Video Intercom Kit

User Manual

Legal Information

About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (***https://www.hikvision.com/***).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

Trademarks

HIKVISION and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions.

Other trademarks and logos mentioned are the properties of their respective owners.

Disclaimer

DEVELOPMENT OR PRODUCTION OF WEAPONS OF MASS DESTRUCTION, THE DEVELOPMENT OR PRODUCTION OF CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL-CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.

IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATTER PREVAILS.

Data Protection

During the use of device, personal data will be collected, stored and processed. To protect data, the development of Hikvision devices incorporates privacy by design principles. For example, for device with facial recognition features, biometrics data is stored in your device with encryption method; for fingerprint device, only fingerprint template will be saved, which is impossible to reconstruct a fingerprint image.

As data controller, you are advised to collect, store, process and transfer data in accordance with the applicable data protection laws and regulations, including without limitation, conducting security controls to safeguard personal data, such as, implementing reasonable administrative and physical security controls, conduct periodic reviews and assessments of the effectiveness of your security controls.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
⚠ Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
⚠ Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
🛈 Note	Provides additional information to emphasize or supplement important points of the main text.

Safety Instruction

⚠ **Warning**

- All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.
- Please use the power adapter, which is provided by normal company. The power consumption cannot be less than the required value.
- Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
- Please make sure that the power has been disconnected before you wire, install or dismantle the device.
- When the product is installed on wall or ceiling, the device shall be firmly fixed.
- If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

⚠ **Caution**

- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
- The device cover for indoor use shall be kept from rain and moisture.
- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
- Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.
- Please use the provided glove when open up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.
- Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.
- Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and lead to additional costs.

- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
- Input voltage should meet both the SELV and the Limited Power Source according to 60950-1 standard.
- The power supply must conform to LPS. The recommended adaptor models and manufacturers are shown as below. Use the attached adapter, and do not change the adaptor randomly.

Model	Manufacturer	Standard
ADS-24S-12 1224GPCN	SHENZHEN HONOR ELECTRONIC CO.,LTD	CEE
G0549-240-050	SHENZHEN GOSPELL DIGITAL TECHNOLOGY CO.,LTD	CEE
TS-A018-120015Ec	SHENZHEN TRANSIN TECHNOLOGIES CO., LTD	CEE

Regulatory Information

EU Conformity Statement

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, RE Directive 2014/53/EU,the RoHS Directive 2011/65/EU

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see:www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

Legal Information

About this Manual

The Manual includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of this Manual at the Hikvision website (***https:// www.hikvision.com/***).

Please use this Manual with the guidance and assistance of professionals trained in supporting the Product.

Trademarks

HIKVISION and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions.

Other trademarks and logos mentioned are the properties of their respective owners.

Disclaimer

DEVELOPMENT OR PRODUCTION OF WEAPONS OF MASS DESTRUCTION, THE DEVELOPMENT OR PRODUCTION OF CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL-CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.

IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATTER PREVAILS.

Data Protection

During the use of device, personal data will be collected, stored and processed. To protect data, the development of Hikvision devices incorporates privacy by design principles. For example, for device with facial recognition features, biometrics data is stored in your device with encryption method; for fingerprint device, only fingerprint template will be saved, which is impossible to reconstruct a fingerprint image.

As data controller, you are advised to collect, store, process and transfer data in accordance with the applicable data protection laws and regulations, including without limitation, conducting security controls to safeguard personal data, such as, implementing reasonable administrative and physical security controls, conduct periodic reviews and assessments of the effectiveness of your security controls.

Symbol Conventions

The symbols that may be found in this document are defined as follows.

Symbol	Description
⚠ **Danger**	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
⚠ **Caution**	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
📖 **Note**	Provides additional information to emphasize or supplement important points of the main text.

Safety Instruction

⚠ **Warning**

- All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.
- Please use the power adapter, which is provided by normal company. The power consumption cannot be less than the required value.
- Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
- Please make sure that the power has been disconnected before you wire, install or dismantle the device.
- When the product is installed on wall or ceiling, the device shall be firmly fixed.
- If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

⚠ **Caution**

- Do not drop the device or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Do not place the device in extremely hot (refer to the specification of the device for the detailed operating temperature), cold, dusty or damp locations, and do not expose it to high electromagnetic radiation.
- The device cover for indoor use shall be kept from rain and moisture.
- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).
- Do not aim the device at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.
- Please use the provided glove when open up the device cover, avoid direct contact with the device cover, because the acidic sweat of the fingers may erode the surface coating of the device cover.
- Please use a soft and dry cloth when clean inside and outside surfaces of the device cover, do not use alkaline detergents.
- Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and lead to additional costs.

- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.
- Input voltage should meet both the SELV and the Limited Power Source according to 60950-1 standard.
- The power supply must conform to LPS. The recommended adaptor models and manufacturers are shown as below. Use the attached adapter, and do not change the adaptor randomly.

Model	Manufacturer	Standard
ADS-24S-12 1224GPCN	SHENZHEN HONOR ELECTRONIC CO.,LTD	CEE
G0549-240-050	SHENZHEN GOSPELL DIGITAL TECHNOLOGY CO.,LTD	CEE
TS-A018-120015Ec	SHENZHEN TRANSIN TECHNOLOGIES CO., LTD	CEE

Regulatory Information

EU Conformity Statement

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, RE Directive 2014/53/EU,the RoHS Directive 2011/65/EU

2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info

2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see:www.recyclethis.info

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.
This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. this device may not cause interference, and
2. this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.

Cet équipement doit être installé et utilisé à une distance minimale de 20 cm entre le radiateur et votre corps.

Contents

Chapter 1 About this Manual

Get the manual and related software from or the official website (http://www.hikvision.com).

Product	Model
Network Indoor Station	DS-KH6320-WTDE1
Doorphone	DS-KB2411T-IM

Chapter 2 Introduction

Features of the hybrid video intercom products:

- User-friendly control with a convenient touch screen.
- Convenient management via the Hik-Connect mobile client.
- More cost-effective options with analog doorbells.
- Easy installation as the doorbell requires no exclusive power supply.

Chapter 3 Appearance

Network Indoor Station
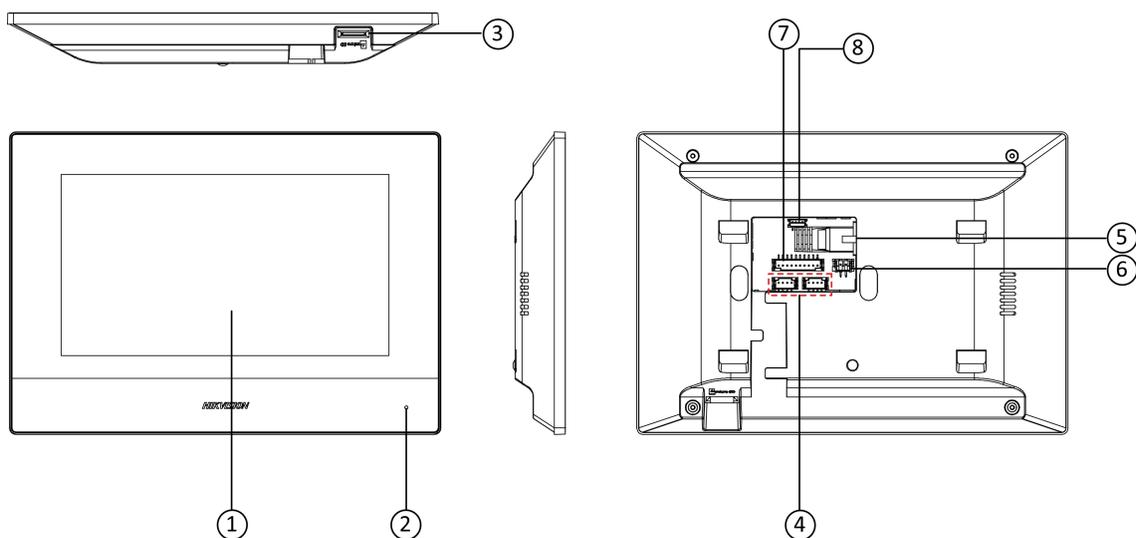
Figure 3-1 Appearance of Indoor Station

Table 3-1 Description

No.	Description
1	Screen
2	Microphone
3	SD Card Slot
4	Four-Wire Terminals
5	Network Interface
6	Power Supply Interface
7	Alarm Input/Relay Output/RS-485 Interface
8	Serial Port (For Debugging Use Only)

Doorphone
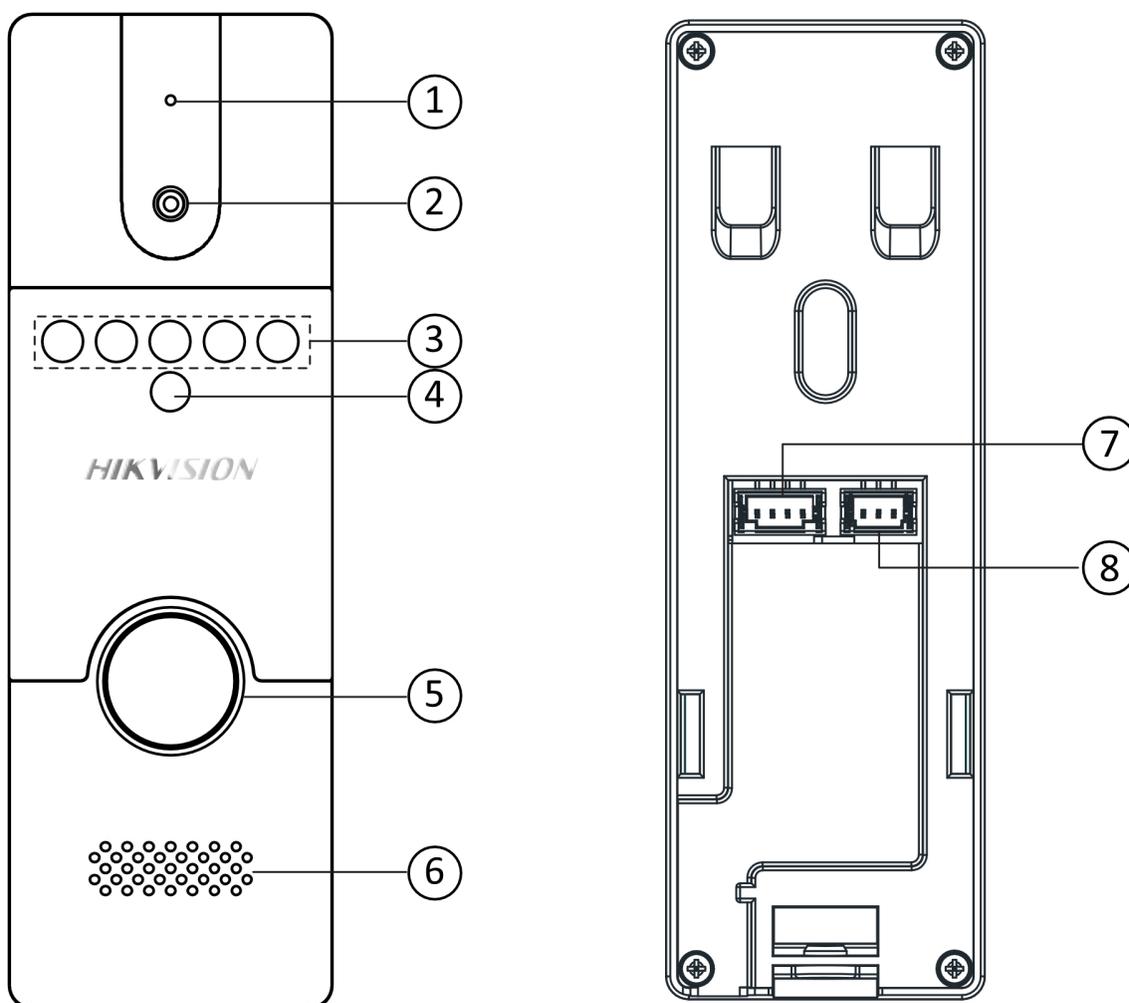
Figure 3-2 Appearance of Doorphone

Table 3-2 Description

No.	Description
1	Microphone
2	Built-in Camera
3	IR Supplement Light
4	Photoresistor
5	Call Button
6	Loud Speaker

No.	Description
7	Four-Wire Interface
8	Lock Interface

Chapter 4 Terminal and Wiring Description

4.1 Terminal Description

Network Indoor Station Wiring
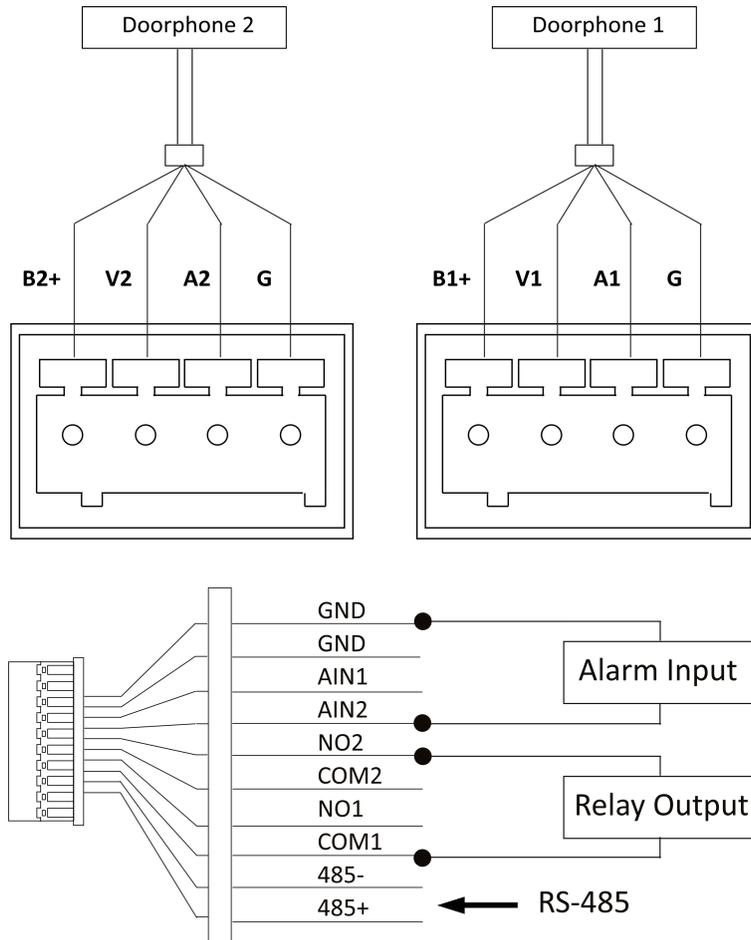
Figure 4-1 Terminal of Indoor Station

Table 4-1 Descriptions of Terminal and Interfaces

Interface	Description	Function
B1+	12 VDC Power supply for doorphone 1	For the connection of doorphone 1
V1	Video input of doorphone 1	
A1	Audio input/ output of doorphone 1	
G	Grounding	
B2+	12 VDC Power supply for doorphone 2	For the connection of doorphone 2
V2	Video input of doorphone 2	
A2	Audio input/ output of doorphone 2	
G	Grounding	
GND	Grounding	For the connection of alarm input devices
AIN1	Alarm input 1	
AIN2	Alarm input 2	
COM1	Door lock relay output 1 (common)	For the connection of door locks
NO1	Door lock relay output 1 (normally open)	
COM2	Door lock relay output 2 (common)	
NO2	Door lock relay output 2 (normally open)	

Interface	Description	Function
485+	RS-485+ Interface	For the connection of devices via RS-485
485-	RS-485- Interface	

Doorphone Wiring
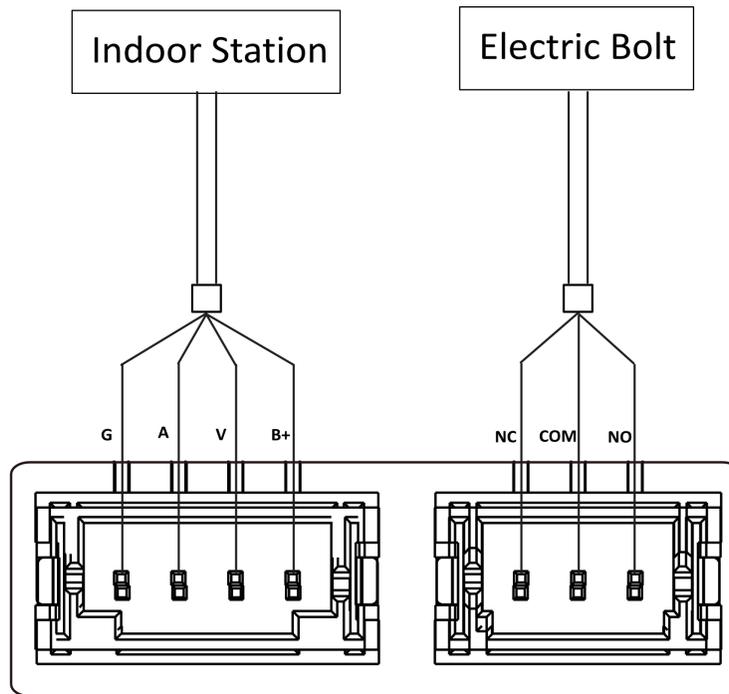
Figure 4-2 Terminal of Doorphone

Table 4-2 Descriptions of Terminal and Interfaces

Interface	Description	Function
B+	Power supply from indoor station	For the connection of indoor station
V	Video output	
A	Audio input/ output	
G	Grounding	

Interface	Description	Function
NC	Door lock relay output/normally closed	For the connection of door lock
COM	Door lock relay output/common	
NO	Door lock relay output/normally open	

4.2 Wiring Description

The Typical application is shown as below.

⚠️**Caution**

Make sure all the related equipment is power-off during the wiring and installation.

Typical Application
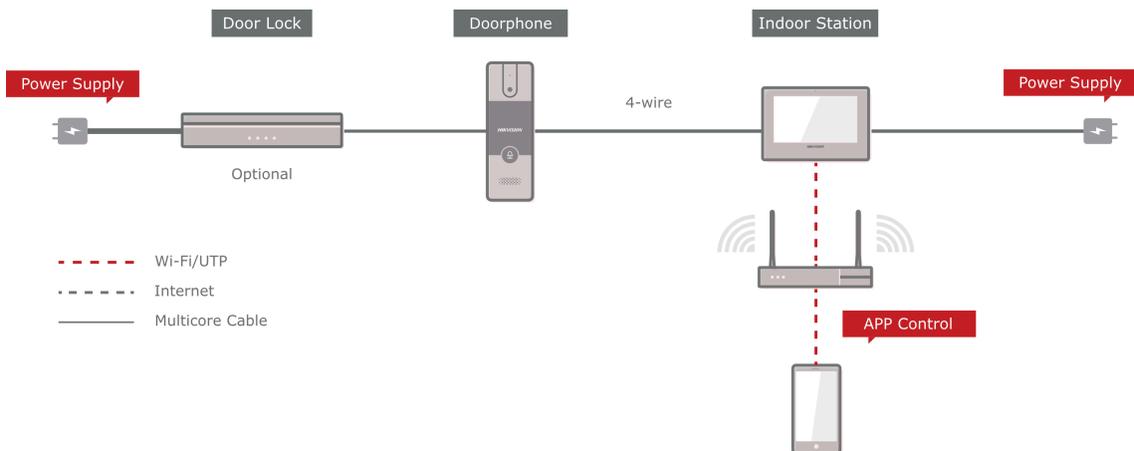
Figure 4-3 Topology

ℹ️**Note**

- Network indoor station can be connected to LAN(PoE) with Network Cable.

Chapter 5 Installation

5.1 Install Indoor Station

5.1.1 Wall Mounting with Junction Box

Before You Start

> **ⓘ Note**
> - Make sure the device in the package is in good condition and all the assembly parts are included.
> - The power supply the indoor station supports is 12 VDC. Please make sure your power supply matches your indoor station.
> - Make sure all the related equipment is power-off during the installation.
> - Check the product specification for the installation environment.

The dimension of junction box should be 75 mm (width) × 75 mm (length) × 50 mm (depth). The dimension of wall mounting plate is shown.
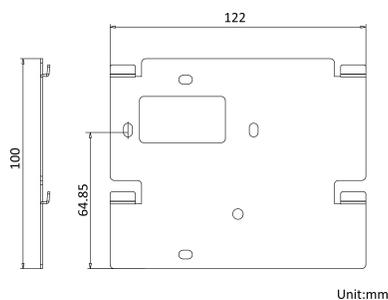
Figure 5-1 Wall Mounting Plate

Steps

1. Chisel a hole in the wall. The size of the hole should be 76 mm (width) × 76 mm (length) × 50 mm (depth).
2. Insert the junction box to the hole chiseled on the wall.
3. Fix the wall mounting plate to the junction box with 2 screws.
4. Hook the indoor station to the wall mounting plate tightly by inserting the plate hooks into the slots on the rear panel of the indoor station, during which the lock catch will be locked automatically.
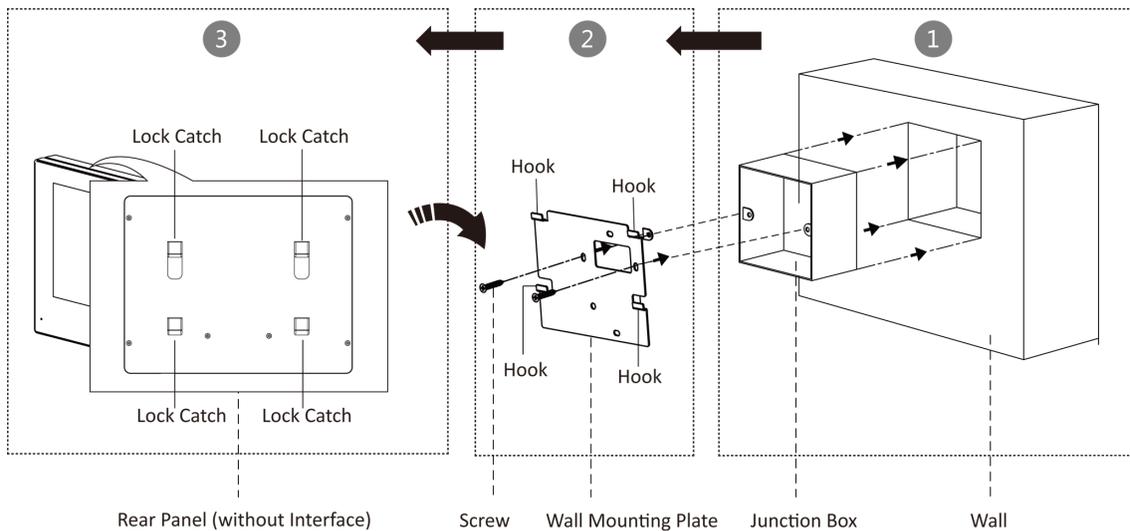
Figure 5-2 Wall Mounting with Junction Box

5.1.2 Mounting Indoor Station without Junction Box

Before You Start

Note

- Make sure the device in the package is in good condition and all the assembly parts are included.
- The power supply the indoor station supports is 12 VDC. Please make sure your power supply matches your indoor station.
- Make sure all the related equipment is power-off during the installation.
- Check the product specification for the installation environment.

Steps

1. Insert 2 expension tubes into the wall.
2. Fix the wall mounting plate to the junction box with 2 screws.
3. Hook the indoor station to the wall mounting plate tightly by inserting the plate hooks into the slots on the rear panel of the indoor station, during which the lock catch will be locked automatically.
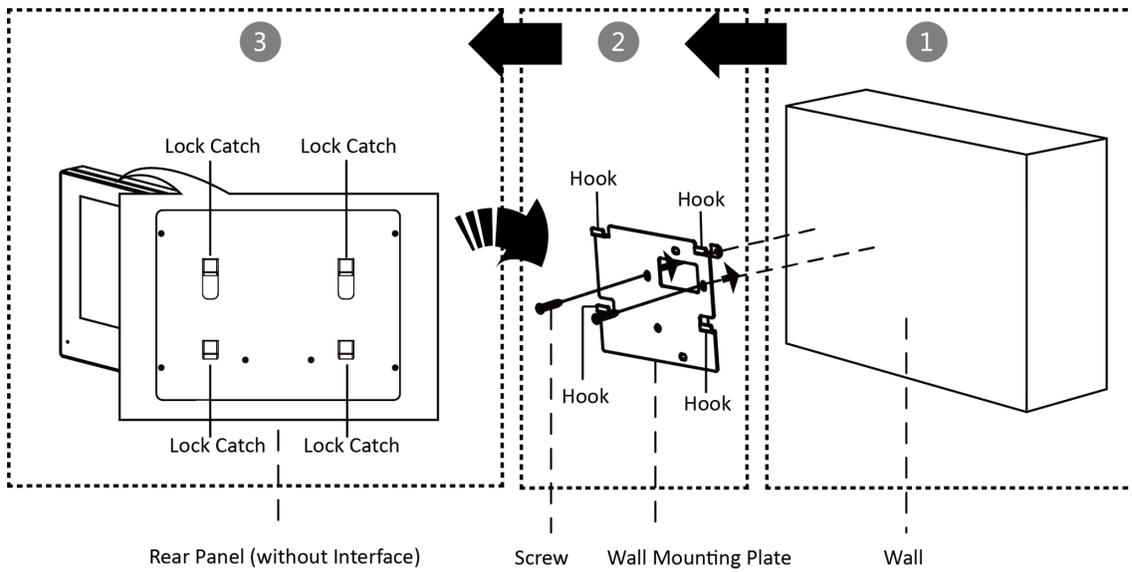
Figure 5-3 Wall Mounting without Junction Box

5.2 Install Doorbell

Before You Start

• Make sure you have powered off the main power switch of your home.
• Make sure you have connected power cables of the doorbell.

The Dimension of the wall mounting shield is shown below.
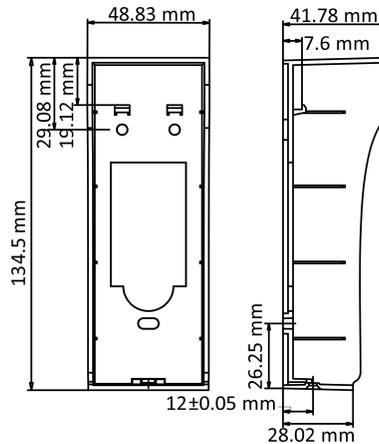
Figure 5-4 Wall Mounting Shield

Steps

1. Fix the wall mounting shield to the wall with 3 screws.
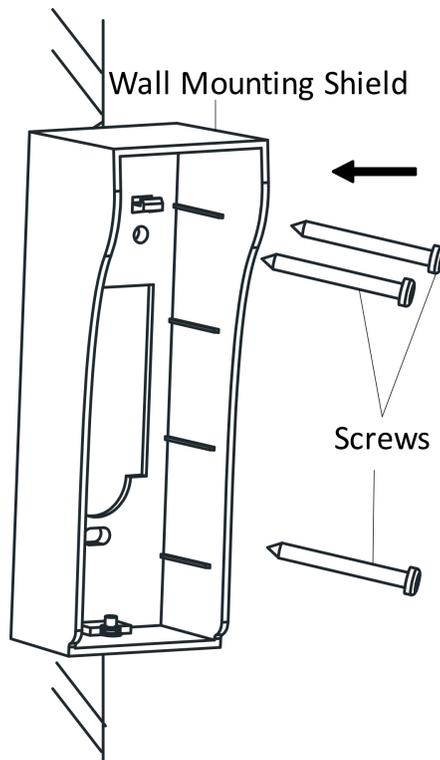
Figure 5-5 Fix Shield to Wall

2. Hook the door station to the shield tightly by inserting the hooks of shield panel into the slots on the rear panel of the door station.
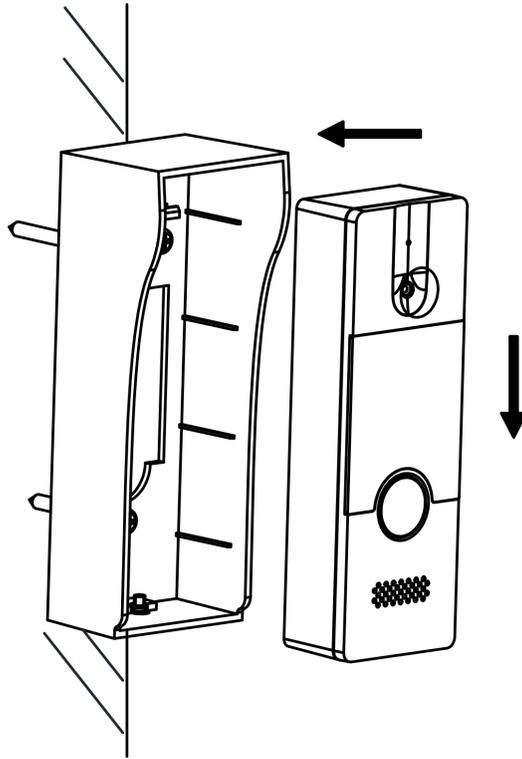
Figure 5-6 Install Doorphone to Shield

3. Secure the door station with the mounting shield with the set screw.

Set Screw
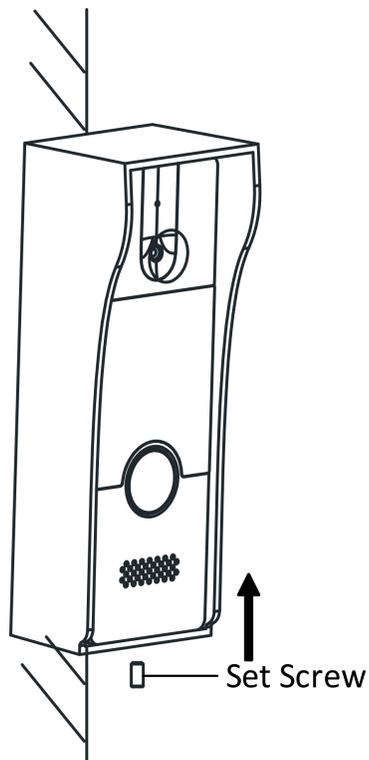
Figure 5-7 Fix Doorbell

Chapter 6 Activation

6.1 Connect to Wired Network

You can connect the device to the network via connecting network cables.

Steps
1. Use the network cable to connect your computer to distributor.
2. Enter the default IP address of the device in the address bar of web browser.

What to do next
Activate the device and login to configure parameters remotely.

6.2 Activate Indoor Station

You can configure and operate the indoor station after creating a password for the device activation.

Steps
1. Power on the device. It will enter the activation page.
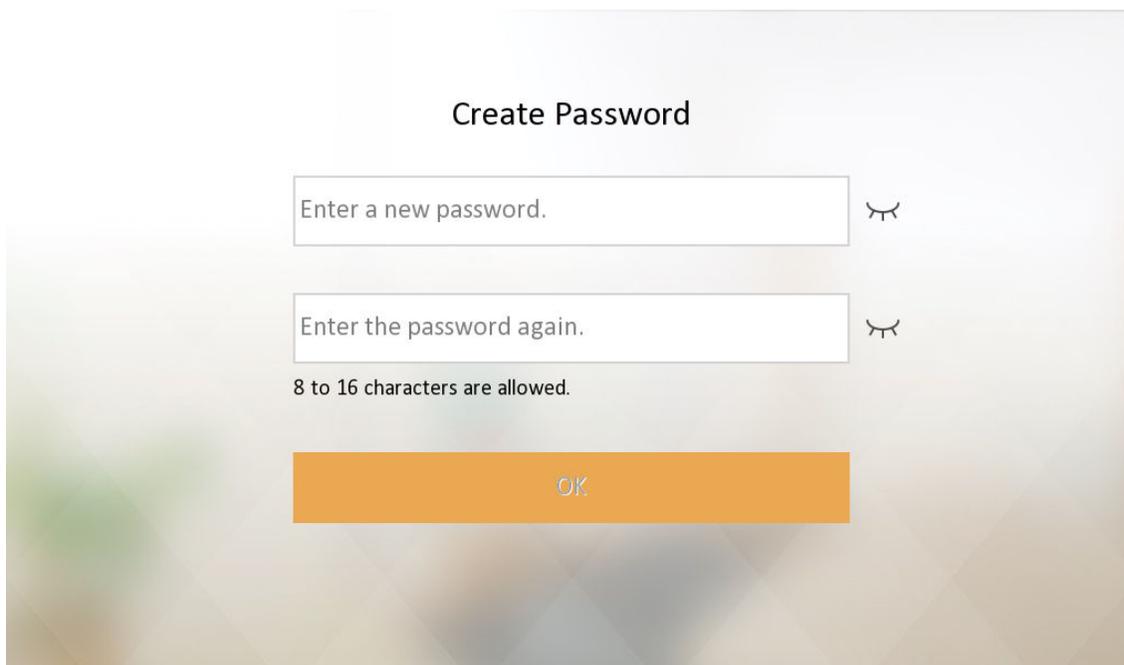
Figure 6-1 Activation Page

2. Create a password and confirm it.

⌷ⁱNote

You can click 👁 to enable or disable password reveal.

3. Tap **OK** to activate the indoor station.

⌷ⁱNote

We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.

After device activation, the wizard page will pop up.

6.3 Activate Device via Client Software

You can only configure and operate the door station after creating a password for the device activation.

Default parameters of door station are as follows:

- Default IP Address: 192.0.0.65.
- Default Port No.: 8000.
- Default User Name: admin.

Steps

1. Run the client software, click **Maintenance and Management → Device Management → Device** to enter the page.
2. Click **Online Device**.
3. Select an inactivated device and click **Activate**.
4. Create a password, and confirm the password.

⌷ⁱNote

We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.

5. Click **OK** to activate the device.

⎙**Note**

- When the device is not activated, the basic operation and remote operation of device cannot be performed.
- You can hold the **Ctrl** or **Shift** key to select multiple devices in the online devices, and click the **Activate** button to activate devices in batch.

Chapter 7 Configuration

7.1 Local Operation

7.1.1 Quick Operation

After device activation, the wizard page will pop up. The description is for other indoor stations.

Steps
1. Choose language and tap **Next**.
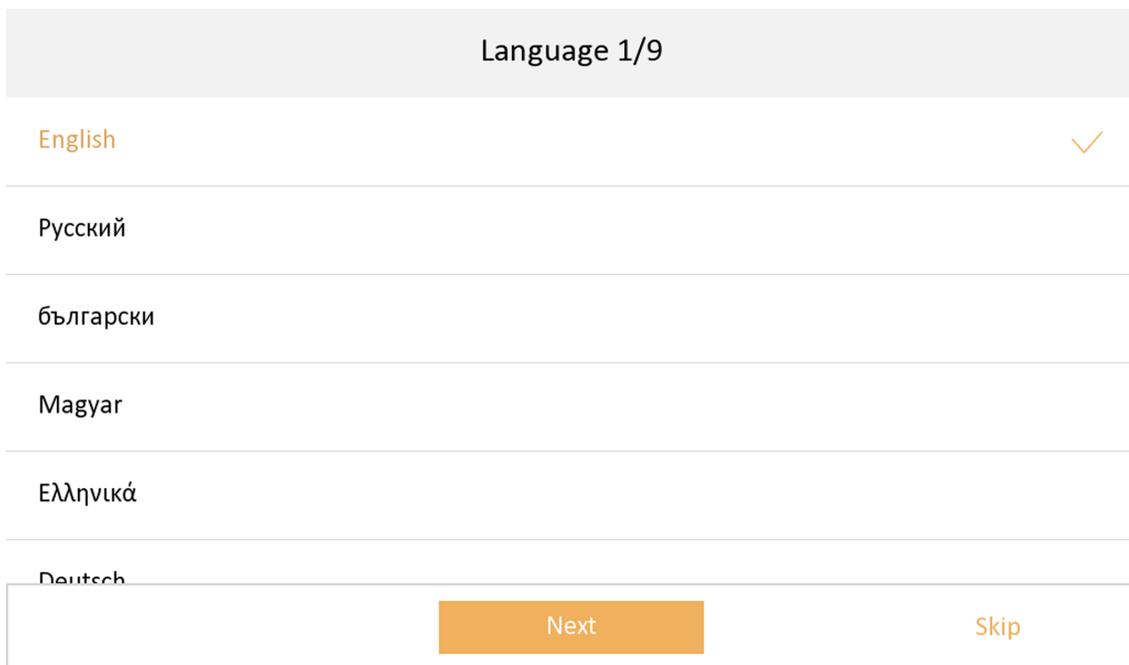
Figure 7-1 Language Settings

2. Set password reset methods and tap **Next**.
   - Bind an email address. If you forget your admin and activation password, you can change the password via the reserved email address.
   - Tap **Change to Security Question** to select security questions and enter the answers. If you forget your admin and activation password, you can change the password via answering the questions.

Password Reset Method 2/9

Change to Security Question

Please Set Reserved Email

Previous   Next
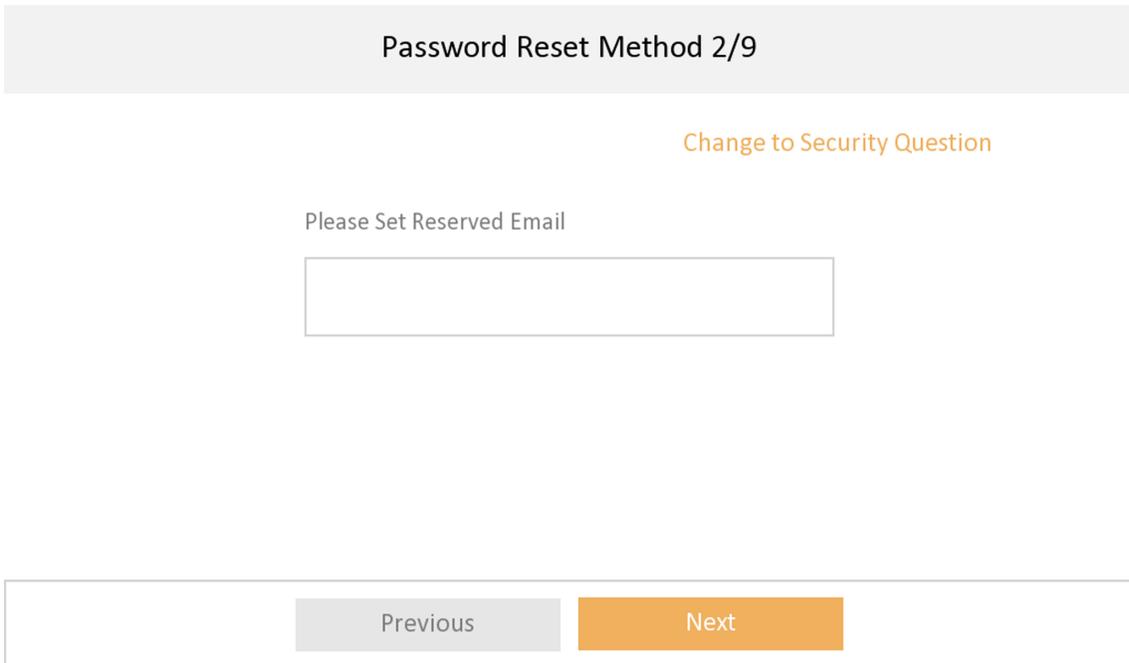
Figure 7-2 Password Reset Methods

3. Set network parameters and tap **Next**.
- Edit **Local IP**, **Subnet Mask** and **Gateway** parameters manually.
- Enable **Auto Get IP address**, the device will get network parameters automatically.

Network Settings 3/9

Auto Get IP Address

Local IP

Subnet Mask

Gateway

Previous   Next   Skip
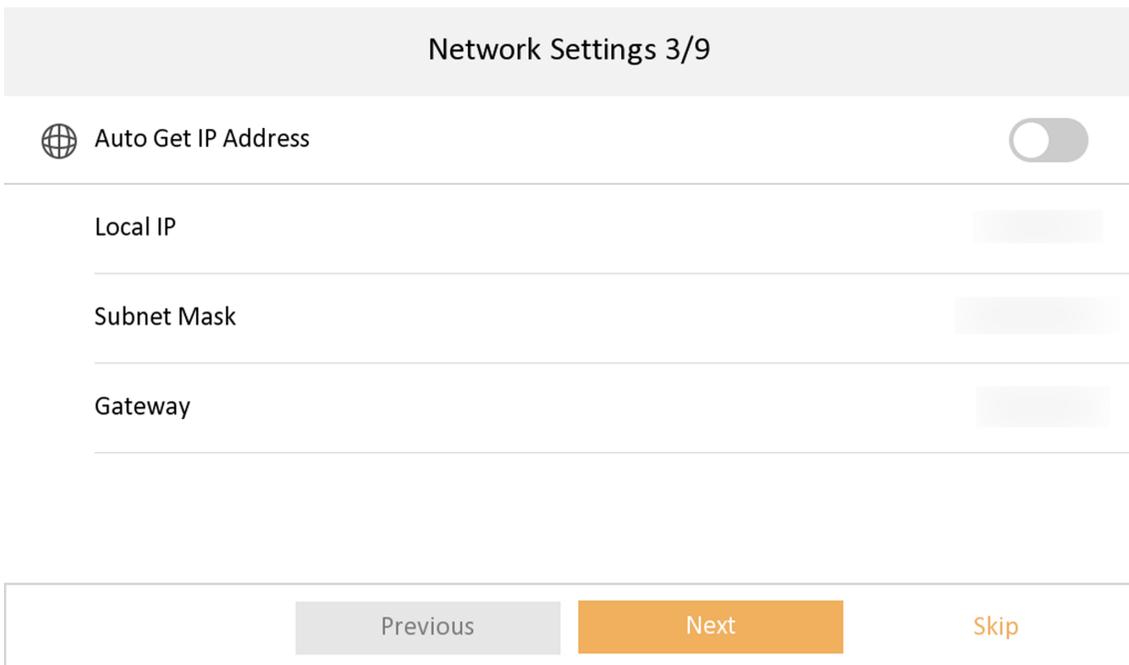
Figure 7-3 Network Parameters

4. Configure the indoor station.

    1) Select **Device Type** as **Indoor Station** or **Indoor Extension**.

    2) Set **Floor No.**.

    3) Set **Room No.**.

    4) Configure advanced settings. Set Comminity No., Building No. and Unit No.

    5) Set **Registration Password**.

    6) Tap **Next**.

Figure 7-4 Indoor Station Settings

5. Enable the Wi-Fi function. Select a Wi-Fi from the list and enter the Wi-Fi's password to get connected. Tap **Next**.

⌐i⌐**Note**

The device should support Wi-Fi.

Wi-Fi 5/9
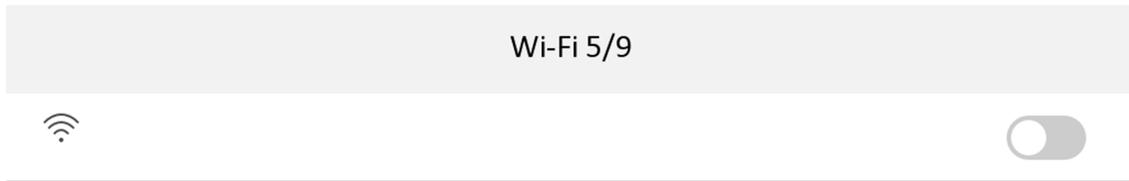
Enable the Wi-Fi function to connect an available Wi-Fi.

| Previous | Next | Skip |

Figure 7-5 Wi-Fi

6. Set time and tap **Next**.

[i]**Note**

The time can be synchronized to door stations.

1) Select the **Time Zone**.
2) Tap **Date Format** and **Time Format** to set the time format.
3) Tap **Time** to set time manually.
4) Enable **DST**.Set the DST start time, end time and bias time.

Figure 7-6 Time Settings

7. Configure the **Hik-Connect** service settings.

1) Enable **Hik-Connect** service.

2) Edit verification code or use the activation password by default.

3) View **Hik-Connect** Server Status.

4) Scan the first QR Code to download the APP of **Hik-Connect**. Scan the second QR Code to add your device to the APP. After adding the device to the APP, you can configure the device remotely.

5) Tap **Next**.

Call Mobile Phone 7/9

⊟ Enable Hik-Connect Service

| Previous | Next | Skip |
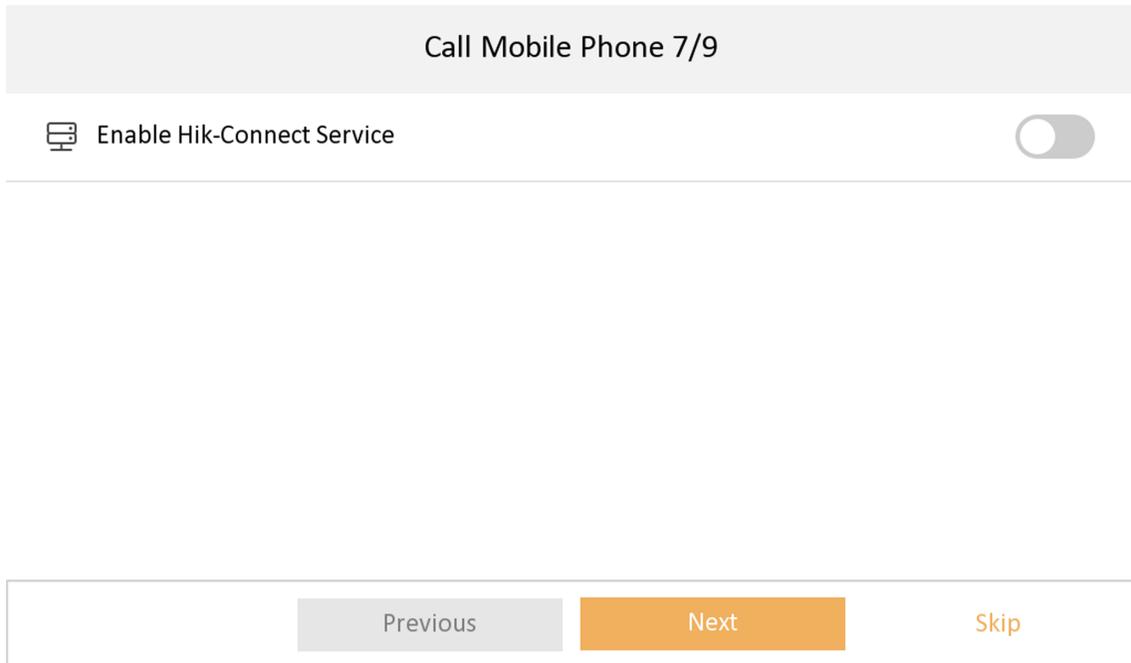
Figure 7-7 Hik-Connect Service Settings

8. Link related devices and tap **Next**. If the device and the indoor station are in the same LAN, the device will be displayed in the list.

Door Station Settings 8/9

Select door station (multiple selection).

You can find the serial No. on the package or the surface of your device.

Enter the serial No.

○　　　　　　　　V3.8.0build 221014　　Activate

○　　　　　　　　V4.0.0build 221011　　Activate

| Previous | Next | Skip |
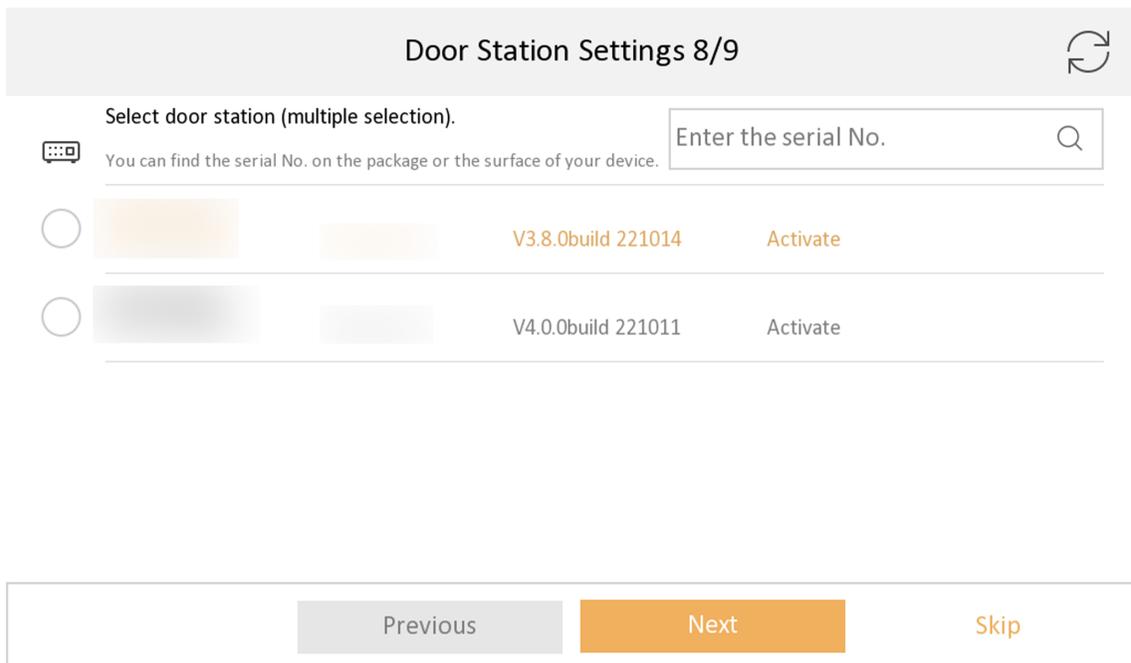
Figure 7-8 Related Device

1) Tap the door station in the list to link.

> ⓘ**Note**
>
> If the door station is inactive, the system will pop up the dialog to activate the door station.

2) Edit the network parameters of the door station manually.

3) Tap **Next**.

9. **Optional:** Enable **Indoor Station** and link related indoor extension devices. Tap **Finish**. If the indoor extension and the indoor station are in the same LAN, the device will be displayed in the list. Tap the device or enter the serial No. to link.
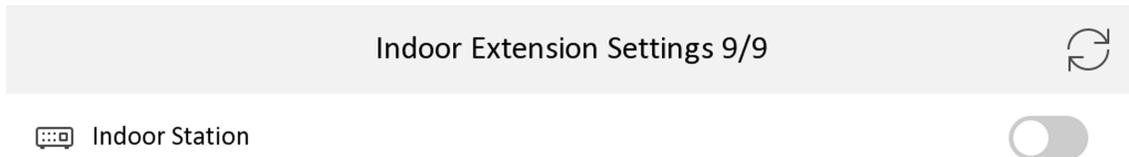
Figure 7-9 Related Device

1) Tap the indoor extension in the list to link.

> ⓘ**Note**
>
> If the indoor extension is inactive, the system will pop up the dialog to activate the device.

10. Tap **Finish** to save the settings.

7.1.2 Basic Settings

Basic settings is required before starting using the indoor station. It is necessary to set the indoor station network, room No., linked devices, device time display, and so on.

Set Indoor Station Network Parameters

Network connection is mandatory for the use of the indoor station. Set the network parameters after activating the indoor station. Only when the IP address of the indoor station is in the same network segment as other devices, it can work properly in the same system.

Steps

Note
The default IP address of the indoor station is 192.0.0.64.
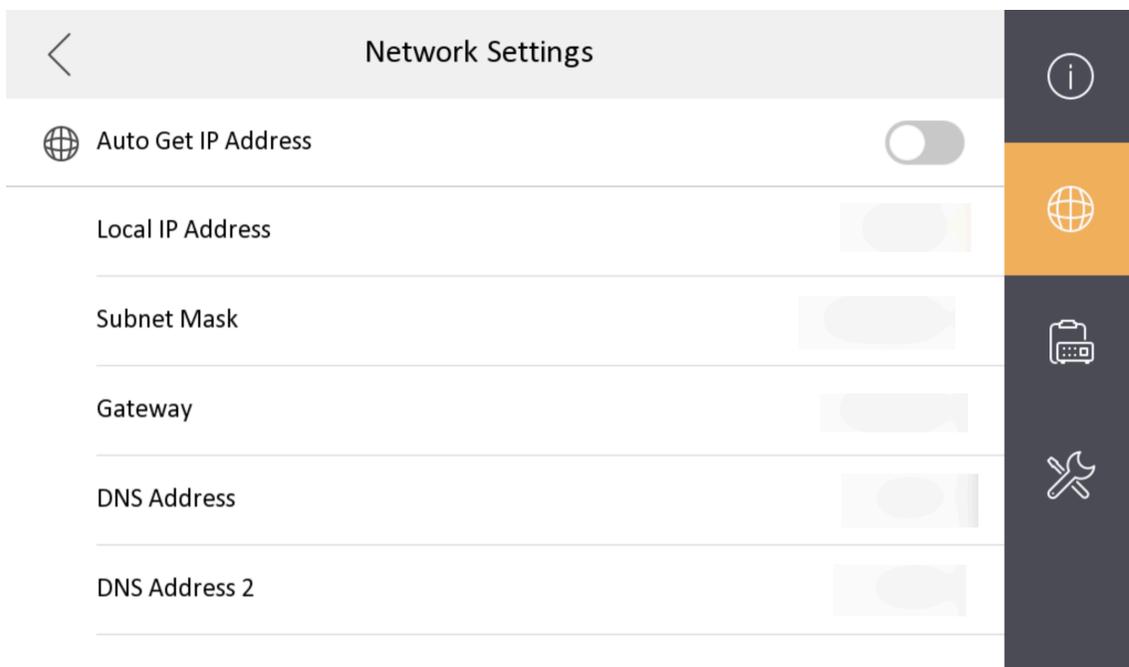
Figure 7-10 Network Information

Two ways are available for you to set IP address: DHCP, and set IP address manually.

1. Tap **Settings → ▤ → Configuration** , and enter admin (activation) password.

2. Tap ⊕ to enter the network settings page.

3. Set the network parameters.
- Enable **DHCP**, and the system can assign an IP address of the indoor station automatically.
- Disable the DHCP function, and set the IP address manually. You should set the device IP address, the gateway, the DNS address.

Connect to Wi-Fi

Set Wi-Fi connection.

Tap **Settings →** 🔳 . Enable **Wi-Fi**, and the indoor station will search available Wi-Fi automatically.

ⓘNote

The Wi-Fi IP can be changed.
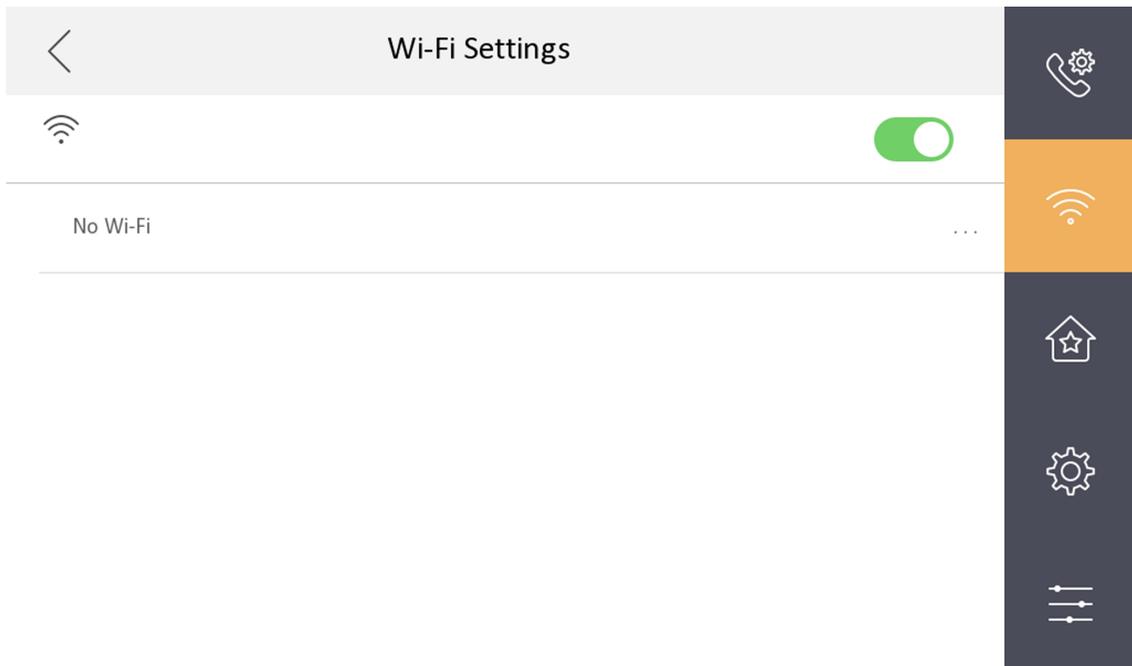
Figure 7-11 Wi-Fi Settings

Select an Wi-Fi and connect.

Set Linked Device IP

Linked network parameters refers to the network parameters of devices (like door station, doorphone, main station, center, etc.), to which the indoor station is linked. Linked devices for the indoor station refers to door station, center, main station, and doorphone.

With the private SIP protocol, intercom can be realized only when all these devices are in the same network segment with the indoor station.

Steps

ⓘNote
- The doorphone does not support adding with the standard SIP protocol.
- Here take main door station network settings as example.

1. Tap **Settings →** 🔳 **→ Configuration →** 🔳 to enter the device management page.

ⓘNote

Default admin password is the activation password.

2. Tap **Main Door Station** to pop up the device information dialog.
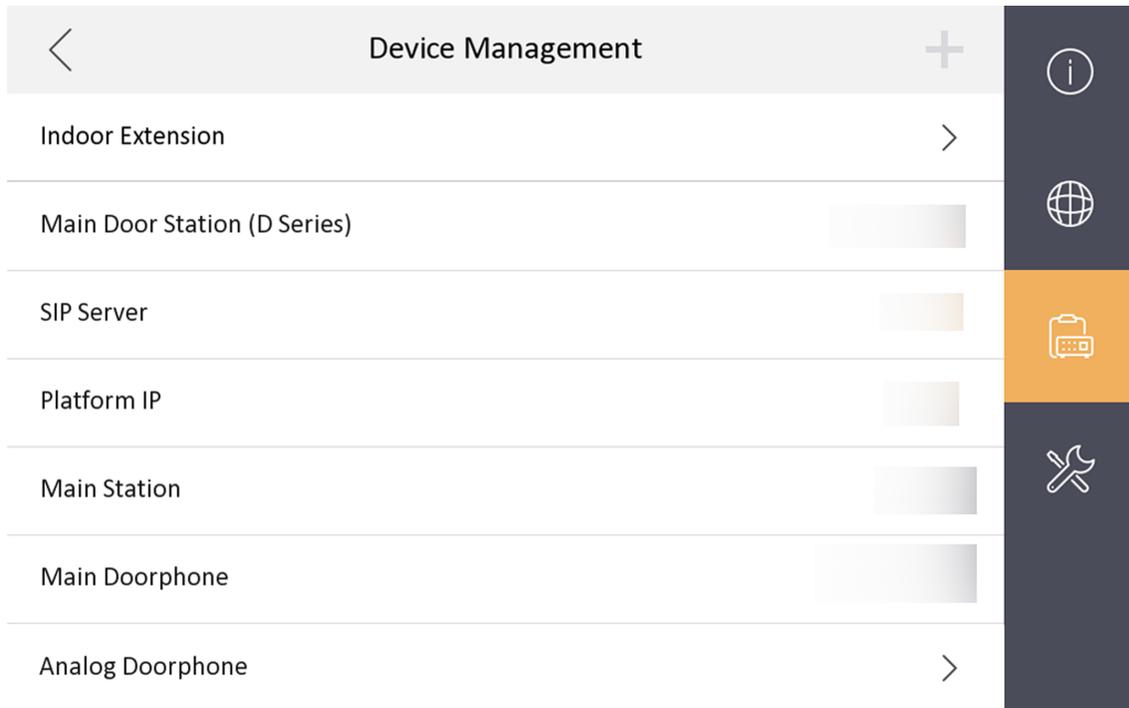
Figure 7-13 Device Information

Set the parameters of the linked door station.　Tap ⚙ to set parameters of the door station.

3. Select a device to link. Edit the following parameters.

Name

You can edit the name of the device.

Language

Select a language from the drop-down list for the device.

Network

Enable **Auto Get IP Address** and the system will assign IP address, subnet mask, and gateway automatically. Or edit the IP address, subnet mask, and gateway manually.

Door Lock Parameters

After wire the lock with the door station, you can set name and door opening duration according to your needs.

ⓘNote

Up to 2 locks can be configured.

Volume Settings

Set microphone volume and output volume.

Call Number Settings

The call No. should be the same as the indoor station's room No. If press the call button of the door station, you can call the indoor station directly.

Public Password

You can use the public password to open the door station related door lock. Select the public password type. Enter the old password and new password and then confirm the new password. Tap **OK** to save the settings.

Restore to Default Settings

Restore All

All parameters will be restored to the factory settings. The system will reboot to take effect.

Device Reboot

Reboot the device.

Set Local Information

Indoor station No. and the indoor extension No. are numbers, which can be dialed by other devices to call the indoor station and the indoor extension in an intercom system. The indoor station No., is composed of the floor No., room No., community No., building No. and unit No.

The indoor extension No. Should be a numeric from 1 to 5.

Up to 5 indoor extensions can be set for 1 indoor station.

Steps

1. Tap **Settings → ⚒ → Configuration → ⚙** to enter the indoor station No. settings page.

   ⊡i Note

   Default admin password is the activation password.
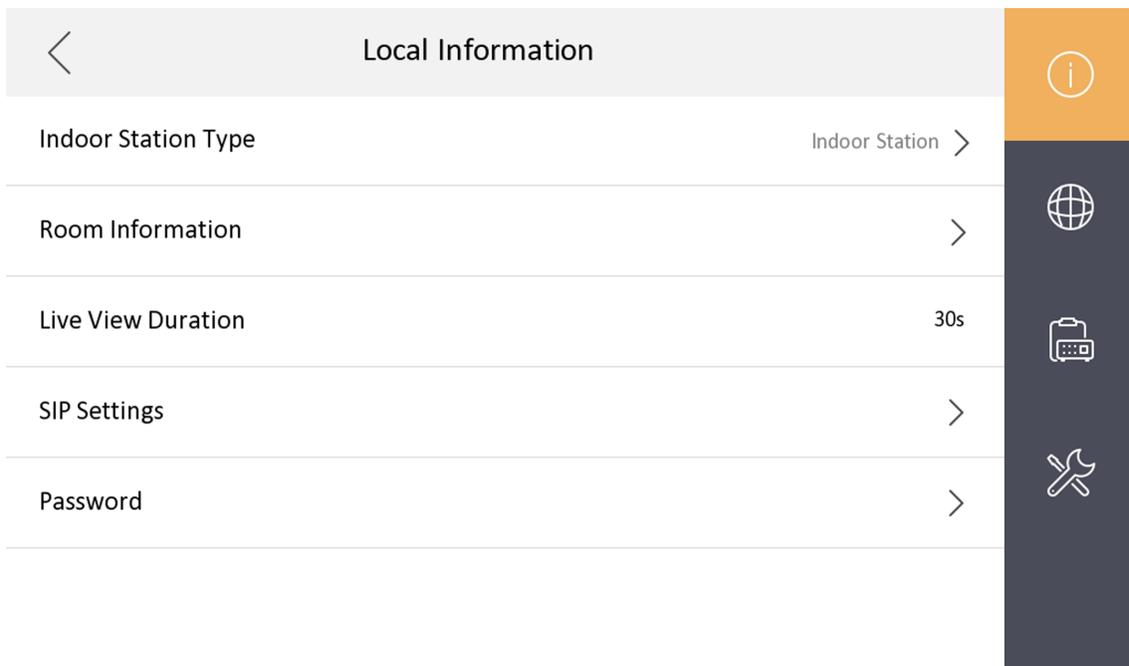
Figure 7-14 Set Indoor Station No.

2. Select **Indoor Station** to set the room information, live view duration, SIP parameters and password.

Room Information

You can set room name, floor No., and room No. Tap **Advanced Settings** to set community No., building No. and unit No. if you need.

⌐ⅈ Note

- Community No., building No., and unit No. can be omitted if there is no such information.
- If there are two indoor stations that are in the same building, and should call each other, enter the the room No. directly to call.
- If there are two indoor stations that are in two buildings, and should call each other, enter the building No. and the room No. to call. For examle, call 1-405 to call room 405 in building 1.

Live View Duration

You can set the duration of live view.

SIP Settings

You can set SIP parameters. For more details, please refer to: *__SIP Settings__*

Password Settings

You can set unlock password and duress code.

3. Select **Indoor Extension** to set the room information, live view duration, registration password and enable **SIP 1.0** according to your needs.

Room Information

You can set room name and No. Tap **Advanced** to set the community No., building No., and unit No. if you need.

When calling the indoor station and the two devices are in the same building, you can call the room No. directly.

Live View Duration

You can set the duration of live view.

Registration Password

You can create a new registration password.

Enable SIP 1.0

You can enable SIP 1.0 protocol according to your needs.

Analog Doorphone Settings

The analog doorphone and sub doorphone share the capacity quantity. You can add maximum 1 doorphone + 14 sub doorphone + 2 analog doorphone to one indoor station. (If there is no analog doorphone, you can add 1 doorphone + 16 sub doorphone to one indoor station.)

Steps
1. Tap **Settings → [icon] → Configuration** , and enter admin (activation) password.
2. Tap [icon] to enter the device management page.
3. Tap **Analog Doorphone**.
4. Set the name and the unlock time. Click **OK** to save the settings.
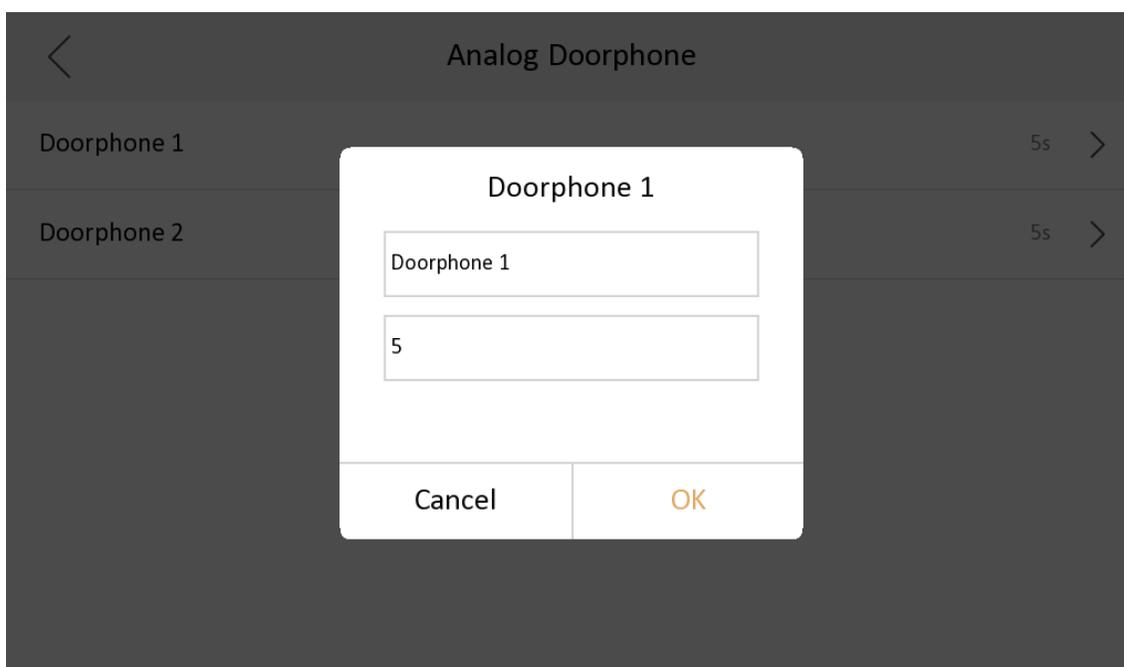
Figure 7-15 Analog Doorphone

📖 **Note**
The unlock time is between 1 s to 255 s.

Add Camera

Steps
1. Tap **Settings** → ▤ → **Configuration** , and enter admin (activation) password.
2. Tap 🗄 to enter the device management page.
3. Tap **+** to pop up the dialog box.
4. Select a protocol to add the camera.
- Select **HIK Protocol** and you can add the camera depended on the **HIK protocol**.

    Enter the device name, IP address, user name and the password of the camera. Edit port No. and channel No.

    Exit the page to save the settings.
- Select **Open Network Video Interface** to add the camera.

    Enter the device name, IP address, user name and the password of the camera.

    Exit the page to save the settings.

SIP Settings

Devices can communicate with each other via SIP protocol. You create set the SIP register password, enable standard SIP and set VOIP account.

Steps
1. Tap **Settings** → ▤ → **Configuration** , and enter admin (activation) password.
2. Tap **SIP Settings** in Local Information Page.

SIP Settings	
Registration Password	Configured 〉
Stream Transmission Mode	Unicast 〉
Compatible with SIP1.0 indoor station.	
Enable Standard SIP	
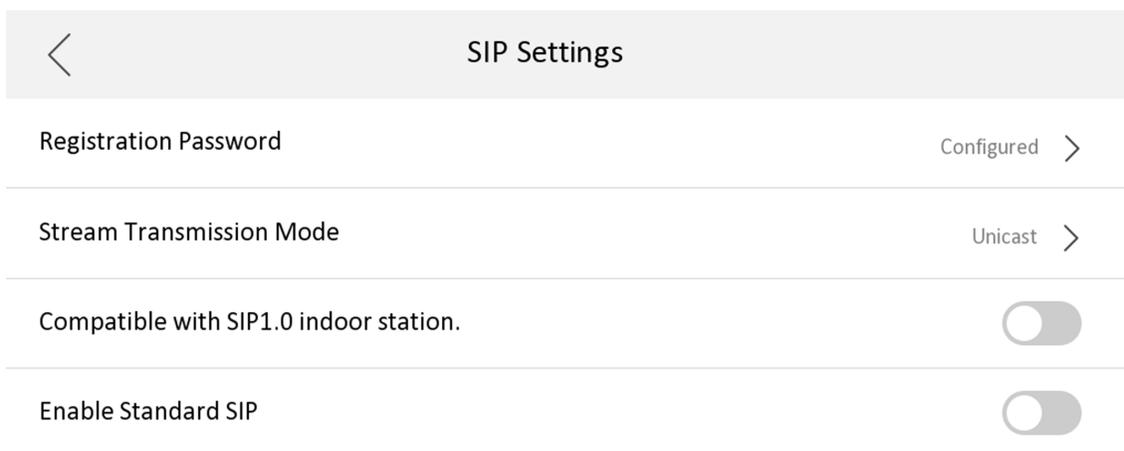
Figure 7-16 SIP Settings

3. Set SIP registration password.
   1) Tap **Registration Password**.
   2) Create a new SIP registration password and confirm the password.
   3) Tap **OK**.
4. **Optional:** Enable standard SIP.
   1) Slide to **Enable Standard SIP**.
   2) Tap **VOIP Account Settings** and configure the account information, including the user name, the phone number, the registered user name, the password, the domain, the port No., and the expiration date.

User Name	Enter the user name.
Phone Number	Enter your number.
Registered Username	Enter user name.
Password	Enter the password.
Domain	Enter the SIP server domain.
Port No.	5060
Expiration Date	60

VoIP Account Settings

Figure 7-17 VOIP Account Settings

 Note
Up to 32 characters are allowed in the user name.

Zone and Alarm Settings

Zone Settings

You can set the zone type, alarm type and delay time and other parameters of 2 zones.

Before You Start
Tap **Settings → ⌂** to enable **Alarm**.

Steps

 Note
Arming status page and zone settings page are hidden by default. You should enable alarm function first.

1. Tap **Settings → ⌂ → Zone Settings** to enter the zone settings page.
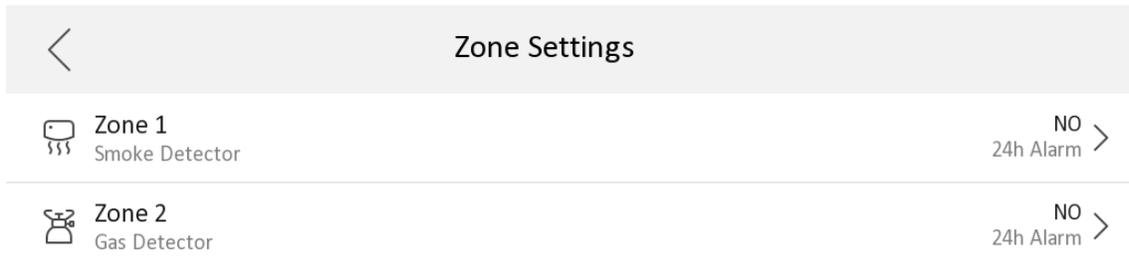
Figure 7-18 Zone Settings

2. Press a zone to pop up the zone editing dialogue box.

3. Set the zone type, alarm type, status of arming status, entering delay, and exiting delay.

4. Tap **OK** to save the settings.

Note

- 2 zone types are selectable: Smoke Detector and Gas Detector.
- For Gas Detector and Smoke Detector, the alarm type is set as default 24h alarm. The alarm type of them can not be changed.

Arming Mode Settings

4 arming modes can be configured: stay mode, away mode, sleeping mode and custom mode.

Before You Start
Tap **Settings → 🔶 → Shortcut Settings** to enable **Alarm**.

Steps

Note

On the home page, the arming status function and zone settings function are hidden by default. You should enable the alarm function first.

1. Back to the home page, tap **Settings → 🔶 → Scene Settings** to enter the arming mode settings page.

2. Tap **Stay Mode**, **Away Mode**, **Sleeping Mode**, or **Custom** to enter the page.

3. Arm the selected zone.

⌊i⌋Note

- Zones are configurable on the arming mode page.
- Smoke detector zone and gas detector zone will be triggered even if they are disabled.

7.1.3 Password Settings

Modify Admin Password

You can reset admin password via reserved email or security questions.

If you only set the email address or security questions, the admin password can be reset via the method you choose by default.

If you set both the email address and security questions, you can choose either method to reset the admin password.

Change by Email

You can change admin password via email.

Before You Start

- The function of the device varies according to different models. Refers to the actual device for detailed information.
- You need to set a reserved email address at the wizard or tap **Settings → ☰ → Configuration → ☼ → Security Settings → Email Address** to set or change the reserved email address.

⌊i⌋Note

Admin password is required to enter the configuration page.

Steps

1. Tap **Settings → ☰ → Configuration** .

2. Tap **Forgot Password** at the pop up window.

3. Change your admin password via reserved email address.

⌊i⌋Note

Make sure the device has added to the Hik-Connect account.

1) Download Hik-Connect app.

2) Go to **More → Reset Device Password** .

3) Scan the QR code on the device and a verification code will be popped up.

4) Enter the verification code on the device page.

5) Tap **OK**.

4. Create a new password and confirm it.

5. Tap **OK**.

Change by Security Question

You can change admin password via security questions.

Before You Start

You need to security questions at the wizard or tap **Settings** → ▤ → **Configuration** → ◈ → **Security Settings** → **Security Question** to set or change the answers to the questions.

ⓘ**Note**

Admin password is required to enter the configuration page.

Steps

1. Tap **Settings** → ▤ → **Configuration** .

2. Tap **Forgot Password** at the pop up window.

3. Answer the security questions.

4. Tap **OK**.

Modify Arm/Disarm Password

You can create and edit the arm/disarm password of the indoor station.

Steps

1. Tap **Settings** → ⚙ → **Password** to enter the settings page.

2. Tap **Arm/Disarm Password**. Create the indoor station's arm/disarm password. You should enter the arm/disarm password to enable or disable the function.

3. When you slide to disable **Scene Password**, there is no needs to enter password during scene mode switching.

Modify Unlock/Duress Code

You can create and edit the duress code and unlock password of the indoor station.

Steps

1. Tap **Settings** → ▤ → **Configuration** , and enter admin (activation) password.

2. Tap ◉ → **Password** to enter the password settings page.

3. Tap **Unlock Password** or **Duress Code** to pop up the password settings dialog box.

Unlock Password

Create the indoor station's unlock password. If the device has connected to a lock, enter the password to unlock.

Duress Code

> When you are hijacked and forced to open the door, you can enter the duress code. An alarm will be triggered to notify the management center secretly.

⌐i⌐**Note**

The duress code and the unlock password cannot be the same.

4. Create a new password and confirm it.

5. Tap **OK** to save the settings.

Modify SIP Password

You can change the SIP password.

Steps

1. Tap **Settings →** 🟧 **→ Configuration** , and enter admin (activation) password.

2. Tap 🟧 **→ SIP Settings** to enter the page.

3. Tap **Registration Password** to pop up the SIP registration password settings dialog box.

4. Create a new password and confirm it.

5. Tap **OK** to save the settings.

7.1.4 Synchronize Time

Steps

1. Tap **Settings →** 🟧 **→ Time and Date** to enter the time synchronization page.

2. Tap **Date Format** and **Time Format** to set the time format.

3. Optional: Tap **Time** to set time manually.

4. Tap **Sync Time**.
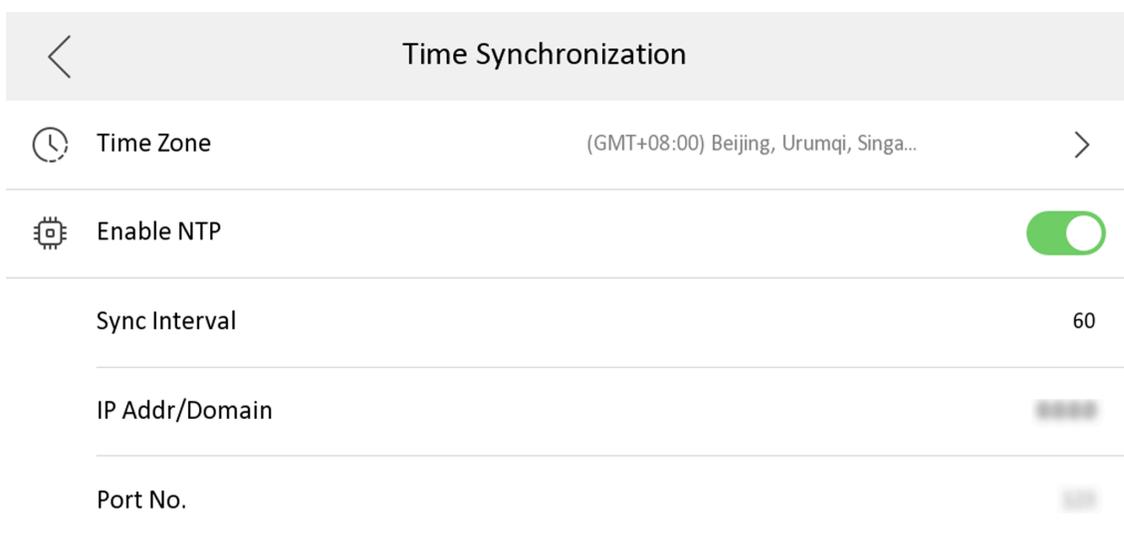
Figure 7-19 Time Synchronization

1) Select the **Time Zone**.
2) Enable **Enable NTP**.
3) Set the synchronizing interval, enter the IP address/domain of NTP server and port No.

📖**i**Note

- The default unit of synchronizing interval is minute.
- The time zone can be configured as well if the NTP is not enabled.
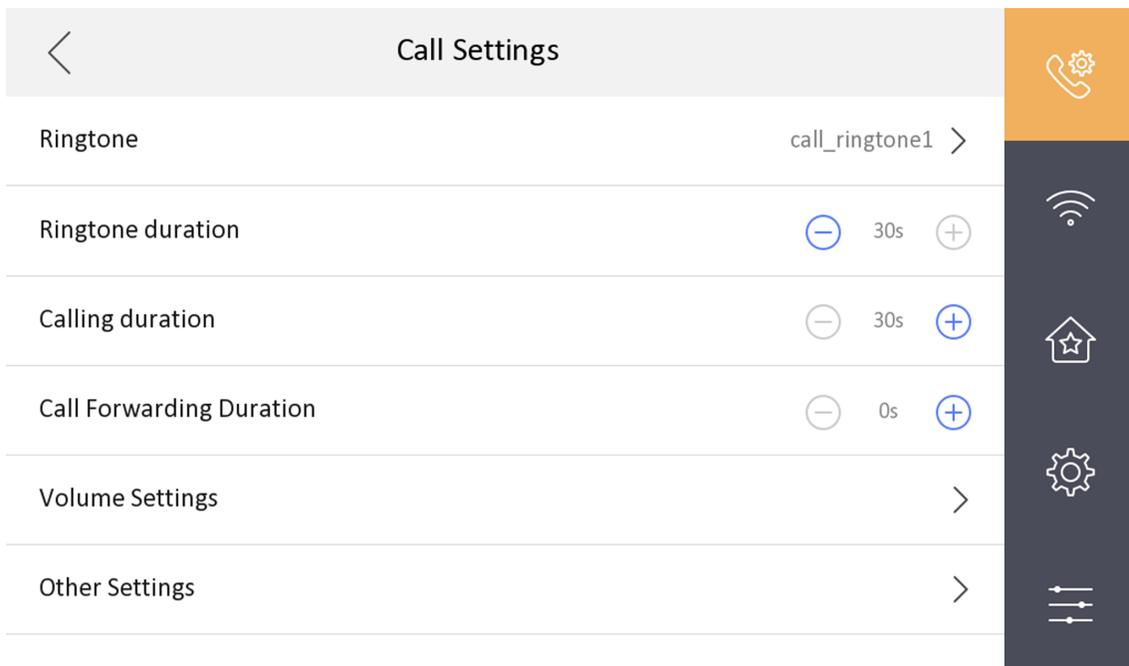
7.1.5 Sound Settings

Set the ringtone sound, the volume, and the auto answer.

Call Settings

You can set the ringtone, ring duration, call forwarding time on call settings page.

Steps

1. Tap **Settings →** 📞 to enter the call settings page.

Figure 7-20 Call Settings

2. Set corresponding parameters.

Ringtone

There are 3 ringtones by default, and you can custom and import at most 4 ringtones via Batch Configuration Tool or iVMS-4200 Client Software.

Ringtone Duration: The maximum duration of indoor station when it is called without being accepted. Ringtone duration ranges from 30 s to 60 s.

Calling Duration

The call will end automatically when the actual calling duration is longer than the configured one. Calling duration ranges from 30 s to 60 s.

Call Forwarding Duration

The ring duration limit beyond which the call is automatically forwarded to the mobile phone designated by the resident. Call forwarding ranges from 0 s to 20 s.

Other Settings

You can set the Do Not Disturb and Auto-answer functions.

Auto-answer

Enable **Auto-answer**. After enabling, the call from door station/villa door station will be answered by the indoor station automatically. The caller from door station/villa door station can leave voice messages. After the message is left, you can check it from **Message** on the main page of the device.
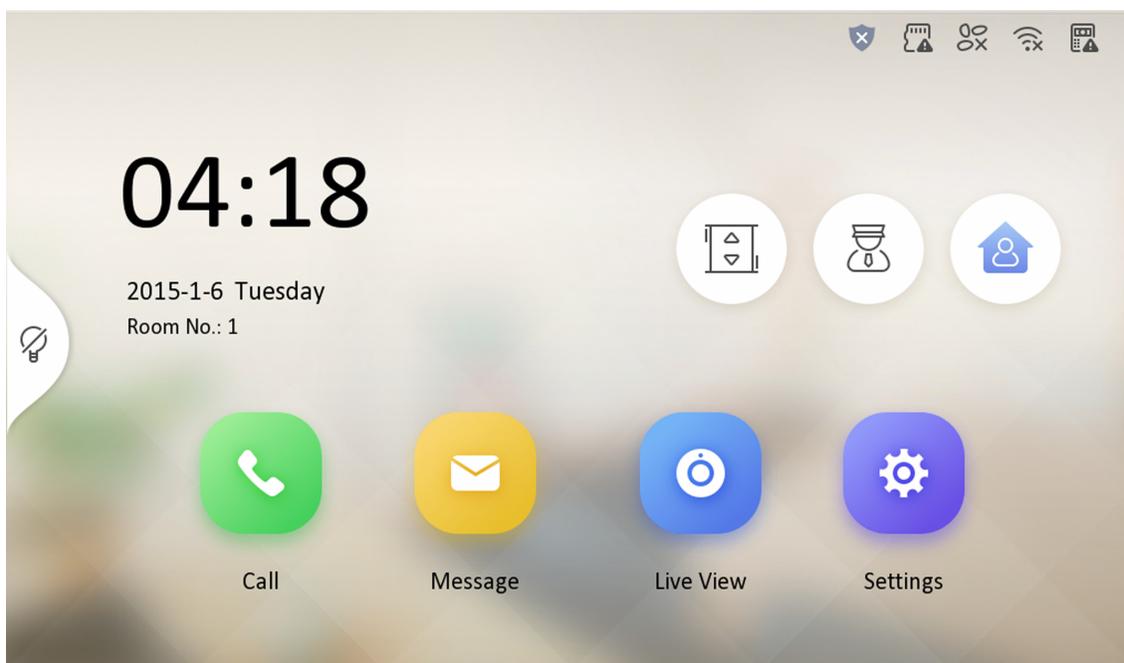
Figure 7-21 Main Page

> **Note**
>
> Before enabling **Auto-answer**, the function of **Leave Message** needs to be enabled. Tap **Settings → 🏠 →** to enter the shortcut settings page. Eanble **Leave Message** and go back to calling settings page to enable **Auto-answer**.

Do Not Disturb Device

Select **All** and all devices will not disturb this device. Select **Indoor Station** and all indoor station will not disturb this device.

Do Not Disturb

Set the do not disturb schedule. Select **Close** and the do not disturb function will not be enabled. Select **All Day** and this device will not be disturbed all day. Select **Schedule** and you can set the do not disturb time duration. Within the configured time, this device will not be disturbed.

> **Note**
>
> Indoor extension does not support the ring duration settings, call forwarding settings, or auto-answer function.
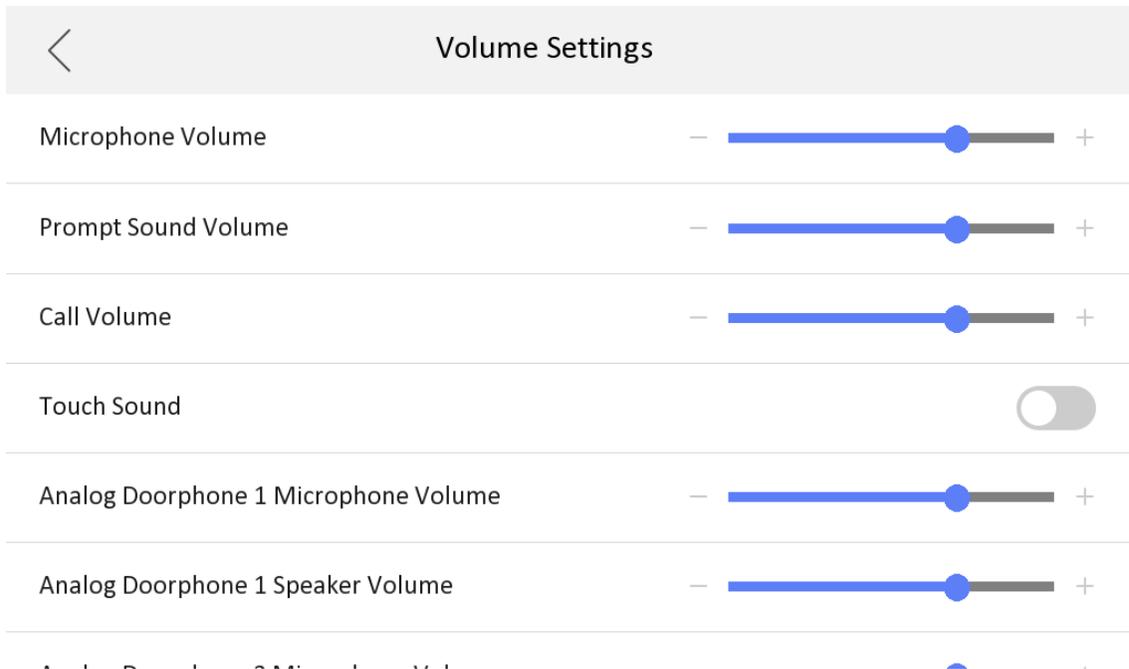
Volume Settings

Set the microphone volume, prompt sound volume, call volume, and enable touch sound.

Steps

1. Tap **Settings →** 🔊 **→ Volume Settings** to enter the volume settings page.

Volume Settings	
Microphone Volume	
Prompt Sound Volume	
Call Volume	
Touch Sound	
Analog Doorphone 1 Microphone Volume	
Analog Doorphone 1 Speaker Volume	

Figure 7-22 Volume Settings Page

2. Set the microphone volume, prompt sound volume, and the call volume of the indoor station. Set the microphone volume and speaker volume for analog doorphone.

3. **Optional:** Enable **Touch Sound** to turn on the sound when you touch device screen.

7.1.6 Link to the Mobile Client

Before You Start

📖**Note**

The function of the device varies according to different models. Refers to the actual device for detailed information.

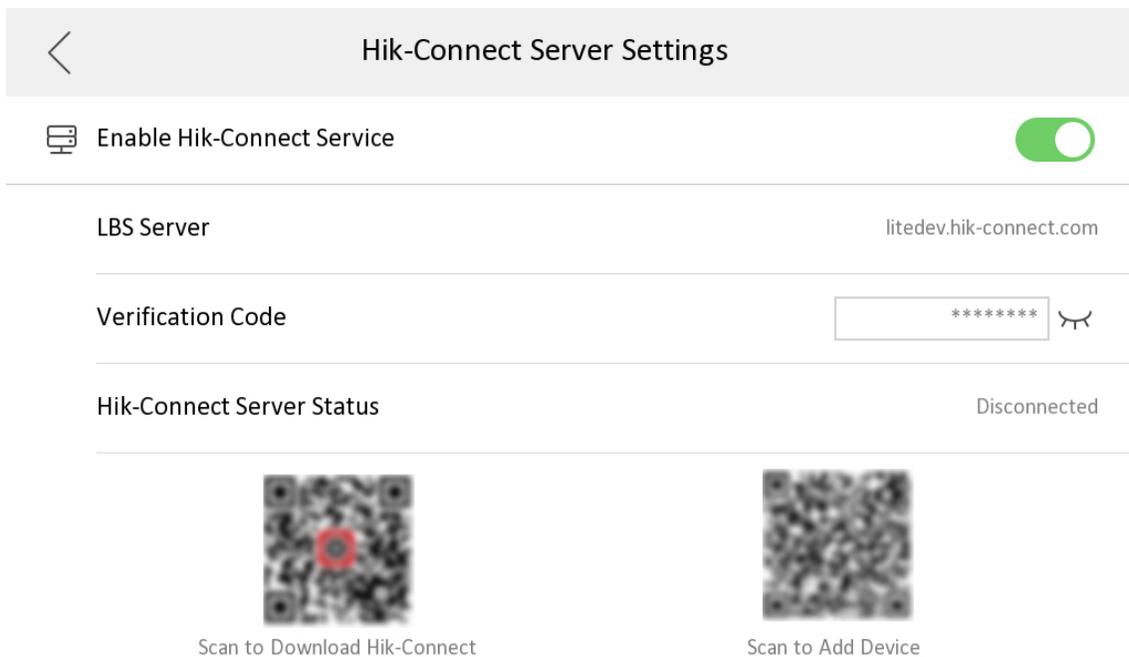**Steps**

1. Tap **Settings →** 📋 **→ Configuration →** ✦ **→ Hik-Connect Service Settings** to enter the settings page.

📖**Note**

Admin password is required to enter the configuration page.

2. Enable **Enable Hik-Connect Service**.

Figure 7-23 Enable Guarding Vision Service

3. Edit **LBS** server and **Verification Code**.

⌐i¬**Note**

Verification code is used to add the device to mobile client.

4. **Optional:** Scan the QR code on the screen.
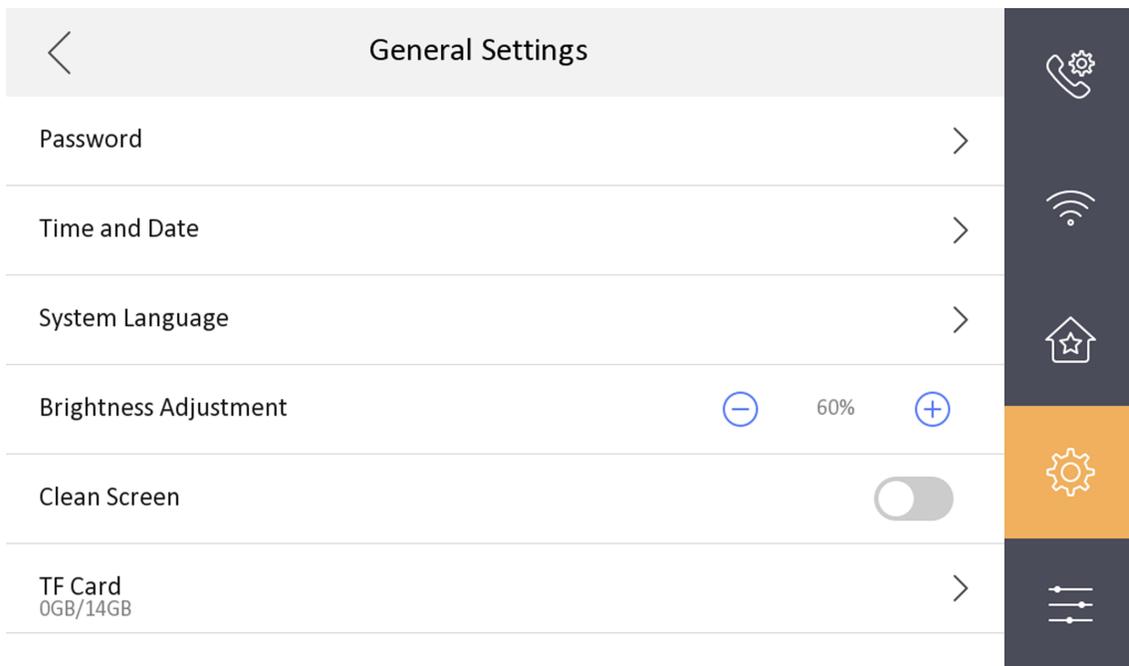
⌐i¬**Note**

- Scan the left QR code on the screen to access Hik-Connect.
- Scan the right QR code on the screen to add the device to the mobile client.

7.1.7 System Settings

General Settings

You can format or install TF card, clean the screen, set system language and adjust the screen brightness on this page.

Tap **Settings →** ⚙ to enter the general settings page.

Figure 7-24 General Settings Page

Password

You can manage your arm/disarm password and scene password. For details, see ***Modify Arm/Disarm Password***

Time and Date

You can set the displayed time and date format, current time. You can also tap **Sync Time** and enable NTP to synchronize the device time.

ⓘNote

• Make sure your device is connected with the network or the NTP function will not available.
• For details, see ***Synchronize Time*** .

System Language

Tap **System Language** to change the system language.

ⓘNote

The indoor station supports 11 languages.

Brightness Adjustment

Tap **+** or **-** to adjust the screen brightness.

Clean Screen

Enable **Clear Screen** and the screen will be locked for 30s. And you can clear the screen within the time duration.

ⓘNote

- After enabling Clear Screen function, press and hold the Unlock key to exit the clear screen mode.
- The device without unlock key will exit the clear screen mode automatically when the time is out.

TF Card

Tap **TF Card** to view the TF card and you can also format the TF card.

Maintenance

You can restore the device, upgrade system, unlink app account, set wizard, and configure security settings on the system maintenance page.

Tap **Settings → ▤ → Configuration → �ù** to enter the system maintenance page.

ⓘNote

Admin password is required to enter the configuration page.

Restore Default Settings

Tap **Restore Default Settings** to restore the default settings and reboot the system.

Restore All

Tap **Restore All** to restore all parameters and reboot the system.

Upgrade

Tap **Upgrade** to get the upgrade package online.

Unlink APP Account

Tap **Unlink APP Account** to unlink the Hik-Connect account from the platform.

ⓘNote

The function of the device varies according to different models. Refers to the actual device for detailed information.

Wizard

Tap **Wizard** and set the language, password reset method, network parameters, indoor station parameters, platform service, and related device. For details, refer to ***Quick Operation*** .

Security Settings

Tap **Security Settings** and set the email address or security questions for password reset.

Preference

You can configure zone settings, scene settings and shortcut settings on the preference page.

Tap **Settings →** 🏠 to enter the preference page.

Zone Settings

📖**Note**

Only when enable **Alarm** in the shortcut settings, can the **Zone Settings** displayed on the Preference page.

Set the zone parameters. For details, see ***Zone Settings*** .

Scene Settings

📖**Note**

Only when enable **Alarm** in the shortcut settings, can the **Scene Settings** displayed on the Preference page.

Set the scene parameters, including the stay mode, the away mode, the sleeping mode, or customize the scene. For details, see ***Arming Mode Settings*** .

Shortcut Settings

Enable call elevator, alarm, call management center, leave message or snapshot and the icon will be displayed on the home page.

You can set the leave message time and snapshot time if the two functions are enabled.

7.1.8 Output Settings

You can set and control the connected output devices via the output settings page. You can change the relay' name, and open duration. You can also set to display the relay button on the main page or not.

Steps

1. Tap **Settings →** ☰ **→ Output Settings** .

📖**Note**

- Supports up to 2 relays.
- If no relays displayed on the page, the device may not support the function.

2. Select a relay and set the parameters.

Name

You can change the relay's name.

ⓘNote

1 to 32 characters are allowed. Supports uppercase letters, lowercase letters, numerics, and special characters.

Remain Open

Enable the function, the relay remains open.

Disabled the function, and you can set the remain open duration.

ⓘNote

- By default, the function is disabled.
- 1 to 180 s are available to set.

Hide on Main Page

Enable the function and the relay button will be displayed on the main page. You can control the relay status manually on the main page.

Disabled the function and the relay button will no be displayed on the main page.

7.1.9 Device Information

View the device information, including the version, model, serial No. and open source disclaimer.

Steps

1. Tap **Settings → 📋 → Device Information** to enter the Device Information page.

2. View the device version, model, and serial No.

3. Optional: Tap **Open Source Disclaimer** to view the OSS statement.

7.2 Remote Operation via the client software

The Video Intercom module provides remote control and configuration on video intercom products via the iVMS-4200 client software.

7.2.1 Activate Device Remotely

You can only configure and operate the indoor station after creating a password for the device activation.

Before You Start

Default parameters of indoor station are as follows:

- Default IP Address: 192.0.0.64.
- Default Port No.: 8000.
- Default User Name: admin.

Steps

1. Run the client software, enter **Device Management**, check the **Online Device** area.

2. Select an inactivated device and click the **Activate**.

3. Create a password, and confirm the password.

⌊i⌉**Note**

We highly recommend you to create a strong password of your own choosing (using a minimum of 8 characters, including at least three kinds of following categories: upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you change your password regularly, especially in the high security system, changing the password monthly or weekly can better protect your product.

4. Click **OK** to activate the device.

7.2.2 Device Management

Device management includes device activation, adding device, editing device, and deleting device, and so on.

After running the iVMS-4200, video intercom devices should be added to the client software for remote configuration and management.

Add Video Intercom Devices

Steps

⌊i⌉**Note**

- You can add at most 512 indoor stations and main stations in total to the client, and add at most 16 door stations to the client.
- For video intercom devices, you are required to create the password to activate them before they can be added to the software and work properly.
- You can add online video intercom devices, and add them manually. Here take adding online video intercom devices as example.

1. Click **Maintenance and Management → Device Management** to enter the device management page.

2. Click the **Device** tap.

3. Click **Add** to add the device to the client.

Figure 7-25 Add the Device

4. **Optional:** Click **Online Device**, the active online devices in the same local subnet with the client software will be displayed on the **Online Device** area.

---

[i] **Note**

To add online devices to the software, you are required to change the device IP address to the same subnet with your computer first.

---

1) You can click **Refresh Every 60s** to refresh the information of the online devices.
2) Select the devices to be added from the list.
3) Click **Add to Client** to add the device to the client.

5. Input the required information.

   Nickname

   Edit a name for the device as you want.

   Address

   Input the device's IP address. The IP address of the device is obtained automatically in this adding mode.

   Port

   Input the device port No. The default value is 8000.

   User Name

   Input the device user name. By default, the user name is admin.

   Password

   Input the device password.

6. **Optional:** You can check the checkbox **Export to Group** to create a group by the device name. All the channels of the device will be imported to the corresponding group by default.

   The client also provides a method to add the offline devices. Check the checkbox **Add Offline Device**, input the required information and the device channel number and alarm input number, and then click **Add**. When the offline device comes online, the software will connect it automatically.

---

[i] **Note**

- Add Multiple Online Devices: If you want to add multiple online devices to the client software, click and hold **Ctrl** key to select multiple devices, and click **Add to Client** to open the device adding dialog box. In the pop-up message box, enter the user name and password for the devices to be added.
- Add All the Online Devices: If you want to add all the online devices to the client software, click **Add All** and click **OK** in the pop-up message box. Then enter the user name and password for the devices to be added.

Modify Network Information

Select the device from the device list, click [✎] , and then you can modify the network information of the selected device.

⌷**Note**

You should enter the admin password of the device in the **Password** field of the pop-up window to modify the parameters.

7.2.3 System Configuration

You can configure the video intercom parameters accordingly.

Steps

1. Click **Maintenance and Management → System Configuration → ACS & Video Intercom** to enter the system configuration page.
2. Enter the required information.

   Ringtone

   Click **...** and select the audio file from the local path for the ringtone of indoor station. Optionally, you can click ◀ for a testing of the audio file.

   Ringtone Duration

   Enter ringtone duration, ranging from 15 seconds to 60 seconds.

   Max. Speaking Duration with Indoor Station

   Enter the maximum duration of speaking with the indoor station, ranging from 120 seconds to 600 seconds.

   Max. Speaking Duration with Door Station

   Enter the maximum duration of speaking with the door station, ranging from 90 seconds to 120 seconds.

   Max. Speaking Duration with Access Control Device

   Enter the maximum duration of speaking with the access control device, ranging from 90 seconds to 120 seconds.
3. Click **Save** to enable the settings.
4. **Optional:** Click **Default** to restore the default parameters.

7.2.4 Remote Configuration

In the device list area, select a device and click ⚙ to enter the remote configuration page.

System

Click **System** on the remote configuration page to display the device information: Device Information, General, Time, System Maintenance, User, and RS-485.

Device Information

Click Device Information to enter device basic information page. You can view basic information (the device type, and serial No.), and version information of the device.
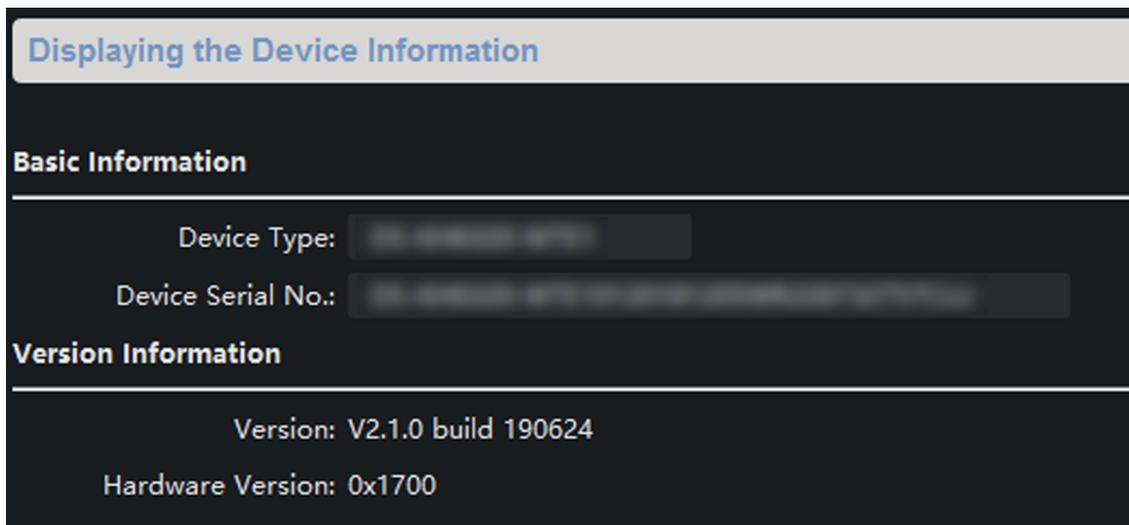

Figure 7-26 Device Information

General

Click **General** to enter device general parameters settings page. You can view and edit the device name and device ID.
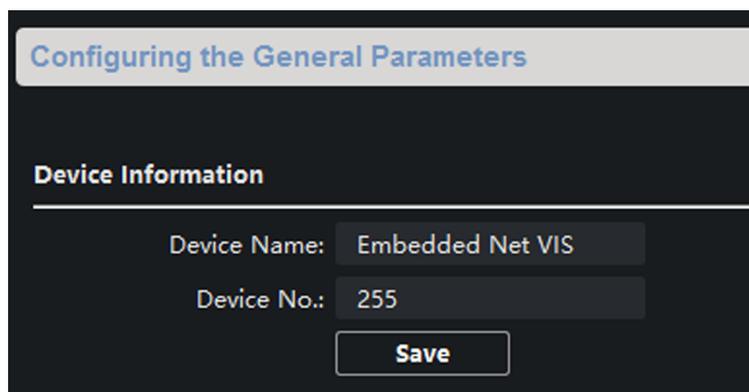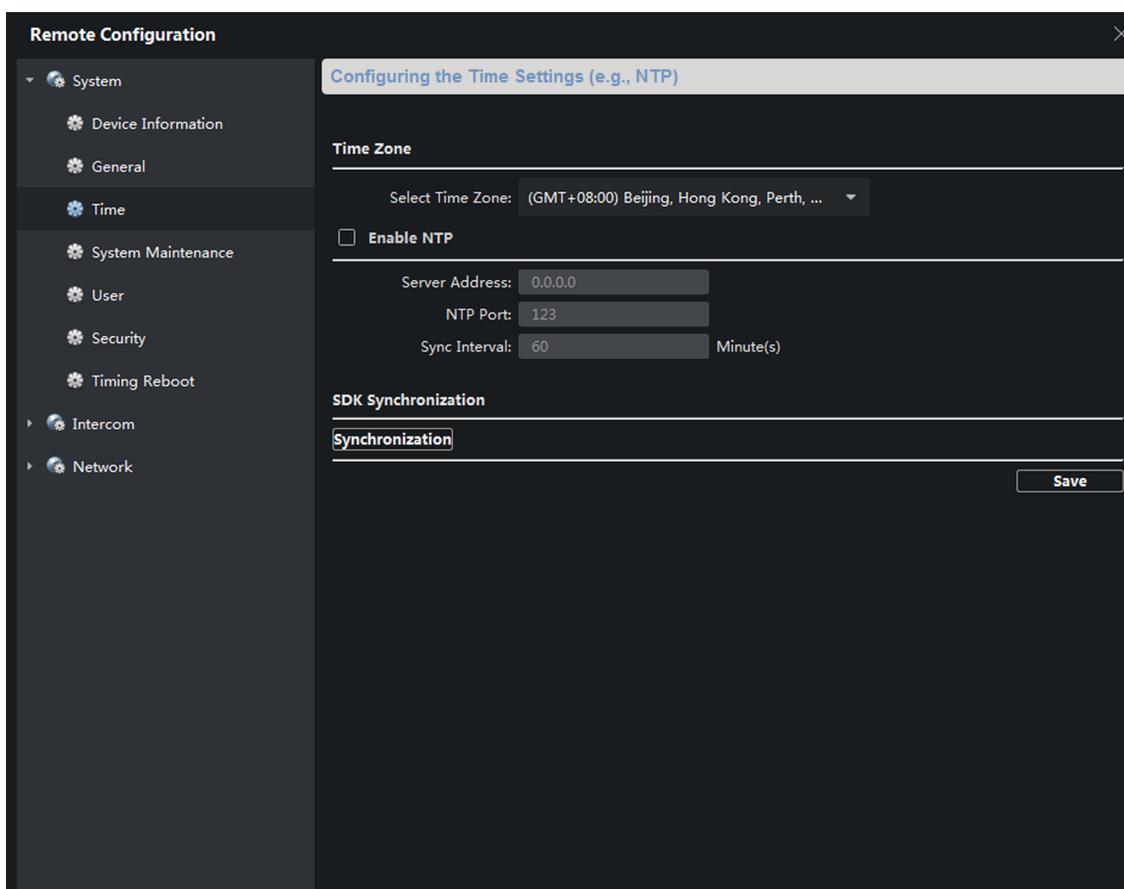

Figure 7-27 General

Time

Click **Time** to enter the device time settings page.

Figure 7-28 Synchronize Time

Select **Time Zone** or **Enable NTP**. Click **Save** to save the time settings.

- Time Zone
  - ∘ Select a time zone from the drop-down list menu.
  - ∘ Click **Synchronization**.
- NTP
  - ∘ Check the checkbox of Enable NTP to enable NTP.
  - ∘ Enter the server address, NTP port, and synchronization interval.
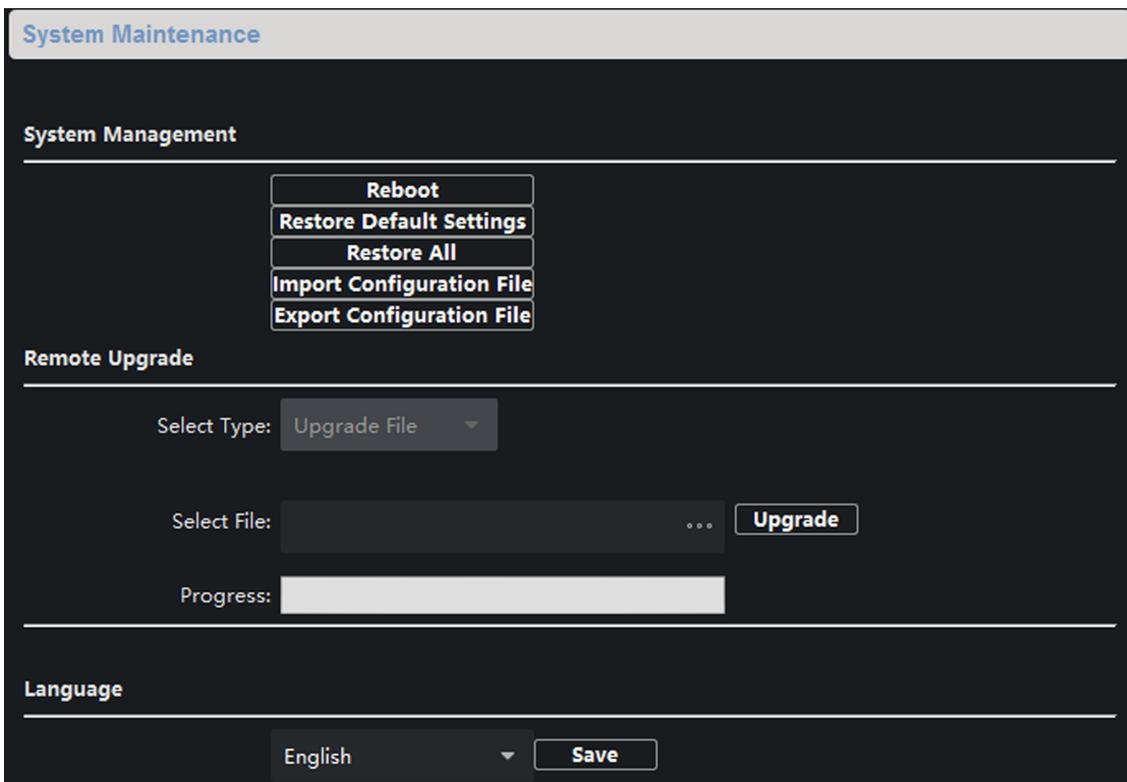
📖**Note**

The default port No. is 123.

System Maintenance

Click **System Maintenance** to enter the page.

Figure 7-29 System Maintenance

- Click **Reboot** and the system reboot dialog box pops up. Click **Yes** to reboot the system.
- Click **Restore Default Settings** to restore the default parameters.
- Click **Restore All** to restore all parameters of device and reset the device to inactive status.

ⓘNote

- Click **Restore Default Settings**, all default settings, excluding network parameters, will be restored.
- Click **Restore All**, all default settings, including network parameters, will be restored. The device will be reset to inactivated status.

- Click **Import Configuration File** and the import file window pops up. Select the path of remote configuration files. Click **Open** to import the remote configuration file. The configuration file is imported and the device will reboot automatically.
- Click **Export Configuration File** and the export file window pops up. Select the saving path of remote configuration files and click **Save** to export the configuration file.
- Click **...** to select the upgrade file and click **Upgrade** to remote upgrade the device. The process of remote upgrade will be displayed in the process bar.
- Select a language, and click **Save** to change the device system language.
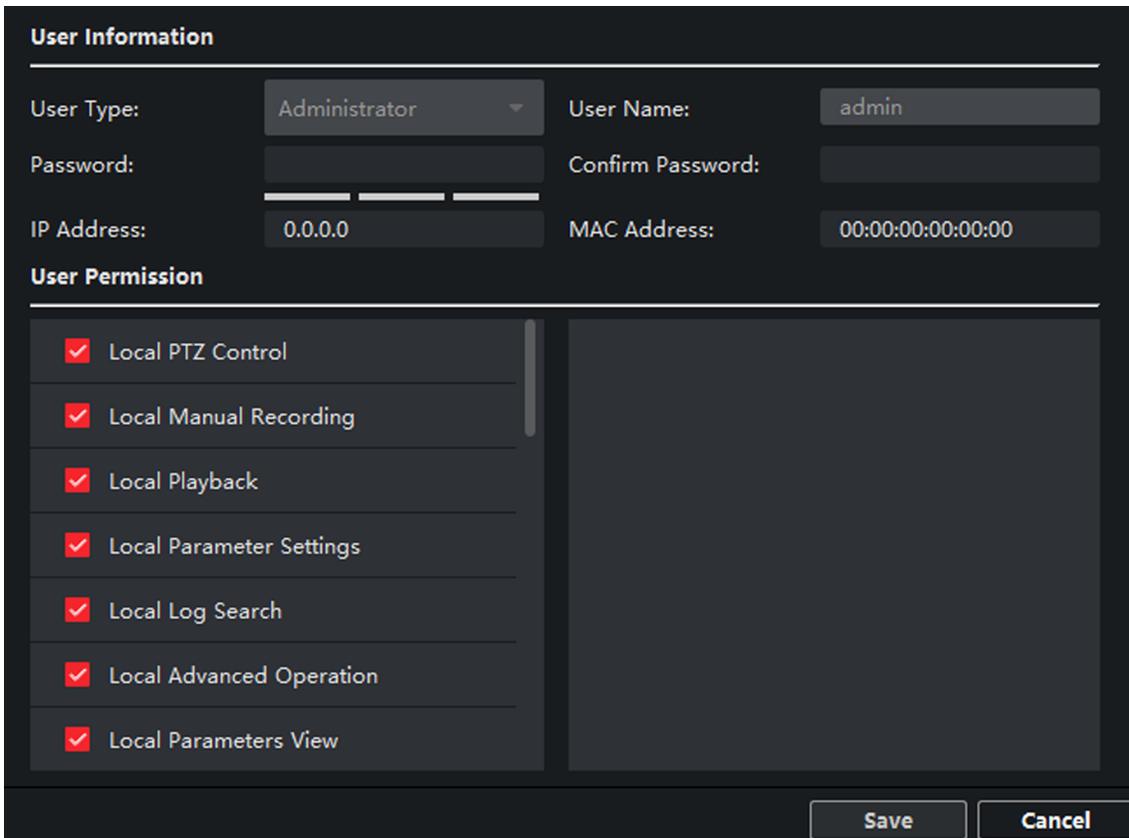
---

i Note

- The device supports 11 languages: English, Russian, German, Italian, French, Portuguese, Spanish, Turkish, Arabic, Polish, and Vietnamese.
- Rebooting the device is required after you change the system language.

User

Click **User** to enter the user information editing page.

Select the user to edit and click **Modify** to enter the user parameter page.
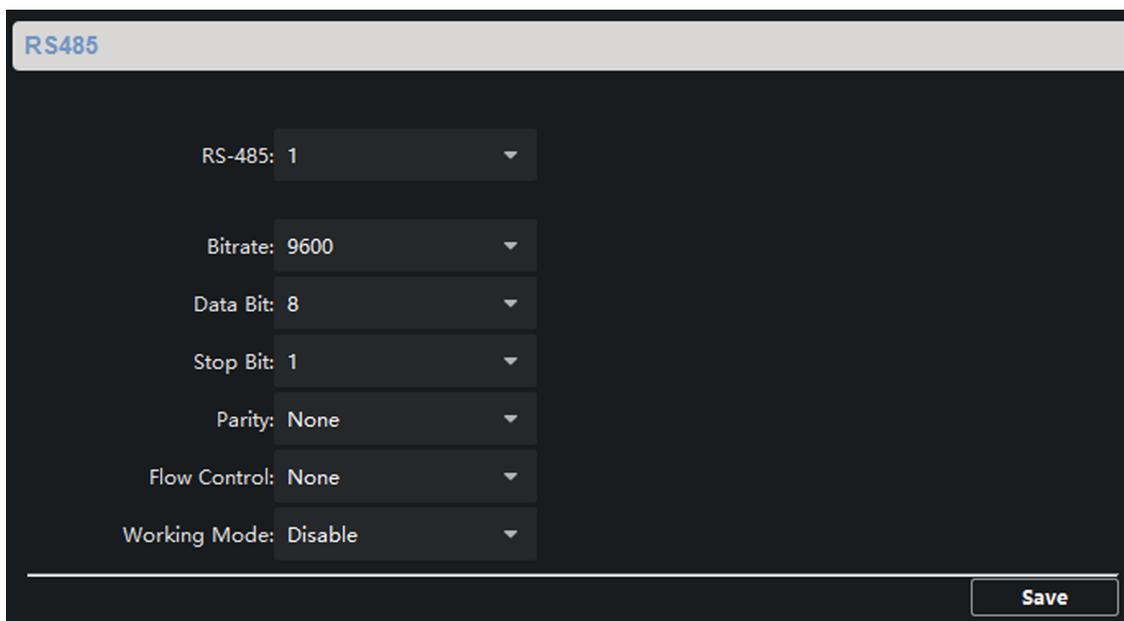

Figure 7-30 User Page

---

i Note

- The new password and confirm password should be identical.
- After editing the password of device, click refresh button from the device list, the added device will not be there. You should add the device again with new password to operate the remote configuration.

RS-485

Click **RS485** to enter the RS-485 settings page. You can view and edit the RS-485 parameters of the device.

Figure 7-31 RS-485 Settings

ⓘ**Note**

For indoor station and main station, there are 3 choices for the working mode: transparent channel, disable, and custom.

Video Intercom

Click **Video Intercom** on the remote configuration page to enter the video intercom parameters settings: Time Parameters, Password, Zone Configuration, IP Camera Information, Volume Input and Output Configuration, Ring, Arming Information, Calling Linkage, Relay, and SIP No.

Time Parameters

Steps
1. Click **Time Parameters** to enter time parameters settings page.

Figure 7-32 Time Parameters

2. Configure the calling duration, live view duration, call forwarding time, and the ringtone duration.
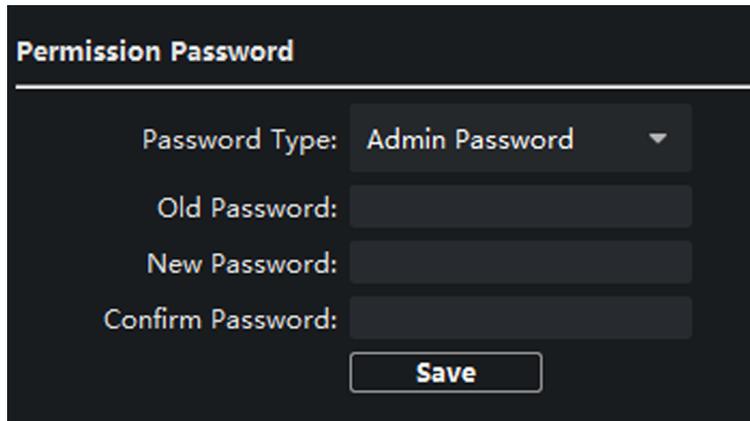3. Click **Save**.

> ⓘ**Note**
> - Calling duration is the maximum duration of indoor station when it is called without being received. The range of maximum ring duration varies from 30s to 60s.
> - Live view duration is the maximum time of playing live view of the indoor station. The range of maximum live view time varies from 10s to 60s.
> - Call forwarding refers to the ring duration limit beyond which the call is automatically forwarded to the mobile phone designated by the resident. The range of call forwarding time varies from 0s to 20s.
> - For indoor extension, it only requires setting the maximum live view time.

Permission Password

Click **Permission Password** to enter password changing page.

Figure 7-33 Permission Password

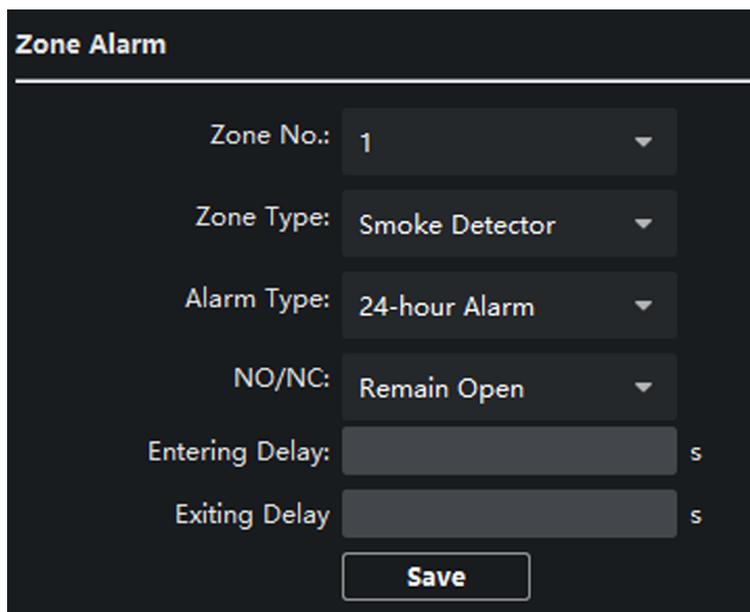For indoor station, you can change the admin password, arm/disarm password, unlock password and duress code.

For indoor extension, only admin password and arm/disarm password need to be configured.

Zone Alarm

Steps
1. Click **Zone Alarm** to enter the zone settings page.

Figure 7-34 Zone Alarm

2. Select a zone type from the drop-down list menu.
3. Select an alarm mode from the drop-down list menu.

4. Set the zone status: NO or NC.

5. Set the entering delay, and exiting delay.

6. Select triggers.

7. Click **Save** to enable zone settings.

ⓘ**Note**

- 7 zone types are supported: Emergency Switch, Door Magnetic Switch, Smoke Detector, Active IR Detector, Passive IR Detector, Combustible Gas Detector, and DoorBell Switch.
- 3 types of alarm mode are supported: Instant Alarm, 24H Alarm, and Delay Alarm.
- When the zone type is set to be Instant Alarm, only under arming mode, the indoor station will receive alarm message when the detector is triggered. Under disarming mode, it will not receive alarm message when the detector is triggered.
- When the zone type is set to be 24H Alarm, the indoor station will receive alarm message when the detector is triggered no matter it is under arming mode or disarming mode.
- When the zone type is set to be Delay Alarm, only under arming mode, the indoor station will receive alarm message when the detector is triggered. Under disarming mode, it will not receive alarm message when the detector is triggered.
- After setting enter delay time, if OK is pressed within the enter delay time after the alarm, the alarm event will not be uploaded to the management center; if OK is not pressed within the enter delay time after the alarm, the alarm event will be uploaded to the management center.
- The exit delay is the time between you enable the arming mode and the arming takes effect.

IP Camera Information

You can add, delete and modify cameras that can be added to the video intercom products, with two ways of getting stream: direct or URL. By exporting and importing the added device information, you can edit added devices parameters in batch.

Add Camera

Steps

1. Click **IP Camera Information** to enter IP camera information page.
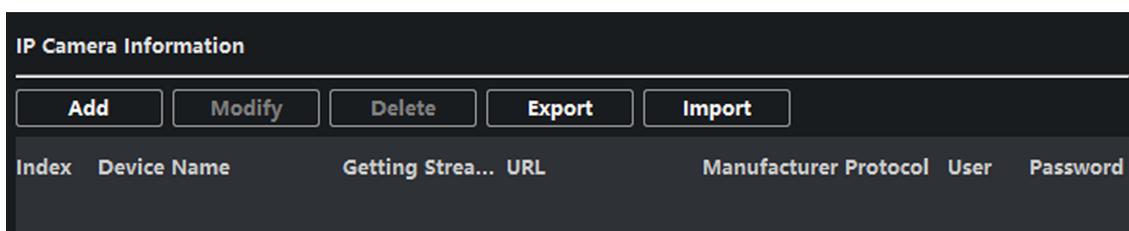
Figure 7-35 IP Camera Information

2. Click **Add** to pop up the device adding dialog box.

3. Enter corresponding information (device name, IP address, port No., user name, password, etc.), and click **OK**.

ⓘ**Note**

Indoor extension does not support this function.

Export and Import Added Device Information

Steps

1. Click **Export** to export the added device information file.
2. Edit parameters of added devices in batch in the exported file.
3. Click **Import** to pop up importing box, and open the edited added device information file.
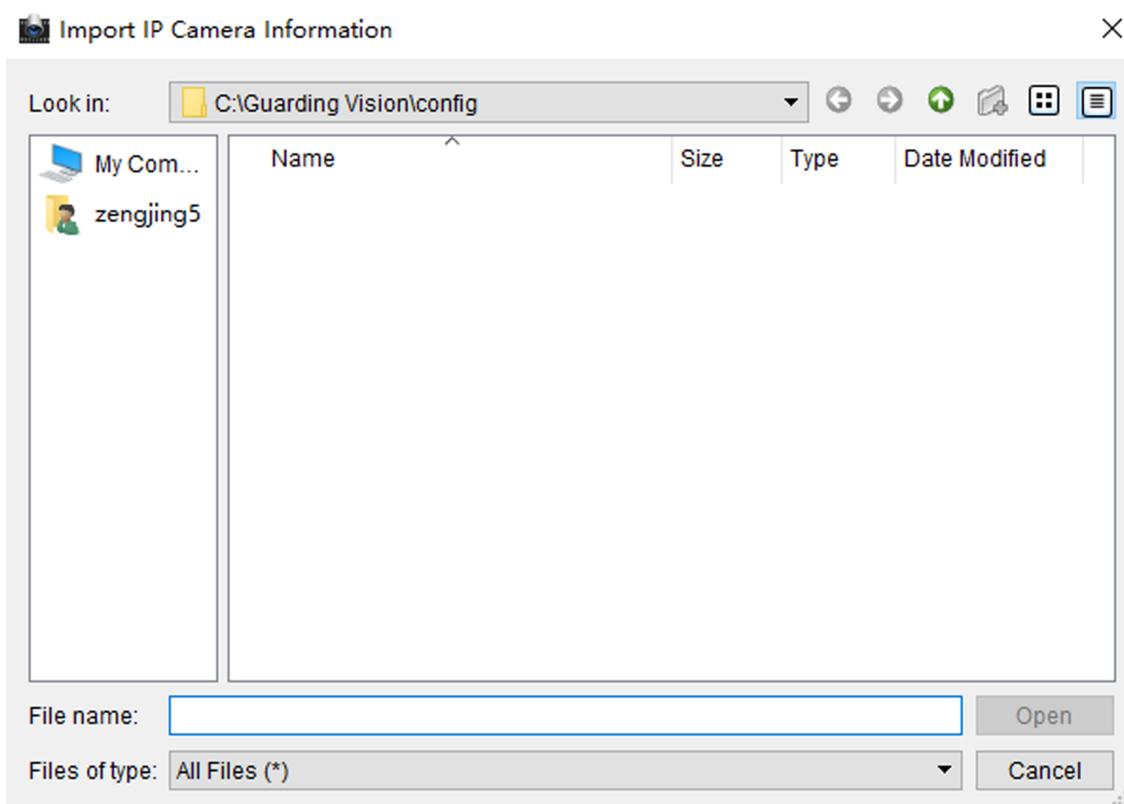
Figure 7-36 Import Added Device Information

Volume Input and Output

Steps

1. Click **Volume Input/Output** to enter the configuring the volume input or output page.
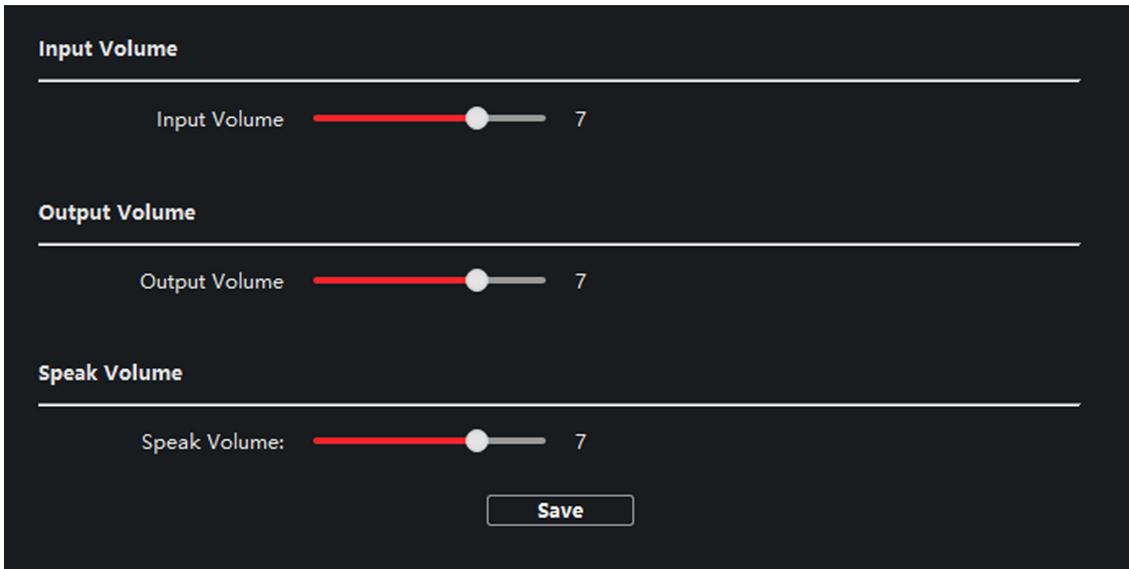
Figure 7-37 Volume Input or Output

2. Slide the slider to adjust the input volume, output volume and speak volume.

3. Click **Save** to enable the settings.

Ring Import

Steps

1. Click **Ring Import** to enter the ring configuration page.

Figure 7-38 Ring Import

2. Click **+** to add the ring, and click **x** to delete the imported ring.

Note

- The ring to be imported should be in the wav format, and the size of the ring cannot be larger than 300k.
- Up to 4 rings can be added.

Arming Information

Click **Arming Information** to enter the configuring arming informaton page and view the arming information.
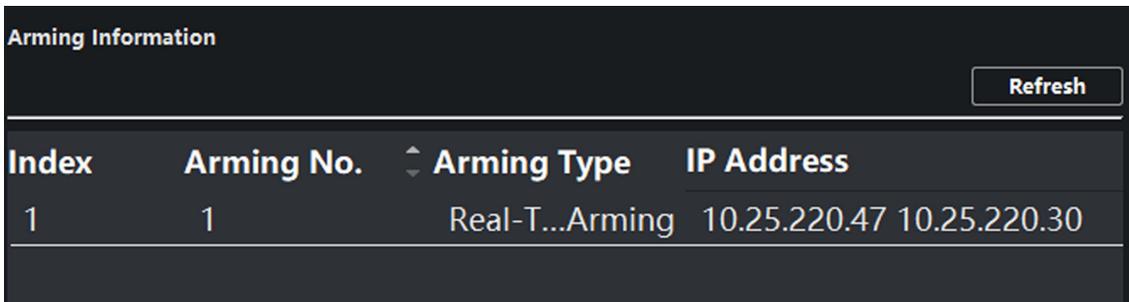
Figure 7-39 Arming Information

Click **Refresh** to refresh the arming information.

Relay

Some indoor station devices support this function.

Click **Relay** to enter the set relay parameters page.

Select a relay and click "✎" and set the relay name and output delay time. Click **Save** to enable the settings.

Click **Copy to...**, and select a relay you want to copy to. Click **Save** to enable the settings.

SIP No. Settings

Steps
1. Click **SIP No. Settings** to enter the settings page.

Figure 7-40 Extension Settings

2. Click **Add**.

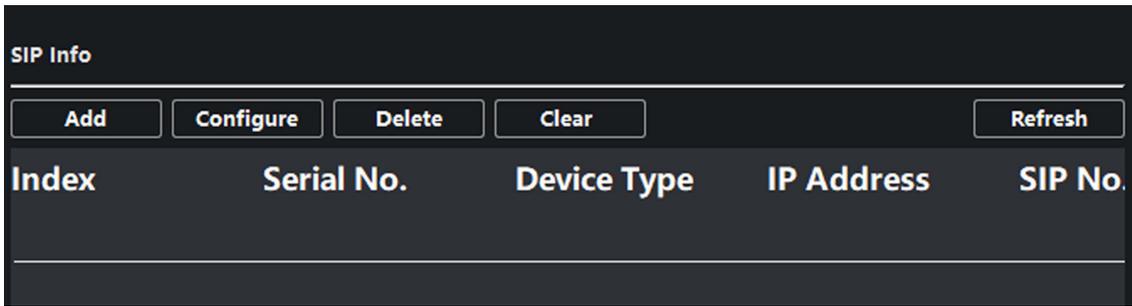**Figure 7-41 Add SIP Info**

3. Select **Device Type** as **Indoor Extension**.

4. Enter the required information.

Serial No.

Enter the device's serial No.. The serial No. is on the rear panel of the device (A fixed-length number with 9 digits).

IP Address

Enter the device's IP address.

Gateway

Enter the device's gateway.

Subnet Mask

Enter the device's subnet mask.

Password

Enter the device password, ranging from 8 to 16 characters in length.

No.

Enter the device No., ranging from 1 to 5.

5. Click **Save** to enable the settings.

6. Set SIP information.

Click Configure	Configure serial No., IP address, gateway, subnet mask, password and No. of the device.
Click Delete	Delete the SIP Number.
Click Clear	Clear all SIP numbers.
Click Refresh	Refresh SIP Information.

Network

Local Network Configuration

Steps

1. Click **Local Network Configuration** to enter the configuring the local network parameters page.
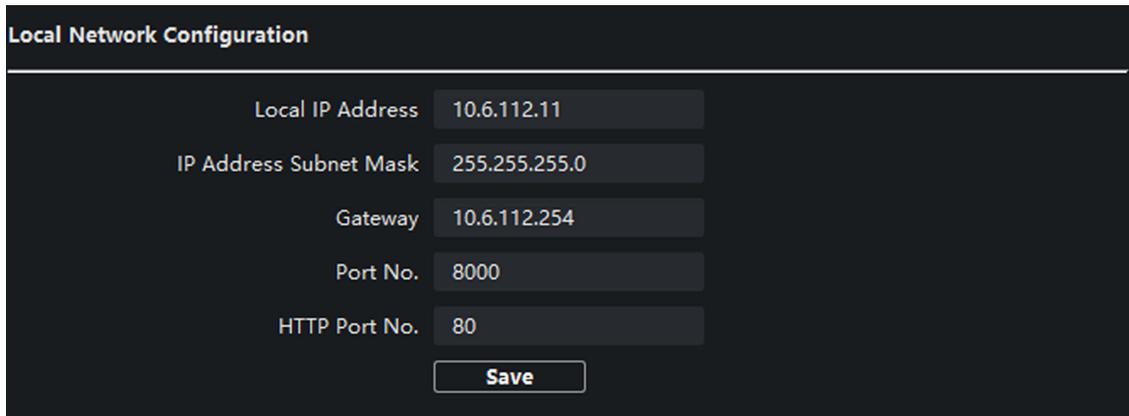
Figure 7-42 Local Network Configuration

2. Enter the **Local IP Address**, **IP Address Subnet Mask**, **Gateway**, **Port No.** and **HTTP Port No.**

3. Click **Save** to enable the settings.

> ⓘ**Note**
> - The default port No. is 8000.
> - After editing the local network parameters of device, you should add the devices to the device list again.

SIP Server Configuration

Steps

1. Click **SIP Server Configuration** to enter the configuring the SIP parameters page.

Figure 7-43 SIP Server Configuration

2. Click **Enable**.

3. Set the parameters according to your needs.

> **⌷ⁱNote**
>
> - Up to 32 characters are allowed in the Register User Name field.
> - Registration password should be 1 to 16 characters in length.
> - Up to 32 characters are allowed in the Number field.
> - The device location should contain 1 to 32 characters.
> - The registration period should be between 15 minutes to 99 minutes.

4. Click **Save** to enable the settings.

DNS Settings

The indoor station supports 2 DNS address.

Click **Advanced Settings** to enter DNS address settings page.

Edit the IP address and click **Save**.
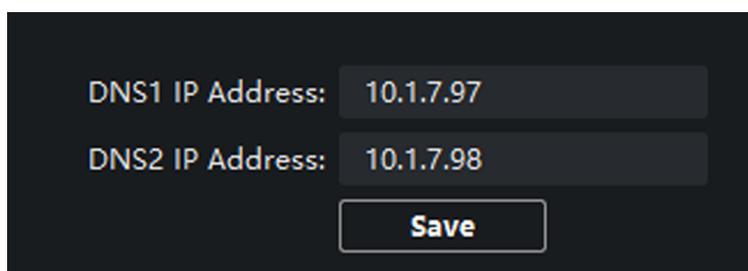
Figure 7-44 DNS Settings

Configure Mobile Client Connection

Configure **Hik-Connect** server parameters before viewing videos via mobile client.

Before You Start
Make sure the indoor station connects to the network.

Steps
1. Click **Hik-Connect** to enter the configuring the settings page.
2. Enable **Enable Hik-Connect**.

    $\boxed{i}$**Note**

    - To enable Hik-Connect service, you need to create a verification code or change the verification code.
    - The verification code should be 6 to 12 letters or numbers, case sensitive. You are recommended to use a combination of no less than 8 letters or numbers.

3. Enter the **Verification Code** and confirm the verification code.
4. Click **OK**.
5. Enable **Custom** and edit **Service Address**.
6. If you forget the verification code, you can enable **View**.
7. Click **Save** to enable the settings.
8. **Optional:** Click **Refresh** to refresh the settings.

Group Network Settings

Click **Group Network Settings** to enter the group network settings page.

Figure 7-45 Group Network Settings

Device No. Settings

Select the device type from the drop-down list, and set the corresponding information.

> **Note**
> - Device type can be set as indoor station or indoor extension.
> - When you select indoor extension as device type, the device No. can be set from 1 to 5.

Click **Save** to enable the settings.

Linked Device Network Settings

Enter **Registration Password** and set the corresponding information.

> **Note**
> - D series refers to door station, and V series refers to villa door station.
> - Registration password is the password of the SIP server.

7.2.5 Person Management

You can add, edit, and delete the organization and person in Person Management module. Organization and person management is necessary for the video intercom function.

On the main page, click **Person** to enter the page.
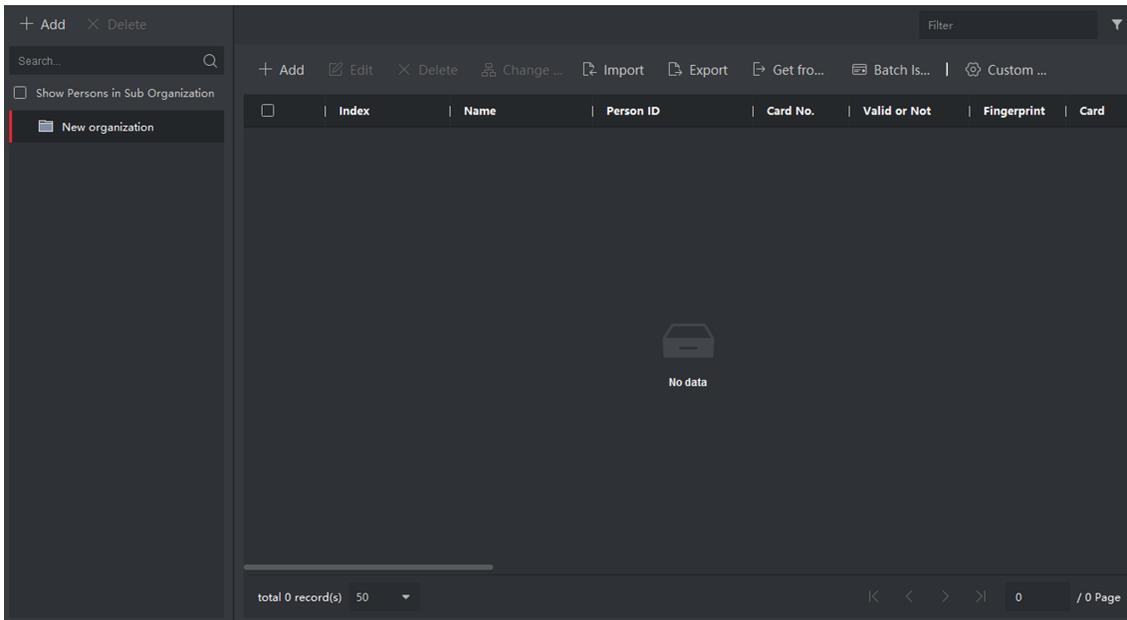
Figure 7-46 Personal Management Application

The page is divided into two parts: Organization Management and Person Management.

Organization Management	You can add, edit, or delete the organization as desired.
Person Management	After adding the organization, you can add the person to the organization and issue card to persons for further management.

Organization Management

On the main page of the Client Software, click **Person** to enter the configuration page.

Add Organization

Steps
1. In the organization list on the left, click **+Add**.
2. Input the organization name as desired.
3. You can add multiple levels of organizations according to the actual needs.
   1) You can add multiple levels of organizations according to the actual needs.
   2) Then the added organization will be the sub-organization of the upper-level organization.

---

i|**Note**

Up to 10 levels of organizations can be created.

Modify and Delete Organization

You can select the added organization and click ✎ to modify its name.

You can select an organization, and click **X** button to delete it.

---

i|**Note**

- The lower-level organizations will be deleted as well if you delete an organization.
- Make sure there is no person added under the organization, or the organization cannot be deleted.

Person Management

After adding the organization, you can add person to the organization and manage the added person such as issuing cards in batch, importing and exporting person's information in batch, etc.

---

i|**Note**

Up to 10,000 persons or cards can be added.

Add Person

Person information is necessary for the video intercom system. And when you set linked device for the person, the intercom between intercom devices can be realized.

Steps

1. Select an organization in the organization list and click **+Add** on the person panel to pop up the adding person dialog.

---

i|**Note**

The Person ID will be generated automatically and is editable.

---

2. Set basic person information.
   1) Enter basic information: name, tel, birthday details, effective period and email address.
   2) **Optional:** Click **Add Face** to upload the photo.

---

i|**Note**

The picture should be in *.jpg format.

| Click Upload | Select the person picture from the local PC to upload it to the client. |

  Click Take Phone   Take the person's photo with the PC camera.

  Click Remote Collection Take the person's photo with the collection device.

3. Issue the card for the person.
  1) Click **Credential → Card** .
  2) Click **+** to pop up the Add Card dialog.
  3) Select **Normal Card** as **Card Type**.
  4) Enter the **Card No.**
  5) Click **Read** and the card(s) will be issued to the person.

4. Add fingerprints to the person.
  1) Click **Credential → Fingerprint** .
  2) Click **+** to pop up the Add Fingerprint dialog.
  3) Select **Collection Mode**.
  4) Select **Fingerprint Recorder** or **Device**.
  5) Click **Start** to collect the fingerprint.
  6) Click **Add**.

Import and Export Person Information

The person information can be imported and exported in batch.

Steps

1. Exporting Person: You can export the added persons' information in Excel format to the local PC.
  1) After adding the person, you can click **Export Person** to pop up the following dialog.
  2) Click **...** to select the path of saving the exported Excel file.
  3) Check the checkboxes to select the person information to export.
  4) Click **OK** to start exporting.

2. Importing Person: You can import the Excel file with persons information in batch from the local PC.
  1) Click **Import Person**.
  2) You can click **Download Template for Importing Person** to download the template first.
  3) Input the person information to the downloaded template.
  4) Click **...** to select the Excel file with person information.
  5) Click **OK** to start importing.

Get Person Information from Device

If the added device has been configured with person information (including person details, fingerprint, issued card information), you can get the person information from the device and import to the client for further operation.

Steps

⌐i⌐**Note**

This function is only supported by the device the connection mothod of which is TCP/IP when adding the device.

1. In the organization list on the left, select an organization to import the persons.
2. Click **Get from Device** to pop up the dialog box.
3. The added device will be displayed.
4. Click to select the device and then click **Get** to start getting the person information from the device.

⌐i⌐**Note**

- The person information, including person details, person's fingerprint information (if configured), and the linked card (if configured), will be imported to the selected organization.
- If the person name stored in the device is empty, the person name will be filled with the issued card No. after importing to the client.

Modify and Delete Person

Select the person and click **Edit** to open the editing person dialog.

To delete the person, select a person and click **Delete** to delete it.

⌐i⌐**Note**

If a card is issued to the current person, the linkage will be invalid after the person is deleted.

Change Person to Other Organization

You can move the person to another organization if needed.

Steps
1. Select the person in the list and click **Change Organization**.
2. Select the organization to move the person to.
3. Click **OK** to save the settings.

Chapter 8 About this Manual

Get the manual and related software from or the official website (http://www.hikvision.com).

Product
Network Indoor Station

Chapter 9 Local Operation

9.1 Call Settings

9.1.1 Add Contact

Steps

1. Tap **Call** → ▦ to enter the contact list page.
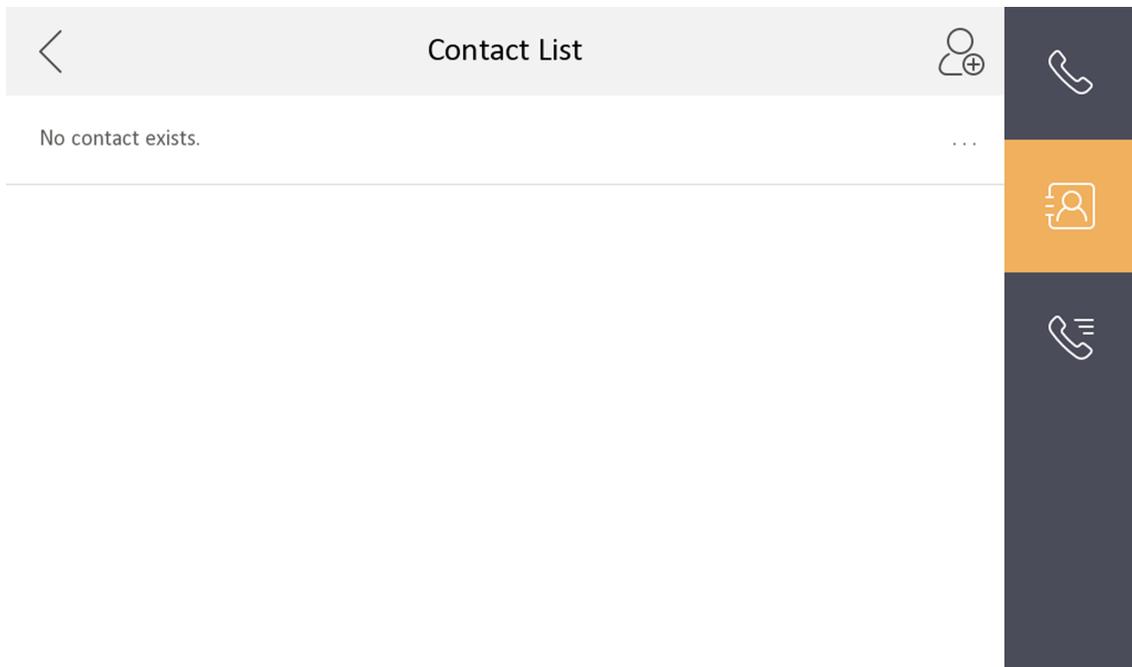
Figure 9-1 Contact List

2. Tap ⚇ to pop up the contact adding dialog.

3. Enter the contact name and the room No.

4. Tap **OK** to save the settings.

📖ℹ️**Note**

Up to 200 contacts can be added.

9.1.2 Call Resident

Steps

1. Tap **Call** → ⬛ to enter the residents calling page.
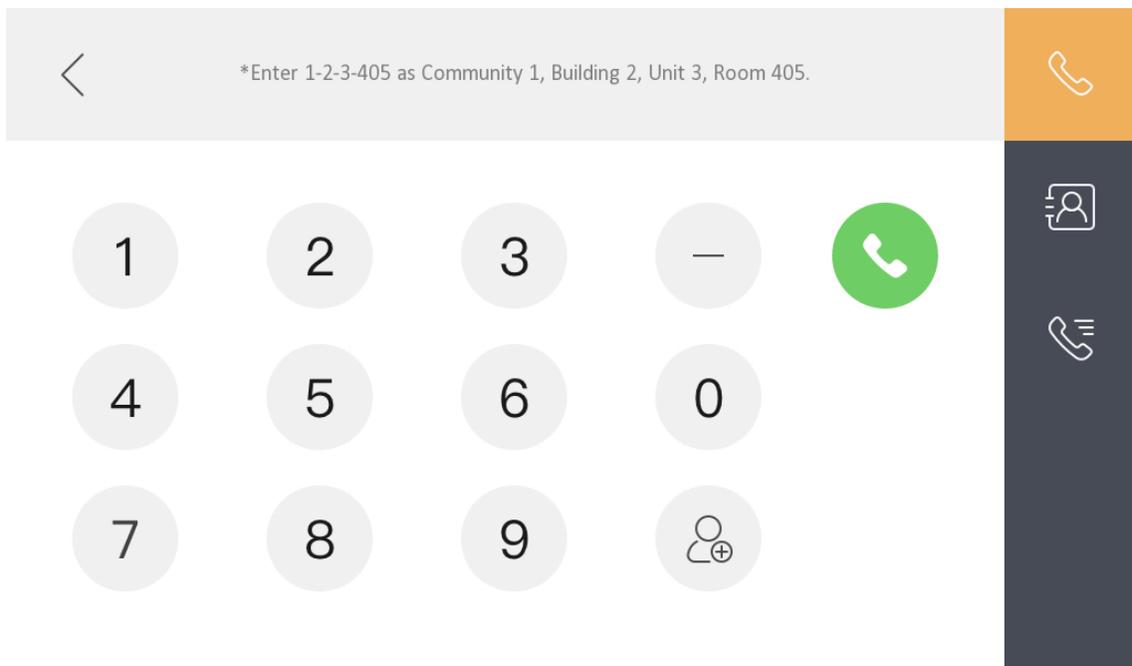
Figure 9-2 Call Resident

2. Enter the calling number.

The calling number format should be x-x-x-xxx. For example, the calling number of Community 1, Building 2, Unit 3, and Room 405 is 1-2-3-405.

⬛**Note**

The community No. can be omitted.

3. Tap the call button to start an audiovisual call.

9.1.3 Call Indoor Extension/Indoor Station

If you install indoor station and indoor extensions at home, you can call the indoor extension via your indoor station, and vice versa.

Enter 【0-indoor extension No.】 on the indoor station to start calling.

Enter 【0-0】 to call the indoor station from the indoor extension.

9.1.4 Receive Call

The indoor station and indoor extension can receive calls from the analog doorphone, the door station, the main station or iVMS-4200 Client.

On the call from door station page, there are 2 unlock buttons: Unlock 1, and Unlock 2. When you tap **Unlock 1**, the building gate will open by default, and when you tap **Unlock 2**, the door connected to the door station with the secure control door unit will open.

Tap the capture button to capture and save the live view picture when speaking with the door station.

On the call from the analog doorphone page, you can tap the unlock button to open the connected door lock and tap the capture button to capture and save the live view pictures.

Note
- The indoor extension can connect to indoor station with network cables. After connecting, the indoor extension can receive calls from devices that linked to the indoor station.
- The indoor extension can link to analog doorphones independently and receive calls from linked doorphones.

9.1.5 View Call Logs

Steps
1. Tap **Call →** to enter the call log page.
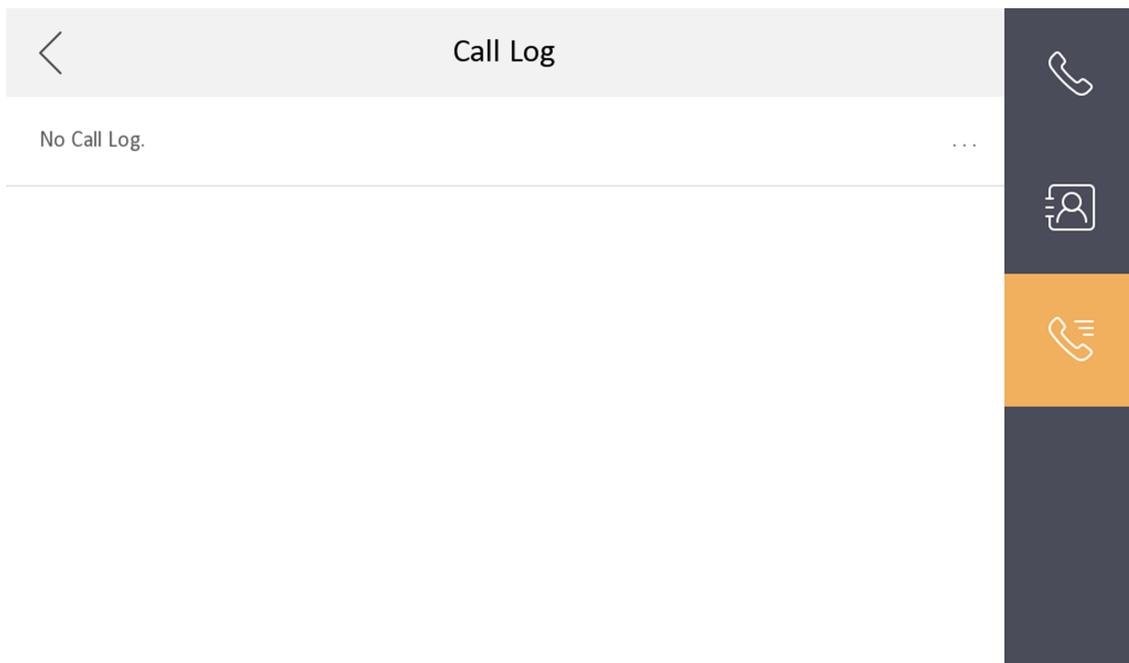
Figure 9-3 Call Logs

2. Tap a piece of call logs in the list to call back.

Note
- The indoor station saves call logs from analog doorphones, door stations, outer door stations, management center and other indoor stations.
- Hold a piece of call logs to open the call logs handling menu. Tap **Delete** to delete the piece of call logs. Tap **Clear** to delete all pieces of call logs.

9.2 Leave Message

You can set leave message, and view the messages.

Tap **Settings → 🏠 → Shortcut Settings** , and enable **Leave Message**.

Set **Leave Message Time** as **1 day**, **7 days** or **30 days**.

Tap **Message →** 💬 to view the visitor messages.

9.3 Live View

On the live view page, you can view the live video of added door station and network camera.

Steps

📖**Note**

- Make sure the network camera or door station is well-connected.
- Make sure the indoor extension and the indoor station are well-connected.
- If the main indoor station uses V2.2.4 or later firmware, and the indoor extension uses firmware earlier than V2.2.4, there will be some restriction:

  a. Indoor extension can only live view doorphone 1 and cannot live view doorphone 2. So it is better to use both indoor station and extension with same model and firmware.

  b. Indoor extension can only unlock doorphone1 and intercom function cannot be enabled in live view page.

  c. Analog doorphone and indoor extension cannot be live viewed in Hik-Connect App at the same time.

  d. When calling from analog doorphone, the main indoor station will show the real number, while the indoor extension will only show **main doorphone** in call log (in order to be compatible with the old version indoor extension) .

  e. The indoor extension supports switching IPC when video intercoming with door stations but the main indoor station does not support. (Unblockable for compatibility with old versions.)

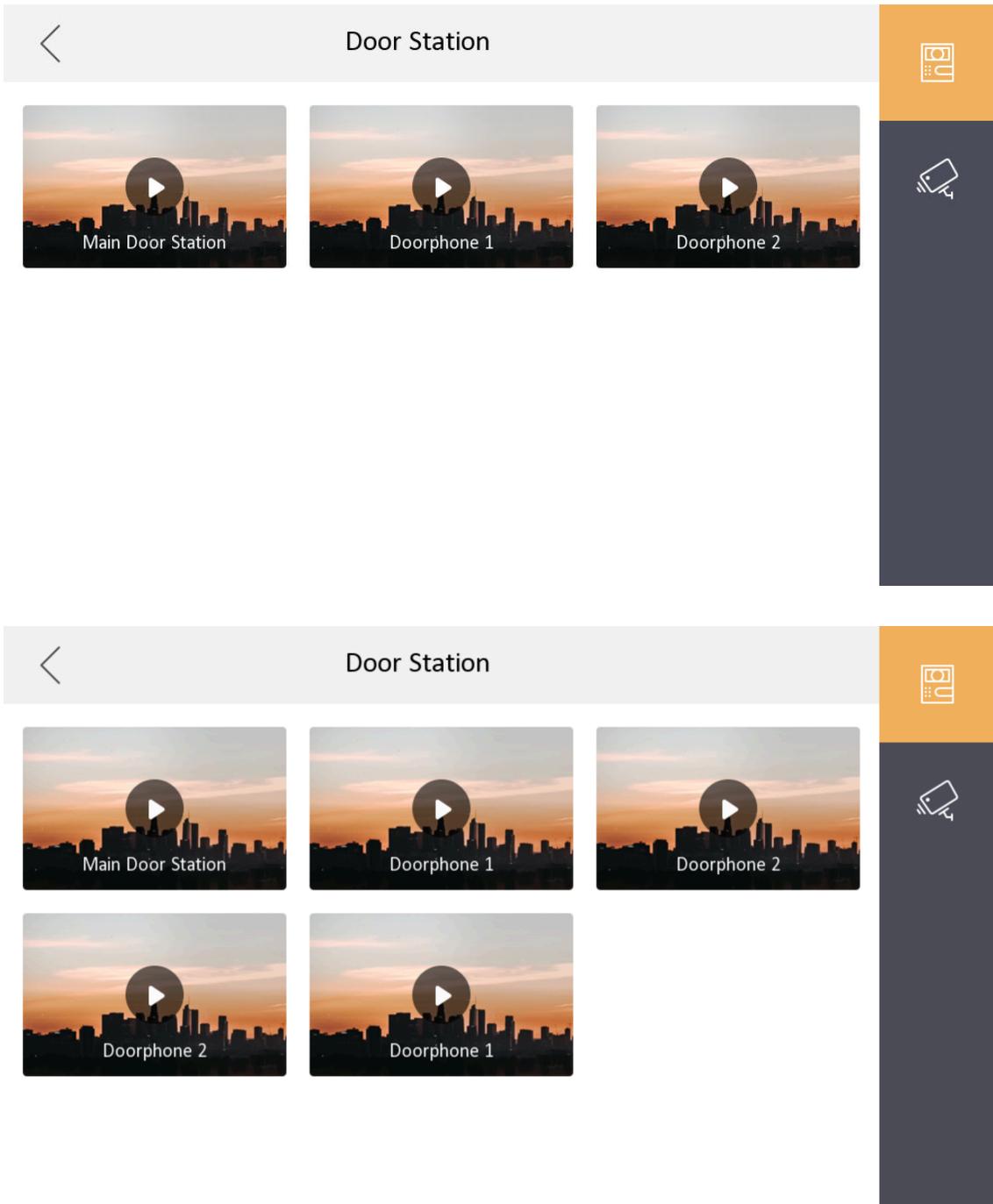**1.** Tap **Live View** to enter the live view page.

Figure 9-4 Live View

> ⓘ **Note**
> - The indoor extension can connect to indoor station with network cables. After connecting, the indoor extension can view related devices that linked to the indoor station.
> - The indoor extension can link to analog doorphones independently and view linked doorphones.

2. Tap ▤ to enter the live view page of door station.

> ⓘ **Note**
> - On the Call from Door Station page, there are 2 unlock buttons: Unlock 1, and Unlock 2. When you tap **Unlock 1**, the building gate will open by default. When you tap **Unlock 2**, the door station connected door will open.
> - On the **Call from Door Station** page, there are 1 capture button. You can tap the button to capture the picture via door station.
> - On the Call from Analog Doorphone page, there are 1 unlock button and 1 capture button. You can tap the buttons to unlock the connected door or capture pictures.

3. Tap 🔍 to enter the live view page of network cameras.

9.4 Arm/Disarm

The indoor station has four kinds of scene modes: sleeping mode, stay mode, away mode, and custom mode. You can arm or disarm your room in each scene mode manually. The selected scene mode will be displayed on the main page of the indoor station.

> ⓘ **Note**
> You should create an Arm/Disarm Password first.

9.4.1 Arm Room

Steps

> ⓘ **Note**
> Only when the Alarm shortcut function is enabled, should the call center button be displayed. For details, see the configuration guide.

1. Tap 🏠 on the home page to enter the scene page.
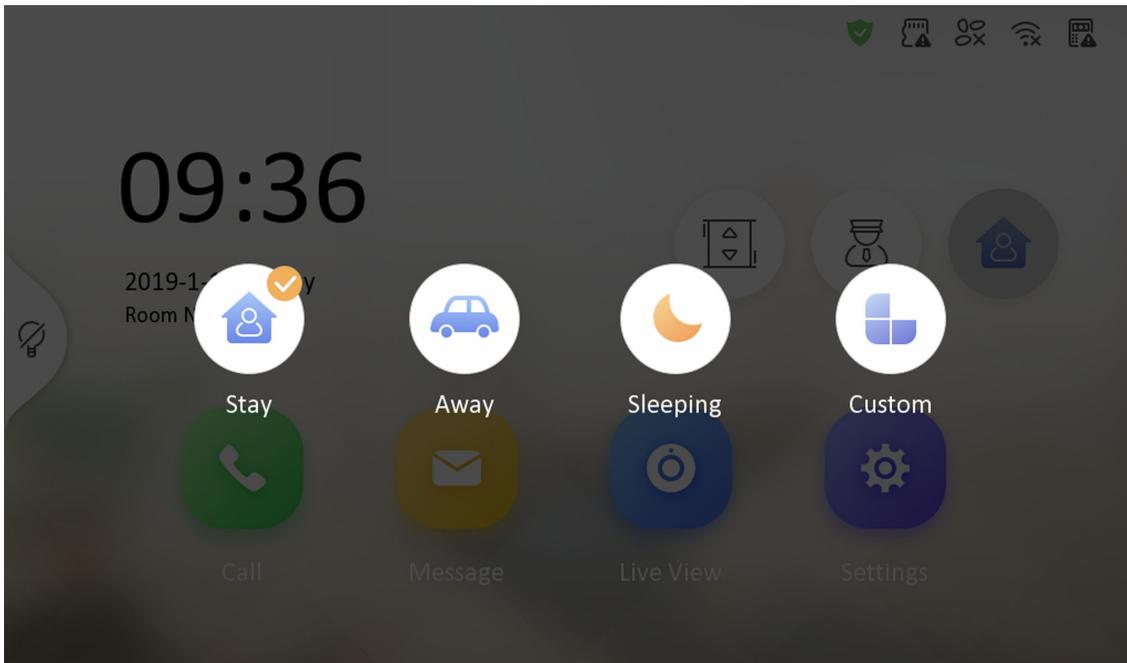
Figure 9-5 Arm Settings page

2. Select **Stay**, **Away**, **Sleeping** or **Custom**.

3. Enter the arm/disarm password to enable the scene.

> 📖ℹ**Note**
>
> You can set the arm/disarm password in the general settings. For details, see the configuration guide.

4. Tap **OK**.

> 📖ℹ**Note**
>
> You can also tap 🛡 → **One-Push to Arm** at the upper right corner of the home page to enable the scene.

9.4.2 Disarm Room

Steps

1. Tap 🛡 → **One-Push to Disarm** at the upper-right corner of the home page to disarm.

Figure 9-6 Disarm Room

2. Enter the arm/disarm password.

⌐ⁱ⌐**Note**

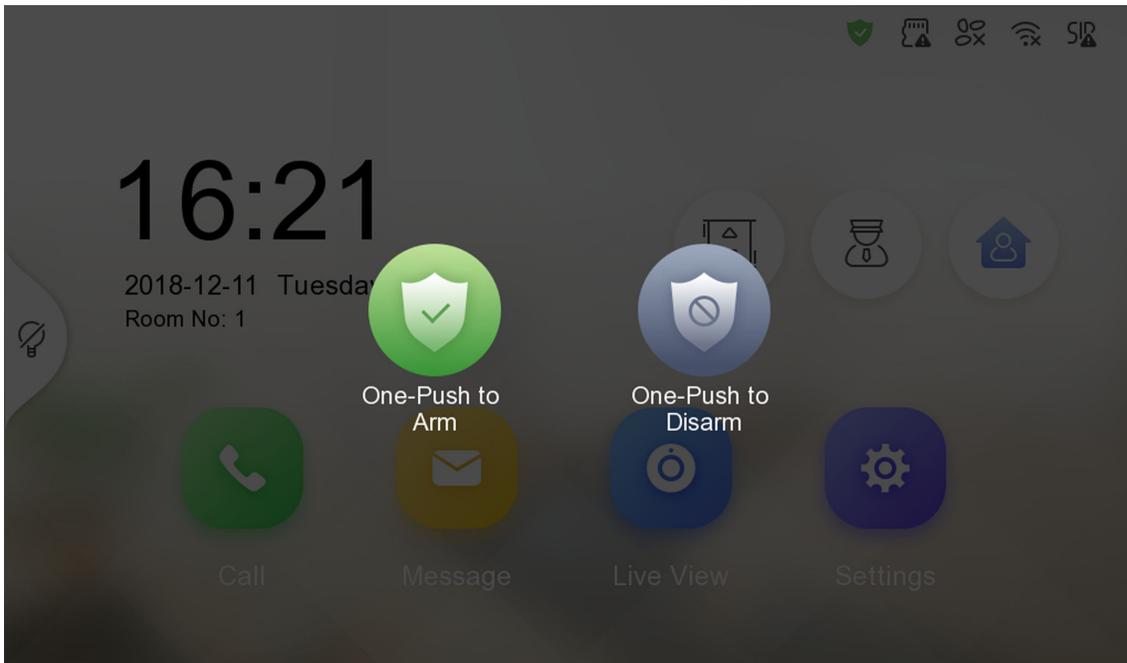You can set the arm/disarm password in the general settings. For details, see the configuration guide.

3. Tap **OK**.

9.5 Arming Mode Settings

4 arming modes can be configured: stay mode, away mode, sleeping mode and custom mode.

Before You Start
Tap **Settings →** 🔲 **→ Shortcut Settings** to enable **Alarm**.

Steps

⌐ⁱ⌐**Note**

On the home page, the arming status function and zone settings function are hidden by default. You should enable the alarm function first.

1. Back to the home page, tap **Settings →** 🔲 **→ Scene Settings** to enter the arming mode settings page.

2. Tap **Stay Mode**, **Away Mode**, **Sleeping Mode**, or **Custom** to enter the page.

3. Arm the selected zone.

$\boxed{i}$**Note**

- Zones are configurable on the arming mode page.
- Smoke detector zone and gas detector zone will be triggered even if they are disabled.
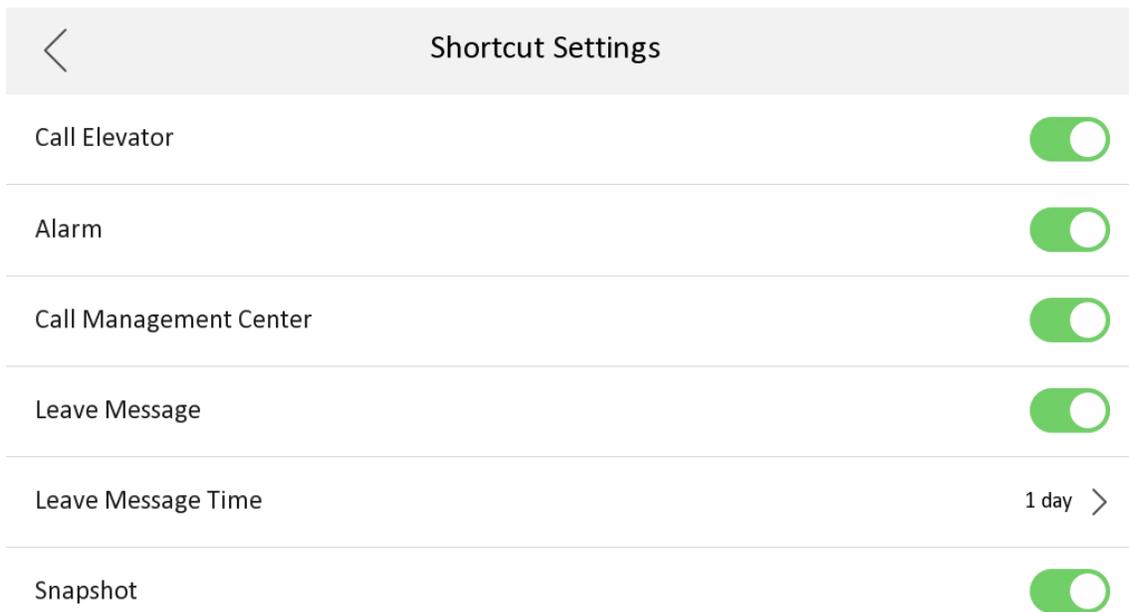

9.6 Call Elevator

The indoor station supports calling the elevator.

Before You Start
Enable call elevator via iVMS-4200 Client Software.

Steps
1. Tap **Settings → $\boxed{\text{🏠}}$ → Shortcut Settings** to enable **Call Elevator**.

◁	Shortcut Settings	
Call Elevator		🟢
Alarm		🟢
Call Management Center		🟢
Leave Message		🟢
Leave Message Time		1 day ❯
Snapshot		🟢

Figure 9-7 Call Elevator

2. Tap $\boxed{}$ on the home page of the indoor station to start calling the elevator.
3. When the device communicates with door station, tap unlock icon to start calling the elevator.

9.7 Relay Settings

After you set the output parameters and display the relay button on the main page, you can control the relay manually.

Steps
1. Tap **Settings → $\boxed{\equiv}$ → Output Settings** and disable **Hide on Main Page** function.

---

2. Back to the main page and tap 🎤 .

3. Select a relay to enable or disable, the control device will start/stop working.

9.8 Information Management

You can view public notice, visitor message, alarm log and capture log on information management page.

Tap **Message** on the home page to enter the information management page. (Here takes the alarm log page as an example.)
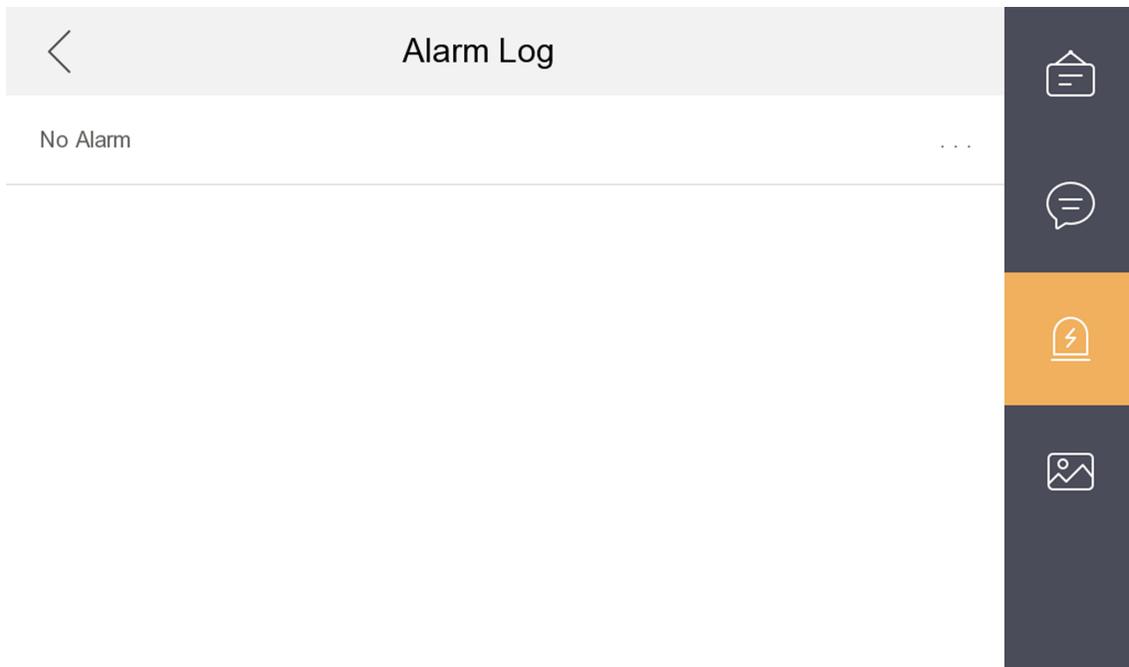
Figure 9-8 Alarm Logs

Delete a Log: Hold the item, you can delete it.

Clear Logs: Hold the item, you can clear all logs.

See Details: Hold a alarm log, you can see the alarm details.

ⓘNote

Indoor extension only supports alarm log and capture log.

Chapter 10 Remote Operation via the client software

The Video Intercom module provides remote control and configuration on video intercom products via the iVMS-4200 client software.

10.1 Call Indoor Station

Steps

1. On the main page, click **Access Control → Video Intercom** to enter the Video Intercom page.

2. Select a resident and click ☏ in the Call Household column to start calling the selected resident.
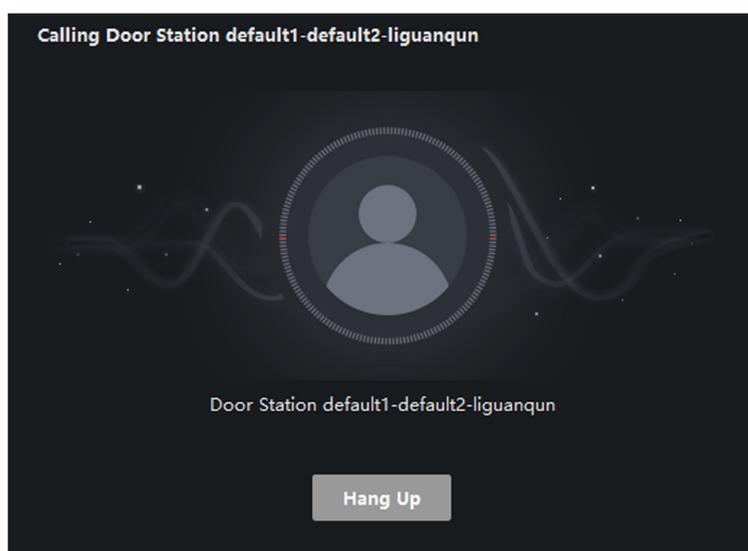
Figure 10-1 Calling Indoor Station

3. After answered, you will enter the In Call window.

- Click ◀)) to adjust the volume of the loudspeaker.
- Click **Hang Up** to hang up.
- Click 🎤 to adjust the volume of the microphone.

⬚ⁱ Note

- One indoor station can only connect with one client software.
- You can set the maximum ring duration ranging from 15s to 60s, and the maximum speaking duration ranging from 120s to 600s via the Remote Configuration of indoor station.

10.2 Receive Call from Indoor Station/Door Station

Steps

1. Select the client software in the indoor station or door station page to start calling the client and an incoming call dialog will pop up in the client software.

Figure 10-2 Incoming Call from Indoor Station

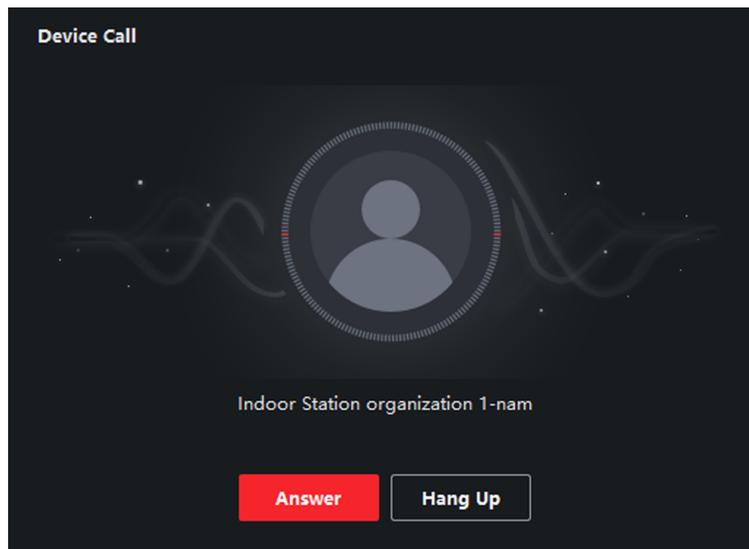**2.** Click **Answer** to answer the call. Or click **Hang Up** to decline the call.

3. After you answer the call, you will enter the In Call window.

- Click 🔊 to adjust the volume of the loudspeaker.
- Click **Hang Up** to hang up.
- Click 🎤 to adjust the volume of the microphone.
- For door station, you can click 🚪 to open the door remotely.

⌐ⁱ Note

- One video intercom device can only connect with one client software.
- The maximum ring duration can be set from 15s to 60s via the Remote Configuration of the video intercom device.
- The maximum speaking duration between indoor station and client can be set from 120s to 600s via the Remote Configuration of indoor station.
- The maximum speaking duration between door station and client can be set from 90s to 120s via the Remote Configuration of door station.

10.3 View Live Video of Door Station and Outer Door Station

You can get the live view of the door station and outer door station in the Main View module and control the door station and outer door station remotely.

In the Main View module, double-click a door station or outer door station device or drag the device to a display window to start the live view.

You can click **Unlock** on the menu to open the door remotely.

10.4 View Call Logs

You can check all the call logs, including dialed call logs, received call logs and missed call logs. You can also directly dial via the log list and clear the logs.

Steps
1. On the main page, click **Access Control → Video Intercom** to enter the Video Intercom page.
2. Click the Call Log tab to enter the Call Log page. All the call logs will display on this page and you can check the log information, e.g., call status, start time, resident's organization and name, device name and ring or speaking duration.
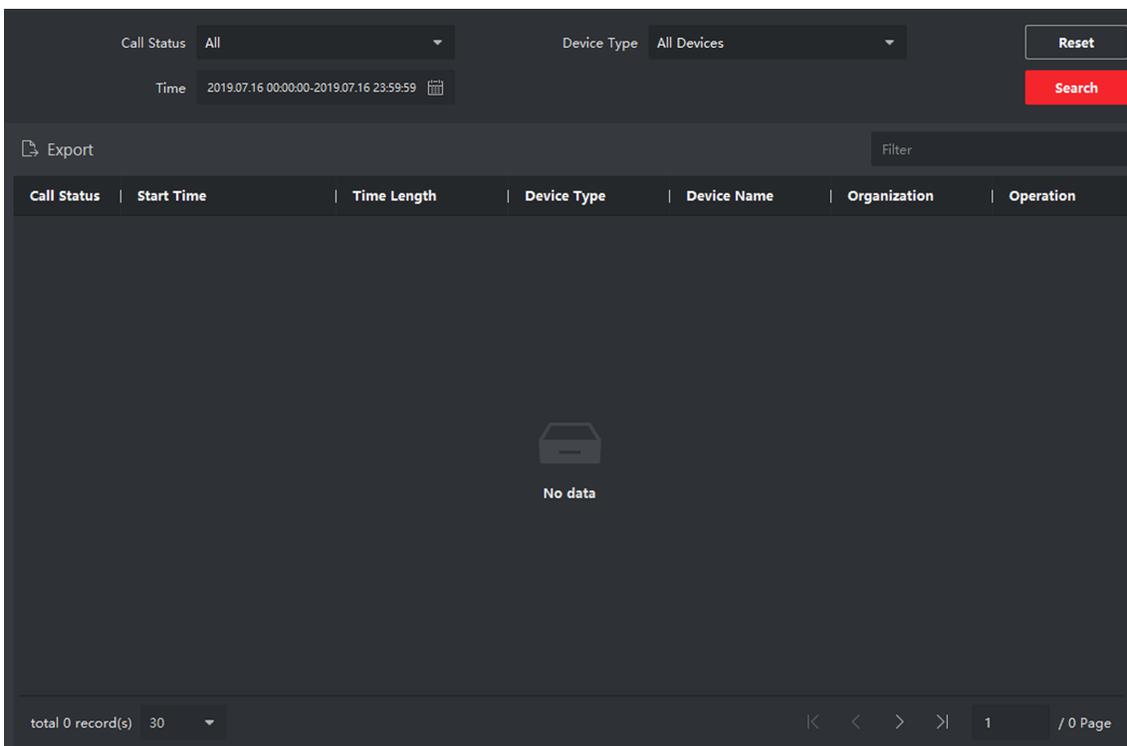

Figure 10-3 Call Log

3. **Optional:** Click the icon 📞 in the Operation column to re-dial the resident.

10.5 Release Notice

You can create different types of notices and send them to the residents. Four notice types are available, including Advertising, Property, Alarm and Notice Information.
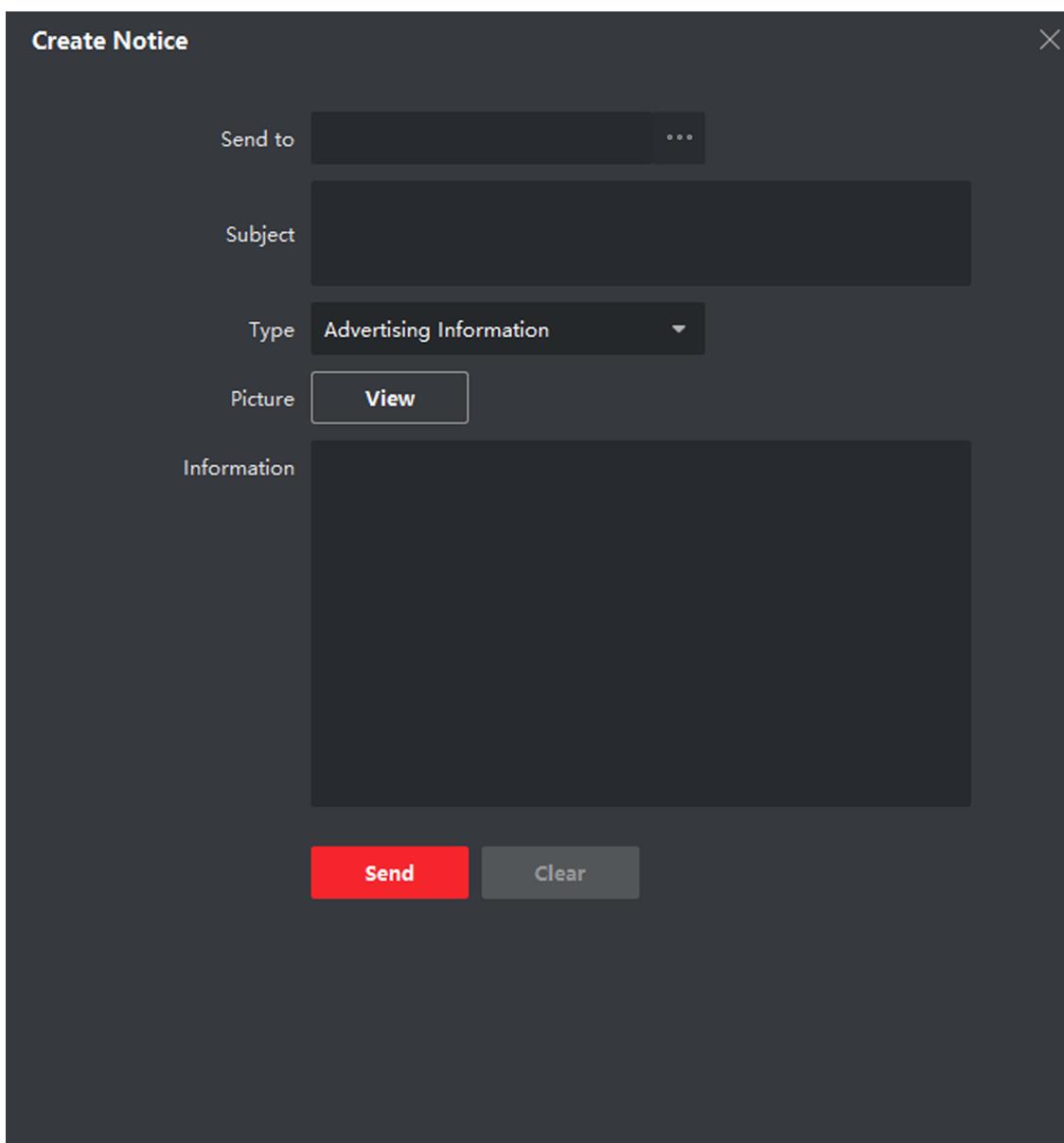
Steps

1. On the main page, click **Access Control → Video Intercom** to enter the Video Intercom page.

2. Click **Notice** to enter the Release Notice page.
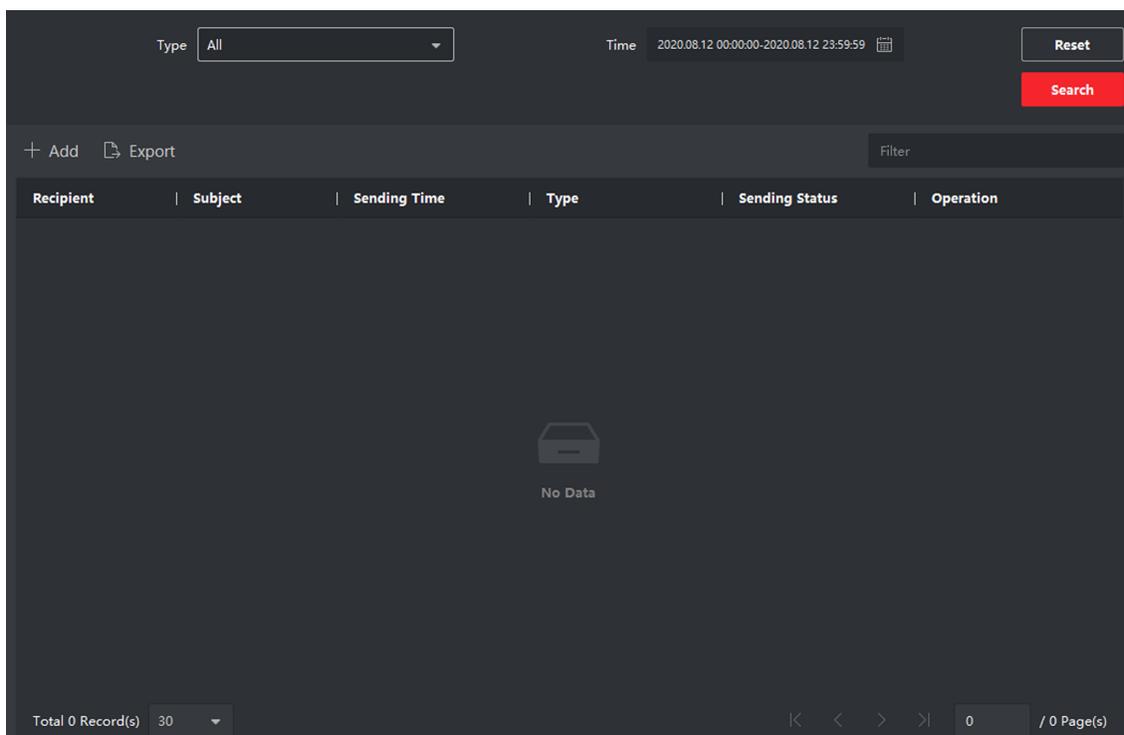
Figure 10-4 Release Notice

3. Click **Add** on the left panel to create a new notice.

Figure 10-5 Create a Notice

4. Edit the notice on the right panel.
   1) Click **...** on the Send To field to pop up the Select Resident dialog.
   2) Check the checkbox(es) to select the resident(s). Or you can check the **All** checkbox to select all the added residents.
   3) Click **OK** to save the selection.
   4) Enter the subject on the Subject field.

   Note

   Up to 63 characters are allowed in the Subject field.

5) Click ˅ in the Type field to unfold the drop-down list and select the notice type.

6) **Optional:** Click **View** to add a local picture to the notice.

> ⓘ**Note**
>
> Up to 6 pictures in the JPGE format can be added to one notice. And the maximum size of one picture is 512KB.

7) Enter the notice content in the Information field.

8) **Optional:** You can also click **Clear** to clear the edited content.

> ⓘ**Note**
>
> Up to 1023 characters are allowed in the Content field.

5. Click **Send** to send the edited notice to the selected resident(s). The sent notice information will display on the left panel. You can click a notice to view the details on the right panel.

10.6 Search Video Intercom Information

You can search the call logs between the iVMS-4200 client software and video intercom devices, device unlocking logs and the sent notice information.
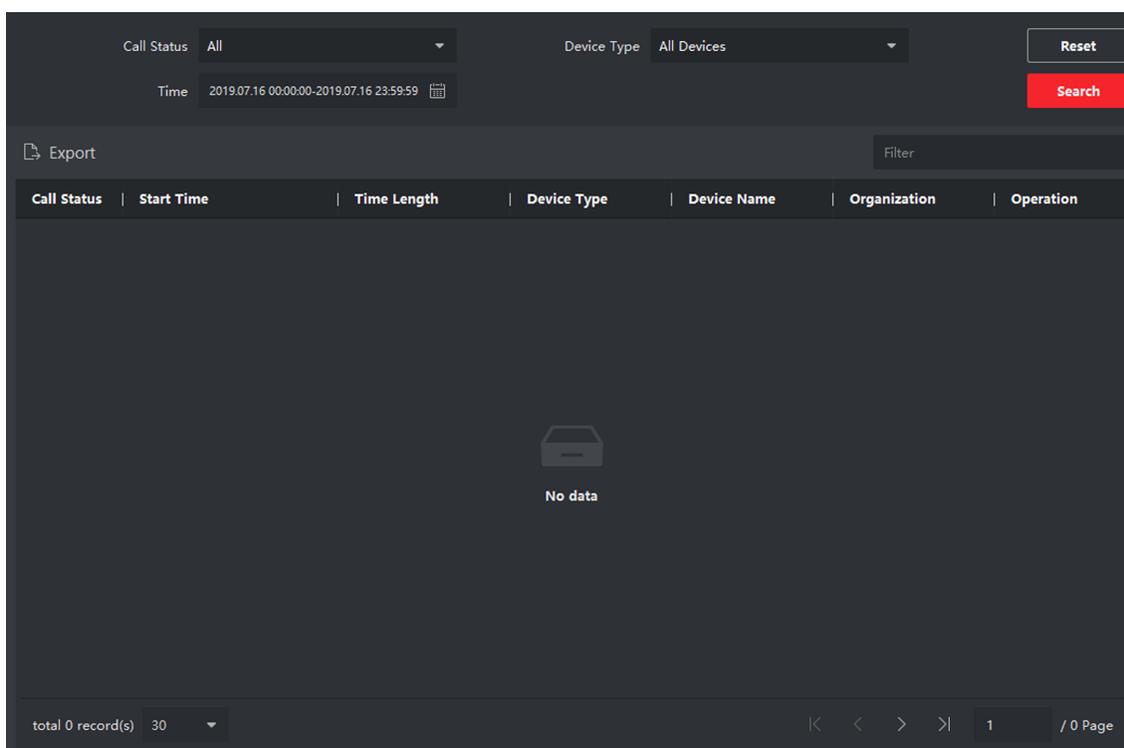
On the main page, click **Access Control** to enter the access control module.

In the Access Control module, click **Video Intercom** to enter the Video Intercom page.

10.6.1 Search Call Logs

Steps

1. On the main page, click **Access Control → Video Intercom** to enter the Video Intercom page.

2. Click **Call Log** to enter the Call Log page.

Figure 10-6 Search Call Logs

3. Set the search conditions, including call status, device type, start time and end time.

Call Status

Click ⌄ to unfold the drop-down list and select the call status as **Dialed**, **Received** or **Missed**. Or select **All** to search logs with all statuses.

Device Type

Click ⌄ to unfold the drop-down list and select the device type as **Indoor Station**, **Door Station**, **Outer Door Station** or **Analog Indoor Station**. Or select **All Devices** to search logs with all device types.

Start Time/End Time

Click 📅 to specify the start time and end time of a time period to search the logs.

4. Optional: You can click **Reset** to reset all the configured search conditions.

5. Click **Search** and all the matched call logs will display on this page.

- Check the detailed information of searched call logs, such as call status, ring/speaking duration, device name, resident organization, etc.
- Input keywords in the Search field to filter the desired log.
- Click **Export** to export the call logs to your PC.

10.6.2 Search Notice

Steps

1. On the main page, click **Access Control → Video Intercom** to enter the Video Intercom page.
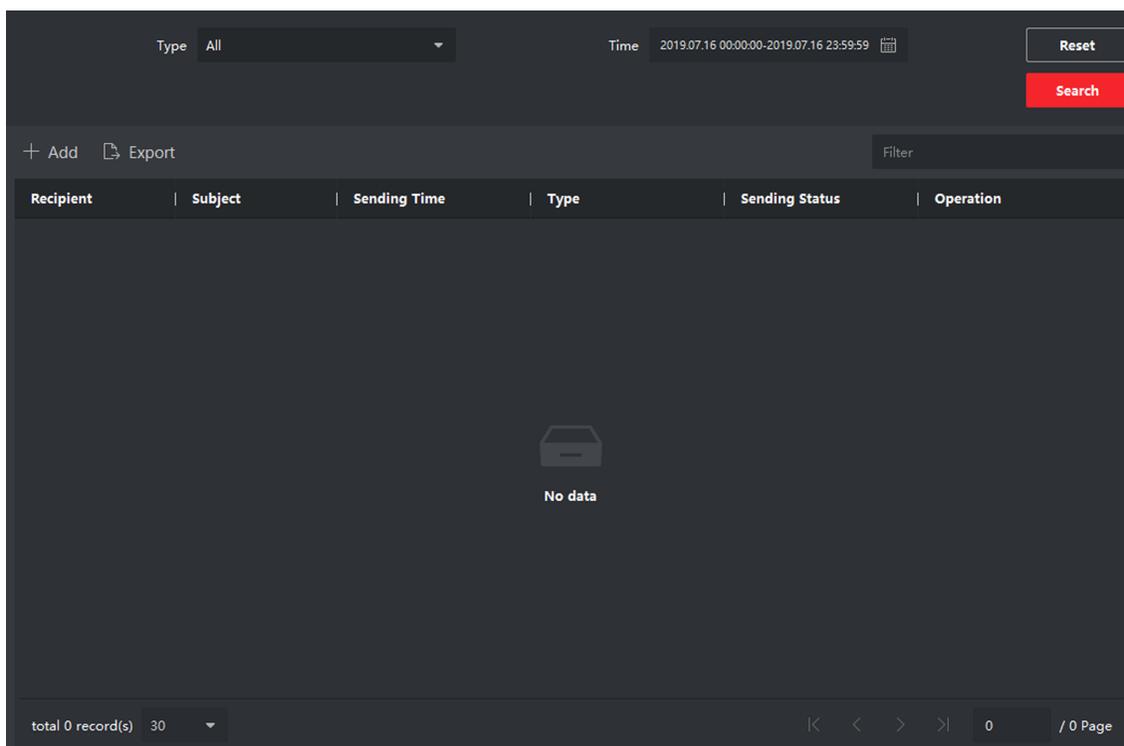
2. Click **Notice** to enter the Notice page.

Figure 10-7 Search Notice

3. Set the search conditions, including notice type, subject, recipient, start time and end time.

Recipient

Input the recipient information in the Recipient field to search the specified notice.

Subject

Input the keywords in the Subject field to search the matched notice.

Type

Click ˅ to unfold the drop-down list and select the notice type as **Advertising Information**, **Property Information**, **Alarm Information** or **Notice Information**. Or select **All** to search notices with all types.

4. Optional: You can click **Reset** to reset all the configured search conditions.

5. Click **Search** and all the matched notices will display on this page.

- Check the detailed information of searched notices, such as sending time, sending status, etc.
- Input keywords in the Search field to filter the searching result.

6. You can view and edit the notice details, check the sending failed/sent succeeded/unread users, and resend the notice to sending failed/unread users.

7. **Optional:** Click **Export** to export the notices to your PC.

Appendix A. Communication Matrix and Device Command

Communication Matrix

Scan the following QR code to get the device communication matrix.
Note that the matrix contains all communication ports of Hikvision access control and video intercom devices.

Figure A-1 QR Code of Communication Matrix

Device Command

Scan the following QR code to get the device common serial port commands.
Note that the command list contains all commonly used serial ports commands for all Hikvision access control and video intercom devices.

Figure A-2 Device Command

Appendix B. Cables

Cables and Wiring

- When there are multiple cores in one parallel line, only one pair of closed cores are allowed to transmit signal. It is not allowed to use multiple pair of cores in one cable to transmit signal.
- When using parallel lines, it is suggested to use those with shielding layer. If dual core or multiple core parallel lines without shielding layer are routed, stability of signal transmission can be effected. You need to run a test before installation.
- Impedance of cable should not be over suggested value, or distributor cannot transmit enough power to indoor station or door station.
- Strong electricity and weak electricity cannot be wired in the same route, they need to be wired separately and the distance should be more than 0.5 meter.
- All the cables used need to follow the restriction in the following table.

Table B-1 Wiring Cables

RVV4 Cable Specification	Transmission Distance (TD)
RVV4 (0.2 mm^2)	Transmission Distance ≤ 10 m
RVV4 (0.5 mm^2)	10 m < Transmission Distance ≤ 30 m
RVV4 (0.75 mm^2)	30 m < Transmission Distance ≤ 50 m
RVV4 (1.5 mm^2)	50 m < Transmission Distance ≤ 100 m

Appendix C. Communication Matrix and Device Command

Communication Matrix

Scan the following QR code to get the device communication matrix.
Note that the matrix contains all communication ports of Hikvision access control and video intercom devices.

Figure C-1 QR Code of Communication Matrix

Device Command

Scan the following QR code to get the device common serial port commands.
Note that the command list contains all commonly used serial ports commands for all Hikvision access control and video intercom devices.

Figure C-2 Device Command

See Far, Go Further