# 7 Inch & 10 Inch Indoor Station

## User Manual

# Legal Information

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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. |

# Regulatory Information

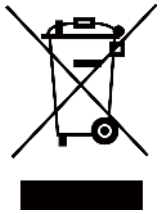
## FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
FCC compliance: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help
This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body.
FCC Conditions
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

## 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.

## Power Source Detail

The power source should be qualified and meet limited power source or PS2 requirements according to IEC 60950-1 or IEC 62368-1 standard.

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# Chapter 1 About this Manual

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

| Product | Model |
|---|---|
| 7 Inch Indoor Station | DS-KH8350 Series<br>DS-KH8380 Series<br>DS-KH8381 Series<br>DS-KH6320 Series<br>DS-KH6350 Series<br>DS-KH6351 Series<br>DS-KH6360 Series |
| 10 Inch Indoor Station | DS-KH8520 Series |

Some functions in the manual are only available on certain models. Please operate your device according to actual situation.

# Chapter 2 Local Operation

## 2.1 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 2-1 Language Settings**

**Note**

There are two pages of language options to choose from. Tap ‹ or › to change pages.

2. Set new password and password reset methods and tap **Activate**.
   - Bind an email address. If you forget your admin password, you can reset 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 password, you can reset the password via answering the questions.

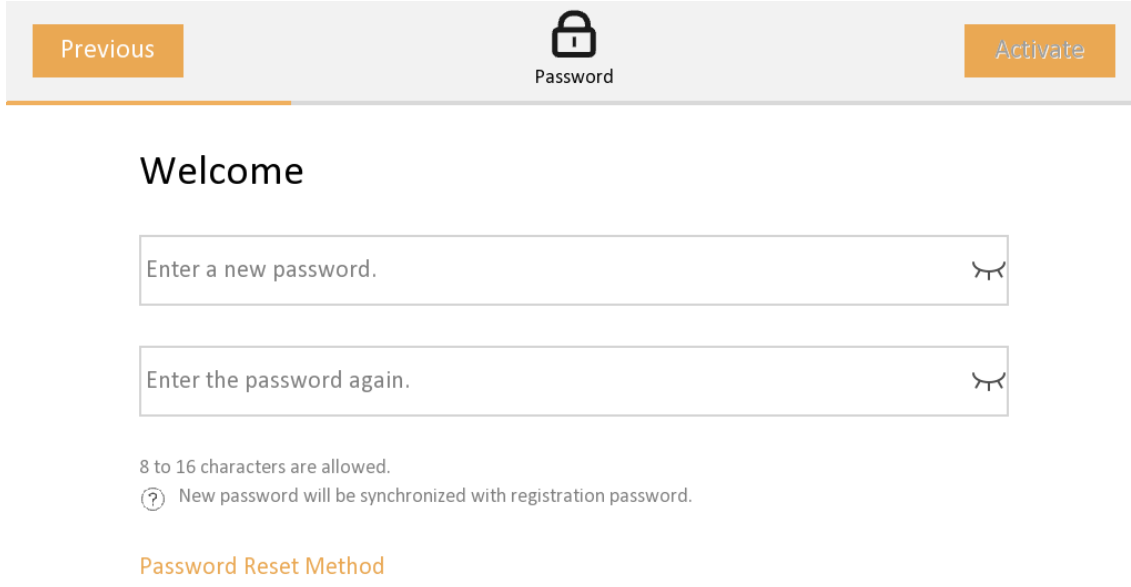



**Figure 2-2 Password Setting**

**3.** Set network parameters and tap **Next**.

- Edit **IPv4 Address**, **IPv4 Subnet Mask** and **IPv4 Default Gateway** manually.
- Enable **DHCP**, the device will get network parameters automatically.

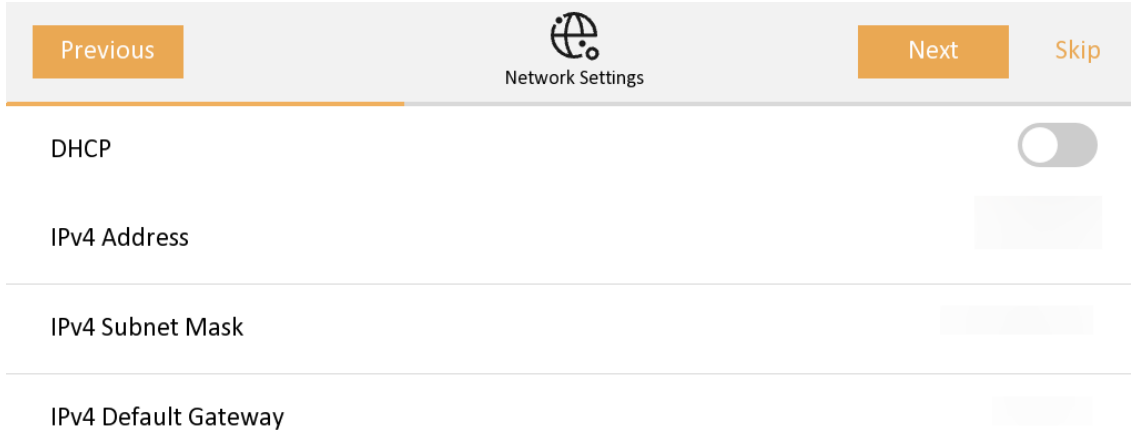
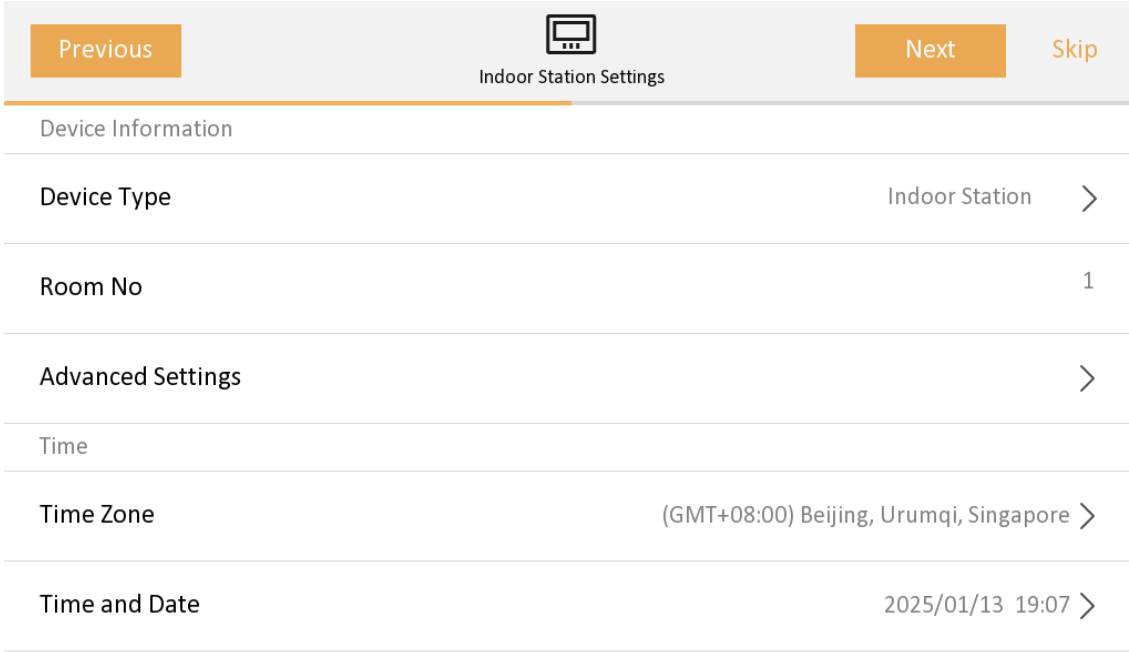



**Figure 2-3 Network Parameters**

**4.** Configure the indoor station.
1) Select **Device Type** as **Indoor Station** or **Indoor Extension**.
2) Set **Room No.**.
3) Configure advanced settings. Set Comminity No., Building No., Floor No. and Unit No.
4) Set **Time Zone**and **Time and Date**
5) Tap **Next**.




**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**.

**Note**

The device should support Wi-Fi.

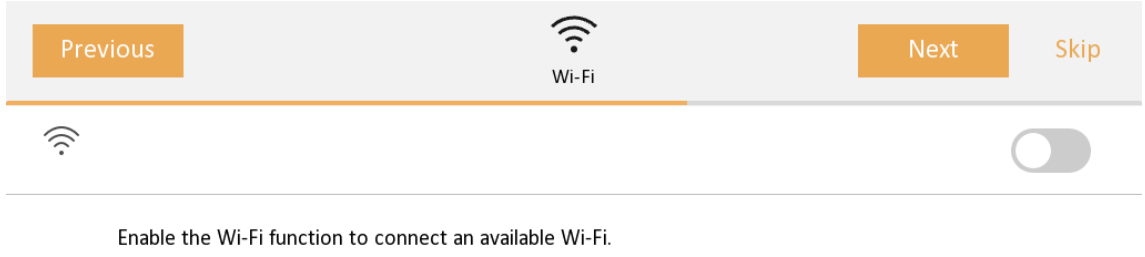



**Figure 2-5 Wi-Fi**

**6.** 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. Tap the device or enter the serial No. to link.

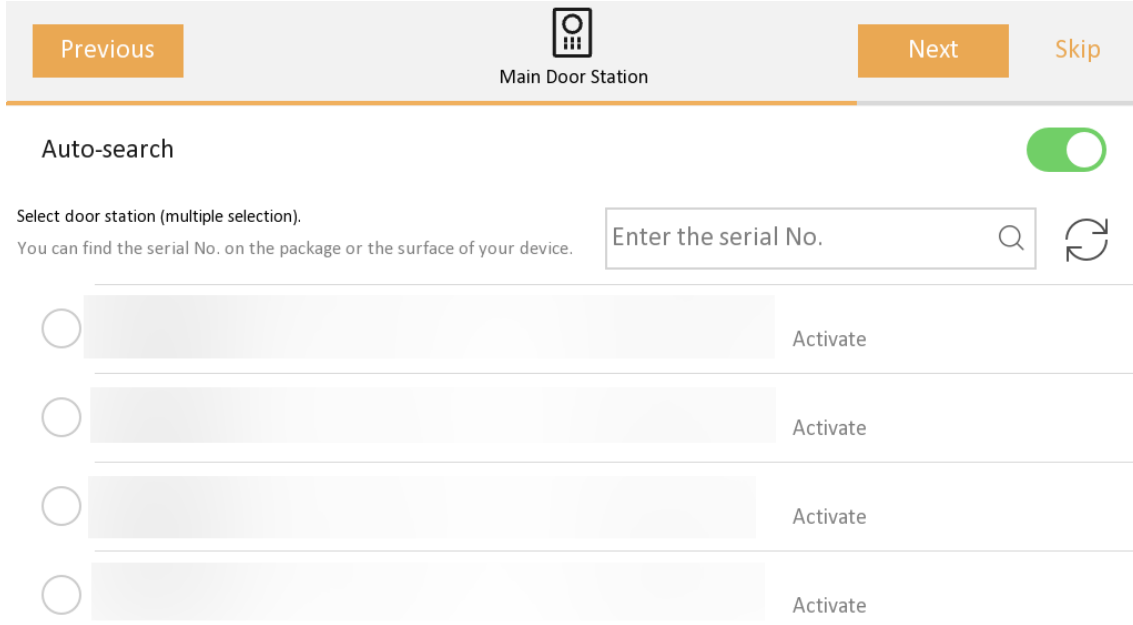



**Figure 2-6 Related Device**

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

2) Tap **Next**.

7. **Optional:** Enable **Indoor Extension** and link related indoor extension devices. Tap **Next**. 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.

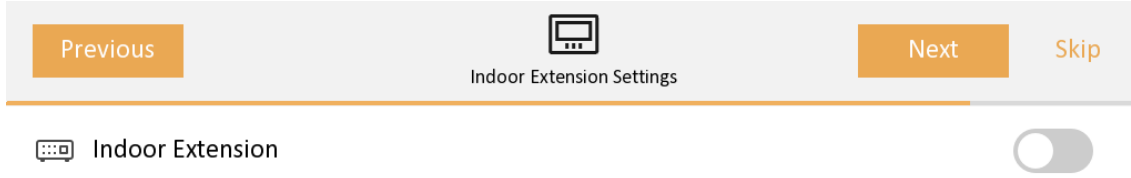



**Figure 2-7 Related Device**

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.

2) Edit the network parameters of the indoor extension manually.

8. 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.

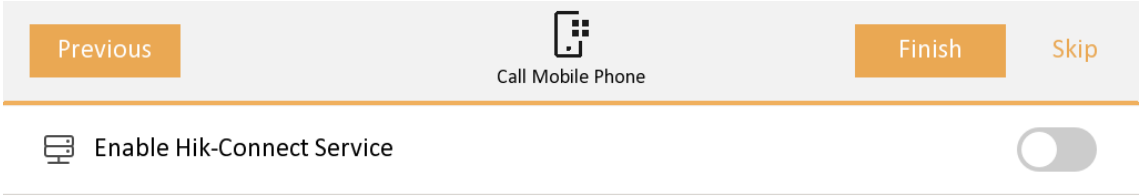



**Figure 2-8 Call Mobile Phone**

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

## 2.2 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.

### 2.2.1 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.

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.

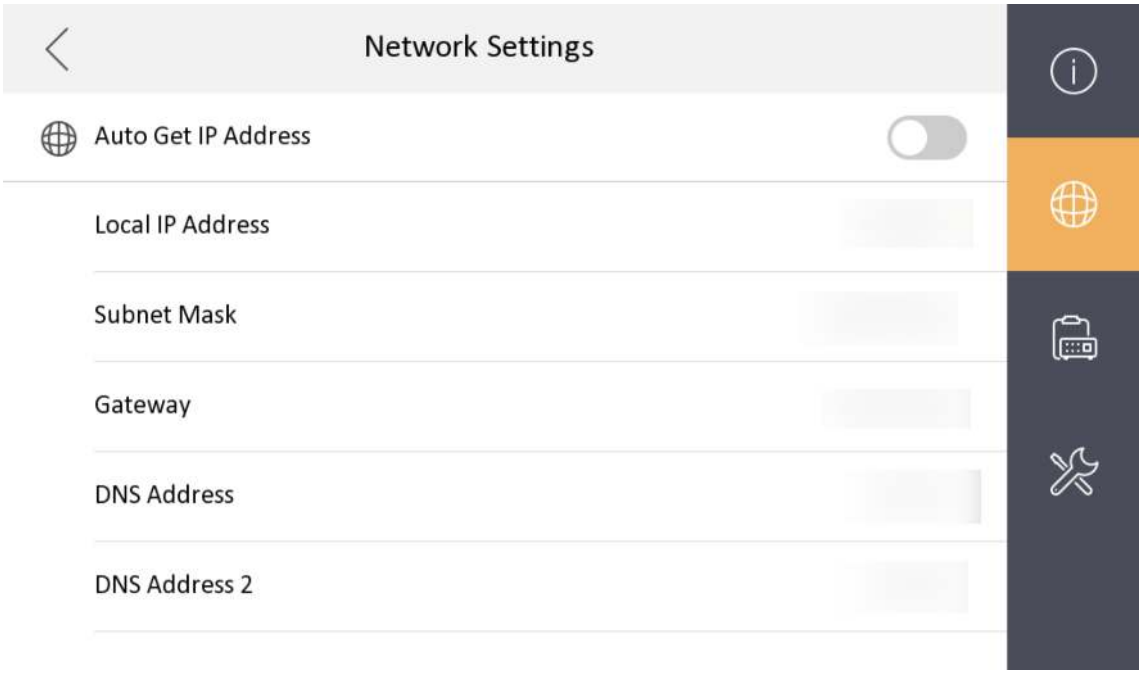



**Figure 2-9 Network Information**

**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.

### 2.2.2 Set 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.

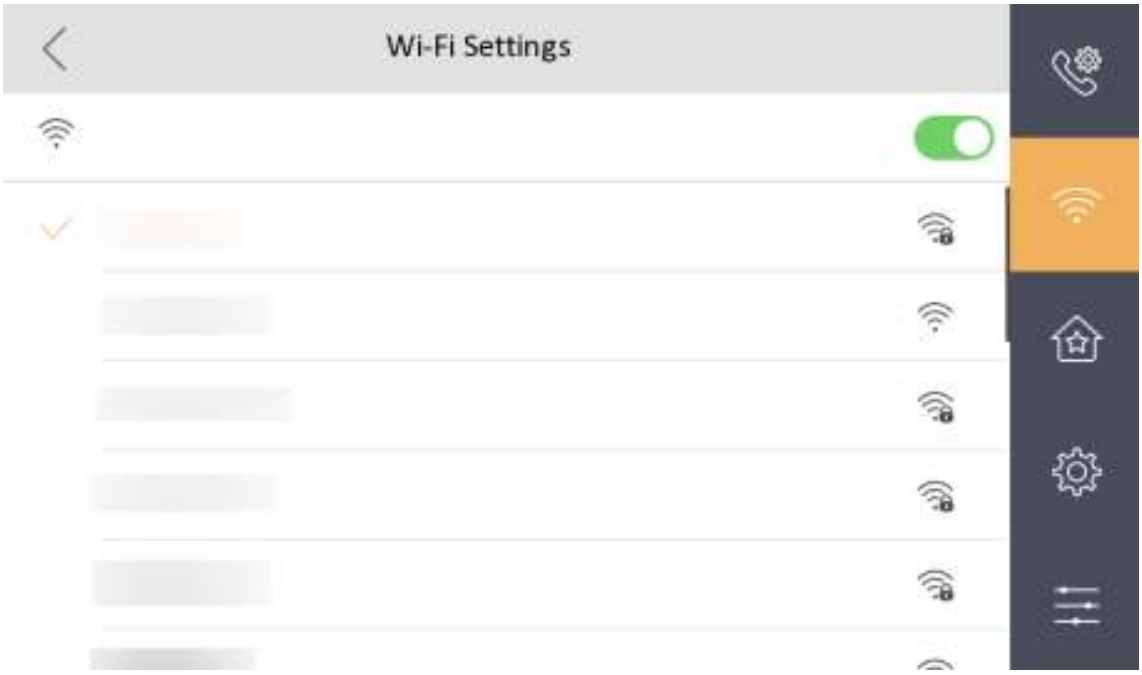



**Figure 2-10 Wi-Fi Settings**

Select an Wi-Fi and connect.

### 2.2.3 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.

With the standard SIP protocol, intercom can be realized when all these devices support the standard SIP protocol.

**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.

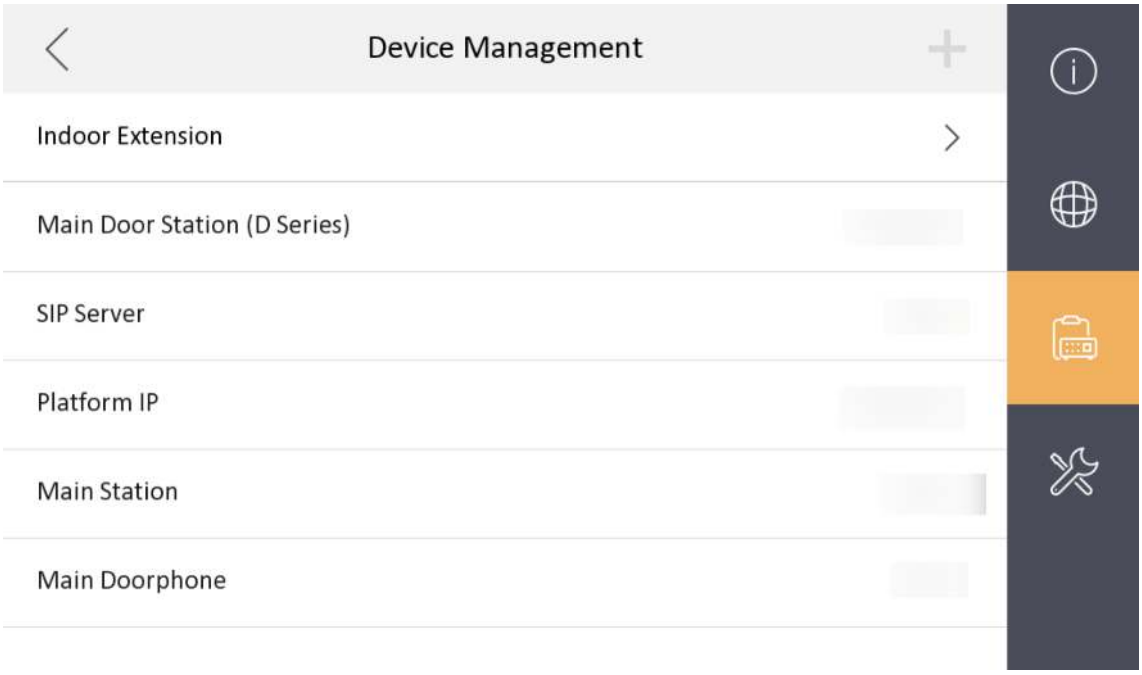



**Figure 2-12 Device Information**

**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.

## 2.2.4 IPv6 Settings

Tap **Settings** → → **Configuration** → to enter the page.

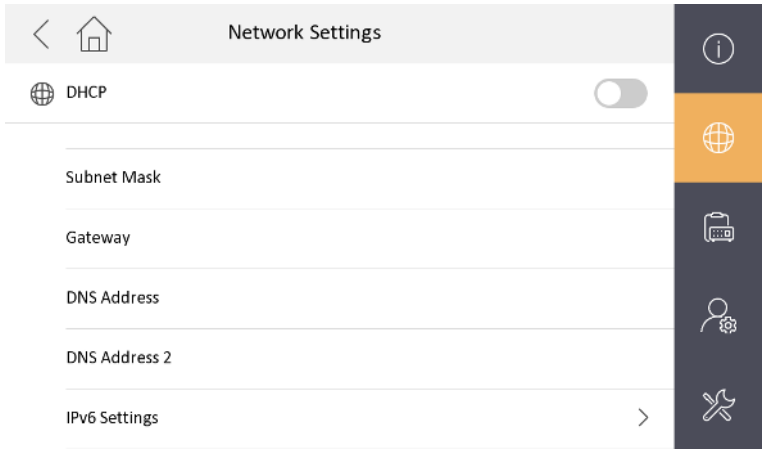



**Figure 2-13 Network Settings-IPv6**

Tap **IPv6 Settings** to configure.

## 2.2.5 Set Indoor Station No.

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.

   **Note**

   Default admin password is the activation password.

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

   **Room Information**

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

   **Note**

   - Community No., building No., Floor 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 (range from 1 to 1800s).

   **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.

   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 SIP registration password.

   **Compatible with SIP 1.0 Indoor Station**

   You can enable SIP 1.0 protocol according to your needs.

### 2.2.6 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.

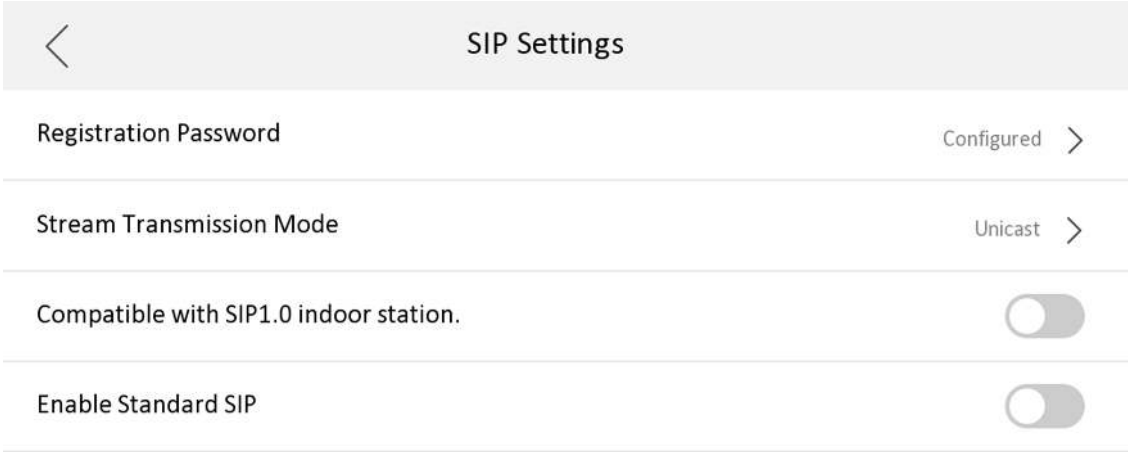



**Figure 2-14 SIP Settings**

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 **Compatible with SIP 1.0 Indoor Station** and the indoor station (SIP 2.0) can be compatible with SIP 1.0 indoor station.
5. **Optional:** Enable standard SIP and you can access to the third party devices.
   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.

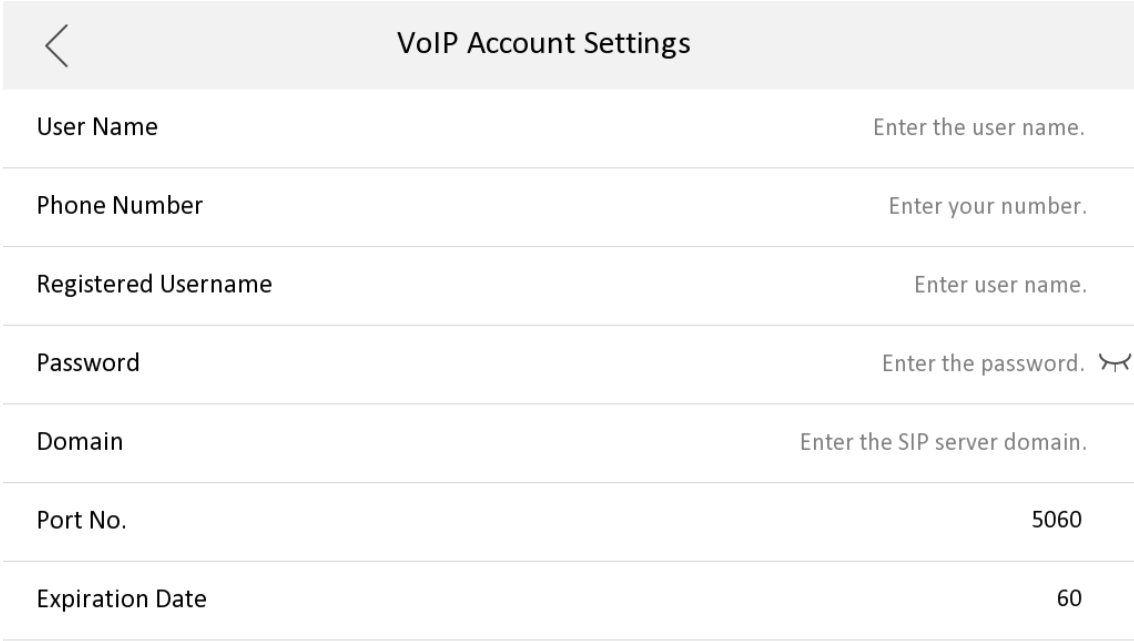



**Figure 2-15 VOIP Account Settings**

**Note**

Up to 32 characters are allowed in the user name.

## 2.2.7 Add Device

**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 device.
   - 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 device. Edit port No. and channel No.

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

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

     Exit the page to save the settings.

## 2.2.8 Zone and Alarm Settings

### Zone Settings

You can set the zone type, alarm type and delay time and other parameters of 8 zones.

**Before You Start**

Tap **Settings** → → **Featured Functions** , and 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.

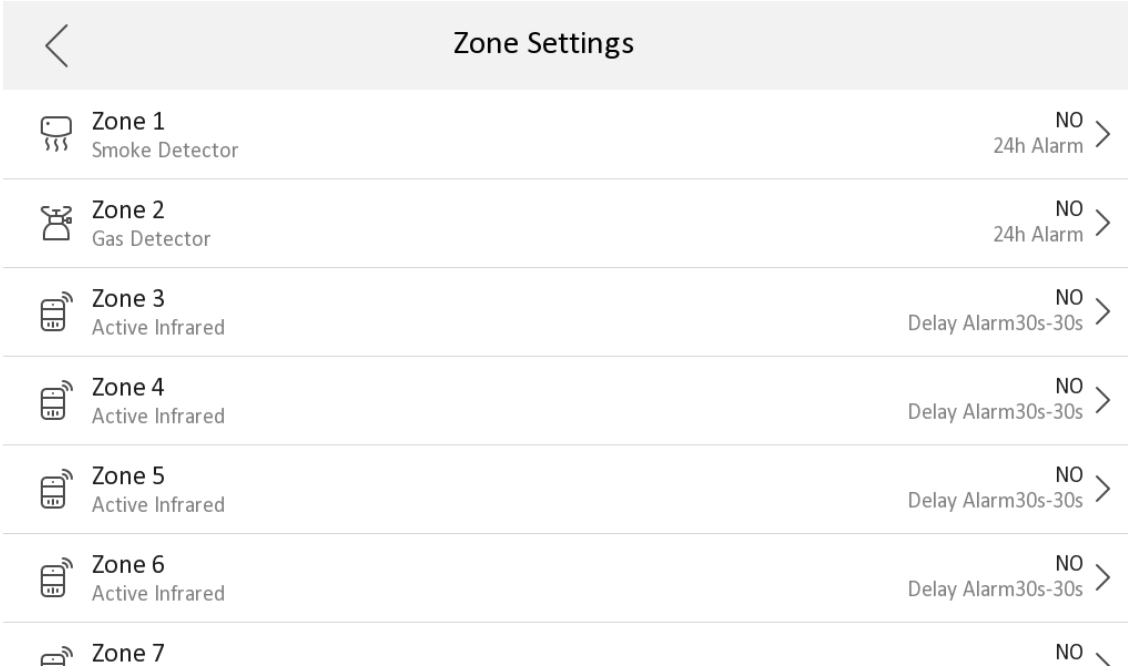



**Figure 2-16 Zone Settings**

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**

- 7 zone types are selectable: Panic Button, Door Contact, Smoke Detector, Active Infrared, Passive Infrared, Gas Detector, and Doorbell.
- 3 alarm types are selectable: 24h Alarm, Instant Alarm, and Delay Alarm.
  Set the alarm type as 24h alarm, and the zone will be armed for 24h.
  Set the alarm type as instant alarm, and the zone will alarm once it's triggered.
  Set the alarm type as delay alarm, and you should set the entering delay duration and exiting delay duration.
- Both the entering delay duration and the exiting delay duration are from 30s to 60s.
- For Gas Detector, Smoke Detector and Doorbell, 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** → → **Featured Functions** 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.

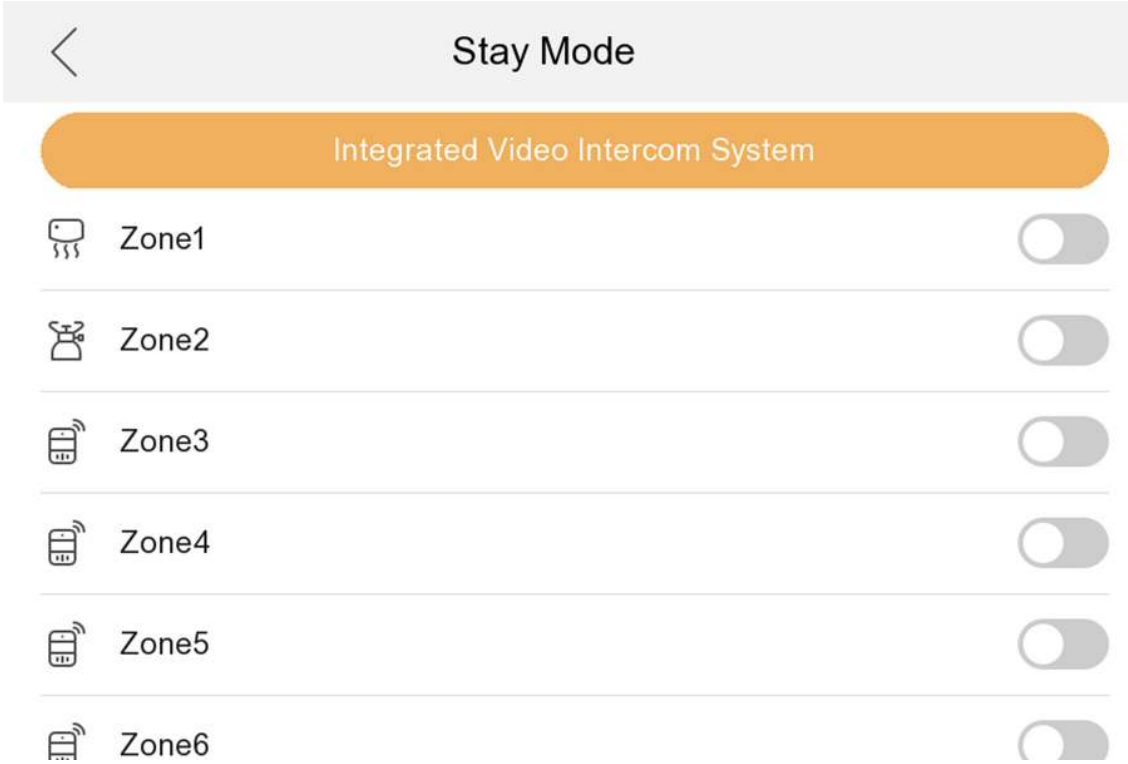



**Figure 2-17 Arming Mode Settings**

3. Arm the selected zone.

**Note**

- Zones are configurable on the arming mode page.
- 24H alarm zone including smoke detector zone and gas detector zone will be triggered even if they are disabled.
- Arming mode settings should be configured with the settings of arming status on the user page of the device.

## 2.3 Door Lock Display Settings

You can configure the number of locks displayed.

**Steps**

1. Tap **Advanced Settings → Local Information → Door Lock Display Settings** to enter the setting page.

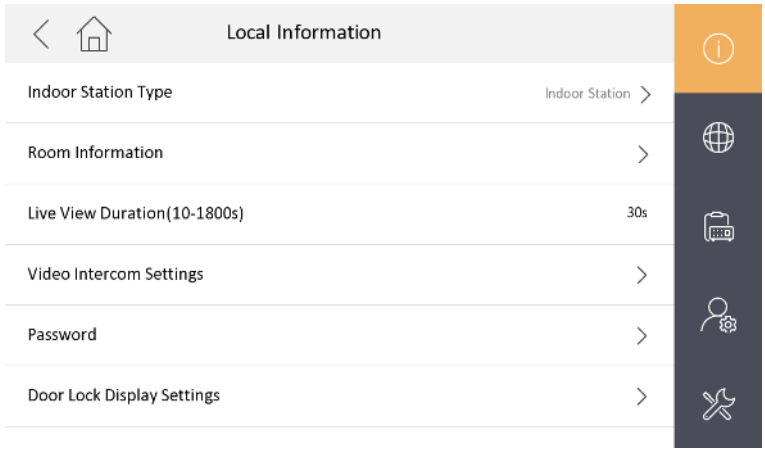



**Figure 2-18 Local Information**

2. Swtich to choose which locks to be displayed on the unlock page. You can also choose to display one lock or two locks on the unlock page.

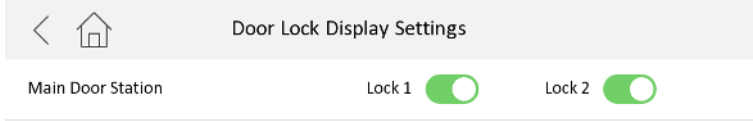



**Figure 2-19 Door Lock Display Settings**

## 2.4 Password Settings

### 2.4.1 Security Settings

If you forgot the admin password, you can change your password via the reserved email address or the security questions.

**Steps**

1. Tap **Settings** → ☰ → **Configuration** , and enter the admin (activation) password to enter the local information page. Tap ⚙ → **Security Settings** to enter security setting page.
2. Tap **Email Address**. Enter or edit the address.

3. Tap **Security Question**. Select questions and enter the answers.
4. After the settings, you can reset your password via the reserved email address or via answering questions.

### 2.4.2 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** in the local information page.

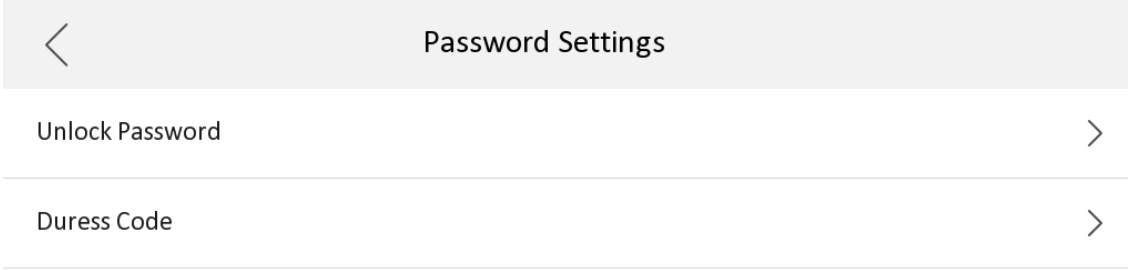



**Figure 2-20 Unlock and Duress Code Settings Page**

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.

   **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.

## 2.5 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.

## 2.6 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.

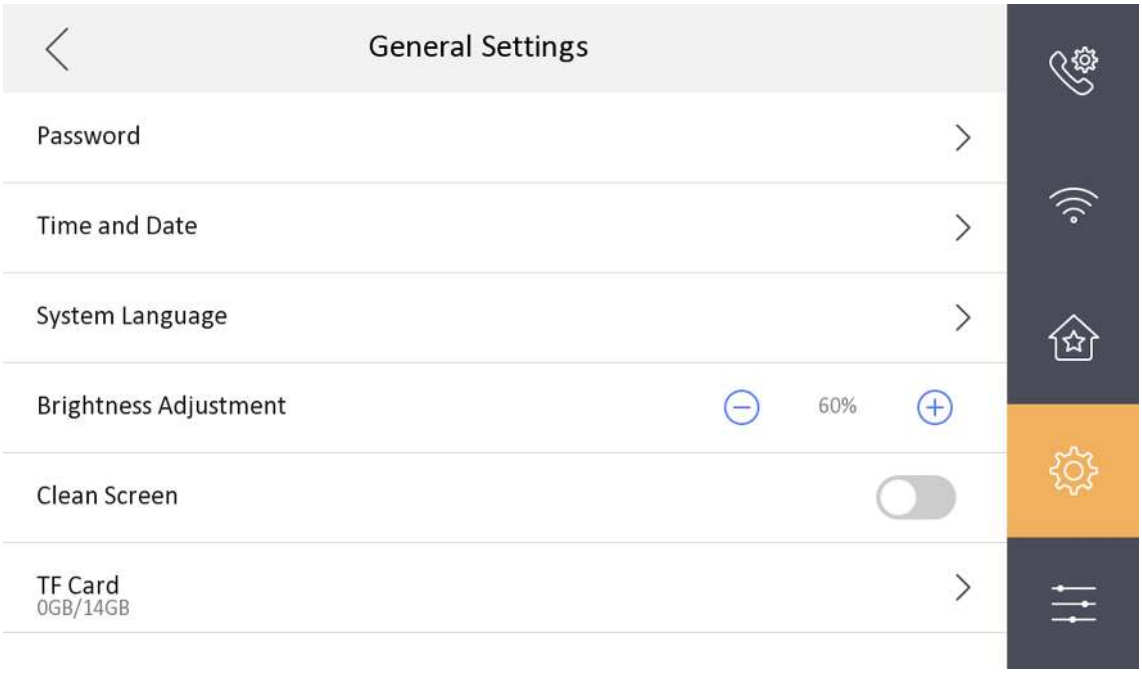



**Figure 2-21 General Settings Page**

**Password**

You can manage your arm/disarm password and scene password. For details, see

**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.

**Note**

- After inserting the TF Card, tap **OK** to confirm to upgrade via TF Card.
- Do not power off during upgrading.
- The device will restart automatically after the upgrade complete.

## 2.7 Featured Function

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

Tap **Settings** → to enter the featured function page.

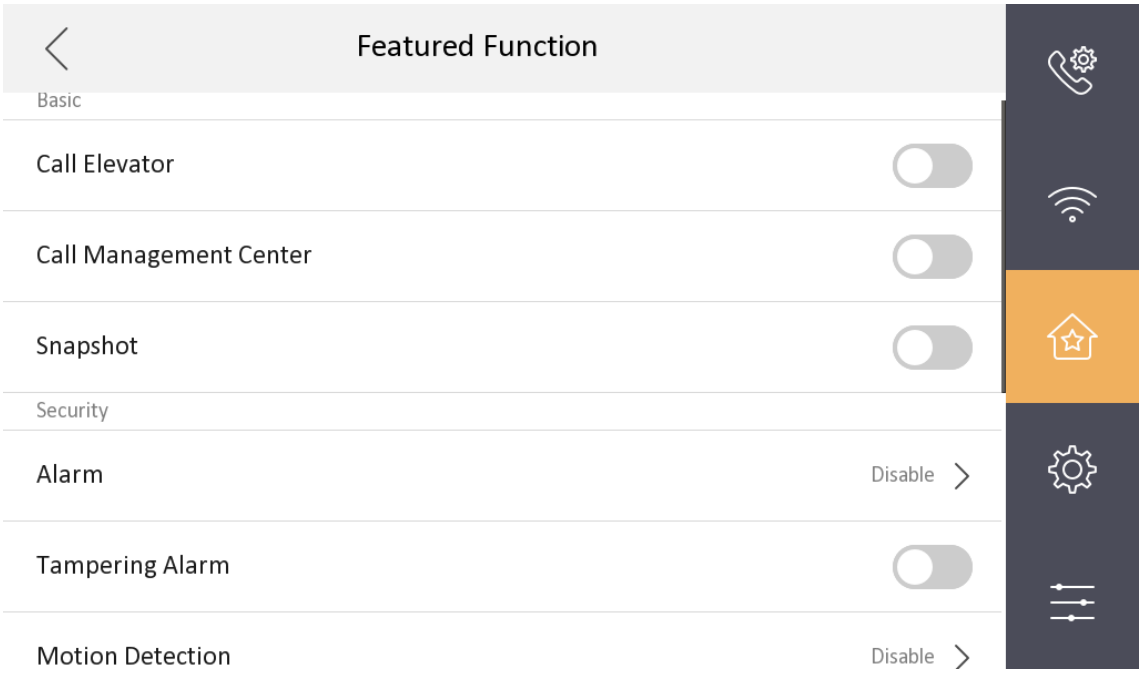



**Figure 2-22 Featured Function**

**Basic, Security and Call Functions**

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.

**Tampering Alarm**

You can enable **Tampering Alarm** in featured functions.

When tampering button is loosen, the alarm will be triggered.

**Motion Detection**

You can enable **Motion Detection** in featured functions.

After enabling, the device will start recording when people's movement detected.

Once enabled, you can see it in **Event Record** page.

**Door Unlock Record**

You can enable **Door Unlock Record** in featured functions.

Once enabled, you can see it in **Event Record** page.

**Call Video**

You can enable **Call Video** in featured functions.

Once enabled, you can see it in **Event Record** page.

**Blocklist**

You can enable **Blocklist** in featured functions.

Once enabled, you can see it in **Contact List** page.

**Voice Changer**

You can enable **Voice Changer** in featured functions.

Then you can choose to use your real voice, or change your voice to clown sound or uncle sound.

Once enabled, you can see it on all video intercom pages.

**Note**

You can click the icon on your page to change voice.

**Auto Unlock Door**

You can enable **Auto Unlock Door** in featured functions.

Then you can choose which lock to operate auto unlock and configure the auto unlock door period.

Tap **OK** to save your configurations.

## 2.8 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 4 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 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 not be displayed on the main page.

## 2.9 System Settings

You can format or install TF card, clear the screen, view the version information of the indoor station and reboot the system on the settings page.

### General Settings

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

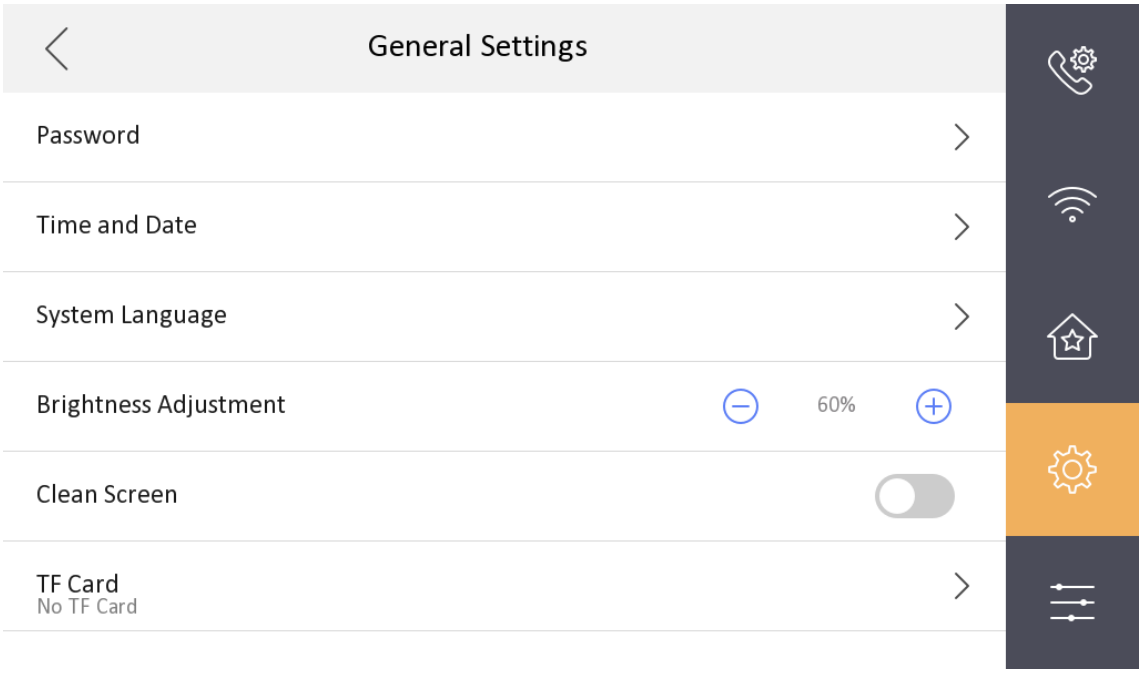



**Figure 2-23 General Settings Page**

**Time and Date**

Set the displayed time and date format, current time. Tap **Sync Time** and enable NTP to synchronize the device time. You can also enable **DST** and set the DST start time, end time and bias.

**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 35 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.

## Reboot

Tap **Settings** → to enter the advanced settings page.
Tap **Reboot Device** to reboot the deivce immediately.

## System Maintenance

Tap **Settings** → → **Configuration** , and enter the admin (activation) password.
Tap to enter the system maintenance page.

**Upgrade**

Tap **Upgrade** to get the upgrade package online and reboot automatically.

**Restore**

**Restore to Default Settings**

Tap **Restore Default Settings** to restore parameters except network parameters and activation password to factory settings. And the system will reboot automatically.

**Restore All**

Tap **Restore All** to restore all parameters to factory settings and the system will reboot automatically.

**Wizard**

Tap **Wizard** and set the language, network, indoor station type, device No., and select a device according to the wizard. Refers to ***Quick Operation*** for the details.

### Preference

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

**Featured Functions**

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

## 2.10 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 2-24 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.

**Note**

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

## 2.11 Sound Settings

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

### 2.11.1 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.

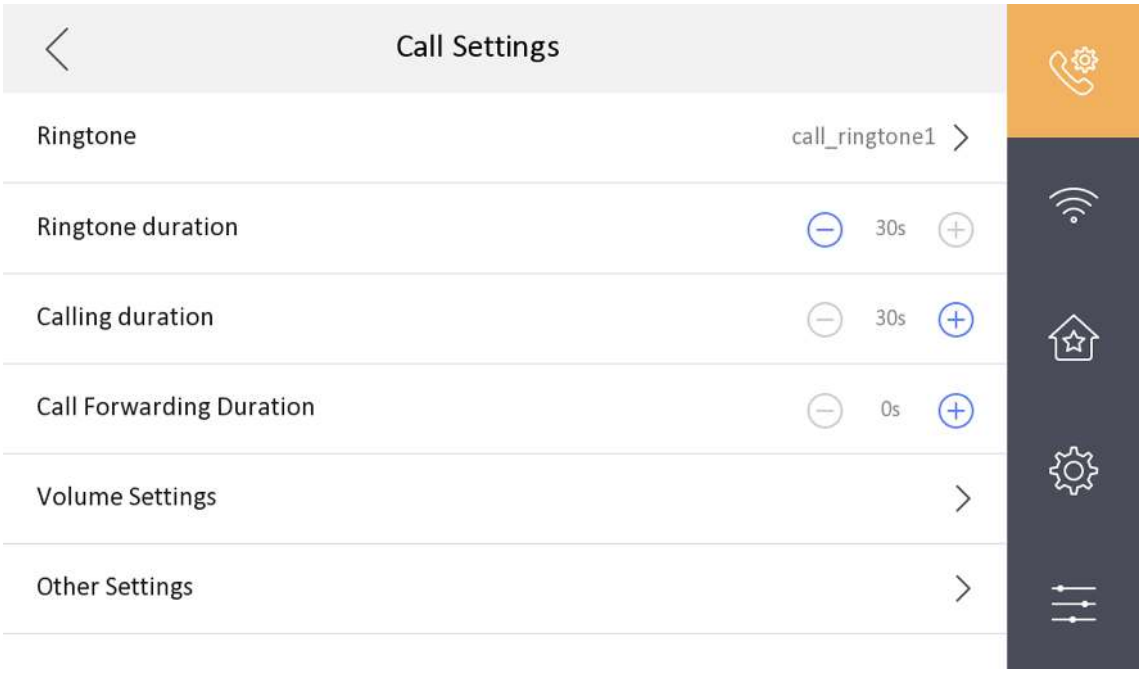



**Figure 2-25 Call Settings**

**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.

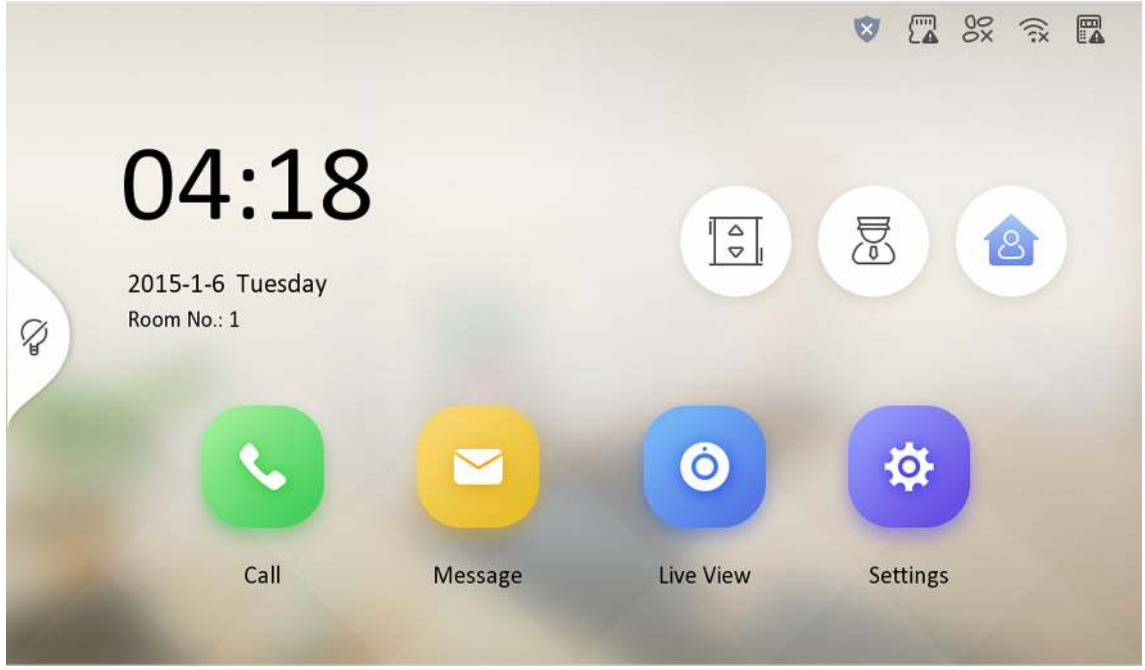



**Figure 2-26 Main Page**

**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.

## 2.11.2 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.
2. Set the microphone volume, prompt sound volume, and the call volume. You can also enable **Touch Sound** to turn on the key sound.
3. Tap **Audio Inspection**. Then you can choose to operate audio inspection on **Speaker** or **Microphone**.
4. Tap **OK** to finish your inspection.

## 2.12 Person Permission

Set person's permission.

**Steps**

1. **Settings** → → **Configuration** → to enter this page.

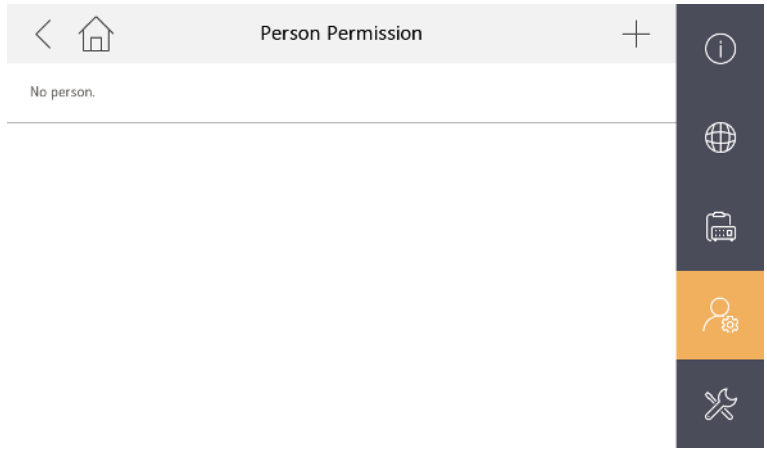



**Figure 2-28 Person Permssion**

2. Tap **+**, then you can set permission according to your actual needs.
3. Click **Save**.

**Note**

You can configure and synchronize door station's person permission information (including card, password) on indoor station.
After you add password or card to a person, you can see icon like appeared aside.

## 2.13 Via the mobile client

The device support adding to **Hik-Connect** and cofiguration remotely via the client.

### 2.13.1 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**.

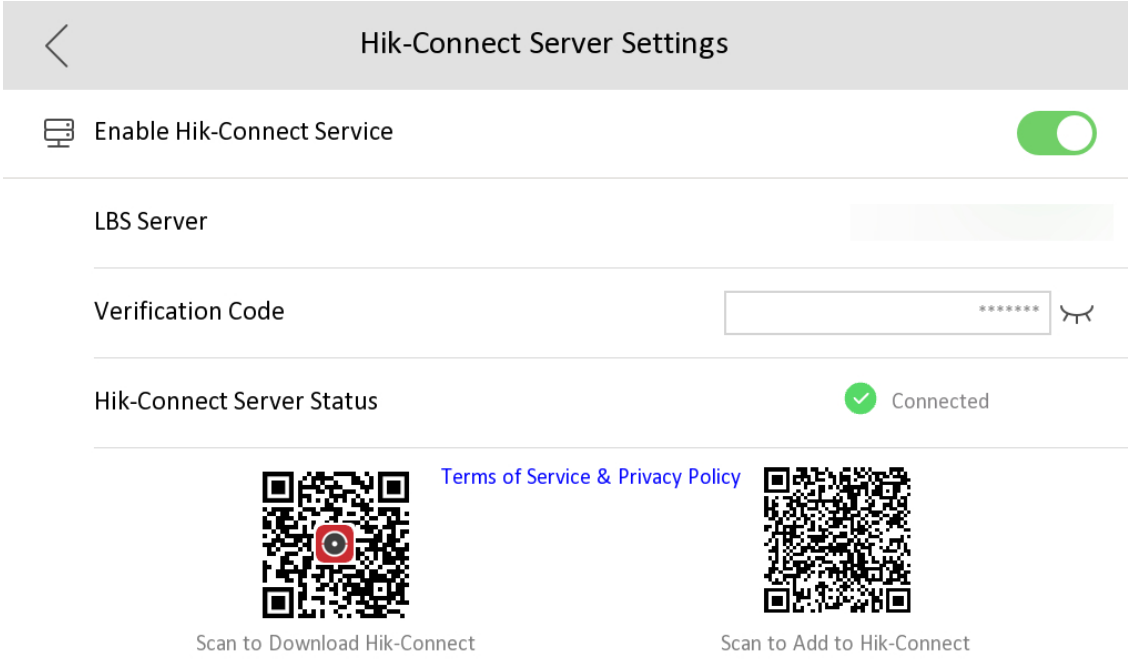



**Figure 2-29 Enable Guarding Vision Service**

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

   **Note**

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

4. **Optional:** Scan the QR code on the screen.

**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.

### 2.13.2 Unlink the Account

Remove the account from the mobile client.

**Steps**

1. Tap **Settings** → ☰ → **Configuration** , and enter the admin (activation) password.
2. Tap ⚒ to enter the system maintenance page.
3. Tap **Unlink App Account**, and follow the steps on the page.

# Chapter 3 Activation

## 3.1 Activate via iVMS-4200 Client Software

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.

   **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.

# Chapter 4 Other Operations on Device

## 4.1 Unlock Door

You can unlock the door by entering password.

Enter # + Room No. + password + # to unlock the door.

**Note**

- Password contains 6 digits.
- You're allowed to set 1 password via iVMS-4200 Client Software or local interface.
- The password varies according to different rooms.

## 4.2 Visitor Message

You can set leave message, and view the messages.

Tap **Settings** → → **Featured Function** , and enable **Leave Message**.

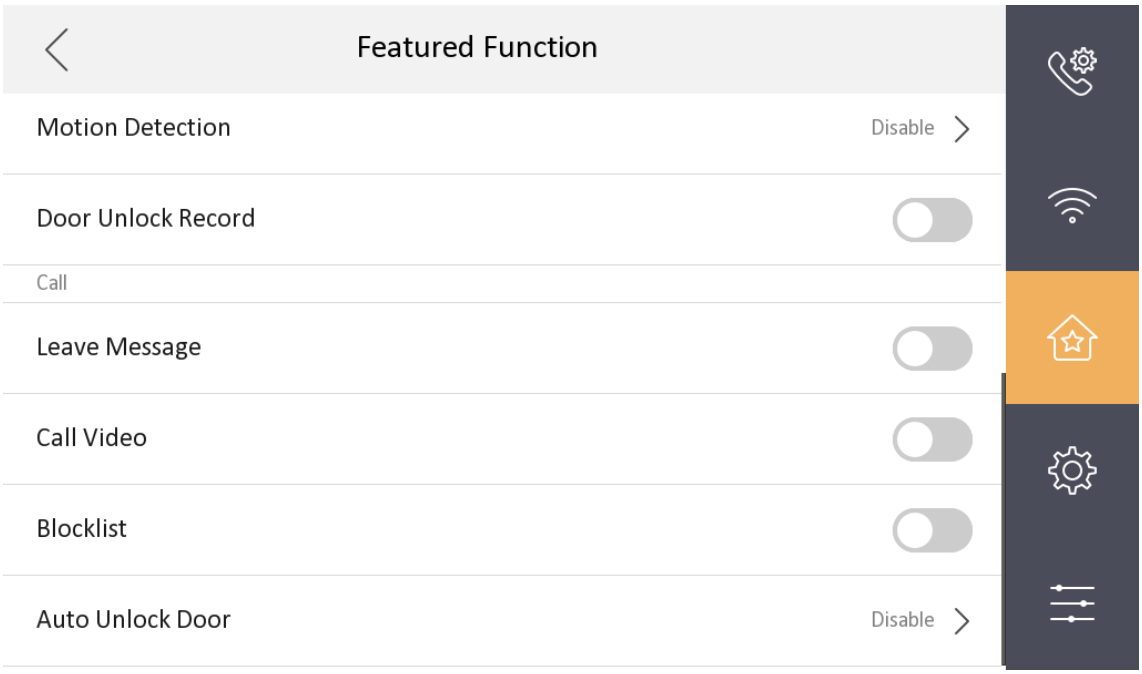



**Figure 4-1 Leave Message**

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

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

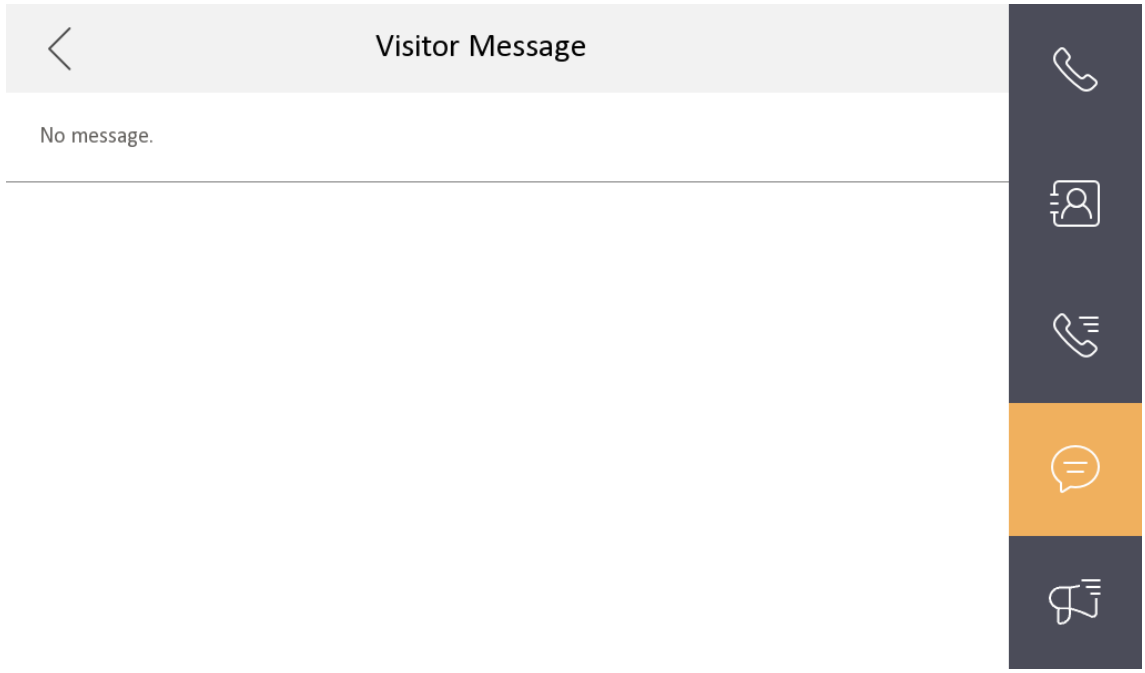



**Figure 4-2 Visitor Message**

**Note**

Up to 200 messages, notices, and capture pictures can be stored (with TF card inserted).

## 4.3 Arming Mode Settings

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

**Before You Start**

Tap **Settings** → → **Featured Functions** 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.

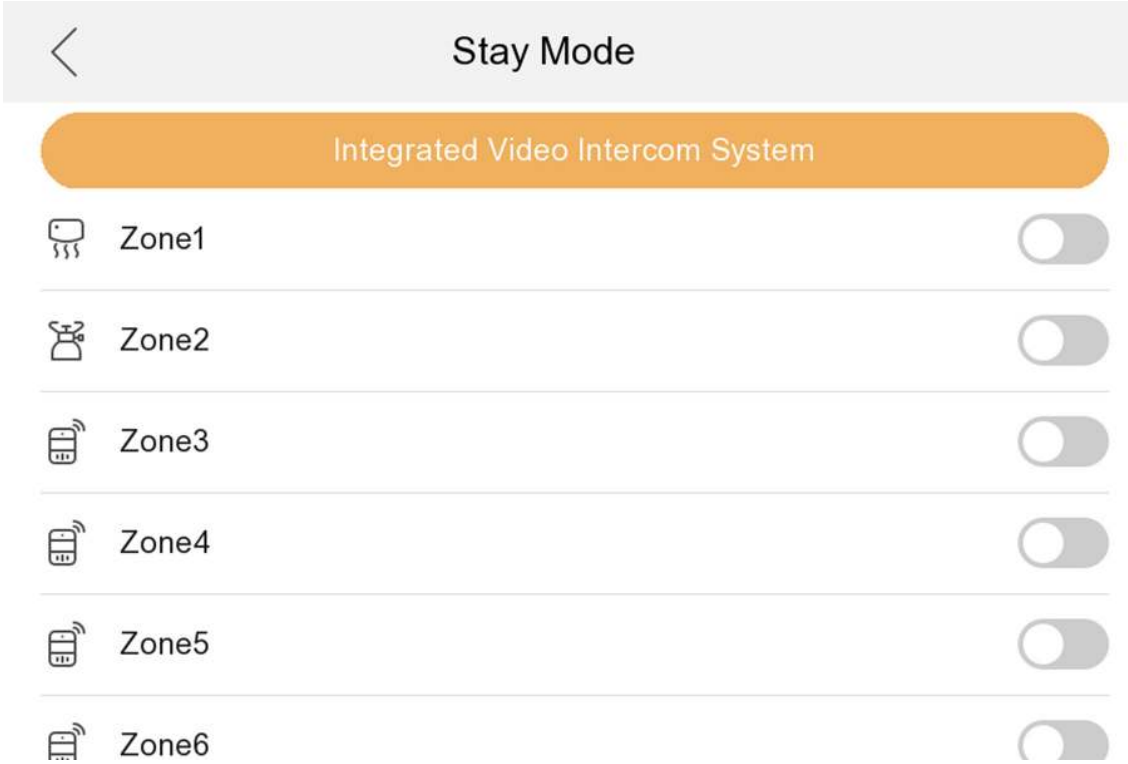



**Figure 4-3 Arming Mode Settings**

**3.** Arm the selected zone.

**Note**

- Zones are configurable on the arming mode page.
- 24H alarm zone including smoke detector zone and gas detector zone will be triggered even if they are disabled.
- Arming mode settings should be configured with the settings of arming status on the user page of the device.

## 4.4 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.

### 4.4.1 Arm Room

**Steps**

1. Tap → **One-Push to Arm** to enable the scene.
2. Tap to enter the scene page.

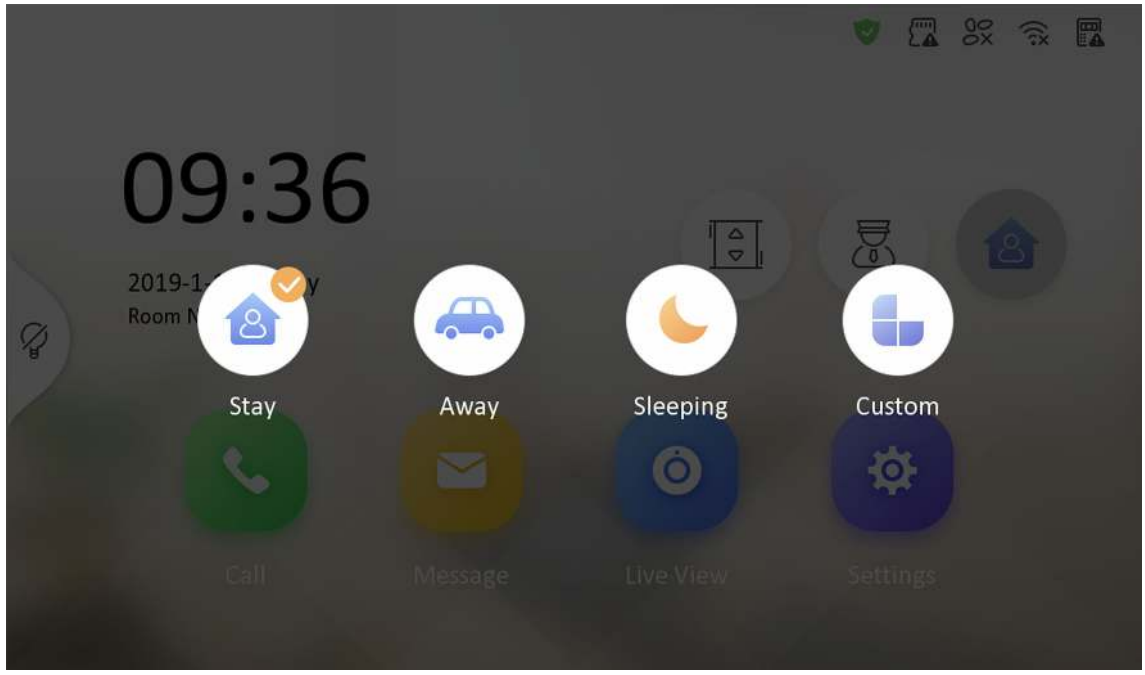



**Figure 4-4 Arm Settings page**

3. Select **Stay**, **Away**, **Sleeping** or **Custom**.
4. Enter the arm/disarm password to enable the scene.
5. Tap **OK**.

### 4.4.2 Disarm Room

**Steps**

1. Tap → **One-Push to Disarm** to disarm.

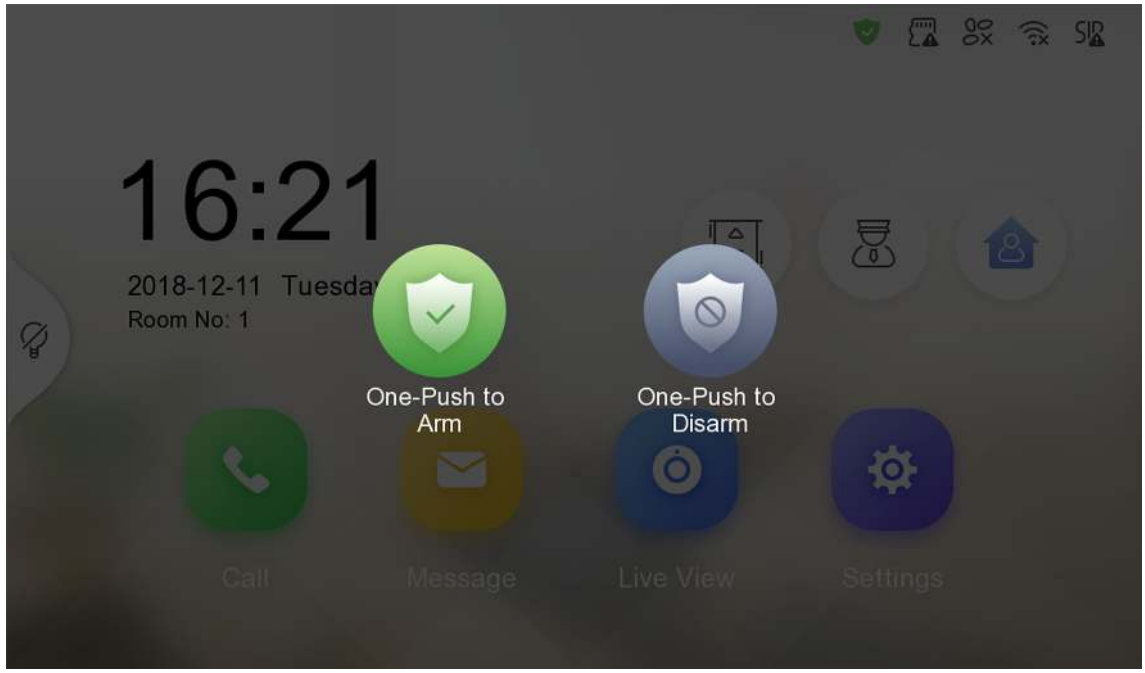



**Figure 4-5 Disarm Room**

**2.** Enter the arm/disarm password.

**3.** Tap **OK**.

## 4.5 Call Elevator

The indoor station supports calling the elevator.

**Before You Start**

Enable call elevator via iVMS-4200 Client Software.

**Steps**

**1.** Tap **Settings** → → **Featured Function** to enable **Call Elevator**.

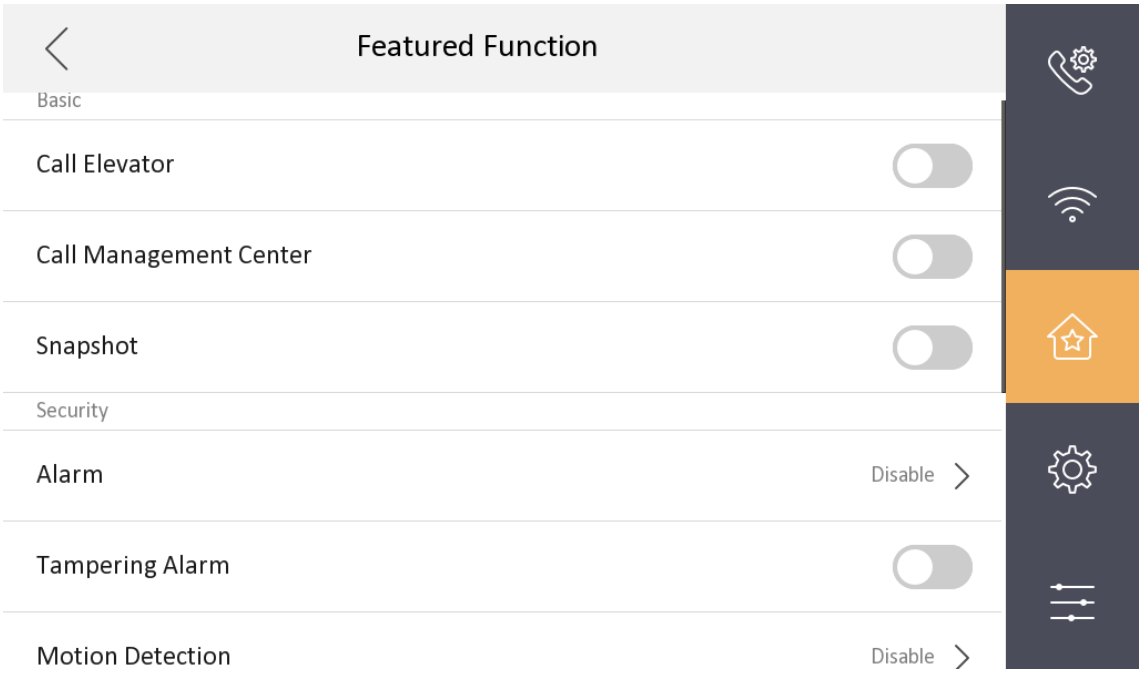



**Figure 4-6 Call Elevator**

2. Tap 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.

## 4.6 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** → → **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.

## 4.7 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.

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

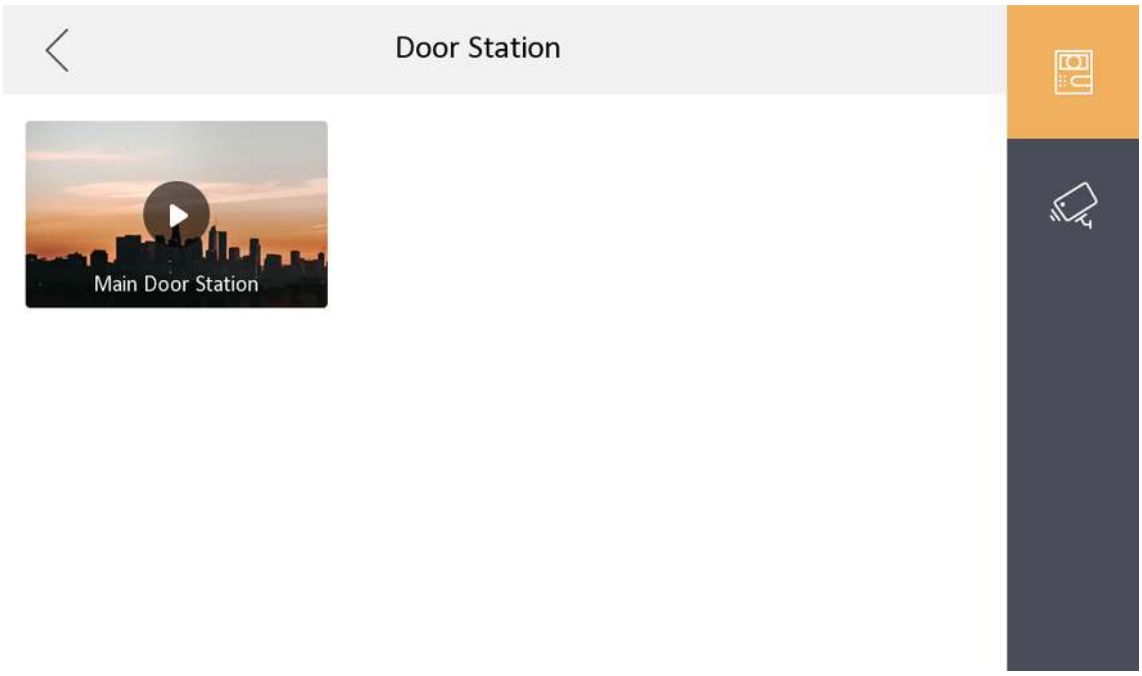



**Figure 4-7 Live View**

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.

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

## 4.8 Call Settings

### 4.8.1 Contact List--Blocklist

**Before You Start**

You need to enable **Blocklist** in **Featured Functions** page.

**Steps**

1. Tap **Call** → to enter the contact list page.
2. Tap to view the blocklist

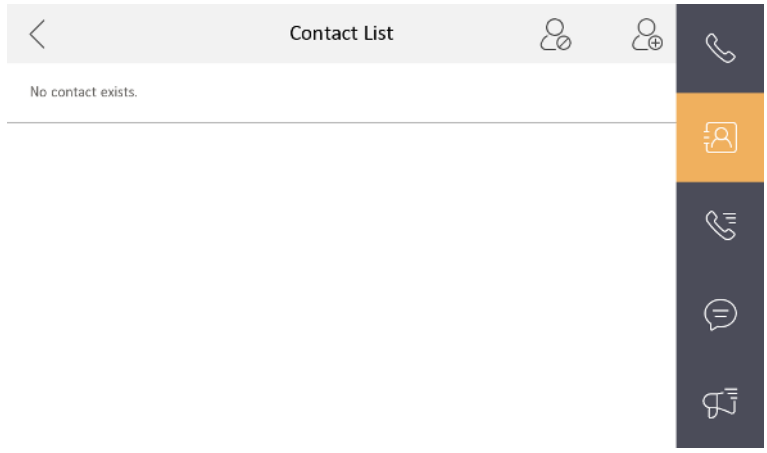



**Figure 4-8 Blocklist**

You can delete or edit your blocklist.

Person in the blocklist won't be able to call you.

### 4.8.2 Add Contact

**Steps**

1. Tap **Call** → to enter the contact list page.
2. Tap on the top right corner to pop up the contact adding dialog.
3. Enter contact information.
   - If you adopt private SIP protocol, enter the contact name and the room No.
   - If you adopt standard SIP protocol, enter the contact name and the phone number of VOIP account.
4. Tap **OK** to save the settings.

**Note**

Up to 200 contacts can be added.

5. **Optional:** Tap the call button or the edit button to call and edit the contact. Hold a piece of the contact and tap **Delete** to delete the contact. Or tap **Clear** to clear all contacts in the list.

### 4.8.3 Call Resident

**Steps**

**Note**

Only when the Call Management Center function is enabled, should the call center button be displayed. For details, see the configuration guide.

1. Tap **Call** → to enter the residents calling page.

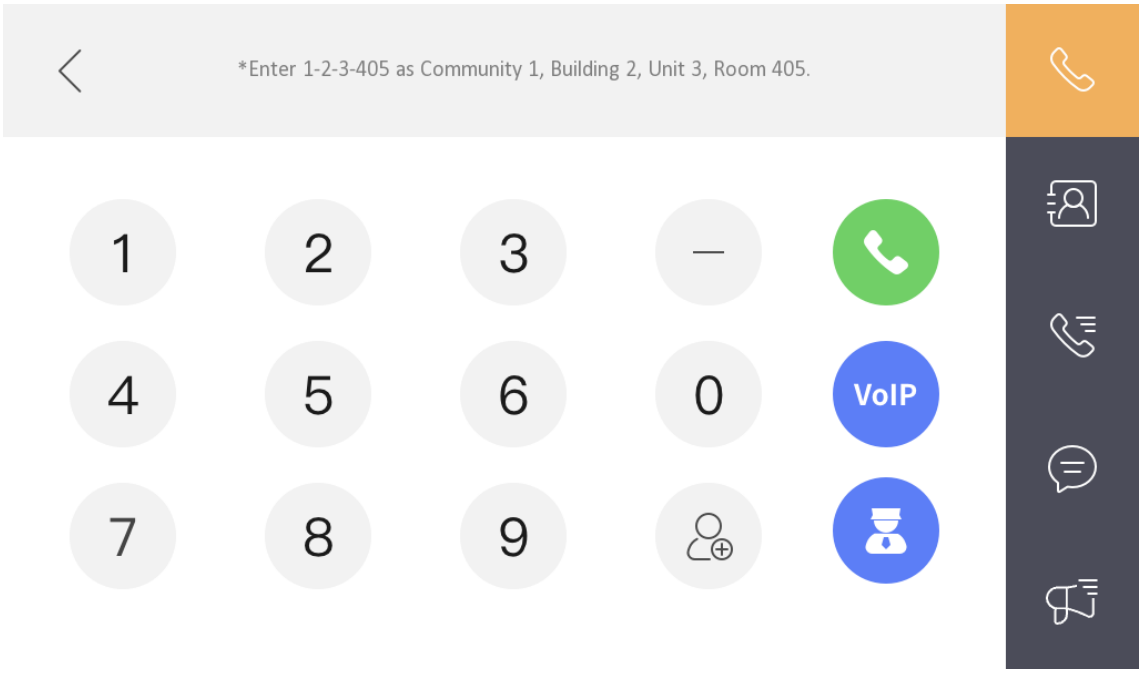



**Figure 4-9 Call Resident**

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.
4. **Optional:** Tap to call management center.
5. **Optional:** If you want to call VoIP contact, the calling number should be the phone number of VoIP account. Tap **VoIP** to start an audiovisual call.

### 4.8.4 Call Indoor Extension/Indoor Station

Tap **Call** on the main page to enter the calling page.

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.

### 4.8.5 Speaking Record

Quick speaking with selected rooms.

Enter the context of your task here (optional).

**Steps**

1. Tap **Message** → to enter this page.

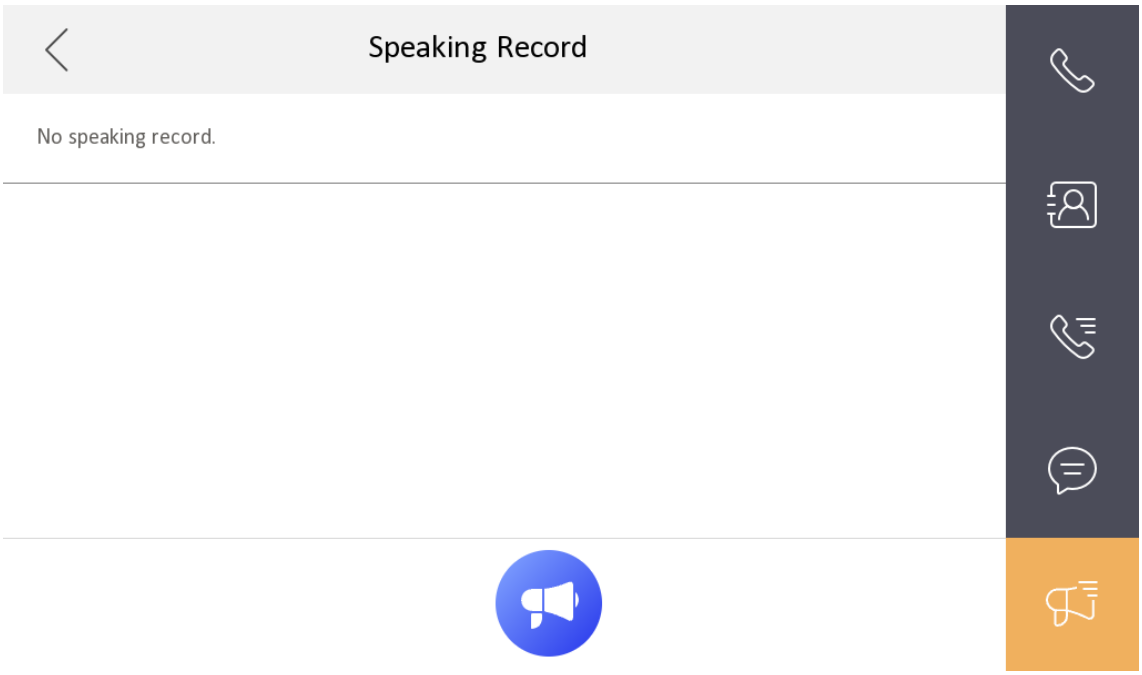



**Figure 4-10 Speaking Record**

2. Tap at the bottom of this page. Then you can select the rooms you want to speak to.

**Note**

You can choose **Select All** to choose all the indoor stations.
You can initiate quick calls with rooms selected no matter it's an indoor station or an indoor extension.

### 4.8.6 Receive Call

The indoor station and indoor extension can receive calls from the door station and the main station.

On the call from door station interface, 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 the live view picture when speaking with the door station. And prompts "Captured" will display on the screen.

### 4.8.7 View Call Logs

**Steps**

1. Tap **Call** → to enter the call log page.
2. Tap a piece of call logs in the list to call back.

**Note**

- Indoor extension does not support this function.
- The indoor station saves call logs from door station, outer door station, 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.

## 4.9 Information Management

You can view public notice, visitor message, event record and video record on information management page.

- Tap **Message** on the home page to enter the information management page. (Here takes **Event Record** as an example.)
  **Delete a Record**: Hold the item, you can delete it.
  **Clear Records**: Hold the item, you can clear all logs.
  **See Details**: Hold a record, you can see the details.

  **Note**

  You can view door unlock record, tampering alarm record and motion detection record on this page.

Tap **Message** → to enter the **Video Record** page.

Insert a TF card, enabling **Video Record** in **Featured Functions**, then you can view video records in **Video Record** page.

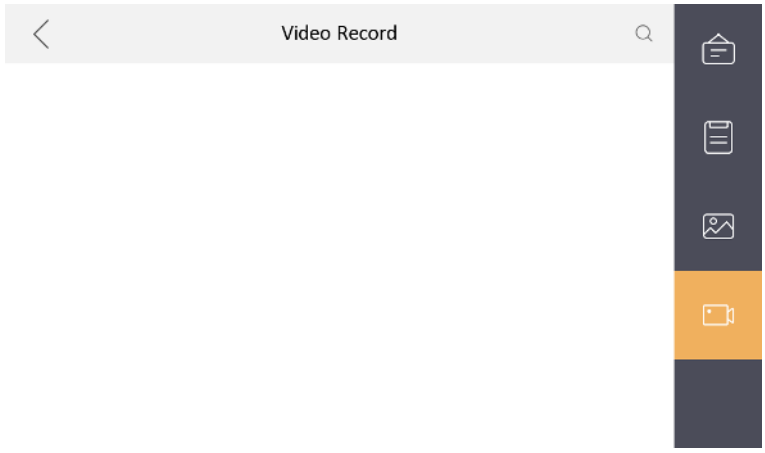



**Figure 4-11 Video Record**

**Note**

The function of video record is disabled by default.
When the TF card is not recognized, the switch in **Featured Function** is not operable, and a prompt message is displayed.

# Chapter 5 Client Software Configuration

## 5.1 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.

### 5.1.1 Add Video Intercom Devices

**Steps**

**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.

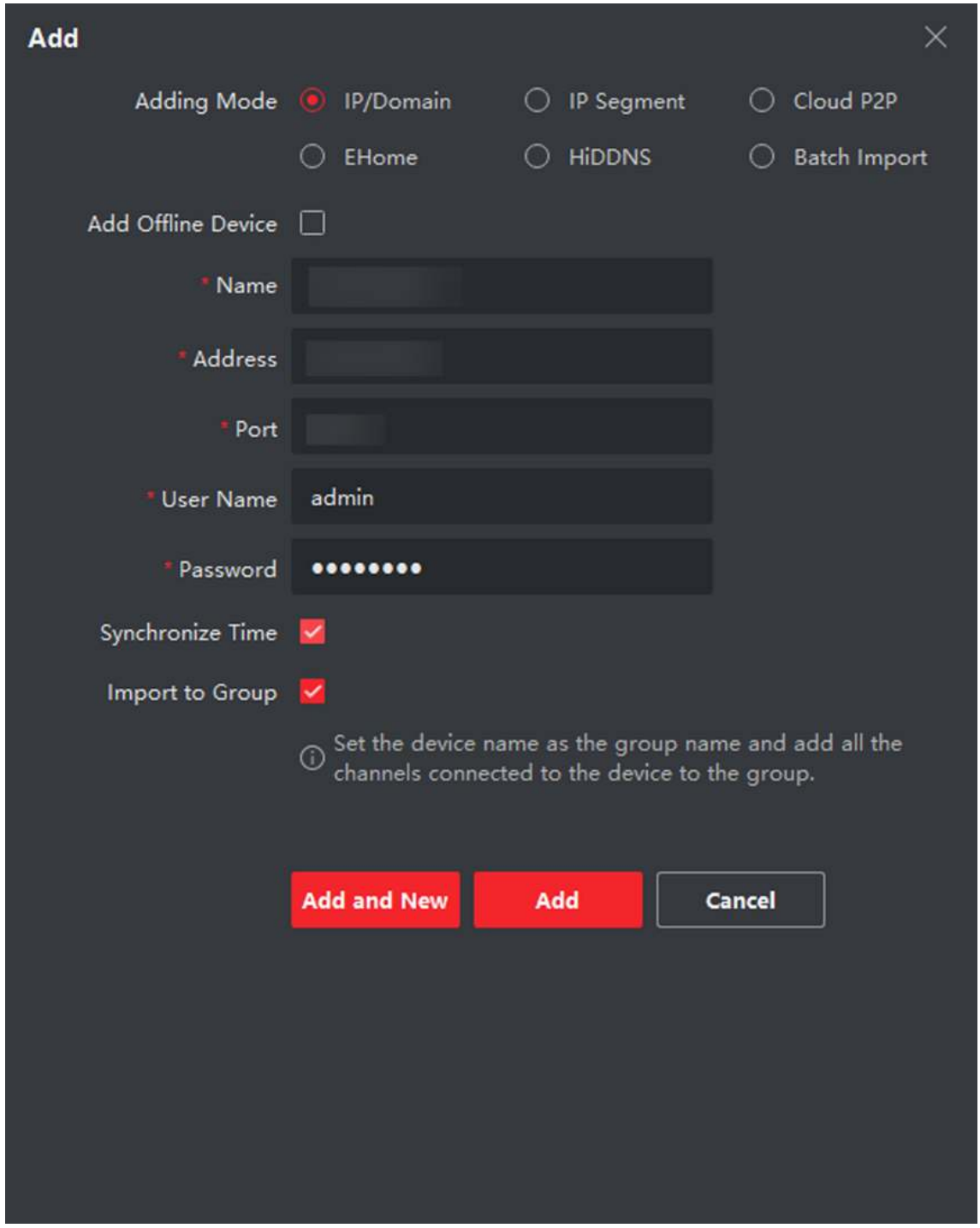



**Figure 5-1 Add the Device**

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.

**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.

**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.

### 5.1.2 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.

## 5.2 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.

## 5.3 Remote Configuration

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

### 5.3.1 System

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

## 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.

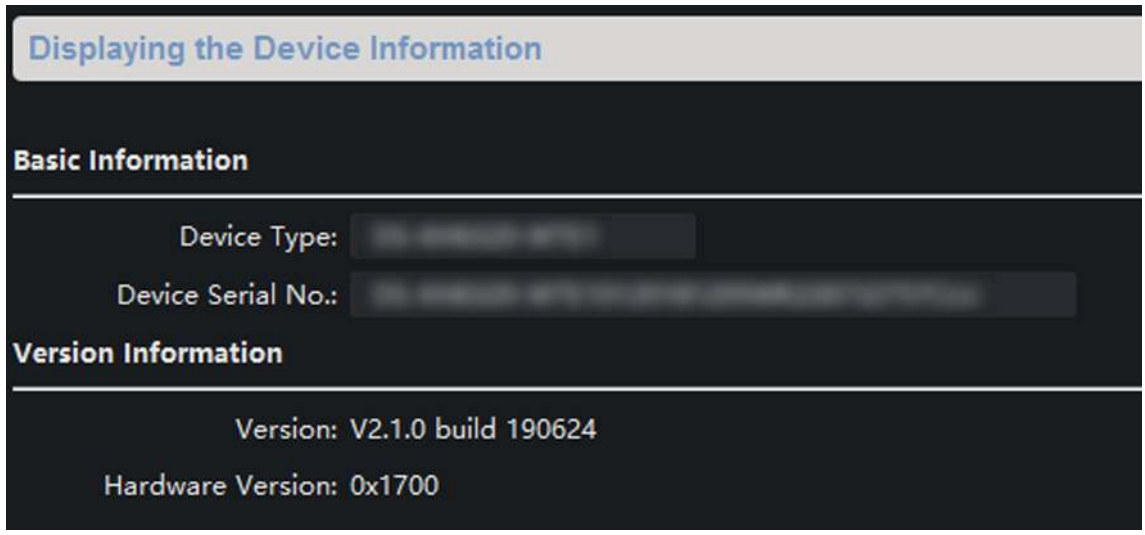



**Figure 5-2 Device Information**

## General

Click **General** to enter device general parameters settings page. You can view and edit the device name and device ID, and select overwrite record file.

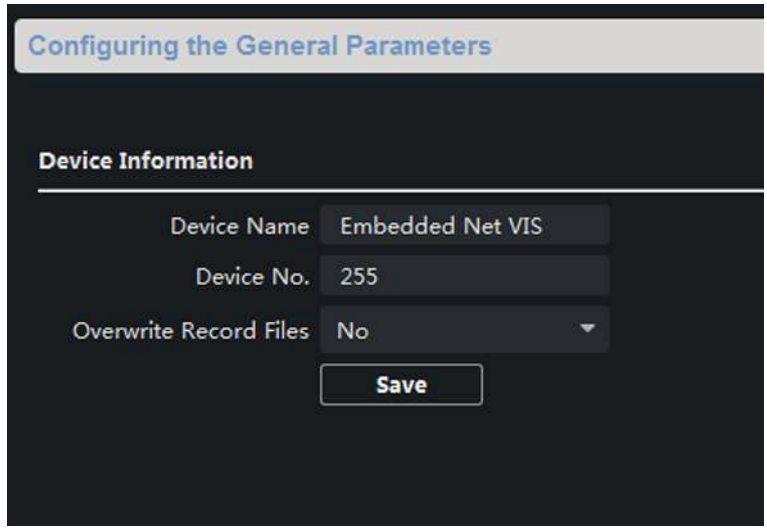



**Figure 5-3 General**

## Time

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

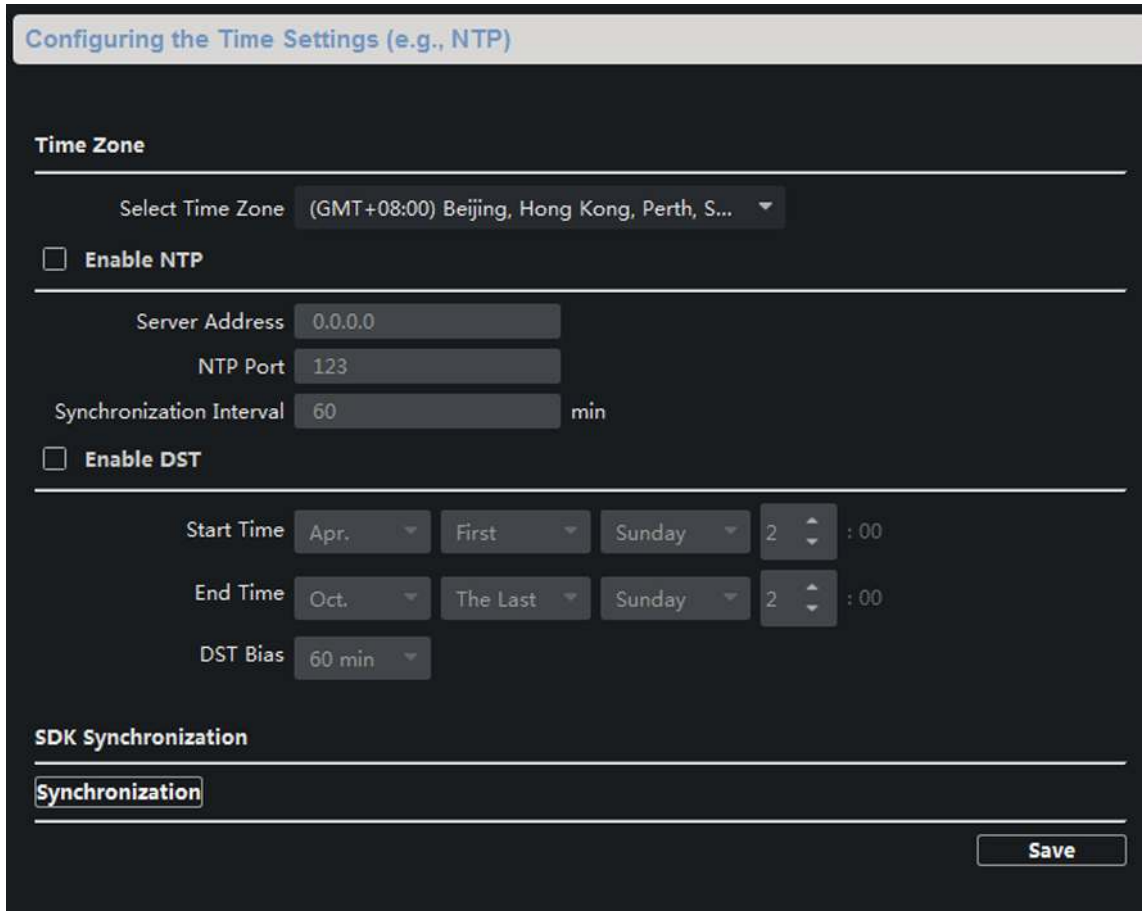



**Figure 5-4 Time Settings Page**

Select **Time Zone**, **Enable NTP**, **Enable DST**, or **SDK Synchronization**. Click **Save** to save the time settings.

- Time Zone: Select a time zone from the drop-down list menu.
- NTP: Click **Enable NTP**, and enter the server address, NTP port, and synchronization interval.

**Note**

The default port No. is 123.

- DST: Click **Enable DST**, and set the start time, end time, and bias.
- SDK Synchronization: Click **Synchronization**, and the system will synchronize the data to the SDK.

## System Maintenance

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

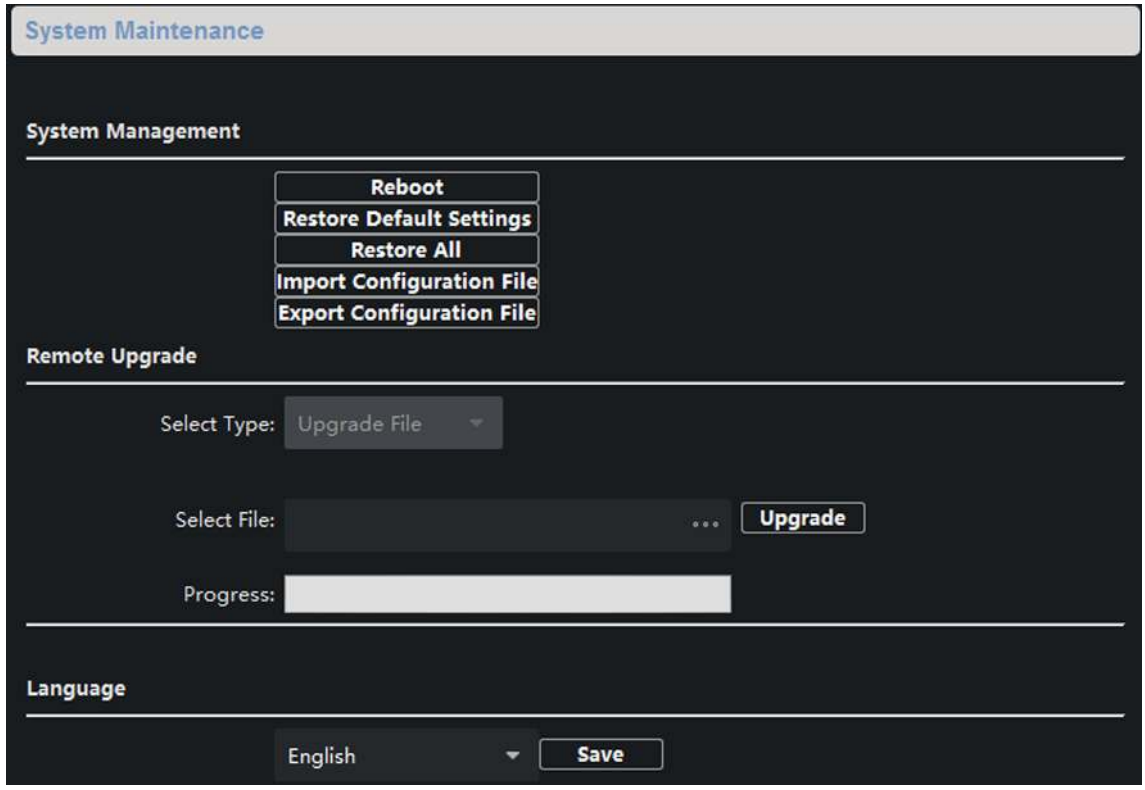



**Figure 5-5 System Maintenance**

- Reboot: Click **Reboot** and the system reboot dialog box pops up. Click **Yes** to reboot the system.
- Restore Default Settings: Click **Restore Default Settings** to restore the default parameters. All default settings, excluding network parameters, will be restored.
- Restore All: Click **Restore All** to restore all parameters of device and reset the device to inactive status.

**Note**

all default settings, including network parameters, will be restored. The device will be reset to inactivated status.

- Import Configuration File: 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.
- Export Configuration File: 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.
- Remote Upgrade: 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.
- Language: Select a language, and click **Save** to change the device system language.

**Note**

- The device supports 35 languages: English, Arabic, French, Russian, Spanish, Spanish (Latin America, Italian, German, Polish, Turkish, Portuguese, Portuguese (Brazil), Uzbek, Kazakh, Czech, Hungarian, Dutch, Romanian, Bulgarian, Ukrainian, Croatian, Serbian, Greek, Lithuanian, Estonian, Latvian, Norwegian, Danish, Slovenian, Slovak, Hebrew, Swedish, Finnish, Mongolian, Vietnamese, Traditional Chinese.
- 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 **Edit** to enter the user parameter page.

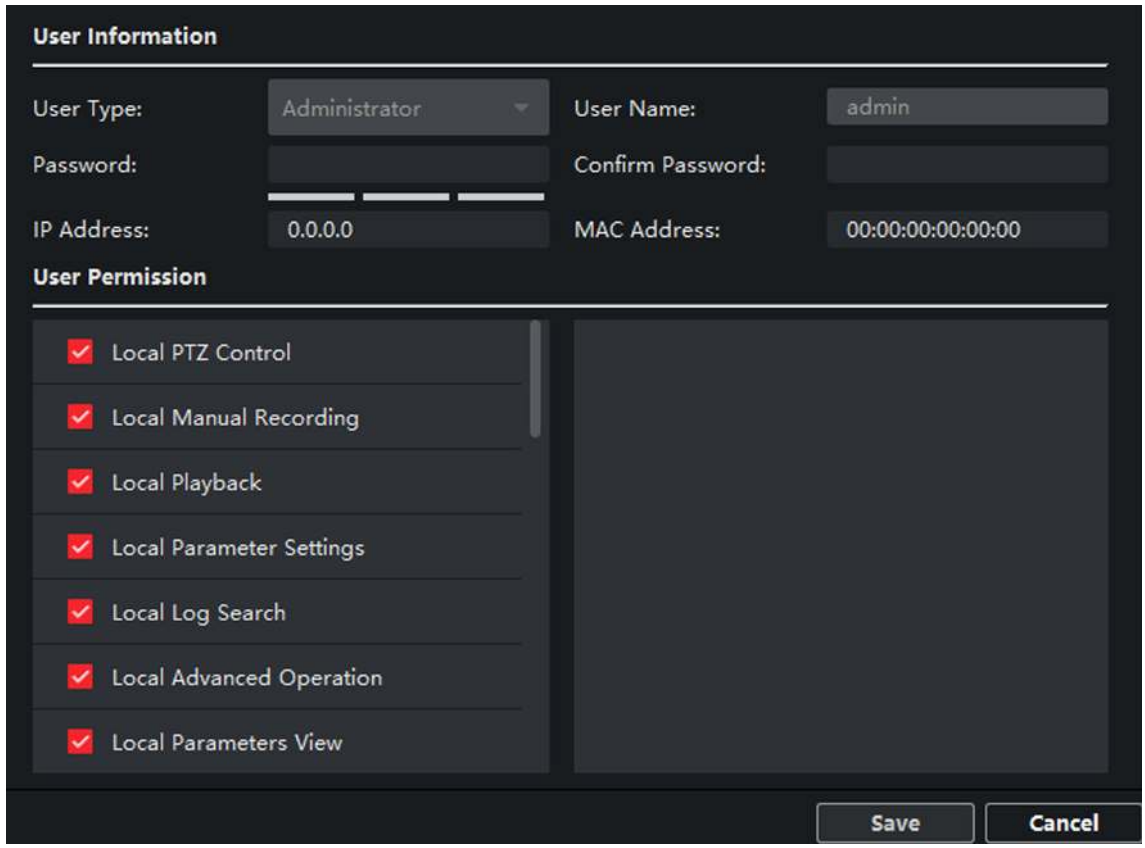



**Figure 5-6 User Page**

**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.

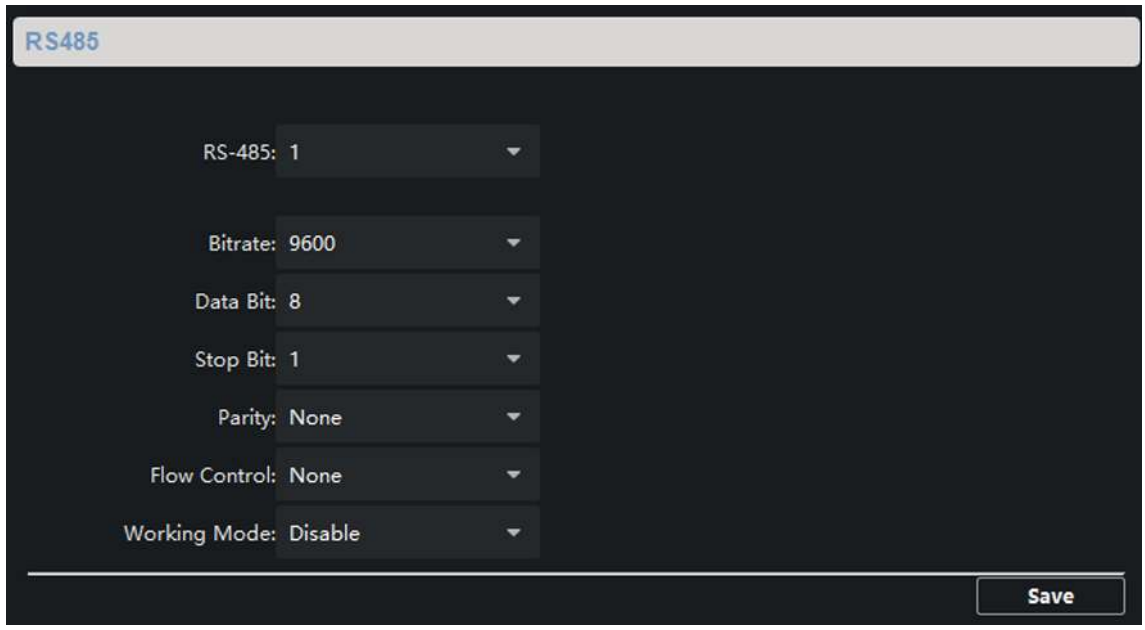



**Figure 5-7 RS-485 Settings**

**Note**

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

## Security

Click **Security** to enter the page. You can enable SSH or enable HTTPS on this page.
Click **Save** after configuration.

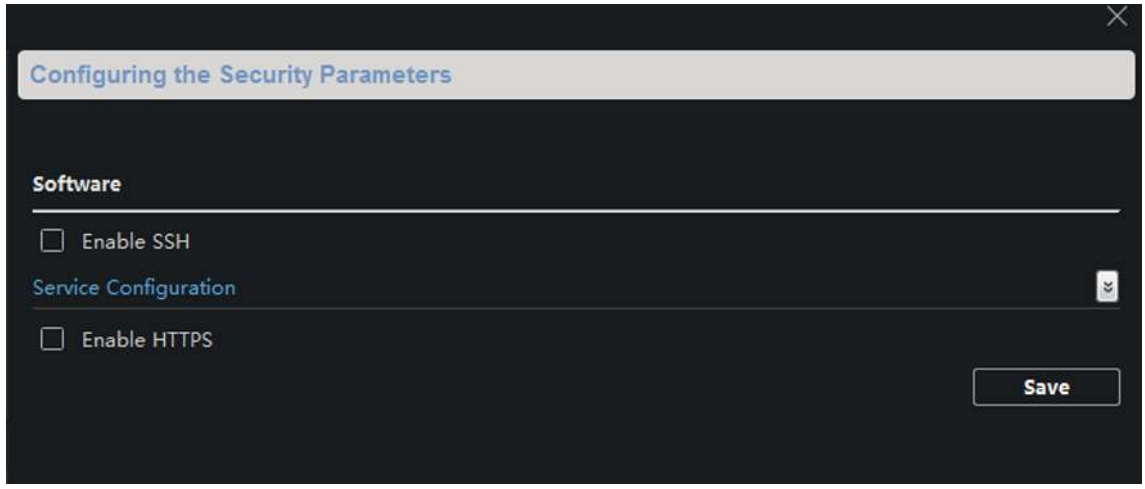



**Figure 5-8 Security**

## 5.3.2 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.

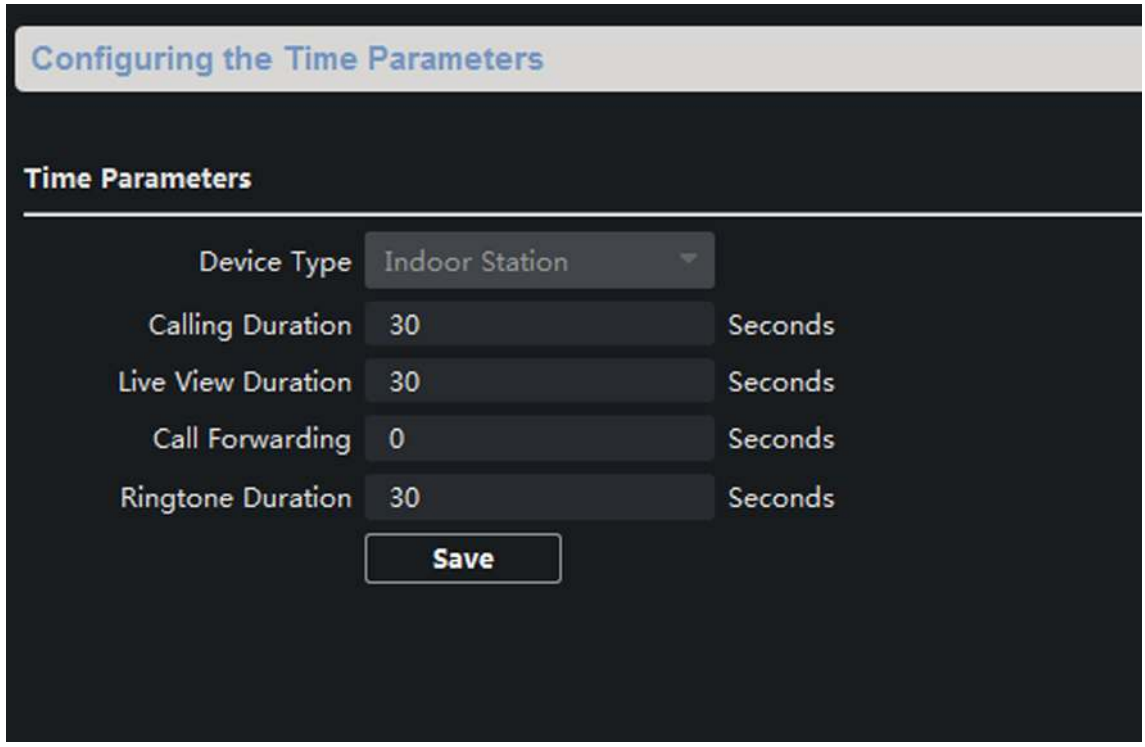



**Figure 5-9 Time Parameters**

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.

## Volume Settings

**Steps**

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

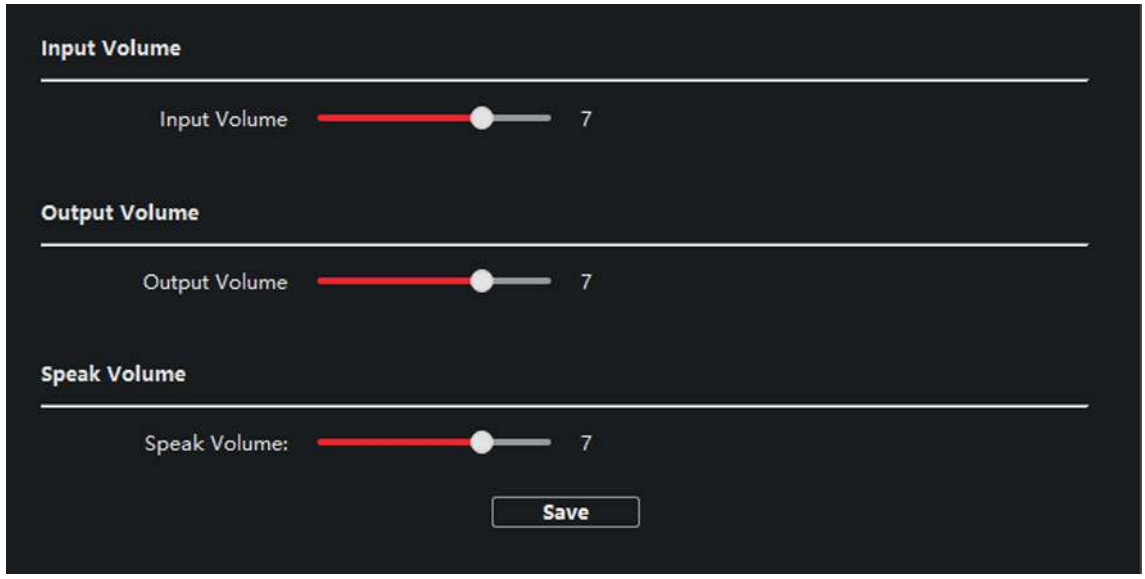



**Figure 5-10 Volume Input or Output**

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.

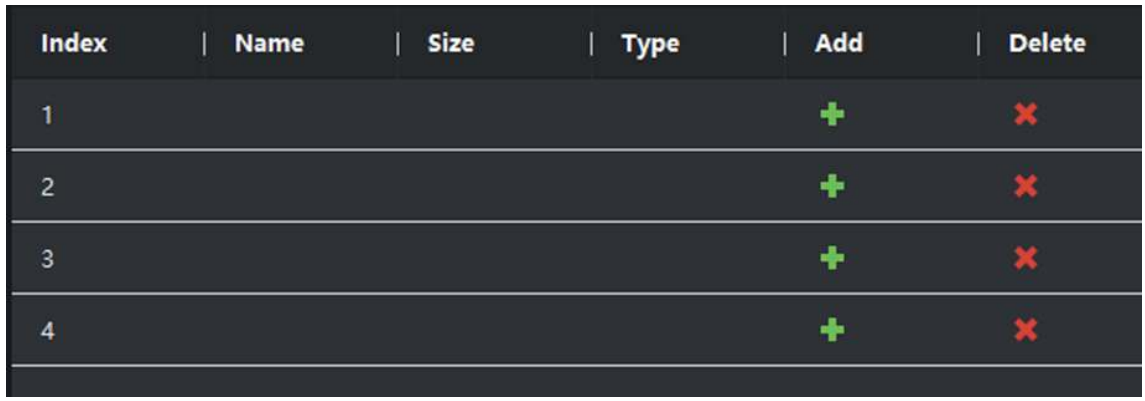



**Figure 5-11 Ring Import**

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.

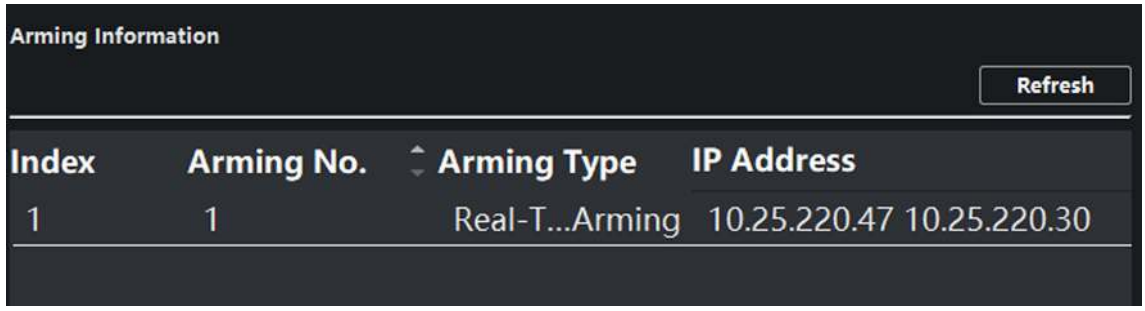



**Figure 5-12 Arming Information**

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

## SIP No. Settings

**Steps**

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

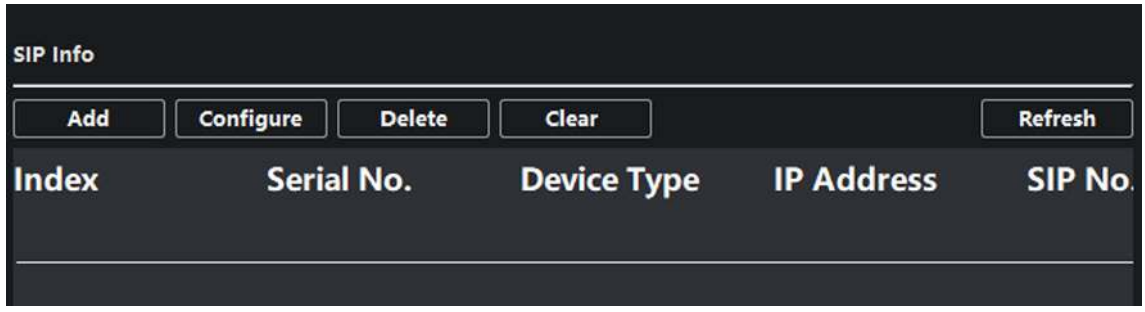



**Figure 5-13 Extension Settings**

2. Click **Add**.

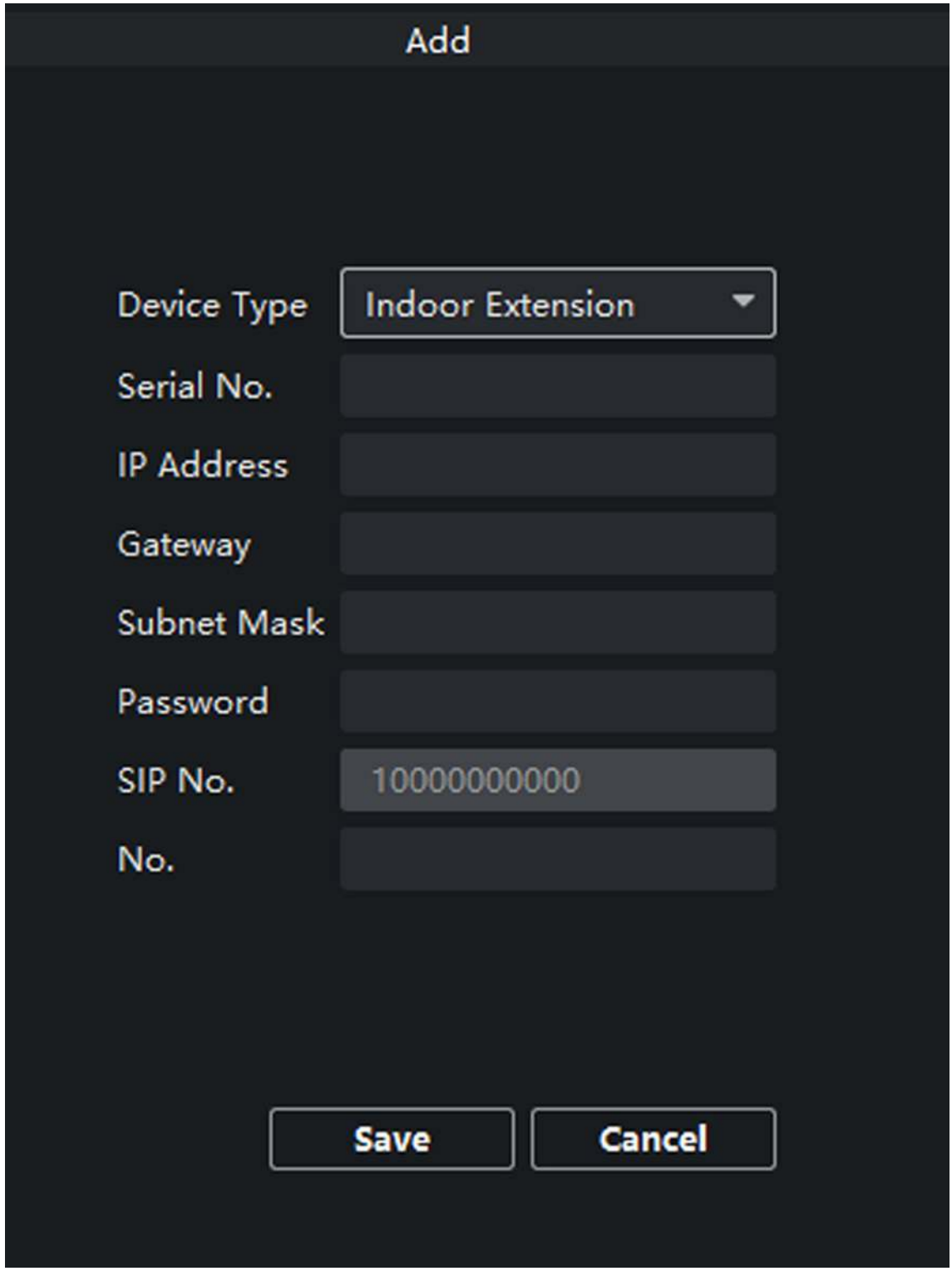



**Figure 5-14 Add SIP Info**

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. |

## Intercom Protocol

**Steps**

1. Select **Protocol** as **Private Protocol 1** or **Private Protocol 2**.
2. Click **save** to save the settings.

## Custom Button

**Steps**

1. Click **Custom Button** to enter time parameters settings page.
2. Select **Key Number** as 1, 2, 3 or 4 depending on which button you would like to custom.
3. Configure different functions for buttons by selecting different **Key Settings**.
4. **Optional:** Select **Open** in **Screen Display Parameters** area to display icons of **Call Management Center** or **Call Elevator** on the menu.

### 5.3.3 Network

#### Local Network Configuration

**Steps**

1. Click **Local Network Configuration** to enter the configuring the local network parameters page.

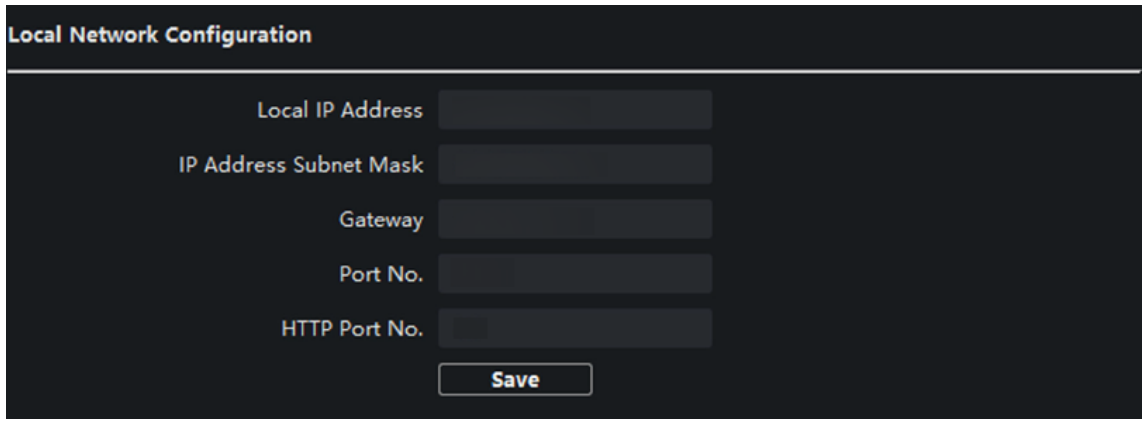



**Figure 5-15 Local Network Configuration**

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.

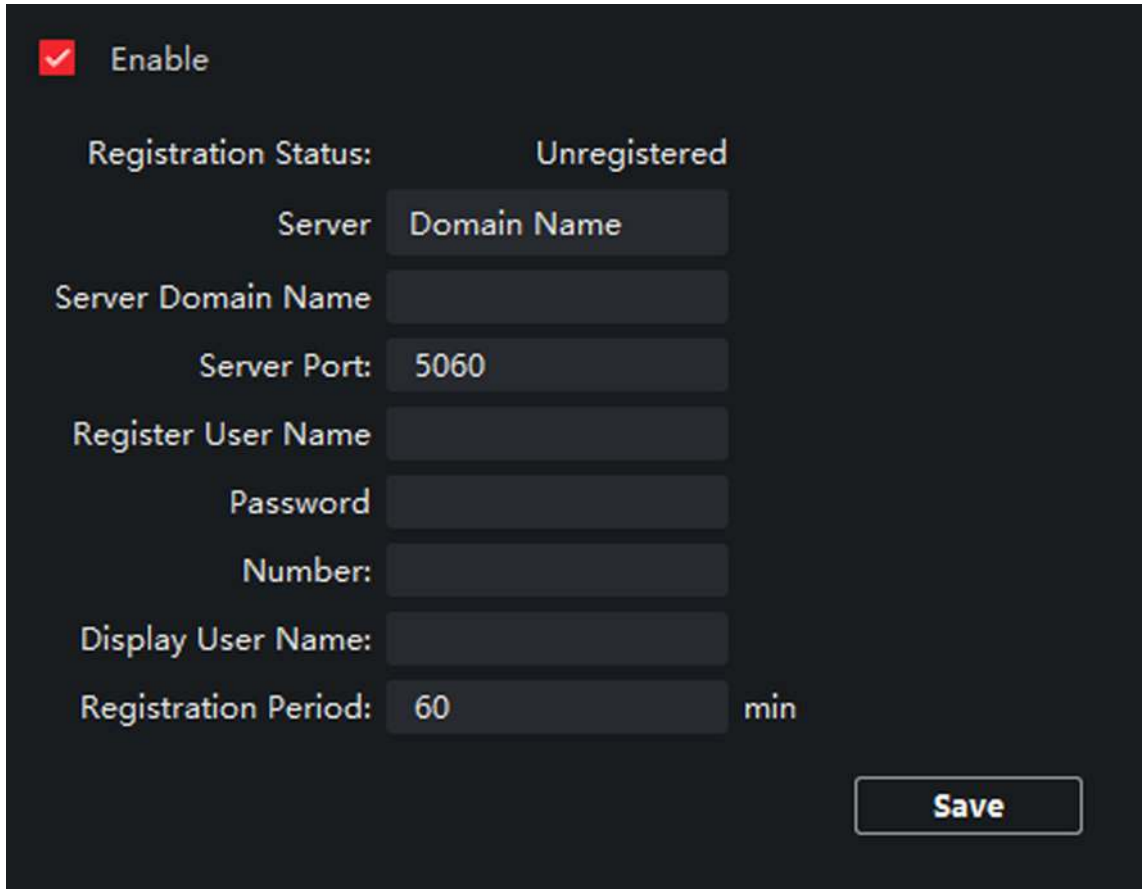



**Figure 5-16 SIP Server Configuration**

2. Click **Enable**.
3. Set the parameters according to your needs.

**Note**

- 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**.

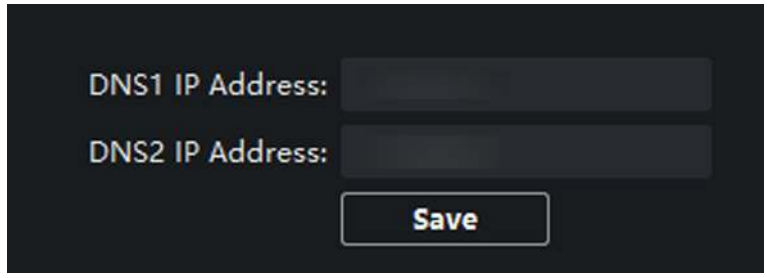



**Figure 5-17 DNS Settings**

## 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**.

**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.

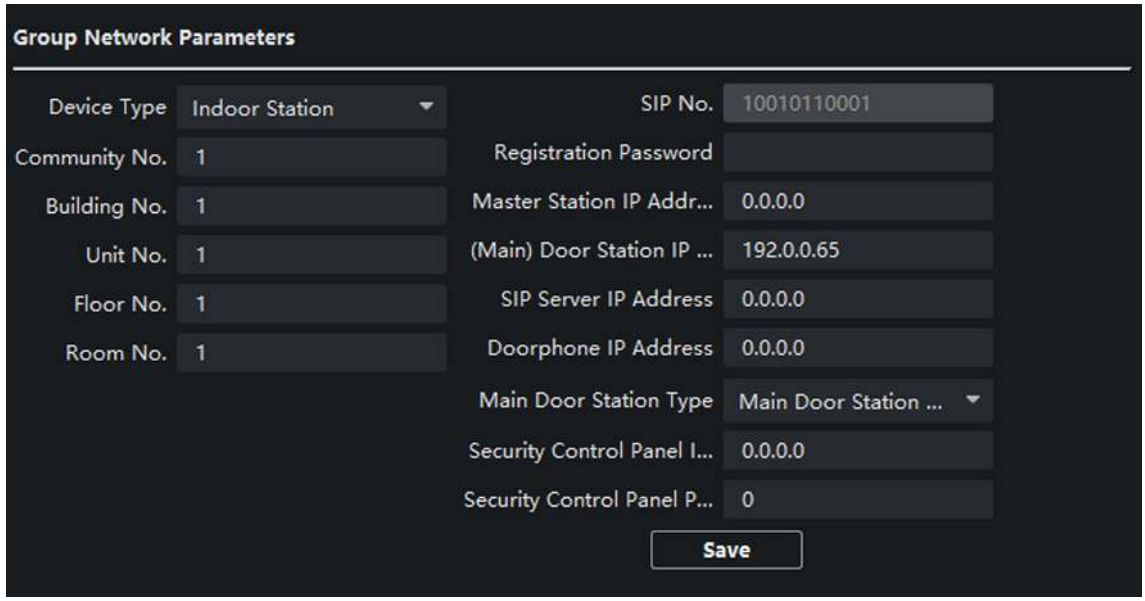



**Figure 5-18 Group Network Settings**

### 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.

## 5.4 Call Indoor Station via Client Software

**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.

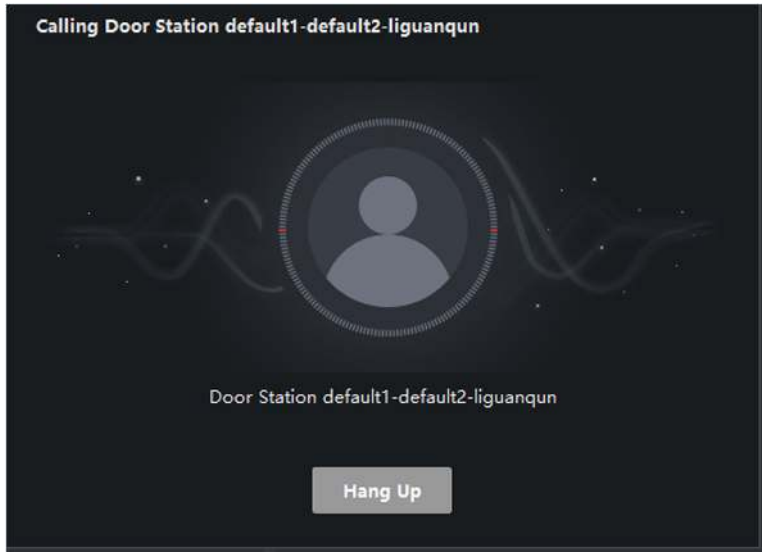



**Figure 5-19 Calling Indoor Station**

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.

**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.

## 5.5 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.

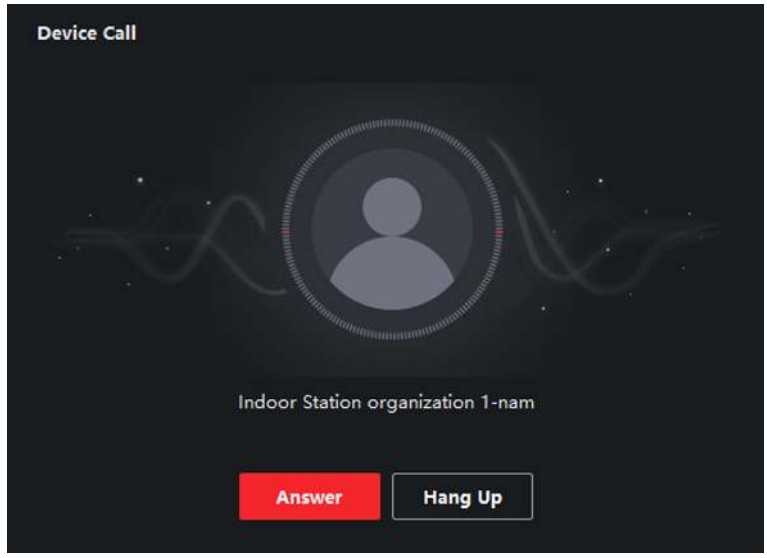



**Figure 5-20 Incoming Call from Indoor Station**

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.

**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.

## 5.6 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.

## 5.7 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.

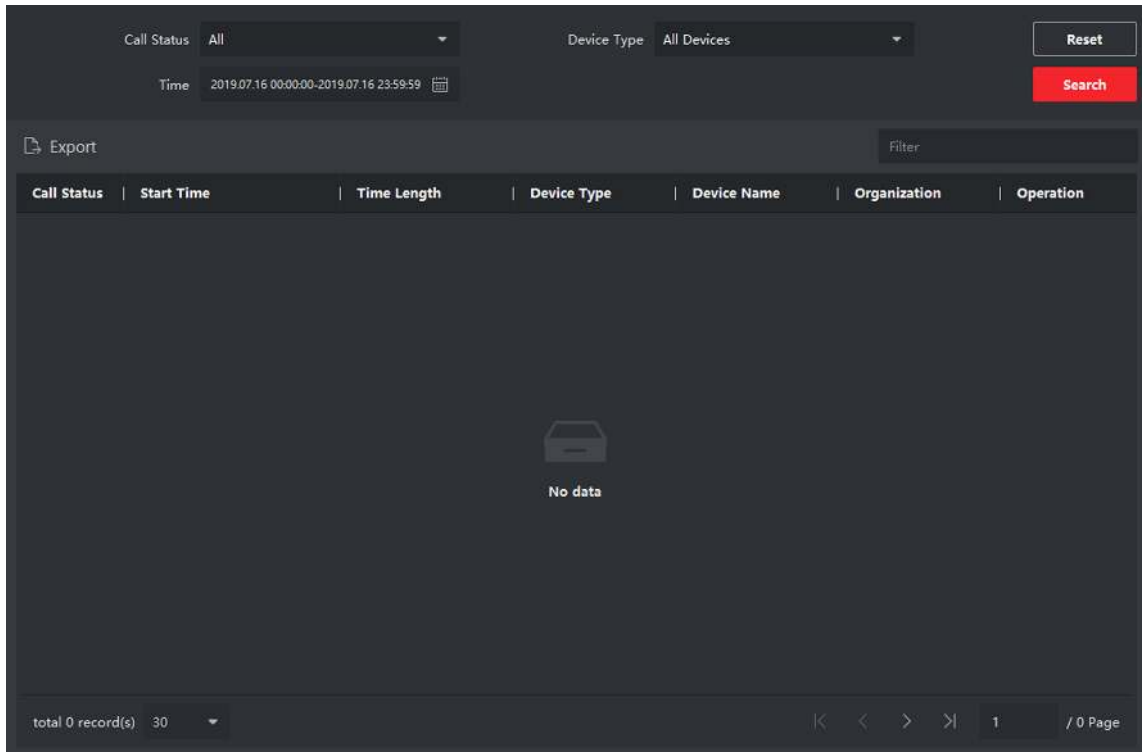



**Figure 5-21 Call Log**

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

## 5.8 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.

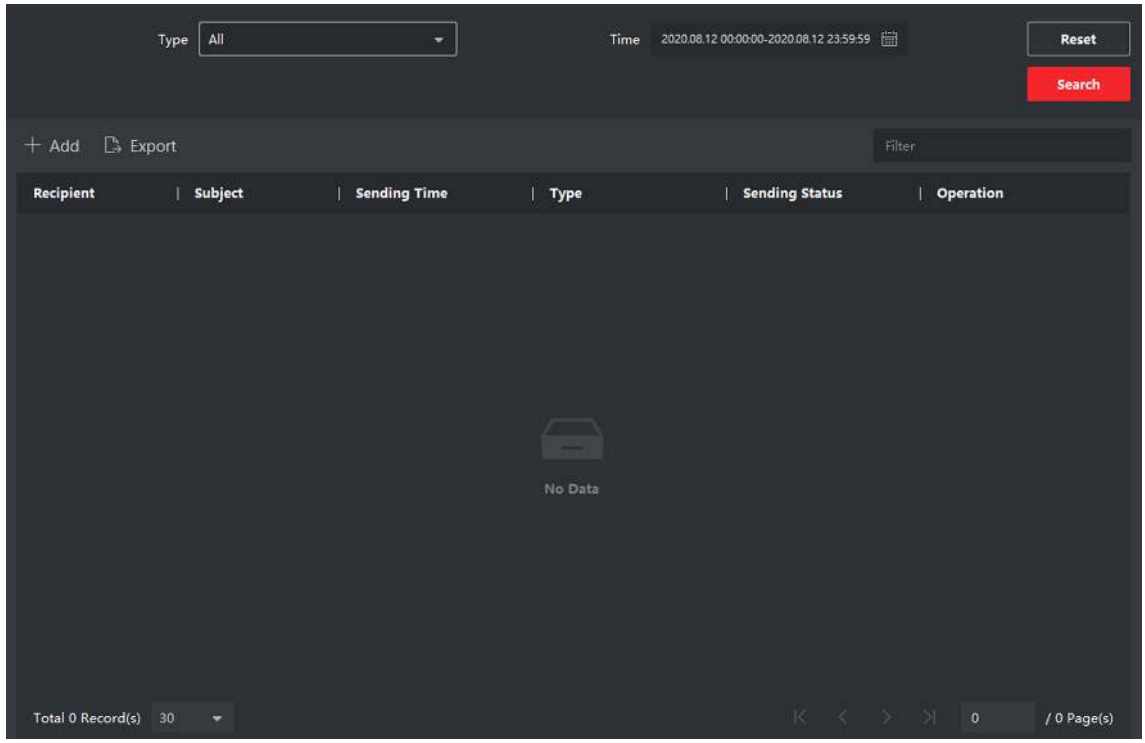



**Figure 5-22 Release Notice**

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

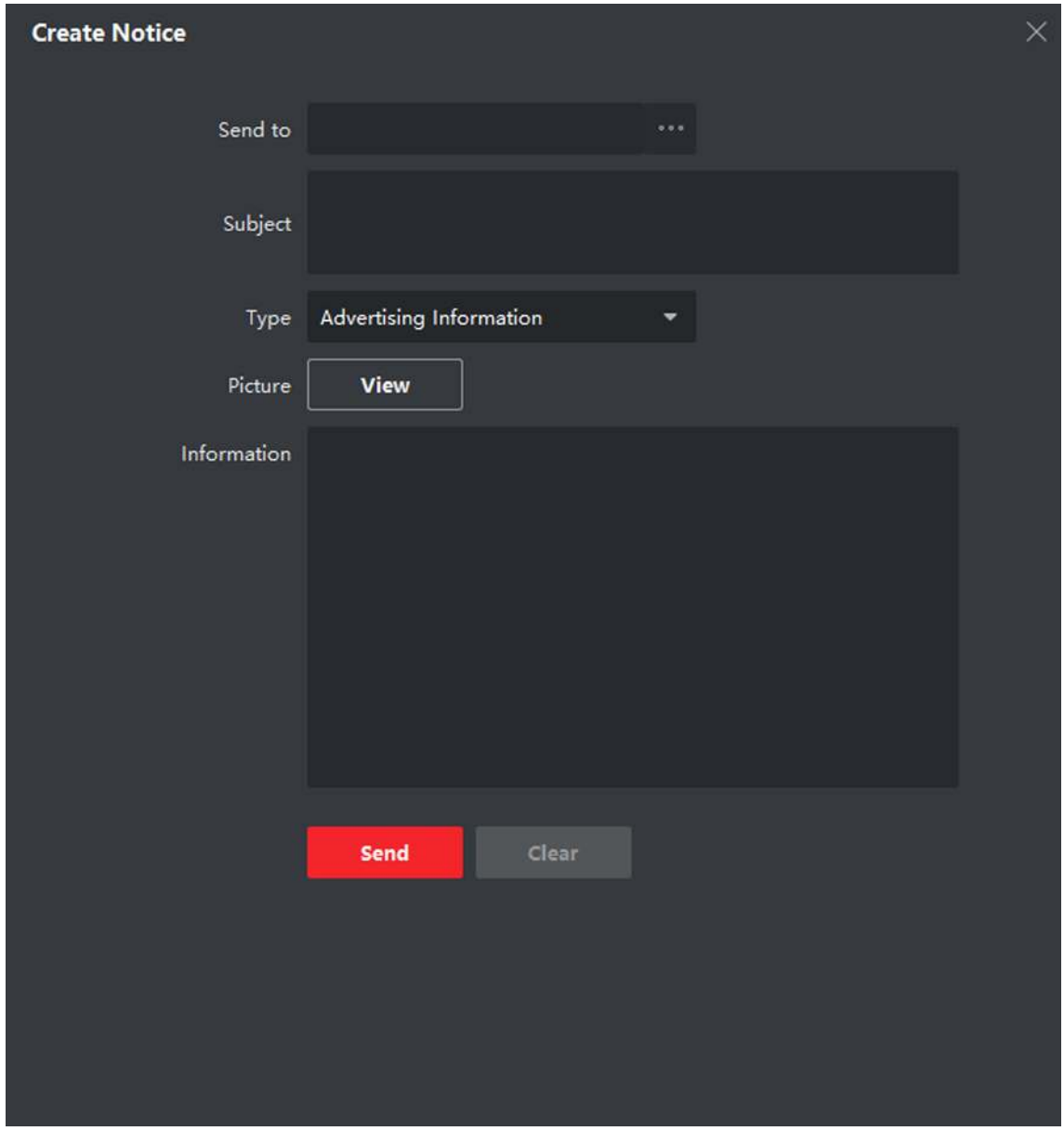



**Figure 5-23 Create a Notice**

**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.

## 5.9 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.

### 5.9.1 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.

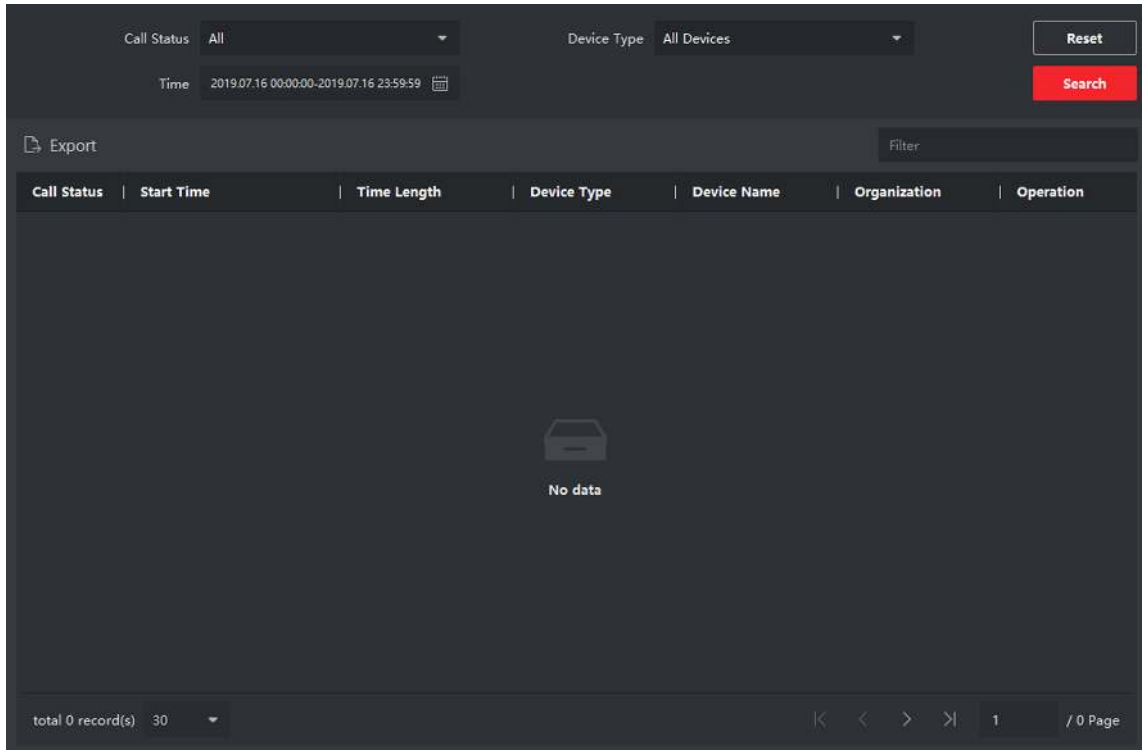



**Figure 5-24 Search Call Logs**

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.

### 5.9.2 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.

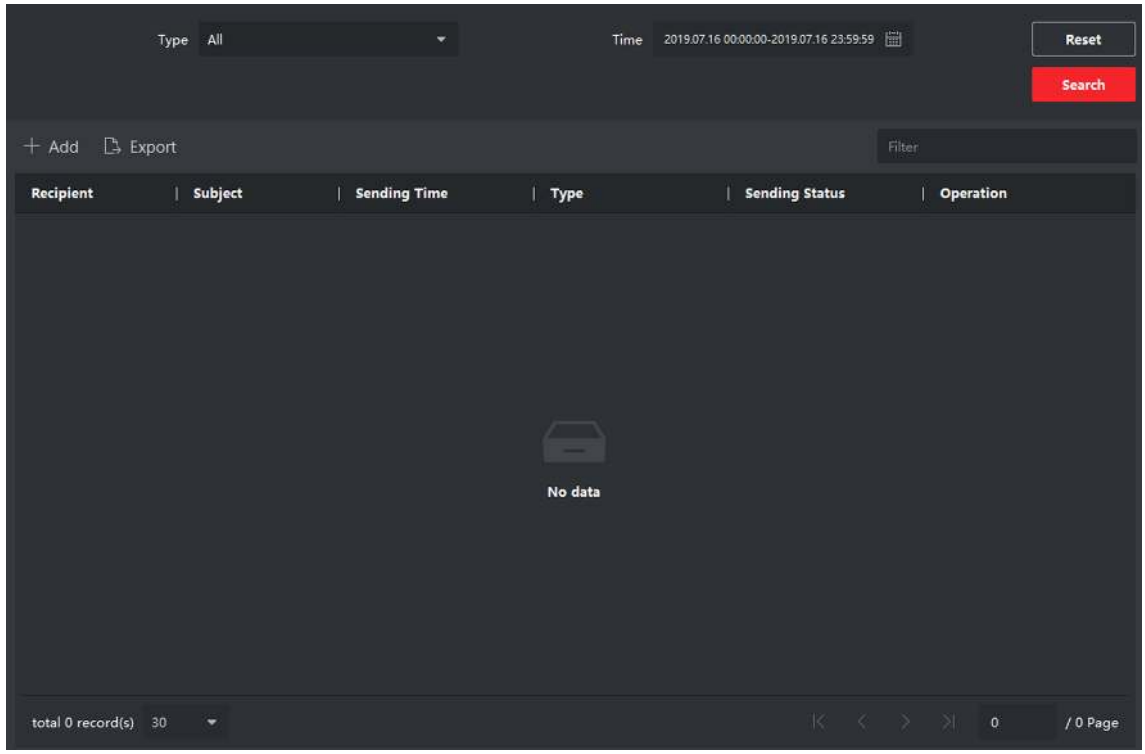



**Figure 5-25 Search Notice**

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. Relevant Instructions for External Power Supply and Wiring of 2-wire Video Intercom Products (2020-1-20)

## Power Description

### 2-Wire Distributor

| | | |
|---|---|---|
| DS-KAD706 | CH6 | CH1 to CH5 |
| | 16 W | 6 W |
| DS-KAD704 | CH4 | CH1 to CH3 |
| | 16 W | 6 W |

### Modular Door Station

The main module & the sub-module maximum power consumption.

| Model | Stable Power Consumption |
|---|---|
| DS-KD8003-IME2 | 4 W |
| DS-KD-KK | 0.8 W |
| DS-KD-KP | 1 W |
| DS-KD-DIS | 2.5 W |
| DS-KD-E | 0.8 W |
| DS-KD-M | 0.8 W |
| DS-KD-INFO | 1.5 W |

### Indoor Station

| Model | Stable Power Consumption |
|---|---|
| DS-KH6320-WTE2 | 6 W |

## Example of the Calculation Model of the Modular Door Station Sub-Module

The sum of the power consumption of each module must be less than the total power consumption of the power supply.

| 2-Wire | | | | | |
|---|---|---|---|---|---|
| Model | DS-KD8003-IME2 | DS-KD-DIS | DS-KD-KP | DS-KD-M | / |
| Quantity | 1 | 1 | 2 | 2 | / |
| Power | 4 W | 2.5 W | 2 W | 1.6 W | Total: 10.1 W |

Because 10.1 W ≤ 16 W, we can support powering this device through KAD706 channel 6 or KAD704 channel 4.

| 2-Wire | | | | |
|---|---|---|---|---|
| Model | DS-KD8003-IME2 | DS-KD-M | DS-KD-KK | / |
| Quantity | 1 | 1 | 12 | / |
| Power | 4 W | 0.8 W | 9.6 W | Total: 14.4 W |

Because 14.4 W ≤ 16 W, we can support powering this device through KAD706 channel 6 or KAD704 channel 4.

## Wire Testing Standards

- 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 twist pair in network cable are over 42 Ω/100 m, so network cable cannot transmit enough power to indoor station. Network cable is not allowed to use during installation.
- 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.

**Table A-1 Table A**

| Routing Path | Twisted Pair : 24 AWG (0.2 $mm^2$) | Twisted Pair : 20 AWG (0.5 $mm^2$) | Twisted Pair : 18AWG (0.8 $mm^2$) | Twisted Pair : 16AWG (1 $mm^2$) | Parallel lines (0.5 $mm^2$ to 0.8 $mm^2$) |
|---|---|---|---|---|---|
| DS-KAD706-S-DS-KAD706 | Transmission Distance ≤ 60 m | Transmission Distance ≤ 60 m | Transmission Distance ≤ 60 m | Transmission Distance ≤ 50 m | Transmission Distance ≤ 35 m |
| DS-KAD706-DS-KAD706 | Transmission Distance ≤ 60 m | Transmission Distance ≤ 60 m | Transmission Distance ≤ 60 m | Transmission Distance ≤ 50 m | Transmission Distance ≤ 35 m |
| DS-KAD706-DS-KD8003-IME2 | Transmission Distance ≤ 35 m | Transmission Distance ≤ 60 m | Transmission Distance ≤ 60 m | Transmission Distance ≤ 50 m | Transmission Distance ≤ 35 m |
| DS-KAD706-DS- KH6320-WTE2 | Transmission Distance ≤ 35 m | Transmission Distance ≤ 100 m | Transmission Distance ≤ 100 m | Transmission Distance ≤ 100 m | More parameters in Table B |

| Routing Path | Parallel lines: 24 AWG (0.2 $mm^2$) | Parallel lines: 20 AWG (0.5 $mm^2$) | Parallel lines: 18 AWG (0.8 $mm^2$) | Parallel lines: 16 AWG (1 $mm^2$) |
|---|---|---|---|---|
| DS-KAD706- DS-KH6320-WTE2 | Transmission Distance ≤ 50 m | Transmission Distance ≤ 100 m | Transmission Distance ≤ 100 m | Transmission Distance ≤ 100 m |

## Device Installation

- Installation environment (temperature, moisture etc.) need to follow requirements in specification or power output can be effected.
- Power consumption of modular door station (main module and sub modules) should be less than 12W. Please reach local technical support if you are not sure about power consumption of each module. Door station should be connected to CH6 of the video/audio distributor. If modular door station is connected to any terminal of CH1 to CH5, up to 3 sub modules can be connected.
- Indoor station should be connected to any terminal of CH1 to CH5 of the video/audio distributor.
- Up to 15 video/audio distributor can be cascaded. If more distributors are needed, you should cascade network switch supporting 1000 Mbps. The whole 2-wire system can have up to 500 devices.
- Power supply must be certified by Hikvision.
- Indoor station needs to use firmware released after October, 2019.

See Far, Go Further