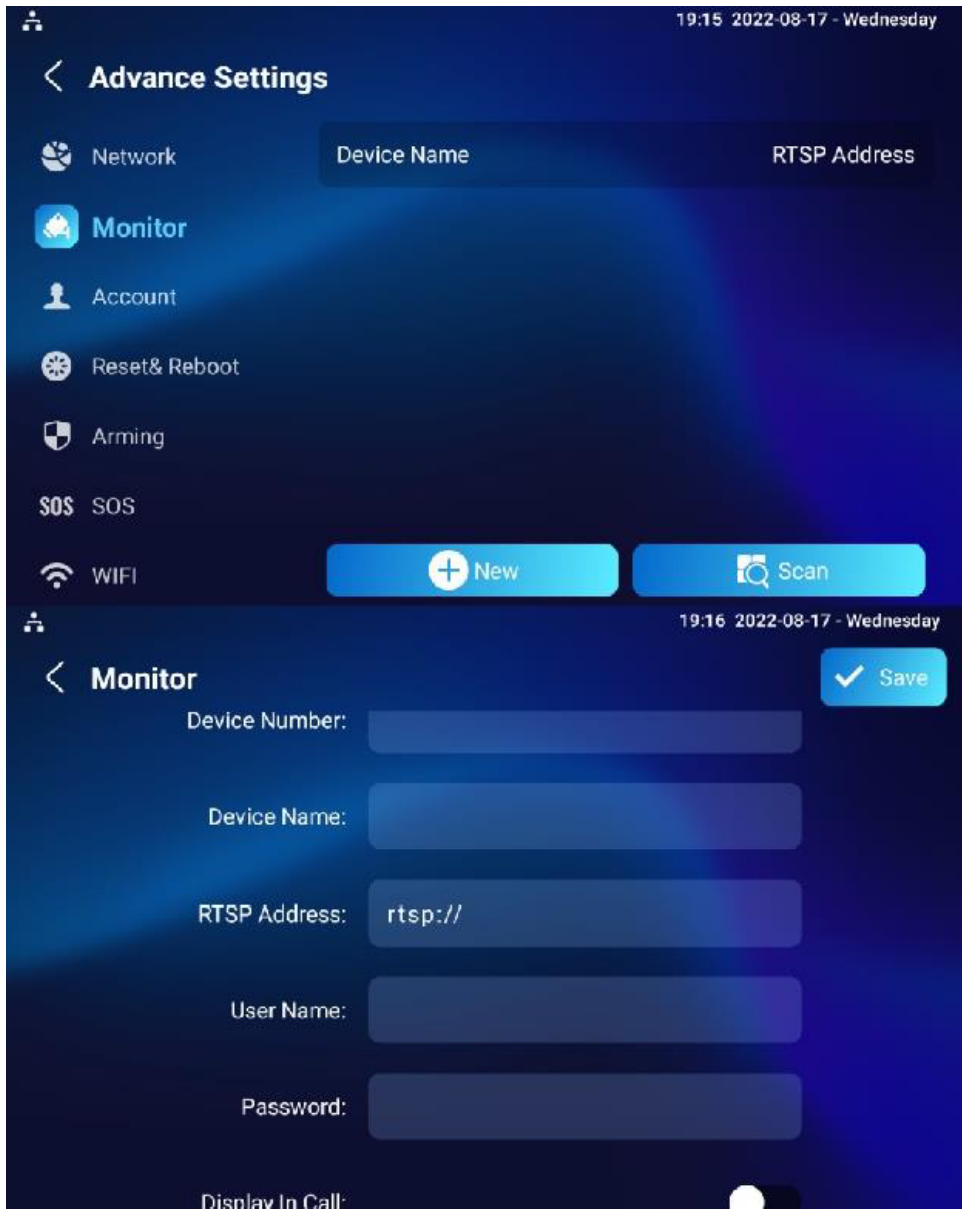


### Add Monitor X

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

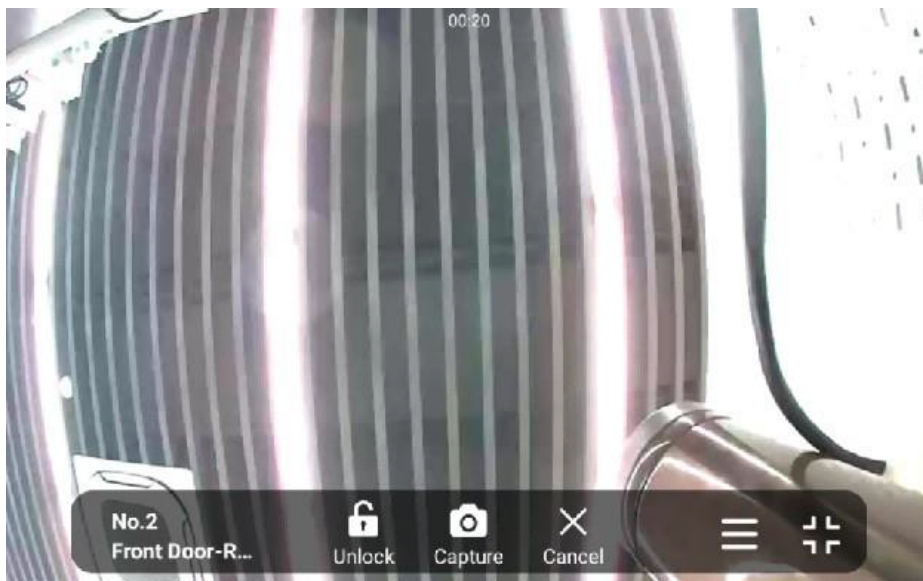
Table A41 - MyBell IP Premium Indoor Monitor - Monitor configuration	
Setting	Description
<b>Device Number</b>	Enter the monitored device number for identification
<b>Device Name</b>	Enter the monitored device name for identification.
<b>RTSP Address</b>	Enter the RTSP address of the monitored device. RSTP format: device IP address/live/ch00_0.
<b>User Name</b>	Enter the username of the monitored device for monitoring authentication.
<b>Password</b>	Enter the password of the monitored device for monitoring authentication.
<b>Display in Call</b>	Enable if you want to display the monitoring video when you are in the call.

You can also configure it on the device:



## 15.2 - Video image capturing

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



### 15.3 - RTSP authentication

You can set the RTSP authentication to enable the indoor monitoring with RTSP audio stream. For example, you can monitor babies in their room using audio, to ensure their safety.

To configure RTSP authentication:

**Setting > Basic > RTSP Setting.**

#### RTSP Setting

RTSP Audio Enable	Disabled	
Authorization Type	Basic	
User Name	admin	
Password	*****	

**Table A42 - MyBell IP Premium Indoor Monitor - RTSP authentication**

Setting	Description
<b>RTSP Audio Enable</b>	Enable it to monitor the device by RTSP audio stream.
<b>Authorization Type</b>	Select the authorization type ( <b>Basic</b> or <b>Digest</b> ). Select <b>None</b> if you allow all types of authorization for the RTSP audio stream.
<b>User Name</b>	Enter the username used for authentication.
<b>Password</b>	Enter the password used for authentication.

### 15.4 - Alarm and arming configuration

The alarm feature is used to connect some alarm detection devices to protect your home safety. The indoor monitors support 8 alarm connectors, which means you can connect 8 different alarm sensors in different rooms of your house. For example, by connecting a smoke sensor in your kitchen when the leaking gas is detected, the indoor monitor rings and sends the alarm message to the target, like community property.

#### 15.4.1 - Alarm and arming configuration on device

To configure the arming and disarm codes on the device:

**Arming > Arming/Disarm Code.**

Change the current password and save it.

11:54 2022-08-19 - Friday

< Arming/Disarm Code Save

Please input current arming/disarm code:

Please input new arming/disarm code:

Please confirm new arming/disarm code:

1 2 3  
4 5 6  
7 8 9  
0

To check the zone status:

**Arming > Zone Status.**

Zone	Location	Zone Type	Trigger	Status
Zone1	Bedroom	Infrared	NC	Disable
Zone2	Bedroom	Infrared	NC	Disable
Zone3	Bedroom	Infrared	NC	Disable
Zone4	Bedroom	Infrared	NC	Disable
Zone5	Bedroom	Infrared	NC	Disable
Zone6	Bedroom	Infrared	NC	Disable
Zone7	Bedroom	Infrared	NC	Disable

### 15.4.2 - Alarm and arming configuration by web interface

To configure a location-based alarm sensor by the device web interface:

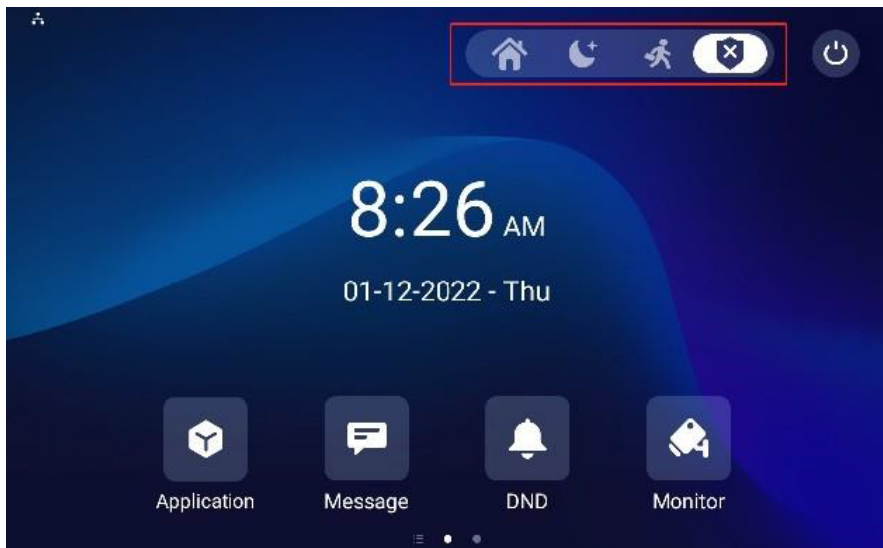
**Arming > Zone Setting > Zone Setting.**

Zone	Location	Zone Type	Trigger Mode	Status
Zone1	Bedroom	Infrared	NC	Enable
Zone2	Bedroom	Drmagnet	NC	Enable
Zone3	Bedroom	Smoke	NC	Disabled

**Table A43 - MyBell IP Premium Indoor Monitor - Alarm and arming configuration**

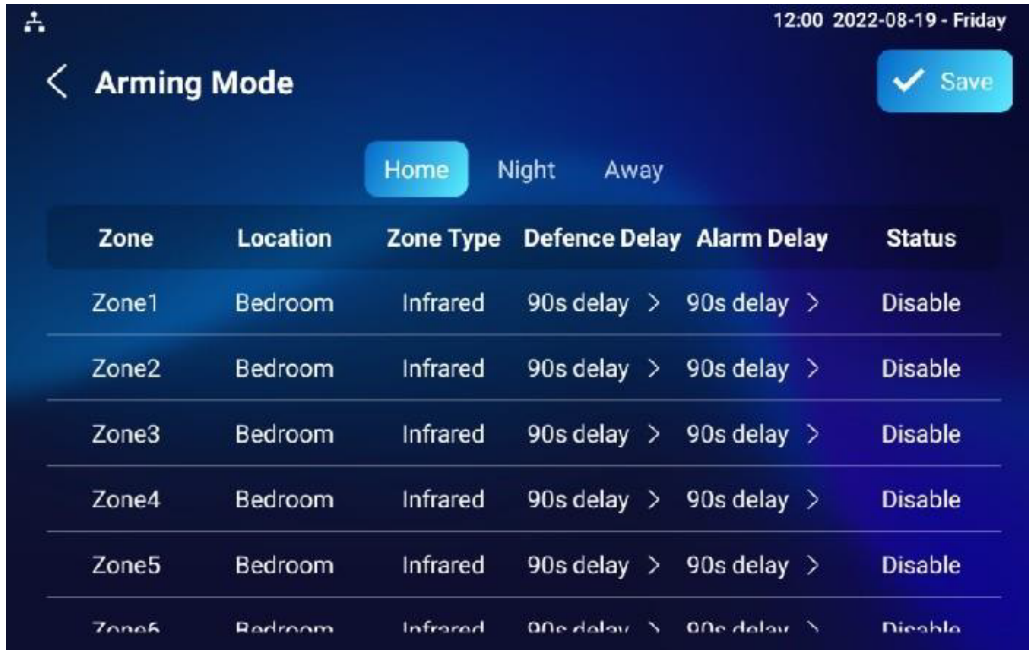
Setting	Description
<b>Location</b>	Set up the location according to where the alarm sensor is installed. You can select from the following location types: <b>Bedroom, Gate, Door, Guest room, Hall, Window, Balcony, Kitchen, Study, and Bathroom.</b>
<b>Zone Type</b>	Set up the alarm sensor types. You can select from the following sensor types: <b>Infrared, Drmagnet, Smoke, Gas, and Urgency.</b>
<b>Trigger Mode</b>	Set sensor trigger mode between <b>NC</b> and <b>NO</b> , as needed.
<b>Status</b>	Set the alarm sensor status to one of the three options: <ul style="list-style-type: none"> <li>• <b>Enable</b> – enable the alarm, you need to set the alarm again after disarming.</li> <li>• <b>Disable</b> – disable the alarm.</li> <li>• <b>24H</b> – keep the alarm sensor enabled for 24 hours without setting it up manually again after disarming.</li> </ul>

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



## 15.5 - Location-based alarm configuration

To configure the alarm sensor, follow the same steps as in configuration by the web interface.



**Table A44 - MyBell IP Premium Indoor Monitor - Location-based alarm configuration**

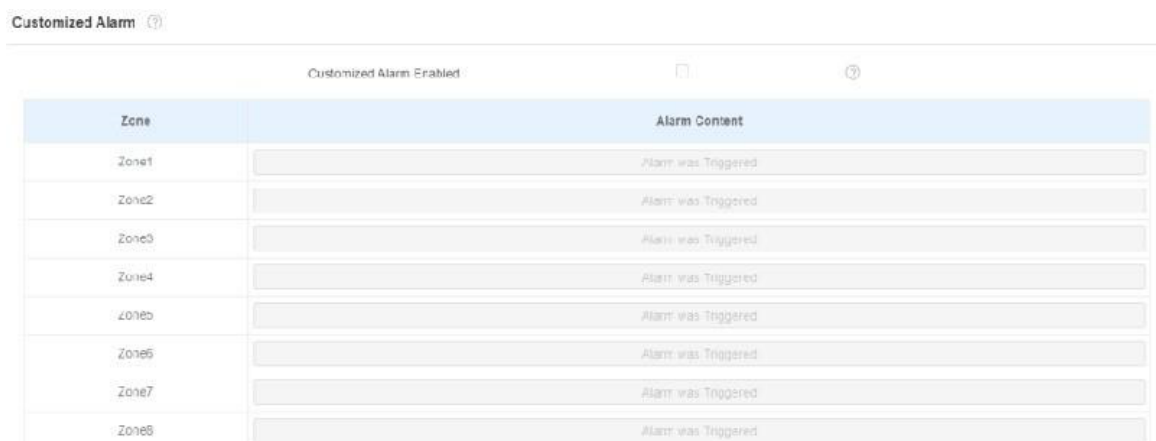
Setting	Description
<b>Location</b>	Select the location of the detection device, including <b>Bedroom, Guest room, Hall, Window, Balcony, Kitchen, Study, and Bathroom.</b>
<b>Zone type</b>	Select the type of detection device, including <b>Infrared, Drmagnet, Smoke, Gas, and Urgency.</b>
<b>Defence delay</b>	When users switch to the arming mode from other modes, there's a 90-second delay before activation.
<b>Alarm delay</b>	When the sensor is triggered, there's a 90-second delay before announcing the notification.
<b>Status</b>	Enable or disable the <b>Arming Mode</b> for the corresponding Zone.

## 15.6 - Alarm text configuration

After the alarm sensor is set up, you can customize the alarm text shown on the screen when the alarm is triggered. Enter the alarm text for the alarm at each location according to your need.

To customize the text by the web interface:

**Arming > Zone Setting > Zone Setting.**

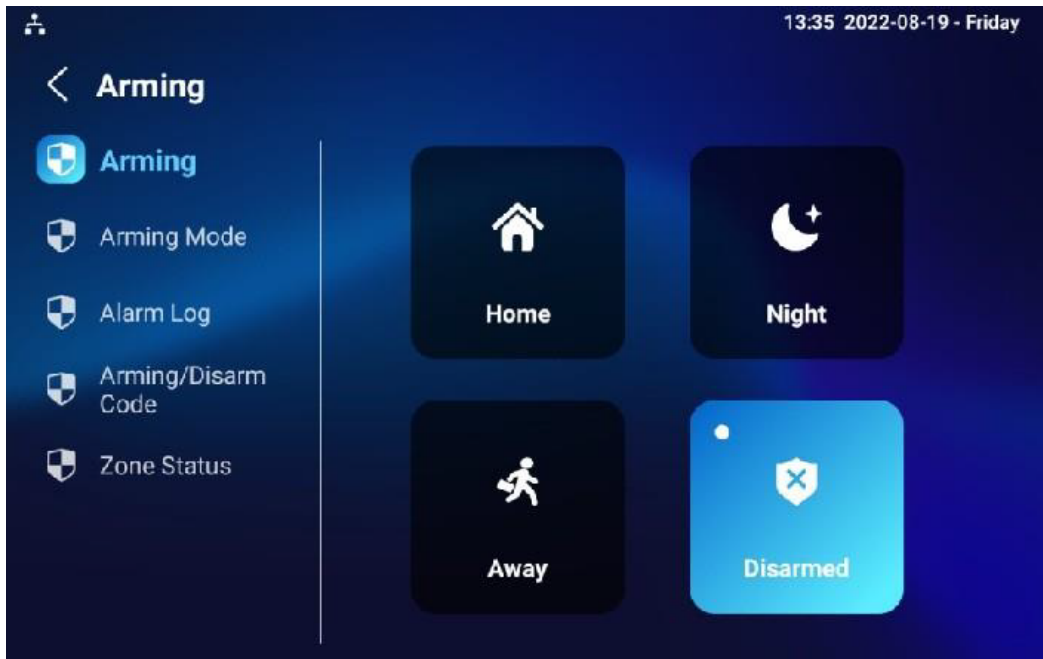


**Table A45 - MyBell IP Premium Indoor Monitor - Alarm text configuration**

Setting	Description
<b>Customized Alarm Enable</b>	Enable this feature before enetering the customized alarm text.
<b>Alarm Context</b>	Enter the alarm text in the specific arming zone. The alarm text is displayed when arming is triggered.

## 15.7 - Arming mode configuration

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



## 15.8 - Alarm ringtone configuration

To upload customized alarm ringtone by choosing the local audio file by web interface:

**Device > Audio > Alarm Ringtone Upload.**



### Note

The file format of customised ringtone should be **WAV**.

## 15.9 - Alarm action configuration

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

### 15.9.1 - Select alarm action types

To select and set up actions by the web interface:

**Arming > Alarm Action > Alarm Action.**

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



**Receiver Of SIP Setting** ?

SIP Account

Zone	SIP Message	Send Sip Message
Zone1	<input type="text"/>	Disabled ▼
Zone2	<input type="text"/>	Disabled ▼
Zone3	<input type="text"/>	Disabled ▼
Zone4	<input type="text"/>	Disabled ▼
Zone5	<input type="text"/>	Disabled ▼
Zone6	<input type="text"/>	Disabled ▼
Zone7	<input type="text"/>	Disabled ▼
Zone8	<input type="text"/>	Disabled ▼

**Call Setting** ?

Call Number

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

### 15.9.2 - Alarm action type configuration through HTTP command

To set up the HTTP Command action 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.

**HTTP Command Setting** ?

Zone	Http Command	Send Http
Zone1	http:// <input type="text"/>	Disabled ▼
Zone2	http:// <input type="text"/>	Disabled ▼
Zone3	http:// <input type="text"/>	Disabled ▼
Zone4	http:// <input type="text"/>	Disabled ▼
Zone5	http:// <input type="text"/>	Disabled ▼
Zone6	http:// <input type="text"/>	Disabled ▼
Zone7	http:// <input type="text"/>	Disabled ▼
Zone8	http:// <input type="text"/>	Disabled ▼

**Table A46 - MyBell IP Premium Indoor Monitor - Alarm action type configuration through HTTP command**

Setting	Description
<b>Send HTTP</b>	Enable it to implement the action on a designated third-party device.
<b>HTTP Command</b>	Enter the HTTP command provided by third-party device manufacturer.

### 15.9.3 - Alarm action configuration through SIP message

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

SIP Account:

Zone	SIP Message	Send Sip Message
Zone1	<input type="text"/>	Disabled ▼
Zone2	<input type="text"/>	Disabled ▼
Zone3	<input type="text"/>	Disabled ▼
Zone4	<input type="text"/>	Disabled ▼
Zone5	<input type="text"/>	Disabled ▼
Zone6	<input type="text"/>	Disabled ▼
Zone7	<input type="text"/>	Disabled ▼
Zone8	<input type="text"/>	Disabled ▼

Table A47 - MyBell IP Premium Indoor Monitor - Alarm action configuration through SIP message

Setting	Description
<b>Call Number</b>	Enter the SIP number or IP number to receive the calls when the alarm is triggered.
<b>Make Call Enable</b>	Enable it so that a call goes to the designated SIP or IP number when the alarm is triggered.
<b>Alarm Siren</b>	Enable it to turn on alarm siren on the indoor monitor when the alarm is triggered.

### 15.10 - Checking alarm log

To check alarm log on device

**Settings > Arming Log.**



### 15.11 - Screen unlock configuration

The device screen is locked over sleep time. You are required to wake up the device through face recognition (Face ID).

To enable screen unlock on device:

**Setting > Display.**



### 15.12 - Screen unlock by PIN code

You can unlock the device screen by entering the pre-configured PIN code when the screen is locked.

#### Note

The default unlock PIN is **123456**.

### 15.13 - Voice encryption

The encryption function provides greater security for the intercom call. The indoor monitor supports three modes of voice encryption: **RTP (Compulsory), SRTP (Optional), ZRTP (Optional)**.

To configure voice encryption by the web interface:

**Account > Advanced > Encryption.**

Encryption ⓘ

Voice Encryption

Disabled ▼ ⓘ

#### Setting:

**Voice Encryption:** select encryption mode from the following four options:

- **Disable** – the call isn't encrypted.
- **RTP (Compulsory)** – all audio signals (RTP streams) are encrypted to improve security.
- **SRTP (Optional)** – voice from the called party is encrypted. If the called party enables SRTP, the voice signals are also encrypted.
- **ZRTP (Optional)** – the protocol that the two parties use to negotiate the SRTP session key.

### 15.14 - Remote control

Remote control function supports the configuration of a specific server to send HTTP commands or requests to the indoor monitor. It enables the monitor to perform some specific actions.

To configure this function by the web interface:

**Device > Relay > Remote Control.**

Remote Control ⓘ

Allowed Access IP List

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

### 15.15 - Location

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

To configure the location:

**Security > Advanced > Service.**

Service

Location

Only Device ▼

**Table A48 - MyBell IP Premium Indoor Monitor - Location**

Setting	Description
<b>Disabled</b>	No app can obtain your device location.
<b>Only Device</b>	The device location can be determined using GPS.
<b>High Accuracy</b>	The device location can be determined using WAN, Bluetooth or cellural networks.

**15.16 - High security mode**

High security mode is designed to enhance the security. For example, it optimizes the password storage method.

Please note that once this mode is enabled, you can't downgrade the device from the version with this mode to an old one without it.

To configure the high security mode by the web interface:

**Security > Basic > High Security Mode.**

**High Security Mode**

Enabled

**Important notes**

- This mode is disabled by default when the device is upgraded to a new version with high security from an older version without the high security mode. However, if the device is reset to its factory settings, this mode is enabled by default.
- Enabling this mode makes the old version tools unusable. To continue using them, you need to upgrade them to the following versions
  - PC Manager: 1.2.0.0
  - IP Scanner: 2.2.0.0
  - Upgrade Tool: 4.1.0.0
  - SDMC: 6.0.0.34
- The supported HTTP format varies depending on whether the high secure mode is enabled or disabled.
  - When the mode is turned on, the device only supports new HTTP formats for door opening.
    - `http://username:password@deviceIP/cgi/OpenDoor?action=OpenDoor&DoorNum=1`
    - `http://deviceIP/cgi/OpenDoor?action=OpenDoor&DoorNum=1`
  - When the mode is off, the device supports the above two new formats as well as the old one:
    - `http://deviceIP/cgi/do?ction=OpenDoor&UserName=username&Password=password&DoorNum=1`
- You can't import or export tgz. format configuration files between a new version device and an old version device without the high security mode.

# 16 DOOR ACCESS CONTROL CONFIGURATION

## 16.1 - Relay switch configuration

### 16.1.1 - Local relay configuration

Local relays in the device can be used to trigger the relay for the door access and trigger a chime bell as needed in different scenarios. To configure a local relay by the device web interface:

**Device > Relay > Relay Setting.**

Relay Setting 

---

**Local Relay1**

Relay Delay (Sec)  

Relay Type  

Remote Control  

DTMF  

**Table A49 - MyBell IP Premium Indoor Monitor - Local relay configuration**

Setting	Description
<b>Relay Delay</b>	Set the relay delay time after the relay is triggered.
<b>Relay Type</b>	Set relay action type choosing one of the following options: <ul style="list-style-type: none"> <li>• <b>Chime bell</b> – when there is a call, the chime bell rings.</li> <li>• <b>Open door</b> – when the unlock icon is pressed, the local relay opens.</li> </ul>
<b>Remote Control</b>	Enable it to trigger local relay by DTMF and vice versa.
<b>DTMF</b>	Set the DTMF to trigger the local relay when <b>Remote control</b> is enabled.

### 16.1.2 - Remote relay switch configuration

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.

To configure a remote relay switch by the device web interface:

**Phone > Relay > Relay Setting > Remote Relay.**

#### Remote Relay

DTMF1 Code  

DTMF2 Code  

DTMF3 Code  

#### Setting:

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

## 16.2 - Web relay configuration

You can also control the door access using the network-based web relay.

To configure a web relay by the device web interface:

**Device > Relay > Web Relay.**

Web Relay 

---

IP Address  

Username  

Password  

#### Web Relay Action Setting

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

**Table A50 - MyBell IP Premium Indoor Monitor - Web relay configuration**

Setting	Description
<b>IP address</b>	Enter the web relay IP address.
<b>Username</b>	Enter the username provided by the web relay manufacturer.
<b>Password</b>	Enter the password provided by the web relay manufacturer. The passwords are authenticated with HTTP and you can define the passwords using <b>HTTP get</b> in Action.
<b>Web Relay Action</b>	Enter the specific web relay action command provided by the web manufacturer for different actions of the web relay.
<b>IP/SIP</b>	Enter the relay extension information, IP address or SIP account of an intercom device, such as an indoor monitor. It enables sending the specific action command when unlock is performed on the intercom device. This setting is optional. Please refer to the example below: http://admin:admin@192.168.1.2/state.xml?relayState=2.

**16.3 - Door unlock configuration**

**16.3.1 - Door unlock by DTMF code**

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

To configure a door unlock by the DTMF code by the device web interface:

**Account > Advanced > DTMF.**

**DTMF** ⓘ

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

**Table A51 - MyBell IP Premium Indoor Monitor - Door unlock by DTMF code configuration**

Setting	Description
<b>Type</b>	Select a DTMF type from the following options: <ul style="list-style-type: none"> <li>• Info.</li> <li>• RFC 2833.</li> <li>• Info+Inband.</li> <li>• Info+RFC 2833.</li> </ul>
<b>DTMF Code Transport Format</b>	Select it only when the third-party device receiving the DTMF code adopts the <b>Info</b> transport format. <b>Info</b> transfers the DTMF code through signaling. Other transport format does it through RTP audio packet transmission. Select the DTMF transferring format according to the third-party device from the following options: <ul style="list-style-type: none"> <li>• Disable.</li> <li>• DTMF.</li> <li>• DTMF-Relay.</li> <li>• Telephone-Event.</li> </ul> For example, select Telephone-Event if the third-party device adopts the telephone-event.
<b>Payload</b>	Select the payload 96-127 for data transmission identification.

**Note**

Please refer to the **Relay switch configuration** chapter for the specific DTMF code setting. Intercom devices involved need to be consistent in the DTMF type, otherwise, the DTMF code can't be applied.

**16.3.2 - Door unlock through HTTP command**

You can unlock the door remotely without approaching the device physically for door access by typing the created HTTP command (URL) in the web browser to trigger the relay when you aren't available by the door.

To configure a door unlock by the HTTP code using the device web interface:

**Intercom > Relay > Open Relay via HTTP.**

Switch  ⓘ

Username  ⓘ

Password  ⓘ

Remote Open Relay Via HTTP AllowList  ⓘ

1st IP

2st IP

3st IP

4st IP

5st IP

**Table A52 - MyBell IP Premium Indoor Monitor - Door unlock through HTTP command**

Setting	Description
<b>Switch</b>	Enable it to allow the relay to be triggered remotely using HTTP command.
<b>Username</b>	Enter the device username to be used as a part of the HTTP command to trigger the local relay. For example, <b>admin</b> .
<b>Password</b>	Enter the device password to be used as part of the HTTP command to trigger the local relay. For example, <b>12345</b> . Please refer to the following example: http://192.168.35.127/fcgi/do?action=OpenDoor&UserName=admin&Password=12345&DoorNum=1
<b>Remote Open Relay Through HTTP Allowlist</b>	Enable it and enter, for example, the IP address of the server that enables sending the HTTP command to the indoor monitor to trigger the local relay.

**Note**

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




## 17 FIRMWARE UPGRADE

To upgrade the device firmware for the indoor monitors by the device web interface:

**Upgrade > Basic.**

**Basic** ?

---

Firmware Version	5.67.30.1.209	?
Hardware Version	1.0	?
Upgrade	 Import	?
Factory Default	 Reset	?
Reset Config	 Reset	?
Reboot	 Reboot	?

### Note

Firmware files should be in **ZIP** format for an upgrade.


## 18 BACKUP

To import or export configuration files to your local PC by the web interface:

**Upgrade > Advanced > Others.**

**Others** ?

---

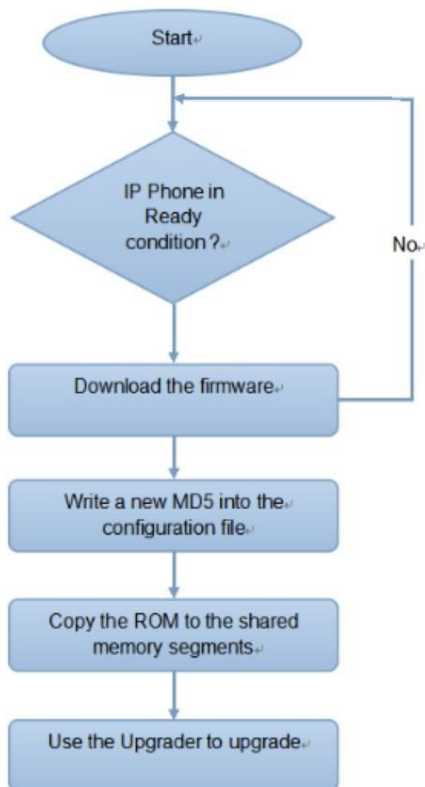
Config File  Import  Export (Encrypted) ?

# 19 AUTO-PROVISIONING THROUGH CONFIGURATION FILE

## 19.1 - Provisioning principle

Auto-provisioning is a feature used to configure or upgrade devices in batch using third-party servers. DHCP, PNP, TFTP, FTP, and HTTPS protocols are used by MyBell intercom devices to access the URL address of the third-party server which stores configuration files and firmware used to update the firmware and the corresponding settings on the device.

See the flow chart below:



## 19.2 - Introduction to configuration files for auto-provisioning

Configuration files have two following formats for auto-provisioning:

- **General configuration provisioning** - a general file is stored in a server from which all the related devices can download the same configuration file to update settings 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 are matched automatically with the device MAC number before being downloaded for provisioning on the specific device.

### Note

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

## 19.3 - Autop

The device provides you with different Autop methods that enable the indoor monitor to perform provisioning for itself in a specific time according to your schedule.

To set up the schedule by the device web interface:

**Upgrade > Advanced > Automatic Autop.**

The screenshot shows the 'Automatic Autop' configuration page. It features several settings:

- Mode:** A dropdown menu set to 'Repeatedly'.
- Schedule:** A dropdown menu set to 'Sunday'.
- Time:** A text input field containing '22' with a '(0-23Hour)' label.
- Minutes:** A text input field containing '0' with a '(0-59Min)' label.
- ExportAutop Template:** A blue button labeled 'Export'.
- Clear MDE:** A blue button labeled 'Clear'.

**Table A53 - MyBell IP Premium Indoor Monitor - Autop configuration**

Setting	Description
<b>Power On</b>	Select <b>Power On</b> if you want the device to perform Autop every time it boots up.
<b>Repeatedly</b>	Select <b>Repeatedly</b> if you want the device to perform autop according to the schedule you set up.
<b>Power On + Repeatedly</b>	Select <b>Power On + Repeatedly</b> if you want to combine <b>Power On</b> mode and <b>Repeatedly</b> mode, which enable the device to perform Autop every time it boots up or according to the schedule you set up.
<b>Hourly Repeat</b>	Select <b>Hourly Repeat</b> if you want the device to perform Autop every hour.

**19.4 - DHCP provisioning configuration**

Auto-provisioning URL can be obtained using DHCP option which enables the device to send a request to a DHCP server for a specific DHCP option code.

To use Custom Option as defined by users with option code (ranging from 128-255), configure DHCP Custom Option by the web interface:

**Upgrade > Advanced > Automatic Autop.**

**Automatic Autop** ?

Mode:  ?

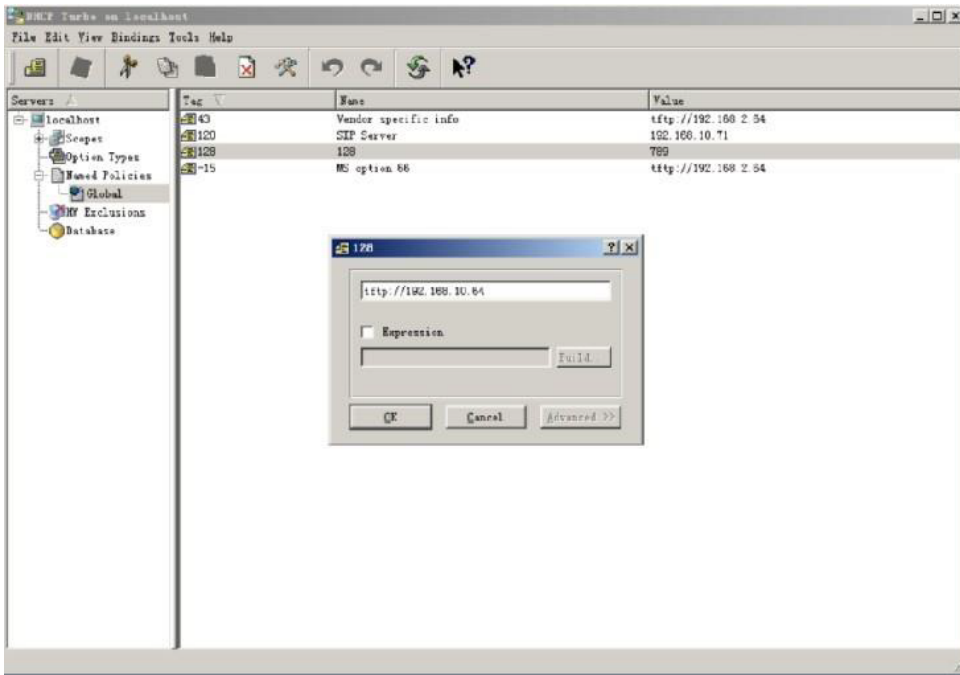
Schedule:  ?

(0-23Hour)

(0-55Min)

Export Autop Template:  ?

Clear MD5:  ?



**Note**

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

**DHCP Option** ?

Custom Option:  (128-254) ?

DHCP Option Enabled:  Custom Option  Option 43  Option 66 ?

**Table A54 - MyBell IP Premium Indoor Monitor - DHCP provisioning configuration**

Setting	Description
<b>Custom Option</b>	Enter the DHCP code matched with corresponding URL so that device finds the configuration file server for the configuration or upgrading.
<b>DHCP Option 66</b>	If none of the above is set, the device automatically uses DHCP Option 66 for getting the upgrade of the server URL. This is done within the software and the user doesn't need to specify this. To make it work, configure the DHCP server for option 66 with the update of the server URL in it.
<b>DHCP Option 43</b>	If the device doesn't get an URL from DHCP Option 66, it automatically uses DHCP Option 43. This is done within the software and the user doesn't need to specify this. To make it work, configure the DHCP server for option 43 with the update of the server URL in it.

**Note**

The general configuration file for the in-batch provisioning is in the **CFG** format. For R29 it is r000000000029.cfg (10 zeros in total). The MAC-based configuration file for the specific device provisioning is in the **MAC\_Address** format of the device.cfg, for example, 0C 110504AE5B.cfg.

**19.5 - Static provisioning configuration**

You can manually set up a specific server URL for downloading the firmware or configuration file. If an autop schedule is set up, the device performs the auto-provisioning at a specific time according to the autop schedule you set up. In addition, TFTP, FTP, HTTP, and HTTPS protocols can be used for upgrading the device firmware and configuration.

To configure static provisioning:

**Upgrade > Advanced > Manual Autop.**

**Table A55 - MyBell IP Premium Indoor Monitor - Static provisioning configuration**

Setting	Description
<b>URL</b>	Set up TFTP, HTTP, HTTPS, and FTP server address for the provisioning.
<b>Username</b>	Set up a username if it is required to access the server, otherwise leave it blank.
<b>Password</b>	Set up a password if it is required to access the server, otherwise leave it blank.
<b>Common AES Key</b>	Set up AES code for the intercom to decipher the general Auto Provisioning configuration file.
<b>AES Key (MAC)</b>	Set up AES code for the intercom to decipher the MAC-based auto provisioning configuration file.

**Note**

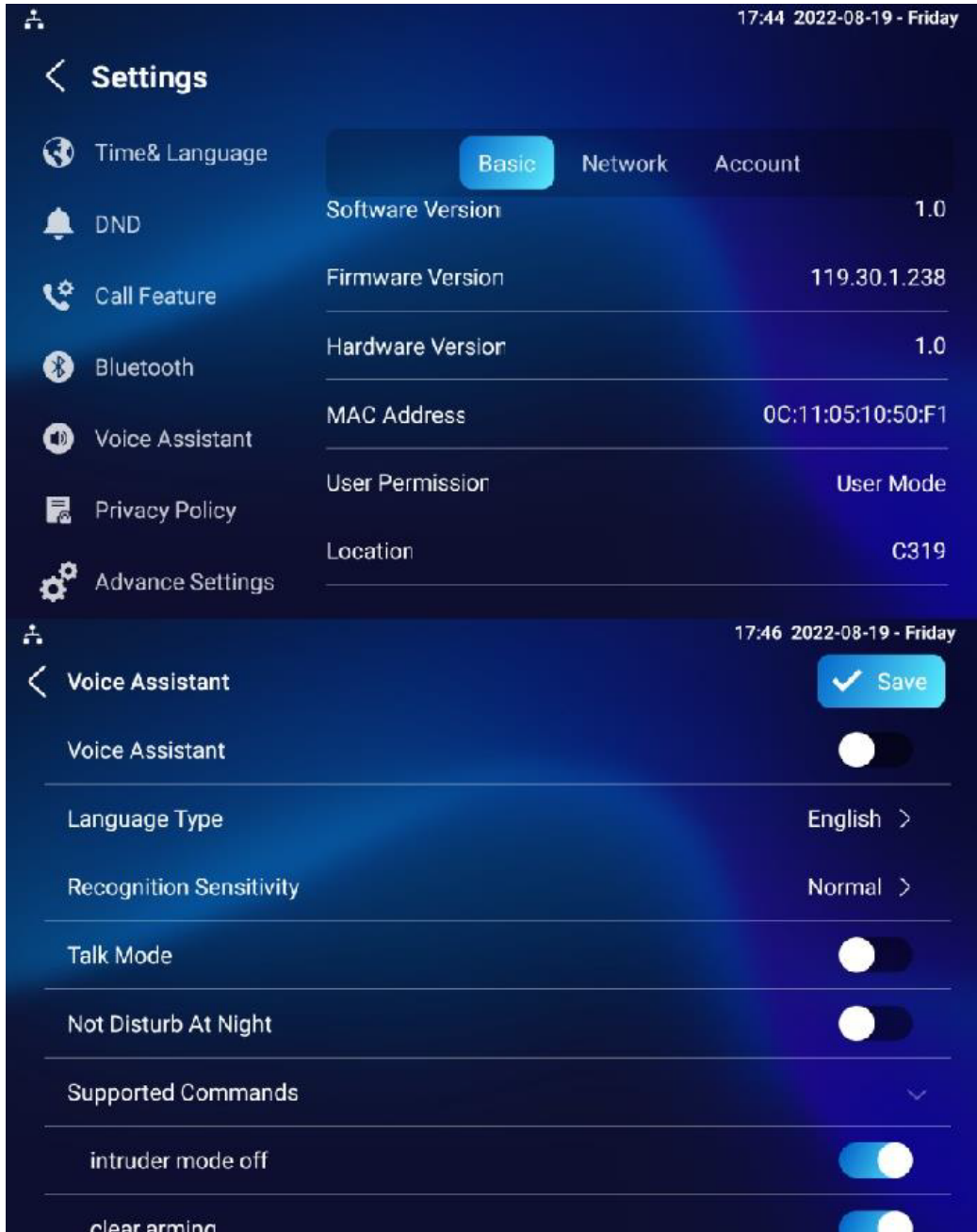
- AES encryption should be configured only when the config file is encrypted with AES, otherwise leave this field blank.
- Server Address Format:
  - TFTP: tftp://192.168.0.19/
  - FTP: ftp://192.168.0.19/ (allows anonymous login)
  - ftp://username:password@192.168.0.19/ (requires a user name and password)
  - 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)
- MyBell does't provide user specified server.
- Please prepare the TFTP/FTP/HTTP/HTTPS servers by yourself.

## 19.6 - Voice assistant

The voice assistant **Albert** can be configured to perform a variety of functions related to intercom calls such as open-door or arming modes on the device. You can also set up the specific relay to be triggered by the voice assistant for the door access control.

To configure the voice assistant on device:

**Settings > Voice Assistant.**



**Table A56 - MyBell IP Premium Indoor Monitor - Voice assistant configuration**

Setting	Description
<b>Language Type</b>	Select the language.
<b>Recognition Sensitivity</b>	Adjust the voice assistance recognition sensitivity, choose from the following options: <ul style="list-style-type: none"> <li>• Low.</li> <li>• Normal.</li> <li>• High.</li> </ul>
<b>Talk Mode</b>	Move the toggle switch to the right if you want to enable this mode. When the talk mode is enabled, the voice assistant stays on to receive your voice commands for 30 seconds, you don't need to call Albert again to wake up the voice assistant. If you disable it, the voice assistant wakes up again for each voice command.
<b>Not Disturb At Night</b>	Move the toggle switch to the left to enable this function. It is used when you want the voice assistant to stay silent while carrying out your voice commands.
<b>Supported Command</b>	Enable or disable the voice commands.

**Table A57 - MyBell IP Premium Indoor Monitor - Voice commands**

No.	Voice Command	Description	Voice Prompt
1.	Intruder mode off	Use it to clear the arming mode when the arming alarm is triggered. (You are required to enter the disarm password in the pop-out window initiated by the voice assistant.)	<ul style="list-style-type: none"> <li>• Please input password.</li> </ul>
2.	Clear arming	Use it to clear the arming mode when the arming alarm is triggered. (You are required to enter the disarm password in the pop-out window initiated by the voice assistant.)	<ul style="list-style-type: none"> <li>• Please input password.</li> </ul>
3.	Night mode	Use it to change the arming mode to night mode.	<ul style="list-style-type: none"> <li>• Started it, sweet dreams!</li> <li>• Made it, good night.</li> <li>• Sure, sleep mode is on.</li> <li>• OK, start sleep mode, have a good night.</li> <li>• Alright, sleep mode is opened, have a nice dream.</li> </ul>
4.	Sleep mode	Use it to change the arming mode to sleep mode.	<ul style="list-style-type: none"> <li>• Sure, sleep mode is on.</li> <li>• OK, start sleep mode, have a good night.</li> <li>• Alright, sleep mode is opened, have a nice dream.</li> <li>• Made it, good night.</li> <li>• Started it, sweet dreams!</li> </ul>
5.	Away mode	Use it to change the arming mode to away mode.	<ul style="list-style-type: none"> <li>• Sure, away mode is on.</li> <li>• OK, start away mode.</li> <li>• Alright, away mode is opened.</li> <li>• Made it, have a good day.</li> <li>• Done, away mode is started.</li> </ul>
6.	Home mode	Use it to change the arming mode to home mode.	<ul style="list-style-type: none"> <li>• Sure, home mode is on.</li> <li>• OK, start home mode.</li> <li>• Alright, home mode is opened.</li> <li>• Made it.</li> <li>• Done, home mode is started.</li> </ul>
7.	Open door	Use it to open the door.	<ul style="list-style-type: none"> <li>• Sure, the door is open.</li> <li>• The door is open for you.</li> <li>• No problem, open the door.</li> <li>• Opened, always here for you.</li> <li>• Yep, door is opened now.</li> </ul>
8.	Open the door	Use it to open the door.	<ul style="list-style-type: none"> <li>• Sure, the door is open.</li> <li>• The door is open for you.</li> <li>• No problem, open the door.</li> <li>• Opened, always here for you.</li> <li>• Yep, door is opened now.</li> </ul>
9.	Disable DND	Use it to disable the DND mode.	<ul style="list-style-type: none"> <li>• Yes, closed it for you.</li> <li>• Welcome back, DND is off.</li> <li>• DND is closed, to mingle with the world.</li> <li>• Sure, DND is off.</li> </ul>
10.	Enable DND	Use it to enable the DND mode.	<ul style="list-style-type: none"> <li>• OK, DND is on.</li> <li>• Done, enjoy yourself.</li> <li>• DND is on, feel your inner peace.</li> <li>• Turn on it now.</li> </ul>
11.	Emergency	Use it to dial SOS number.	<ul style="list-style-type: none"> <li>• Got it, calling SOS as soon as possible.</li> <li>• Okay, be relaxed, making an emergency call now.</li> <li>• Calling ambulance now.</li> <li>• Calling SOS now, please hold on.</li> <li>• God bless you, calling emergency now.</li> <li>• Hold on please, calling emergency right now.</li> <li>• Take it easy, calling emergency right now.</li> </ul>

**Table A57 - MyBell IP Premium Indoor Monitor - Voice commands**

No.	Voice Command	Description	Voice Prompt
12.	Help me	Use it to dial SOS number.	<ul style="list-style-type: none"> <li>• Got it, calling SOS as soon as possible.</li> <li>• Okay, be relaxed, making an emergency call now.</li> <li>• Calling ambulance now.</li> <li>• Calling SOS now, please hold on.</li> <li>• God bless you, calling emergency now.</li> <li>• Hold on please, calling emergency right now.</li> <li>• Take it easy, calling emergency right now.</li> </ul>
13.	Call manager	Use it to call <b>manager</b> you name set up in the phonebook.	<ul style="list-style-type: none"> <li>• Please choose one for calling.</li> <li>• Sorry I didn't get that.</li> </ul>
14.	Call staff	Use it to call <b>staff</b> you named and set up in the phonebook.	<ul style="list-style-type: none"> <li>• Please choose one for calling.</li> <li>• Sorry I didn't get that.</li> </ul>
15.	Call carer	Use it to call <b>carer</b> you named and set up in the phonebook.	<ul style="list-style-type: none"> <li>• Please choose one for calling.</li> <li>• Sorry I didn't get that.</li> </ul>
16.	Open message	Use it to check text messages.	<ul style="list-style-type: none"> <li>• Got it, please check.</li> <li>• OK, message is opened, you can write some content to send.</li> <li>• Message is ready for you.</li> <li>• Already opened it for you.</li> </ul>
17.	Open monitor	Use it to check monitor.	<ul style="list-style-type: none"> <li>• Got it, please check.</li> </ul>
18.	Homepage	Use it to go to the home screen.	<ul style="list-style-type: none"> <li>• Home page is already for you.</li> <li>• Already got it for you.</li> </ul>
19.	Enable mute	Use it to mute your voice on the indoor monitor so that the caller or callee can't hear you.	<ul style="list-style-type: none"> <li>• OK, mute is on.</li> <li>• Done, enjoy yourself.</li> <li>• Mute is on, feel your inner peace.</li> <li>• Set it now.</li> </ul>
20.	Disable mute	Use it to unmute your voice on the indoor monitor so that the caller or callee can hear you.	<ul style="list-style-type: none"> <li>• Sure, mute is off.</li> <li>• Mute is closed, to mingle with the world.</li> <li>• Welcome back, mute is off.</li> <li>• Yes, closed it for you.</li> </ul>
21.	Shut down/cancel	Use it to turn off the voice assistant function.	<ul style="list-style-type: none"> <li>• See you.</li> <li>• See you later.</li> <li>• Bye.</li> <li>• Good bye.</li> <li>• See you next time.</li> <li>• Bye, best regards.</li> <li>• See you, have a great time.</li> </ul>
22.	Answer Call Permission	Enable it to answer or reject the incoming call through voice assistant by replying <b>Yes</b> or <b>No</b> .	<ul style="list-style-type: none"> <li>• The call is coming, do you want to accept it? Yes or No?</li> <li>• OK, here for you.</li> <li>• Sure, hung up now.</li> </ul>
23.	Call Fuzzy Match	Enable it to allow the fuzzy match of the manager calls. For example, if you have multiple manager call contacts: manager1, and manager2, you are required to select the specific manager call contact when using <b>Call manager</b> voice command.	

To enable the voice assistant and set the voice assistant-controlled relay by the web interface:

**Settings > Voice Assistant > Voice Assistant Setting.**

Tick the checkbox to enable the voice assistant function. Then go to **Voice Command Setting** to select a specific relay to be triggered using voice assistant.



**Setting:**

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



## 19.7 - Call log

If you want to check the dial-out calls, received calls, and missed calls in a certain period, you can search the call log by the device web interface and export the call log from the device if needed.

To check call logs by the device web interface:

### Contacts > Call Log.

**Call Logs** ⓘ

Capture Delay (Sec)  ⓘ

Upper Limit  ⓘ

Call History  Export Hang Up ⓘ

<input type="checkbox"/>	Index	Type	Date	Time	Local Identity	Name	Number
<input type="checkbox"/>	1	Missed	29-12-2020	7:19:33 AM	192.168.0.32@192.168.0.32	manager	<a href="#">192.168.0.31@192.168.0.31</a>
<input type="checkbox"/>	2	Received	29-12-2020	1:55:27 AM	192.168.0.32@192.168.0.32	192.168.13.142	<a href="#">192.168.13.142@192.168.13.142</a>
<input type="checkbox"/>	3	Dialed	29-12-2020	1:42:22 AM	192.168.0.32@192.168.0.32	192.168.13.157	<a href="#">192.168.13.157@192.168.13.157</a>

Delete Delete All Prev 1/1 Next 1 Go

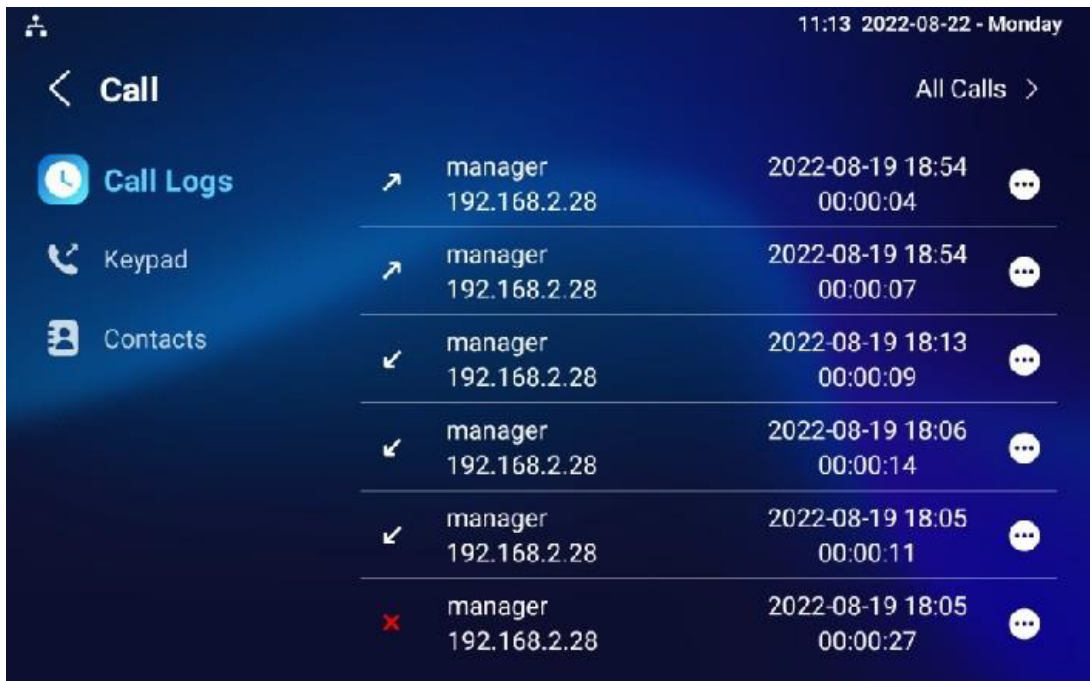
Cancel Submit

**Table A58 - MyBell IP Premium Indoor Monitor - Call log**

Setting	Description
<b>Capture Delay</b>	Set the image capturing starting time when the device goes into video preview.
<b>Upper Limit</b>	Set the maximum screenshot storage capacity, when the capacity is reached the previous screenshots are overwritten.
<b>Call History</b>	Select call history (All, Dialed, Received, Missed, Forwarded).
<b>Local Identity</b>	Display the door phone SIP account or IP number that receives incoming calls.
<b>Name/Number</b>	Select the Name and Number options to search call log by the name or by the SIP or IP number.

To check call log on the device:

### Call > Call Logs.



## 20.1 - System log for debugging

### 20.1.1 - Capturing system log for debugging

System logs can be used for debugging purposes.

To export the system logs out to a local PC or to a remote server for debugging by the device web interface:

**Upgrade > Diagnosis > System Log.**

**Table A59 - MyBell IP Premium Indoor Monitor - Debug**

Setting	Description
<b>LogLevel</b>	Select log level from 1 to 7. The technical staff instructs about the specific log level to be entered for debugging purpose. The default log level is <b>3</b> . The higher the level, the more complete the log.
<b>Export Log</b>	Click the <b>Export tab</b> to export the temporary debug log file to a local PC.
<b>Export Debug Log</b>	Click the <b>Export tab</b> to export the debug log file to a local PC.
<b>Remote System Log</b>	Select <b>Enable</b> or <b>Disable</b> if you want to enable or disable the remote system log.
<b>Remote System Server</b>	Enter the remote server address to receive the system log, the remote server address is provided by the technical support.

## 20.2 - PCAP for debugging

PCAP is used to capture the data package going in and out of the devices for debugging and troubleshooting purposes. PCAP needs to be set up before using it.

To set up PCAP by the device web interface:

**Upgrade > Diagnosis > PCAP.**

**Table A60 - MyBell IP Premium Indoor Monitor - PCAP configuration**

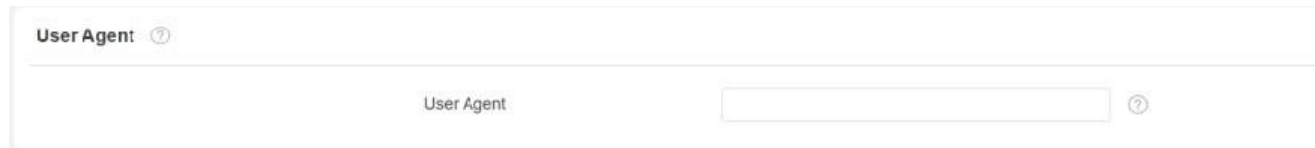
Setting	Description
<b>Specific Port</b>	Select the specific ports from 1-65535 so that only the data packet from the specific port can be captured. You can leave the field blank by default.
<b>PCAP</b>	Click the <b>Start</b> tab and <b>Stop</b> tab to capture a certain range of data packets before clicking <b>Export</b> tab to export the data packets to your Local PC.
<b>PCAP Auto Refresh</b>	If set to <b>Enable</b> , PCAP continues to capture data packets even after the data packets reach their 50 MB maximum in capacity. If set to <b>Disable</b> , PCAP stops data packet capturing when the data packet captured reaches the maximum capturing capacity of 1 MB.

### 20.3 - User agent

User agent is used for the identification purpose during the analysis on the SIP data packet.

To configure the user agent by the web interface:

**Account > Advanced.**



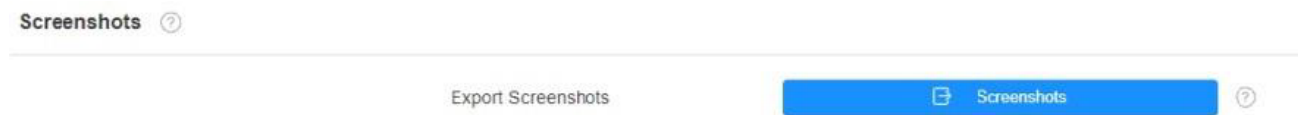
The screenshot shows a web interface section titled "User Agent" with a help icon. Below the title is a text input field labeled "User Agent" and a help icon.

### 20.4 - Screenshots

You can take screenshots of specific device screens to help with the troubleshooting.

To take screenshots:

**Upgrade > Diagnosis > Screenshots**, then click **Screenshots**.



The screenshot shows a web interface section titled "Screenshots" with a help icon. Below the title are two buttons: "Export Screenshots" and "Screenshots" (highlighted in blue) with a help icon.

## 21 DEVICE INTEGRATION WITH THIRD PARTY

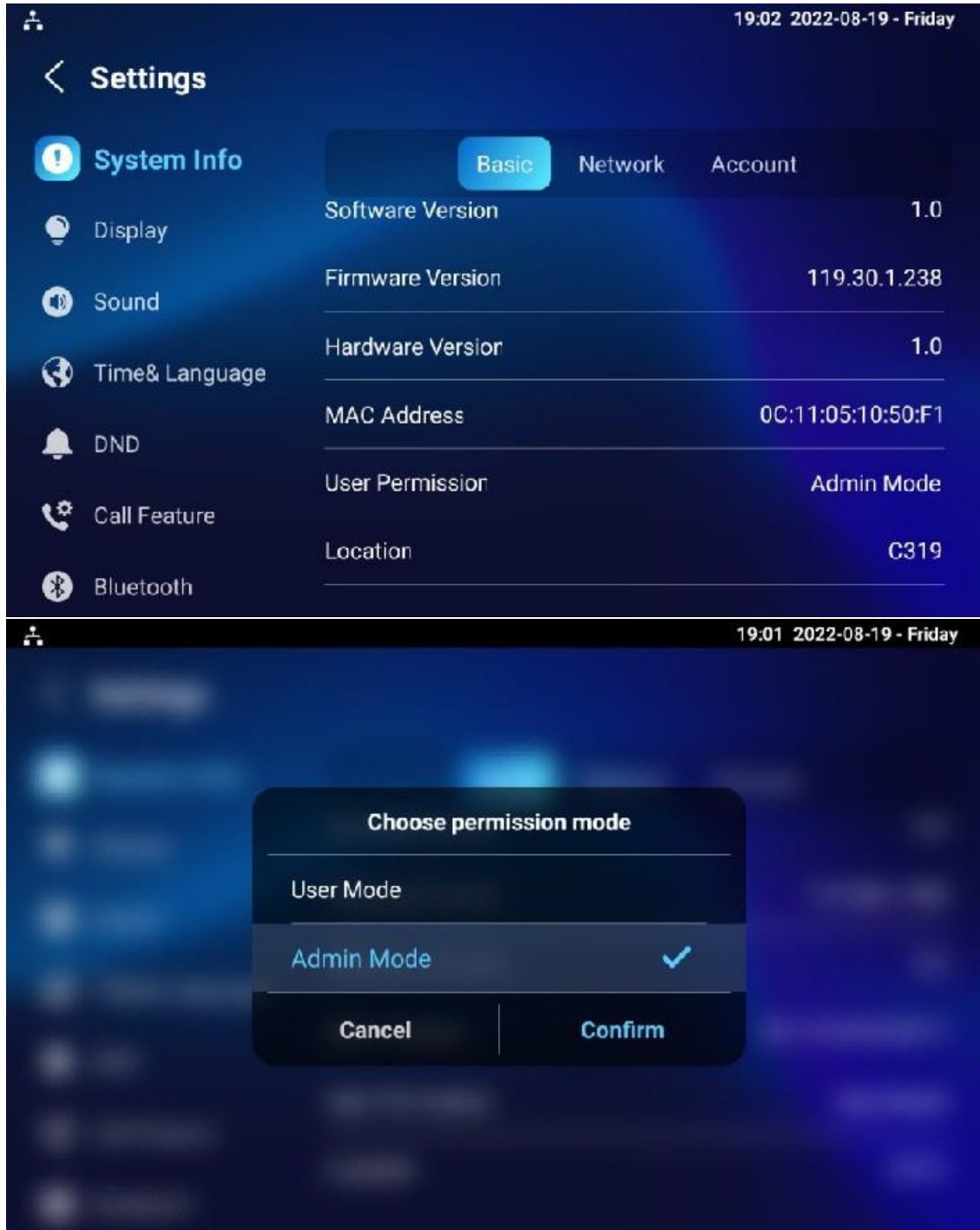
### 21.1 - Entering applications screen

You can enter the APK interface through hidden operations.

To configure this function on device:

**Settings > System Info.**

Press **User Mode** 10 times > **Admin Mode** > **Confirm.**

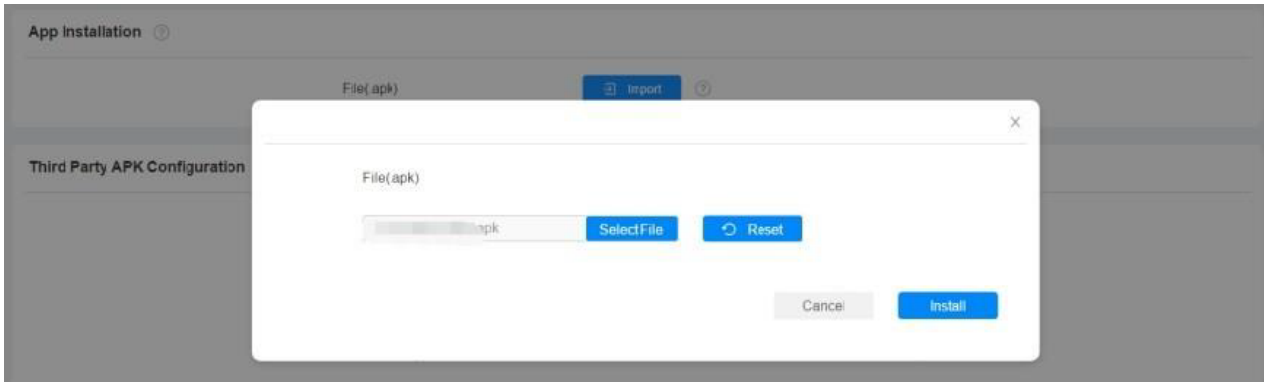


## 21.2 - Third-party app installation

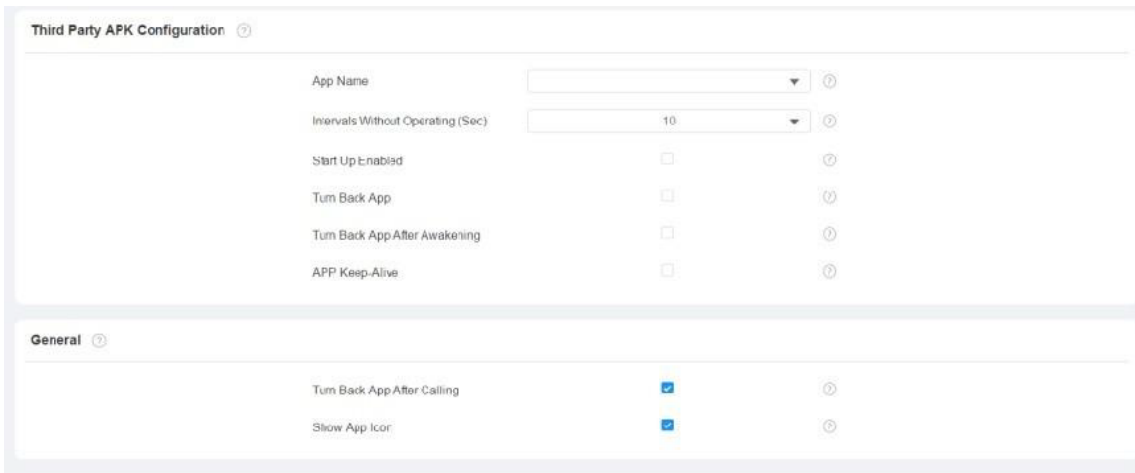
To install the third-party App to your device by the device web interface:

### Device > Third Party APK.

Choose a suitable **APK** file from PC to upload. To clear the **APK** file uploaded, click **Reset**.



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



**Table A61 - MyBell IP Premium Indoor Monitor - Third-party app configuration**

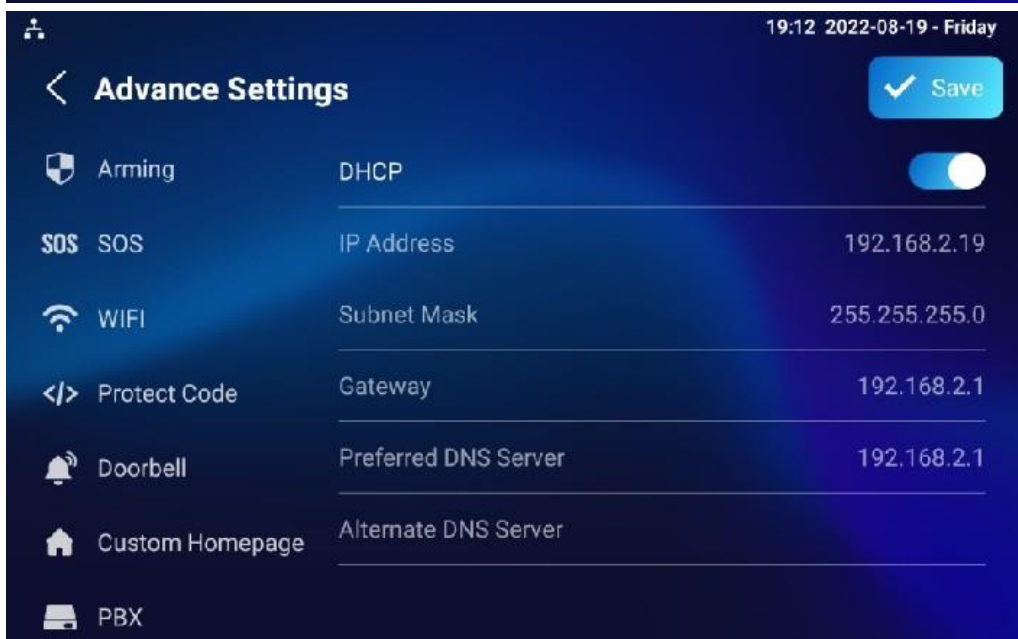
Setting	Description
<b>App Name</b>	Select the <b>App Name</b> to be configured.
<b>Interval Without Operating (sec)</b>	Tick this checkbox to set the app returning time-interval when there is no operation on the device.
<b>Start Up Enable</b>	Tick this checkbox to set the app to run automatically when the device is turned on.
<b>Turn Back App After Awakening</b>	Tick this checkbox to set the device to return to the app when the screen is awake.
<b>APP Keep-Alive</b>	Tick this checkbox to set the app to stay on.
<b>Turn Back App After Calling</b>	Tick this checkbox to set the app to return automatically after finishing a call (this feature applies to all apps).
<b>Show App Icon</b>	Tick this checkbox to set the app icon to be displayed on the screen.

## 21.3 - PBX feature

The Android indoor monitor has a built-in PBX server which allows the indoor monitor to serve as an intercom monitor and a SIP PBX. Users don't need to prepare extra SIP PBX. The PBX supports the features such as call, forward, transfer, conference and ring group. You can configure it on the device or by the web interface.

To configure it on the device:

Go to **Advanced Settings**.



### 21.3.1 - PBX configuration on device

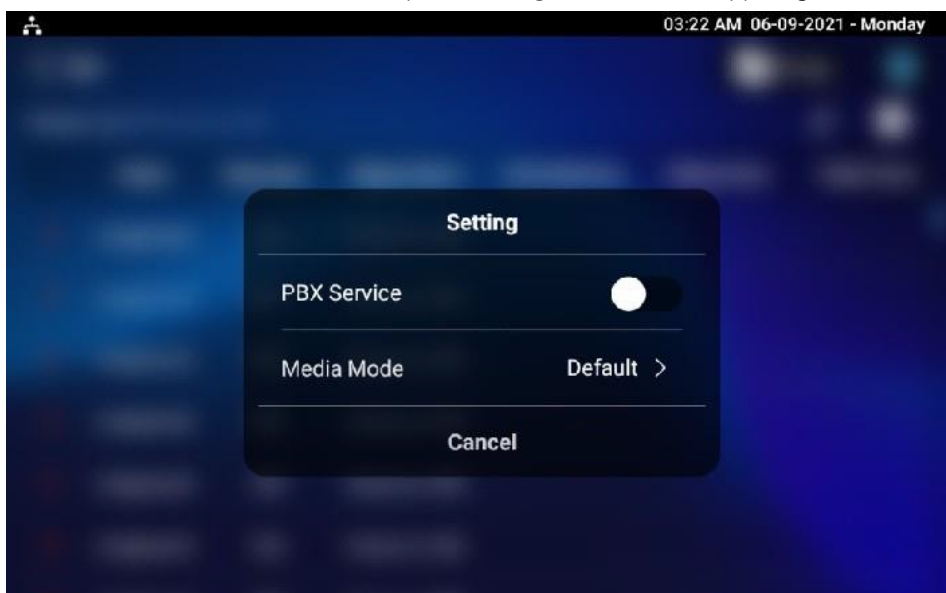
To check and manage SIP accounts, enable the PBX feature on the device.

To enable this feature:

**Advance Settings > PBX.**

### 21.3.2 - Enabling PBX service

To enable PBX, in the PBX interface, tap the **Settings** icon  in the upper right corner.



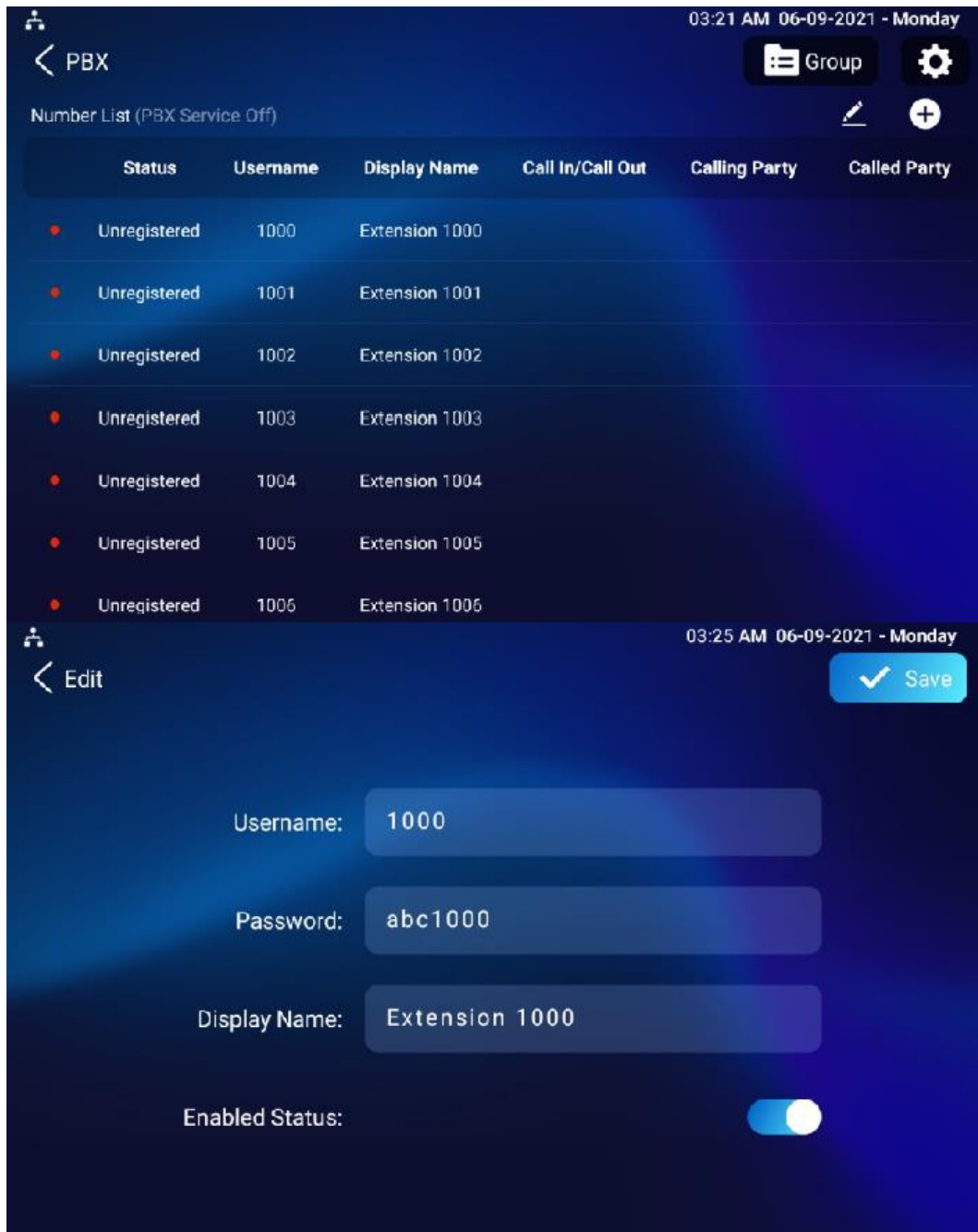
**Setting:**

• **Media mode:**

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

**21.3.3 - PBX accounts management**

You can check the basic PBX information such as PBX server, port and accounts status.



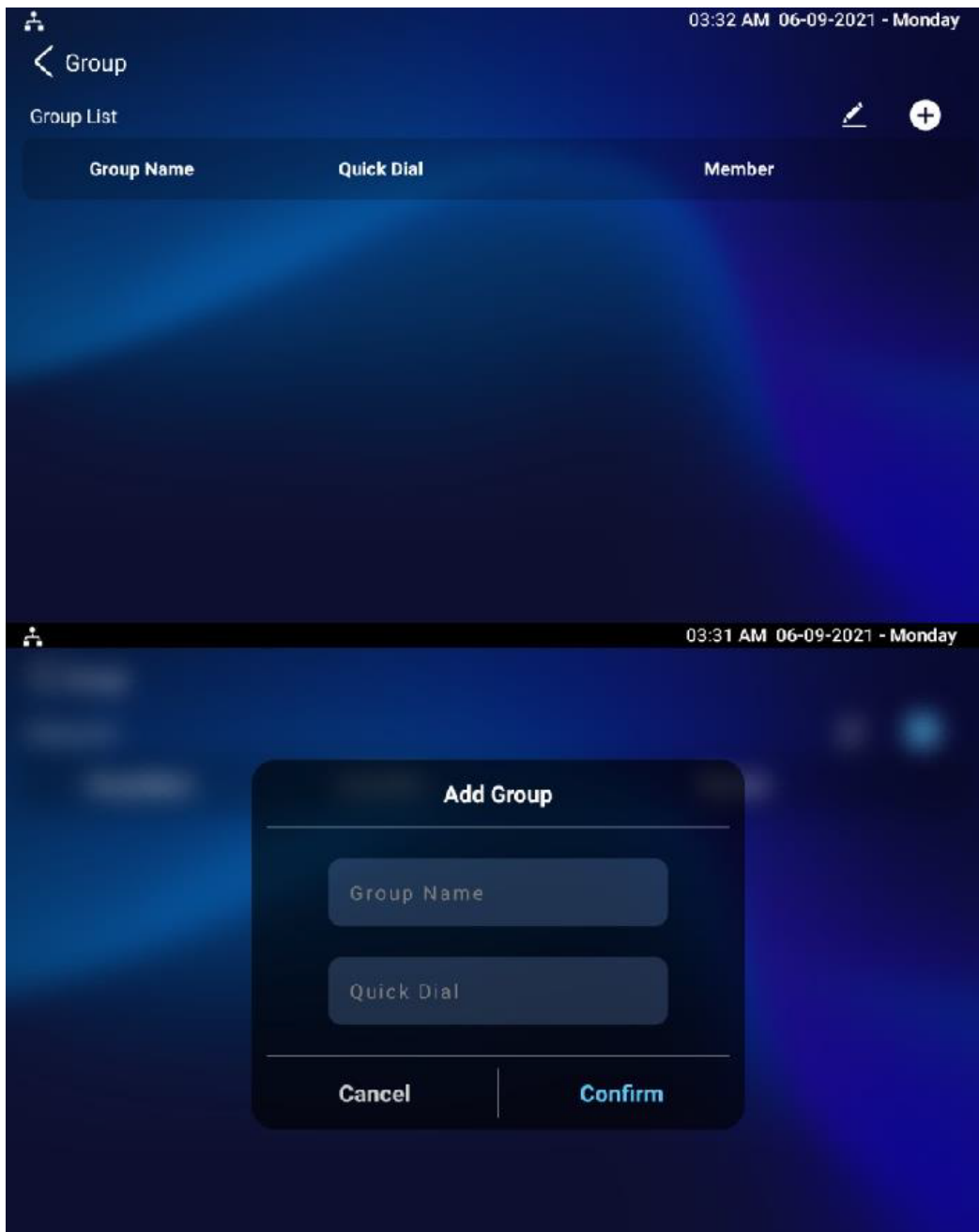
**Table A62 - MyBell IP Premium Indoor Monitor - PBX accounts management**

Setting	Description
Status	Show whether the account is registered or not.
Username	Enter the extension number registered onto SIP server.
Display Name	Enter the display name of this account, it's shown on other devices when making calls.
Password	Enter the password of the corresponding users.
Enabled Status	Activate SIP account.
Call IN/Call Out	Shows the calling status of this account.
Calling Party	Shows the calling party number.
Caller Party	Shows the caller party number.



### 21.3.4 - PBX groups management

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



#### Setting:

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

### 21.3.5 - PBX configuration by web interface

To do the same configuration by the web interface:

**PBX > Basic,**

and

**PBX > Ring Group.**

PBX Basic ?

PBX Service Enabled  ?

PBX Status:  ?

Media Model:  ?

PBX Port:  ?

+ Add

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

1/10

FBX » Ring Group

Group Setting ?

+ Add

Index	Group Name	Quick Dial	Member	Edit
 No Data				

1/1

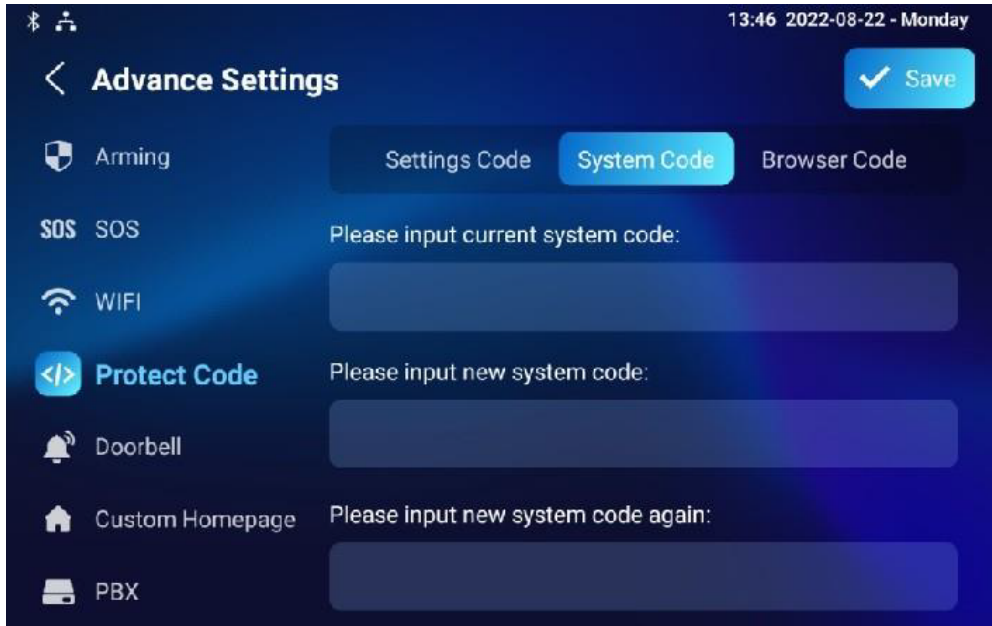
## 22 PASSWORD MODIFICATION

### 22.1 - Device basic setting password modification

To modify the basic setting password on device:

**Settings > Advanced Settings > Protected Code.**

Choose **System Code** to change a new password. The default password is **123456**.



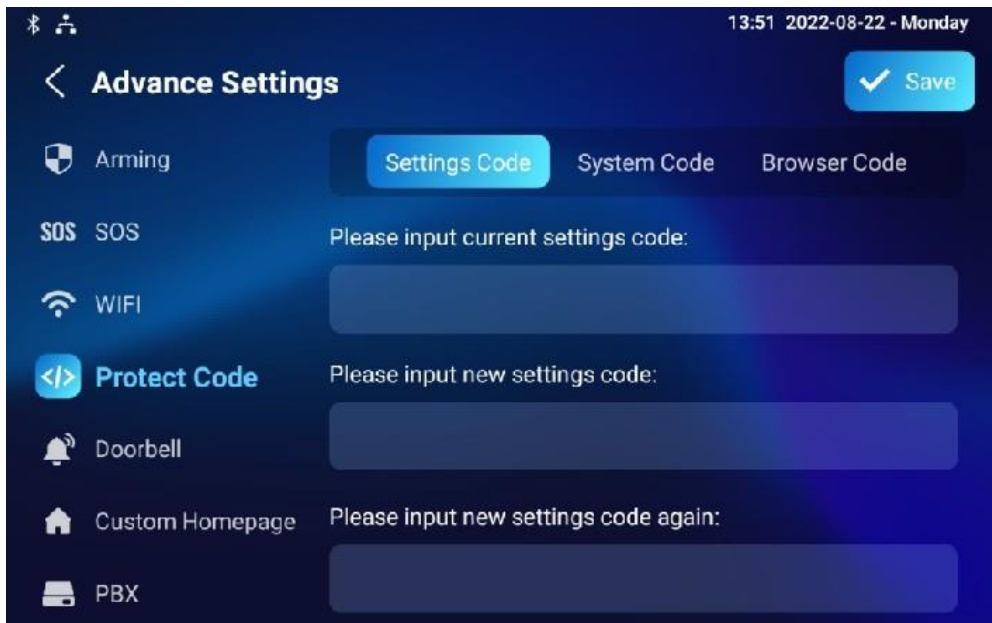
### 22.2 - Device advanced setting password modification

This password is used to enter the advanced settings of the device, such as password settings, account numbers, SOS numbers, network settings.

To modify the advanced setting password on device:

**Settings > Advanced Settings > Protected Code > Setting Code.**

The default password is **123456**.



### 22.3 - Device web interface password modification

To modify the password by the web interface:

#### Security > Basic > Web Password Modify.

Select **Admin** for the administrator account and **User** for the user account. Click the **Change Password** tab to change the password.



#### Note

There are two accounts:

- **admin** - password: admin.
- **user** - password: user.

### 22.4 - Browser password modification

This password is used to lock the browser on the device in case someone uses the browser for any unwanted applications.

To modify the browser password on device:

#### Settings > Advanced Settings > Protected Code > Browser Code.

The default password is **123456**.

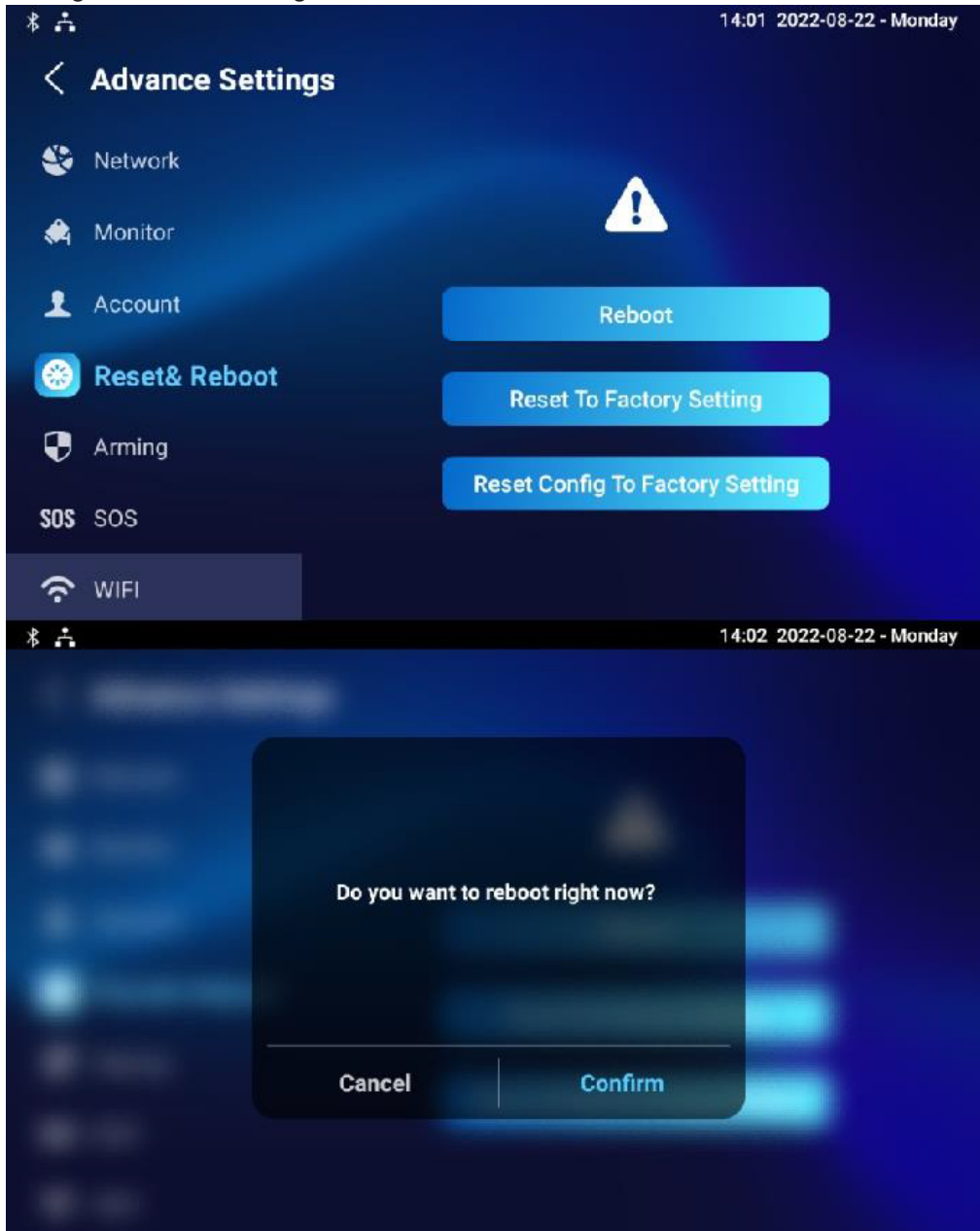


## 23 SYSTEM REBOOT AND RESET

### 23.1 - Reboot on device

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

**Settings > Advance Settings > Reset&Reboot.**



### 23.2 - Reboot by web interface

To reboot the system by the web interface:

**Upgrade > Basic.**

You can also set up a schedule for the device to be restarted.

**Basic** [?](#)

Firmware Version	567.30.1.209	<a href="#">?</a>
Hardware Version	1.0	<a href="#">?</a>
Upgrade	<a href="#">Import</a>	<a href="#">?</a>
Factory Default	<a href="#">Reset</a>	<a href="#">?</a>
Reset Config	<a href="#">Reset</a>	<a href="#">?</a>
Reboot	<a href="#">Reboot</a>	<a href="#">?</a>

To configure the device restart schedule by the web interface:

**Upgrade > Advanced > Reboot Schedule.**

**Reboot Schedule** ?

Switch  ?

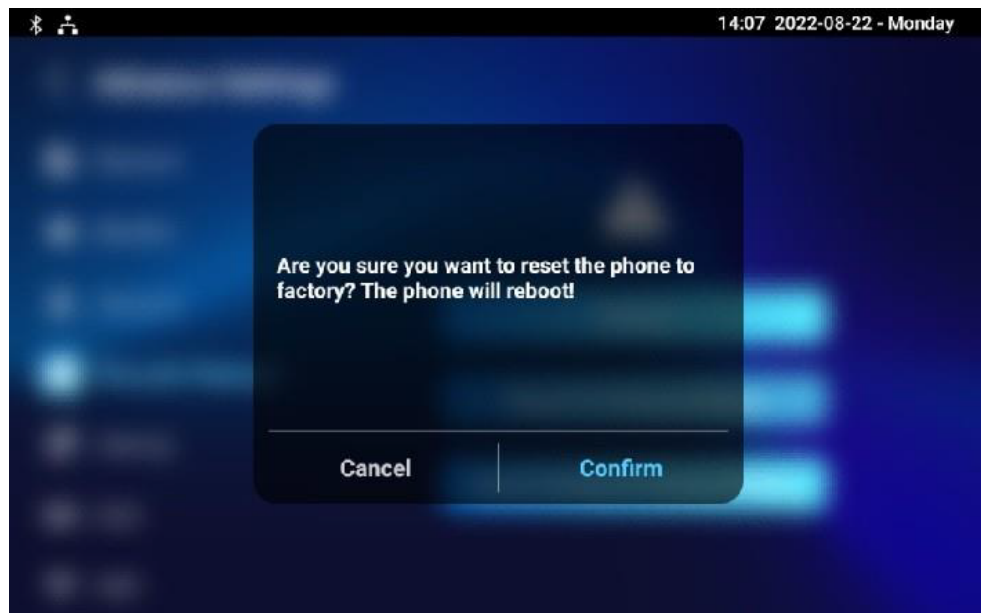
Schedule  ?

(0-23Hour)

**23.3 - Reset on device**

To reset the whole device system to the factory setting:

**Settings > Advance Settings > Reset&Reboot.**



To reset only the configuration file to the factory setting, press **Reset Config To Factory Setting** tab.

**23.4 - Reset by web interface**

To reset the whole device system to the factory setting by the web interface:

**Upgrade > Basic**

**Basic** ?

Firmware Version	567.30.1.209	?
Hardware Version	1.0	?
Upgrade	<input type="button" value="Import"/>	?
Factory Default	<input type="button" value="Reset"/>	?
Reset Config	<input type="button" value="Reset"/>	?
Reboot	<input type="button" value="Reboot"/>	?

To reset only the configuration file to the factory setting, click **Reset Config** on the same page.

## 24 REGULATIONS

### 24.1 - Warranty

We warrant this product to be free from defects in material and workmanship under normal and proper use for one year from the purchase date of the original purchaser. We will, at its option, either repair or replace any part of the products that prove defective due to improper workmanship or materials. THIS LIMITED WARRANTY DOES NOT COVER ANY DAMAGE TO THIS PRODUCT THAT RESULTS FROM IMPROPER INSTALLATION, ACCIDENT, ABUSE, MISUSE, NATURAL DISASTER, INSUFFICIENT OR EXCESSIVE ELECTRICAL SUPPLY, ABNORMAL MECHANICAL OR ENVIRONMENTAL CONDITIONS, OR ANY UNAUTHORIZED DISASSEMBLY, REPAIR OR MODIFICATION. This limited warranty shall not apply if: (i) the product was not used in accordance with any accompanying instructions, or (ii) the product was not used for its intended function. This limited warranty also does not apply to any product on which the original identification information has been altered, obliterated or removed, that has not been handled or packaged correctly, that has been sold as second-hand or that has been resold contrary to Country and other applicable export regulations.

### 24.2 - Declaration of conformity



Hereby, Nice-Polska Sp. z o.o. declares that MyBell IP Premium Indoor Monitor is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.manuals.fibaro.com](http://www.manuals.fibaro.com)

### 24.3 - WEEE Directive Compliance



Device labelled with this symbol should not be disposed with other household wastes. It shall be handed over to the applicable collection point for the recycling of waste electrical and electronic equipment.





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