

The logo features the word "HIKVISION" in a bold, italicized, white sans-serif font, set against a red background that has a white diagonal stripe on the left side.

HIKVISION

Video Intercom 9 Series Indoor Station

Configuration Guide

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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/>).

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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.

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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-KH9310-WTE1/DS-KH9510-WTE1

2 Local Operation

2.1 Activate Indoor Station

You can only 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 automatically.
2. Create a password and confirm it.
3. Tap **OK** to activate the indoor station.

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.

2.2 Configuration Settings

Configuration 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 Settings** →  to enter the network settings page.

Note

Enter activate password as the admin password.

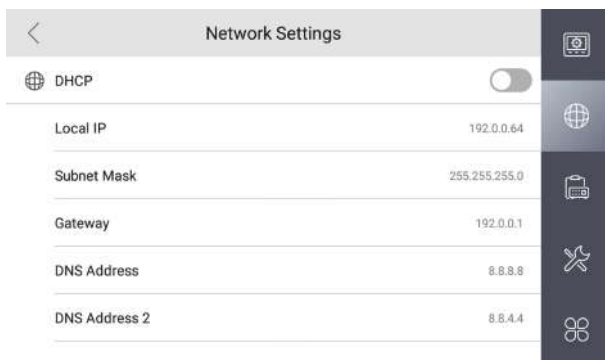


Figure 2-2 Network Settings

2. Enable **DHCP**, then the indoor station can search and get an IP address automatically.

Note

Skip the following steps if you have enabled DHCP.

3. Set the **Local IP**, **Subnet Mask** and **Gateway** manually.
4. Configure the DNS address according to your needs.

2.2.2 Set Linked Device IP

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

Steps

Note

Here take door station network settings as example.

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

 **Note**

Default admin password is the activation password.

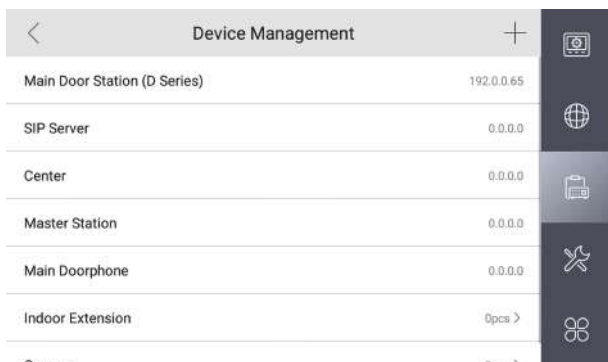


Figure 2-3 Device Management

2. Tap **Main Door Station** to pop up the device information dialog.

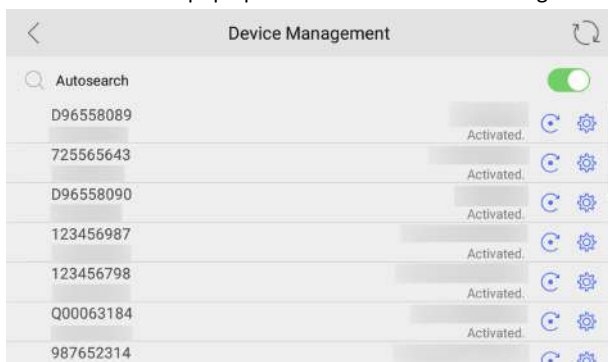




Figure 2-4 Device Information

Restore the door station via indoor station.

Tap  to restore the parameters of the door station.

Modify the IP address of the linked door station.

Tap  to modify the IP address of door station.

3. Select the device to link. Edit the network parameters.



2.2.3 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. and the room 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.

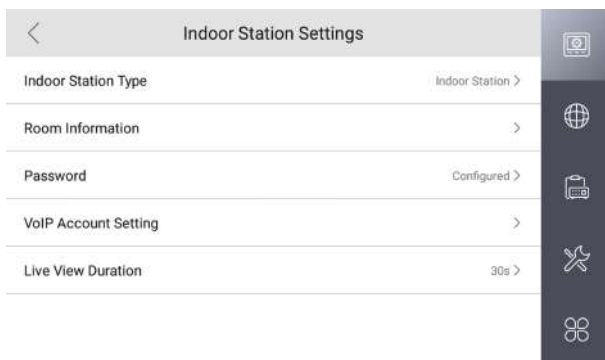


Figure 2-5 Set Indoor Station No.

2. Configure the indoor station and indoor extension informations.
 - Select **Indoor Station** as **Indoor Station Type**. Tap **Room Information** to edit the **Room No.**, **Community No.**, **Building No.**, **Unit No.**, **Floor No.** and **Room No.**
 - Select **Indoor Extension** as **Indoor Station Type**. Tap **Room Information** to edit the **Room Name** and **Extension No.**

2.2.4 Add Camera

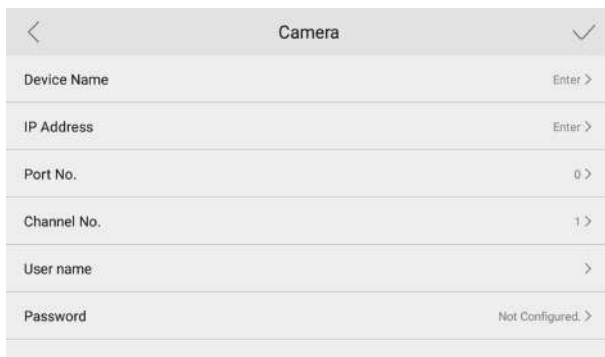
Steps

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

Note

Default admin password is the activation password.

2. Tap + to pop up the dialog box.
3. Tap **Camera** and **OK** to add.



Camera	
Device Name	Enter >
IP Address	Enter >
Port No.	0 >
Channel No.	1 >
User name	>
Password	Not Configured. >

Figure 2-6 Add Camera


4. Enter the device name and IP address.
5. Enter the port No. and channel No.
6. Enter the user name and password of the camera.
7. Tap **V** to add the camera.

2.2.5 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** →  → **Shortcut Settings** to enable **Zone Alarm Locally** functions.

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 2-7 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 Magnetic, 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 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 **Zone Alarm Locally**.

Steps

Note

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

1. 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.

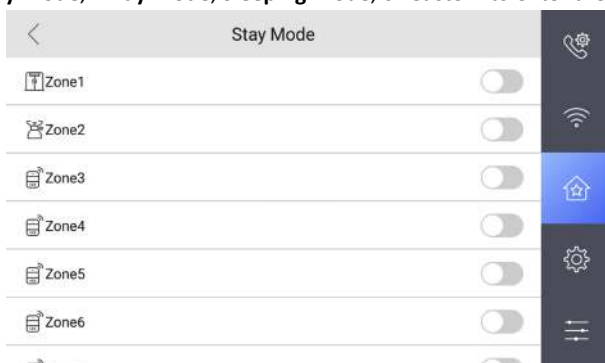


Figure 2-8 Arming Mode Settings

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 Password Settings

You can edit the duress code, unlock password and arm/disarm password of the indoor station.

You can edit the arm/disarm password of the indoor extension.

Steps


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



Figure 2-9 Password Settings

2. Tap **Unlock Password**, **Arm/Disarm**, or **Duress Code** to pop up the password settings dialog box.

Unlock Password


Enter the unlock password and room No. on the door station to open the door.

Arm/Disarm

Create an arm/disarm password before configuring alarm parameters.

Arm or disarm the zone for the indoor station by entering the arm/disarm password.

Note

Arm/Disarm settings page is hidden by default. Tap **Settings** →  → **Shortcut Settings** to enable **Zone Alarm Locally**, you can edit the alarm parameters.

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.

3. Enter the old password.

4. Create a new password and confirm it.
5. Tap **OK** to save the settings.

 **Note**

Indoor Extension only supports admin password and arm/disarm password.

6. Enable **Switch Scene without Password** and enter the arm/disarm password. There is no need to enter the password during scene mode switching.

2.4 Synchronize Time

Steps


1. Tap **Settings** →  → **Time** to enter the time settings page.
2. Synchronize the system time.
 - Configure the **Date Format**, **Time Format**, **Date Settings** and **Time** manually.
 - Tap **Sync Time** to enable NTP.



Figure 2-10 Sync Time

Set the synchronizing interval, enter the IP address/domain of NTP server and port No., and select the time zone.


 **Note**

The default unit of synchronizing interval is minute.

2.5 Sound Settings

You can set the ringtone, ring duration, call forwarding time, volume of microphone and loudspeaker and enable/disable touch sound on call settings page.

Steps

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

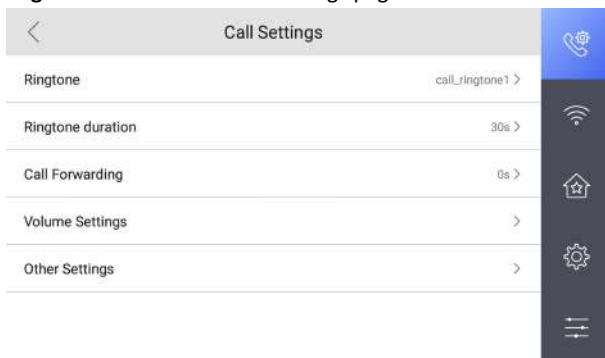


Figure 2-11 Call Settings

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.

Call Forwarding

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.

Volume Settings

Adjust the prompt sound volume, call volume and touch sound.

Note

Indoor Extension does not support the ring duration settings, or call forwarding settings.

2.6 Restore Indoor Station

Steps

1. Tap **Settings** →  → **Configuration** →  to enter the restore default settings page.

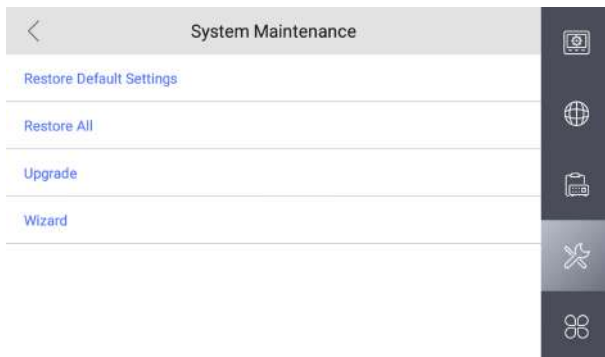



Figure 2-12 Restore Default Settings

2. Tap **Restore Default Settings** to restore the default settings and reboot the system.
3. Tap **Restore All** to restore all parameters and reboot the system.

2.7 System Settings


Language

Tap **Settings** →  → **Language** to change the system language.

Note

The indoor station supports 5 languages.

Brightness Adjustment


Tap **Settings** →  to adjust the brightness.

View Device Information

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

You can view the **Version**, **System Version**, **Model**, **Serial No.**, **Playing Library Version**, **Two-Way Audio Library Version** and **OSS Statement**.

Reboot Device

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

Reboot Automatically

Enable **Reboot Automatically** and configure the **Reboot Schedule** according to your needs.

Reboot Manually

Tap **Reboot** to reboot the system.

Upgrade Device

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


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

Auto-answer

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

After enabling the auto-answer function, the visitor can leave the voice message to the indoor station from the door station, the master station, or the client software automatically.

Do Not Disturb

Tap **Settings** →  → **Other Settings** → **Do Not Disturb** to enter the settings page.

Enable **Do Not Disturb** to select **Do Not Disturb Device** and **Time Mode**.

Note

If you select the **Schedule**, you should set the start time and end time.

2.8 Link to the Mobile Client

Steps

1. Tap **Settings** → **Cloud Service** to enter the settings page.
2. Enable **Cloud Service**.
3. Edit **LBS** server and **Verification Code**.

Note

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

4. **Optional**: Scan QR code on the screen to add the device to the mobile client.

2.9 Shortcut Settings

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

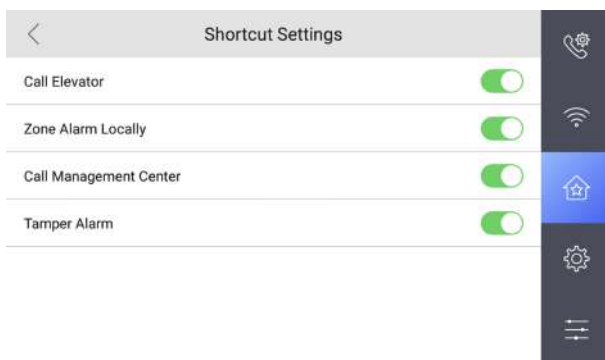


Figure 2-13 Shortcut Settings

You can enable the **Call Elevator**, **Zone Alarm Locally** and **Call Management Center** shortcut.

Note

Call Elevator and **Zone Alarm Locally** functions are disabled by default.

3 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.

3.1 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.

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.

3.2 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.

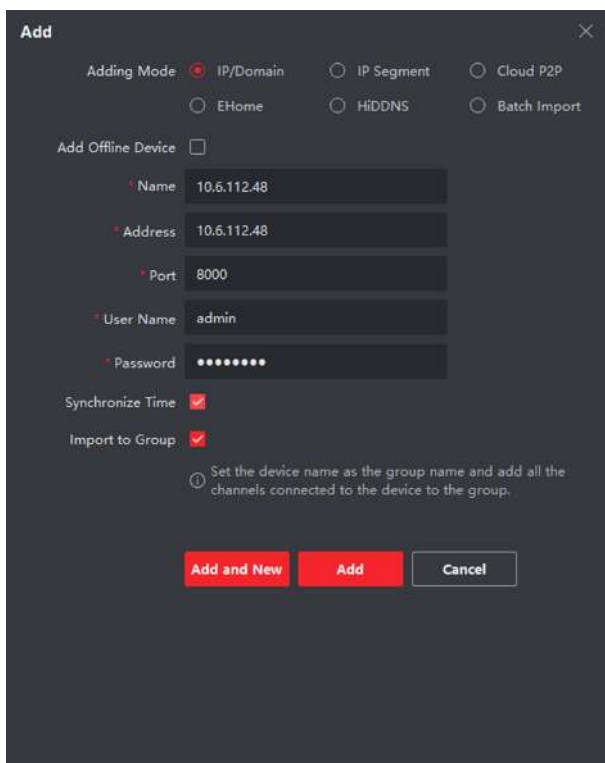
3.2.1 Add Video Intercom Devices

Steps

Note

- You can add at most 512 indoor stations and master 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.



Add

Adding Mode IP/Domain IP Segment Cloud P2P
 EHome HiDDNS Batch Import

Add Offline Device

* Name 10.6.112.48

* Address 10.6.112.48

* Port 8000

* User Name admin

* Password ••••••••

Synchronize Time

Import to Group

ⓘ Set the device name as the group name and add all the channels connected to the device to the group.

Add and New **Add** **Cancel**

Figure 3-1 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. By default, the password is 12345.


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.
-

3.2.2 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.


3.3 System Configuration

You can configure the video intercom parameters accordingly.

Steps

1. Click **Maintenance and Management** → **System Configuration** → **Acs and videoIntercom** 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.

Max. Ring Duration

Input the maximum duration of the ringtone, ranging from 15 seconds to 60 seconds.

Max. Speaking Duration with Indoor Station


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

Max. Speaking Duration with Door Station

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

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

3.4 Remote Configuration

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

3.4.1 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.

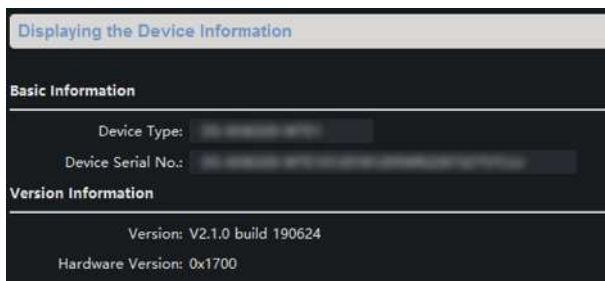


Figure 3-2 Device Information

General

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



Figure 3-3 General

Time

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

Configuring the Time Settings (e.g., NTP)

Time Zone

Select Time Zone: (GMT+08:00) Beijing, Hong Kong, Perth, ...

Enable NTP

Server Address: 0.0.0.0

NTP Port: 123

Sync Interval: 60 Minute(s)

Enable DST

Start Time: April First Week Sun 2 :00

End Time: October Last Week Sun 2 :00

DST Bias: 60 min

SDK Synchronization

[Synchronization](#)

Save

Figure 3-4 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.
- DST
 - Check the checkbox of Enable DST to enable DST.
 - Enter the start time and end time of DST, and set the DST bias.

 **Note**

The default port No. is 123.

System Maintenance

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

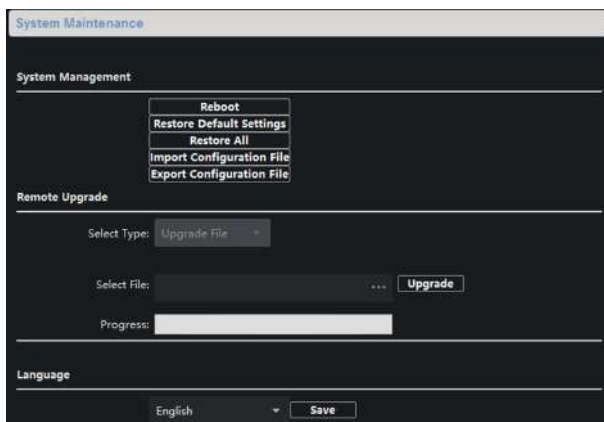


Figure 3-5 System Maintenance

- 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.

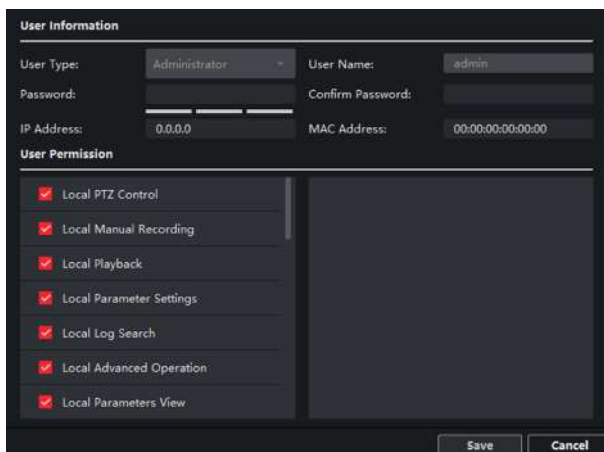
 **Note**

- 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.



The screenshot shows a configuration page with two main sections: "User Information" and "User Permission".

User Information:

- User Type: Administrator (dropdown menu)
- User Name: admin
- Password: (empty text field)
- Confirm Password: (empty text field)
- IP Address: 0.0.0.0
- MAC Address: 00:00:00:00:00:00

User Permission:

- Local PTZ Control
- Local Manual Recording
- Local Playback
- Local Parameter Settings
- Local Log Search
- Local Advanced Operation
- Local Parameters View

At the bottom right, there are "Save" and "Cancel" buttons.

Figure 3-6 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.

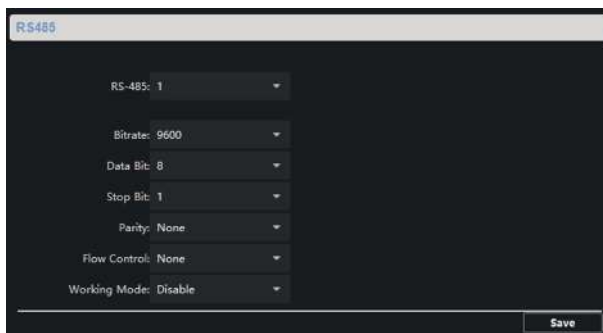


Figure 3-7 RS-485 Settings

Note

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

3.4.2 Video Intercom

Click **Video Intercom** on the remote configuration page to enter the video intercom parameters settings: Device Number Configuration, Time Parameters, Password, Zone Configuration, IP Camera Information, and Volume Input and Output Configuration, and so on.

Time Parameters

Steps

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



Device Type:	Indoor Station	s
Max. Ring Duration:	30	s
Max. Live View Duration:	30	s
Call Forwarding Time:	0	s
Max ring duration time:	30	s

Save

Figure 3-8 Time Parameters

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

 **Note**

- Maximum ring 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.
 - Maximum live view time 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 time 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.



Password Type:	Admin Password	
Old Password:		
New Password:		
Confirm Password:		

Save

Figure 3-9 Permission Password

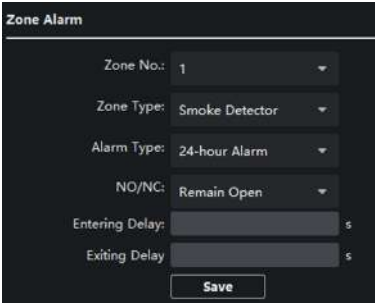
For indoor station, you can change the admin password, arm/disarm password, unlock password and duress code.

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.



The screenshot shows the 'Zone Alarm' configuration interface. It includes the following fields and options:

- Zone No.: 1
- Zone Type: Smoke Detector
- Alarm Type: 24-hour Alarm
- NO/NC: Remain Open
- Entering Delay: 5 s
- Exiting Delay: 5 s
- Save button

Figure 3-10 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 3-11 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.

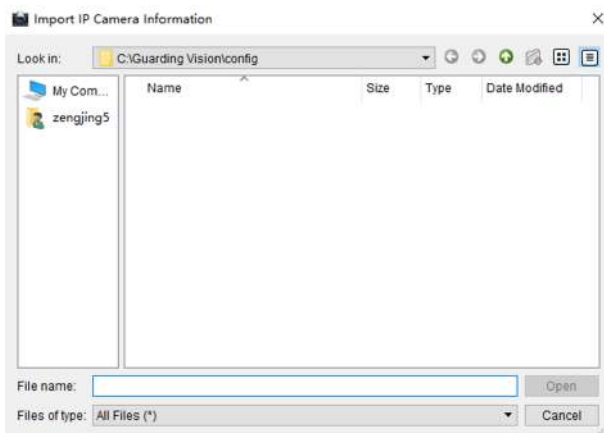


Figure 3-12 Import Added Device Information

Volume Input and Output

Steps

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

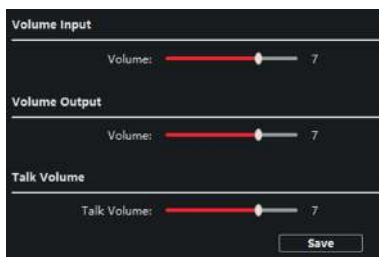


Figure 3-13 Volume Input and Output

2. Slide the slider to adjust the volume input, volume output and talk volume.
3. Click **Save** to enable the settings.

Ring Import

Steps

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

Index	Name	Size	Type	Add	Delete
1				+	x
2				+	x
3				+	x
4				+	x

Figure 3-14 Ring Import

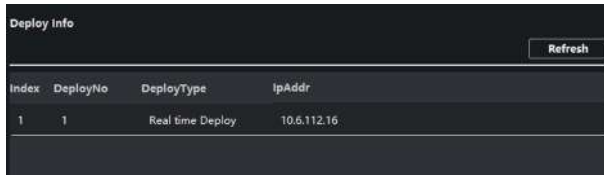
2. Click + to add the ring, and click x to delete the imported ring.

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.
-

Deploy Info

Click **Deploy Info**, you can get the deploy informations.



Index	DeployNo	DeployType	IpAddr
1	1	Real time Deploy	10.6.112.16

Figure 3-15 Deploy Info

Incoming Call Linkage

Steps

1. Click **Incoming Call Linkage** to enter configuration the page.

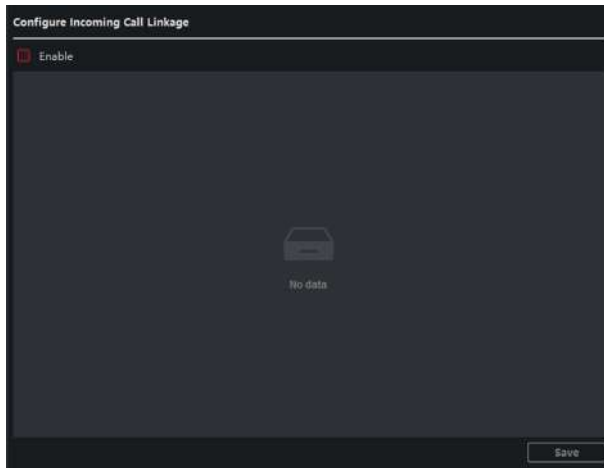



Figure 3-16 Incoming Call Linkage

2. Enable and select triggers.

When the calling incoming, the alarm you linked will be triggered.

Relay

Click **Relay**. Select a relay and click  and set the relay name and output delay time. Click **OK** to save the settings.

The Third-Party APP Settings

View the App information in the list and add/delete the App remotely.

Steps

1. Click **App Information List** to enter the settings page.
2. Click **Add**, enter the URL to get the package.
3. **Optional**: Select the App, click **Delete** to uninstall the App.

SIP No. Settings

You can view and edit the SIP informations in SIP No. Settings page.

Steps

1. Click **SIP No. Settings** to enter the settings page.
2. Click **Add** to add the SIP No. to the device.
3. Select an item, and click **Configure** to edit the parameters.
4. **Optional**: Select SIP numbers in the list, and click **Delete** to delete the selected informations.
5. **Optional**: Click **Clear** to clear the informations in the list.

Debugging Settings

Click **Debugging Settings** to enter the settings page.

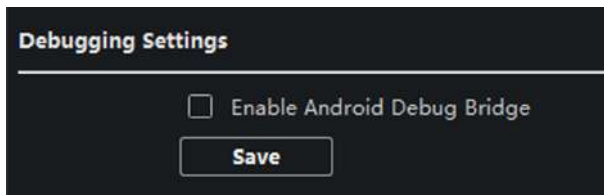


Figure 3-17 Debugging Settings

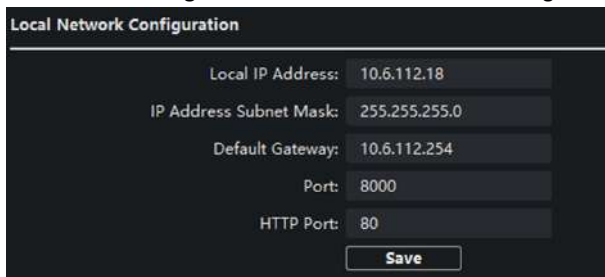
Check the checkbox to enable android debug bridge. Click **Save** to enable settings.

3.4.3 Network

Local Network Configuration

Steps

1. Click **Local Network Configuration** to enter local network configuration page.



The screenshot shows a configuration page titled "Local Network Configuration". It contains five input fields with the following values: Local IP Address: 10.6.112.18, IP Address Subnet Mask: 255.255.255.0, Default Gateway: 10.6.112.254, Port: 8000, and HTTP Port: 80. A "Save" button is located at the bottom right of the form.

Field	Value
Local IP Address:	10.6.112.18
IP Address Subnet Mask:	255.255.255.0
Default Gateway:	10.6.112.254
Port:	8000
HTTP Port:	80

Save

Figure 3-18 Local Network Configuration

2. Enter the local IP address, subnet mask, gateway address, and port No.
3. Click **Save** to enable the settings.

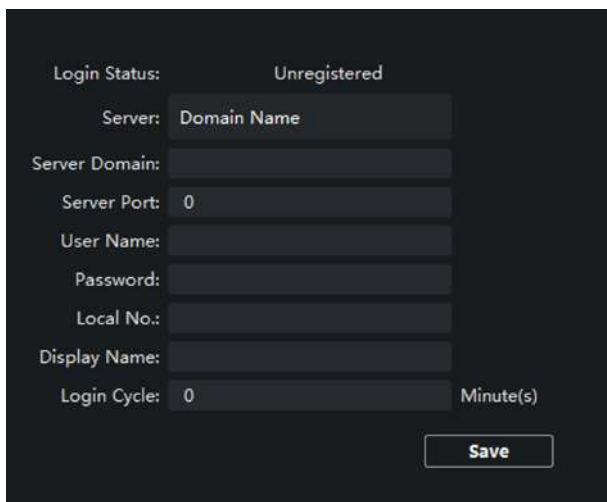
Note

- 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 Settings

Steps

1. Click **SIP Settings** to enter the settings page.



The screenshot shows a configuration page for SIP settings. At the top, it displays 'Login Status: Unregistered'. Below this are several input fields: 'Server: Domain Name', 'Server Domain:', 'Server Port: 0', 'User Name:', 'Password:', 'Local No.:', 'Display Name:', and 'Login Cycle: 0 Minute(s)'. A 'Save' button is located at the bottom right of the form.

Figure 3-19 SIP Settings


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



The screenshot shows a configuration page for DNS settings. It includes a 'NIC:' dropdown menu set to 'NIC 1', two IP address input fields: 'DNS1 IP Address: 10.1.7.97' and 'DNS2 IP Address: 10.1.7.98', and a 'Save' button at the bottom.

Figure 3-20 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 configuration page.
2. Enable **Enable Hik-Connect Access**.
3. Enable **Custom** and edit **Service Address**
4. Enter the **Verification Code**.
5. Click **Save**.

Device Network Configure

In the devices network configuration page, you can configure the network parameters of master stations, SIP servers and management centers of the same LAN. The devices can be linked to the door station and realize the linkage between these devices.

Steps

1. Click **Device Network Config** to enter the settings page.

Device Type	IndoorHost	SIP No	10010110686
Community No.	1	Password	
Building No.	1	Master Station IP Addr...	0.0.0.0
Unit No.	1	(Main) Door Station IP ...	10.7.115.195
Floor No.	1	SIP Server IP Address:	0.0.0.0
Room No.	686	Doorphone IP Address:	0.0.0.0
		Main Door Station Type:	Main Door Statio...
		Security Control Panel L...	0.0.0.0
		Security Control Panel P...	0

Save

Figure 3-21 Device Network Configure

2. Select the **Device Type** according to your need.
3. Set the **Community No.**, **Building No.**, **Unit No.**, **Floor No.** and **Room No.**
4. Enter the master station IP address, (main) door station IP address, SIP server IP address, management center IP address, and doorphone IP address.

5. Select the main door station type from the drop-down list.
6. Click **Save** to enable the settings.

Note

- After adding master station IP Address, the linkage between indoor station and master station can be realized.
- After adding the door station IP Address, the video intercom between indoor stations of same building can be realized.
- After adding SIP Server Address IP, the video intercom of same community: video intercom between indoor stations of different building, calling indoor station from outer door station and video intercom between management center and indoors.
- After adding management center IP Address, the events can be uploaded to the management center.
- For indoor extension, only parameter about the main indoor station should be configured.

3.5 Person and Card Management

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

In the main page, click  **Person and Card Management Application** to enter the page.

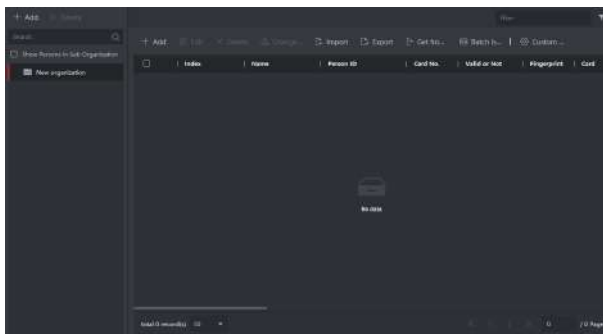



Figure 3-22 PersonalManagement Application

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.

3.5.1 Organization Management

In the main page of the Client Software, click  **PersonalManagement Application** 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.

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.

 **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.
-

3.5.2 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.

 **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.
-

 **Note**

The Person ID will be generated automatically and is editable.

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

 **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

Note

This function is only supported by the device the connection method 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.
-

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.
 - The gender of the persons will be **Male** by default.
-

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.

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.

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

