

Network Indoor Station

User Manual

Legal Information

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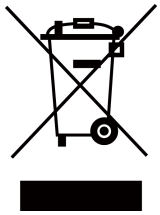
Symbol	Description
Danger	Indicates a hazardous situation which, if not avoided, will or could result in death or serious injury.
Caution	Indicates a potentially hazardous situation which, if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
Note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

Regulatory Information

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



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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.

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Chapter 1 About this Manual

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

Product	Model
Network Indoor Station	DS-KH6000-E1

Chapter 2 Touch-Button Function

You can operate the device locally via touch buttons.

You can answer the call, hang up the call, mute the device, adjust the volume and unlock the door via touch buttons on the device.

Note

You can also customize the four customizable buttons remotely via iVMS-4200 Client Software.

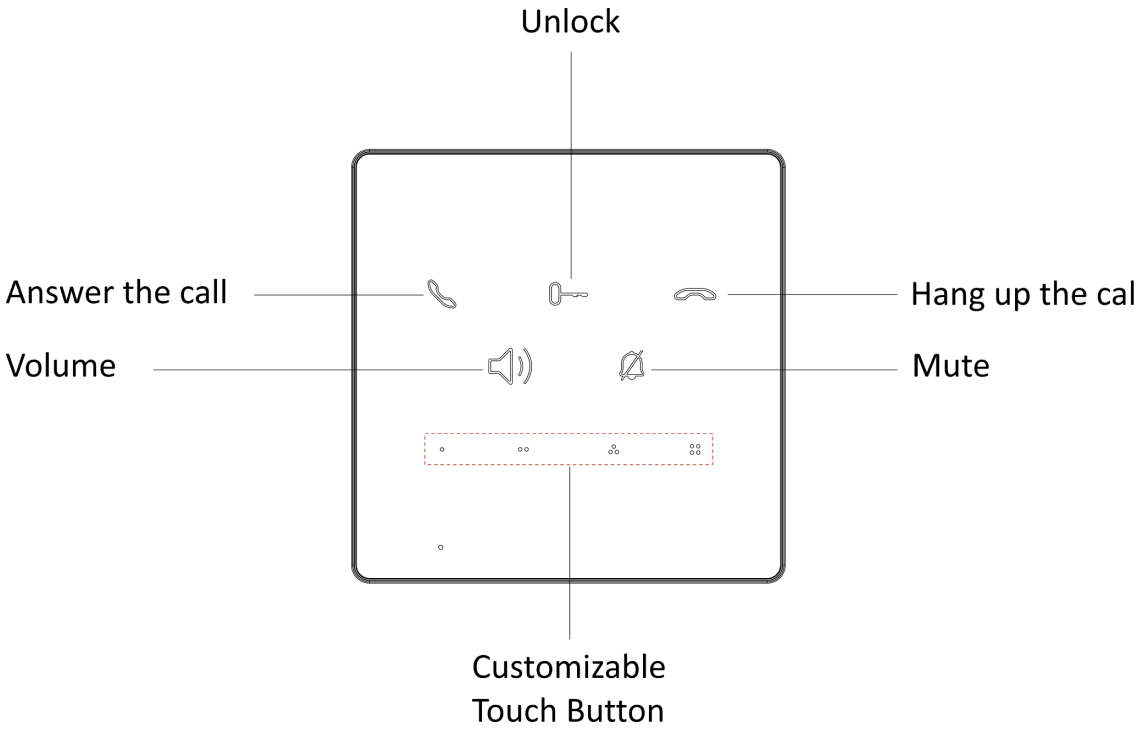

Figure 2-1 Touch Buttons

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 Client Software Configuration

4.1 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.

4.1.1 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.

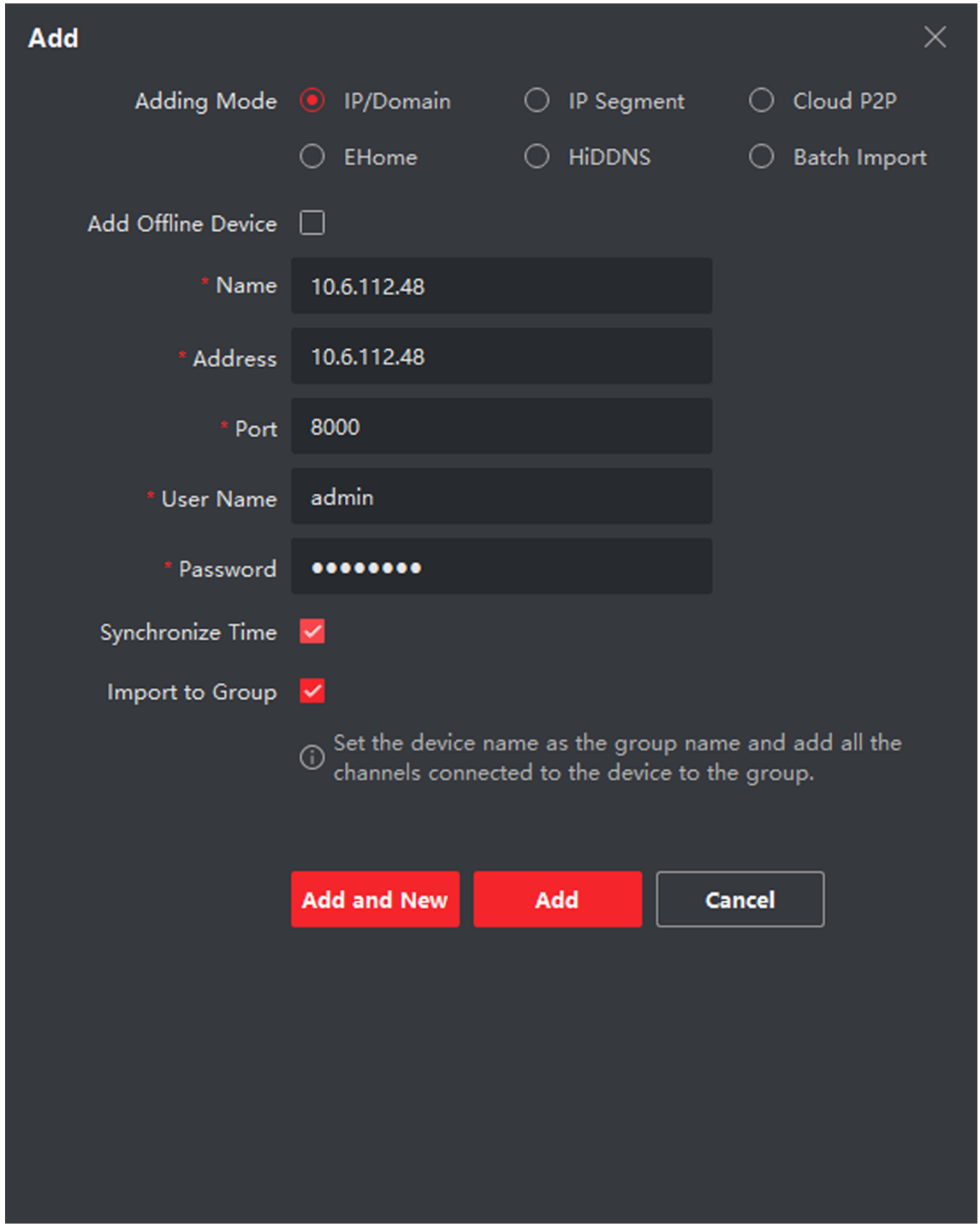

Figure 4-1 Add the Device

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.

4.1.2 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.

4.2 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.

4.3 Remote Configuration

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

4.3.1 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.

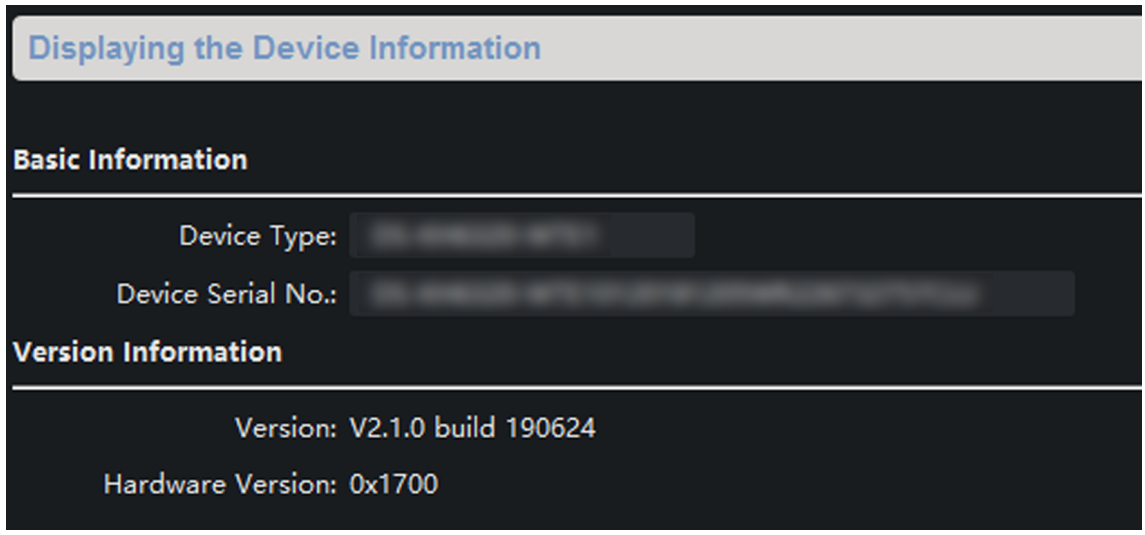

Figure 4-2 Device Information

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.

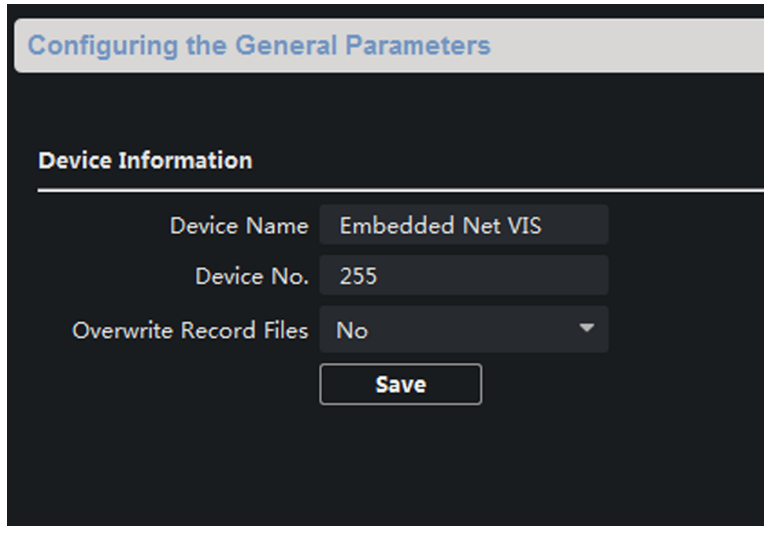

Figure 4-3 General

Time

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

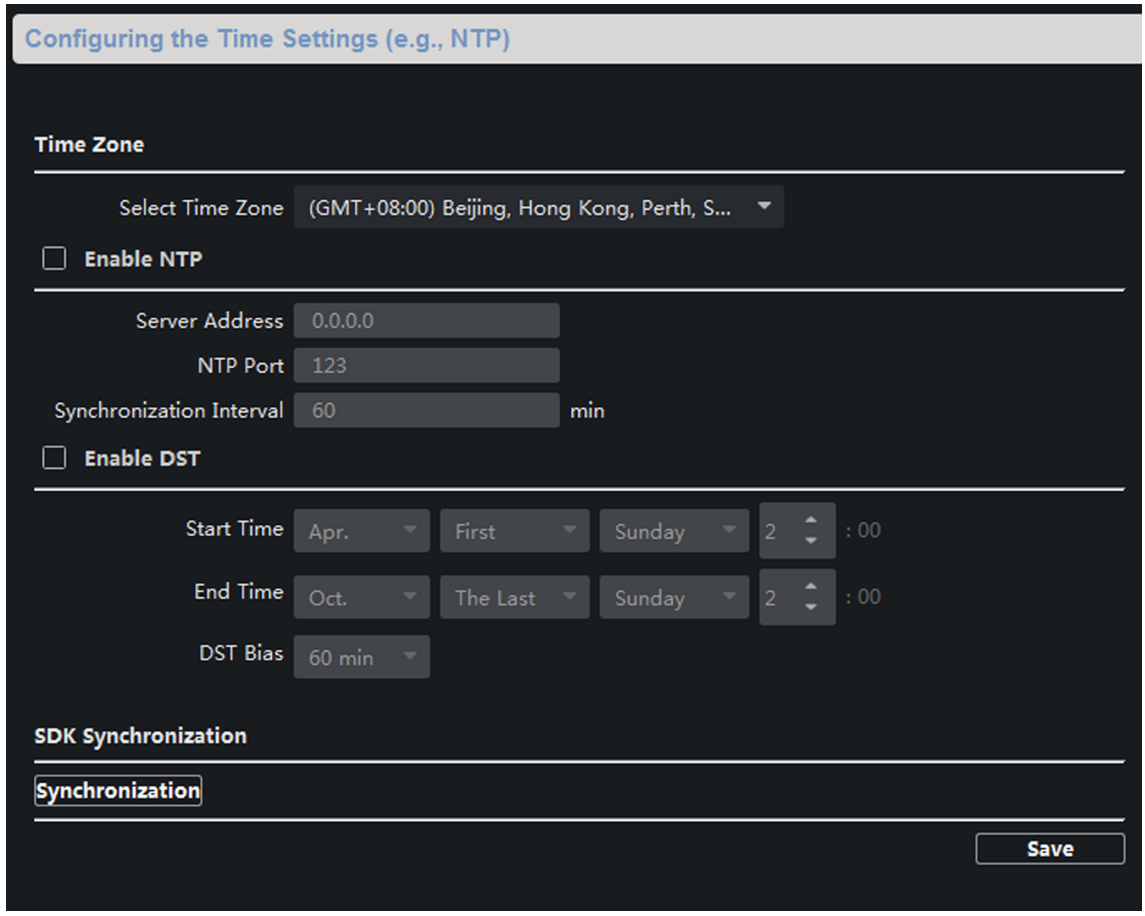

Figure 4-4 Time Settings Page

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.

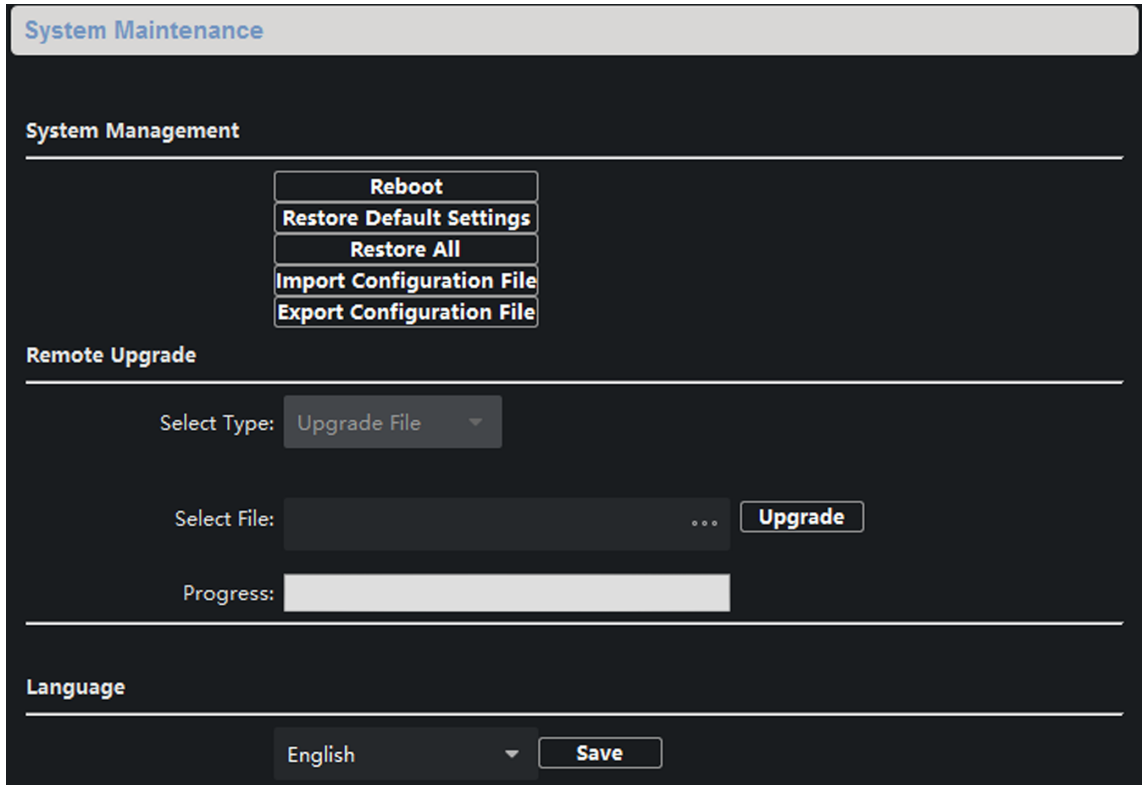

Figure 4-5 System Maintenance

- 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 19 languages: English, French, Brazilian Portuguese, Spanish, Russian, German, Italian, Polish, Arabic, Turkish, Vietnamese, Ukrainian, Hungarian, Dutch, Romanian, Czech, Bulgarian, Croatian, Serbian.
- 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.

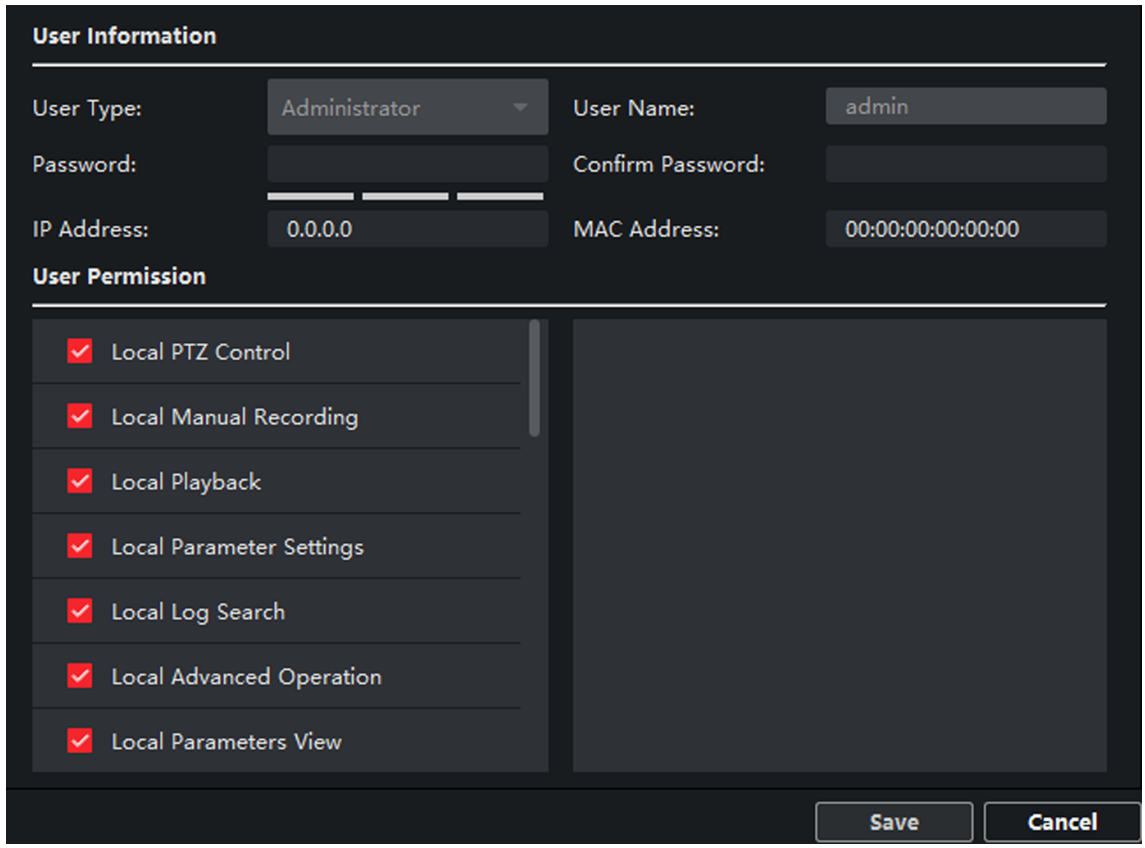

Figure 4-6 User Page

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.

Security

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

4.3.2 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.

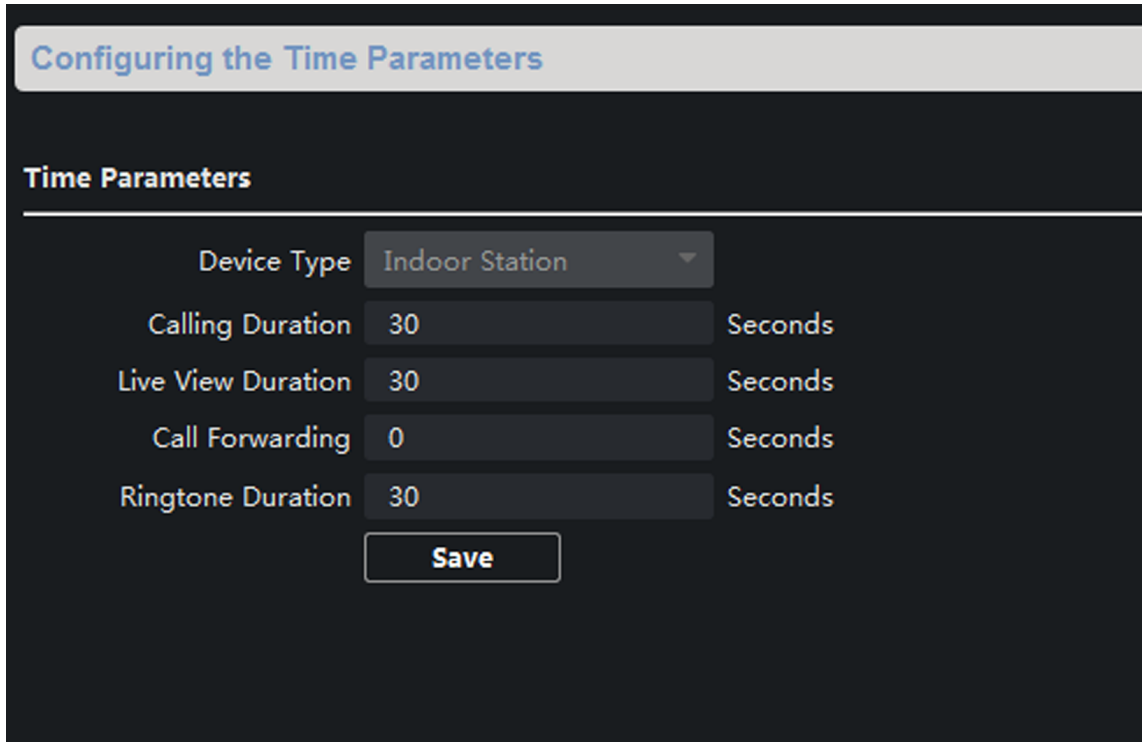

Figure 4-7 Time Parameters

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.

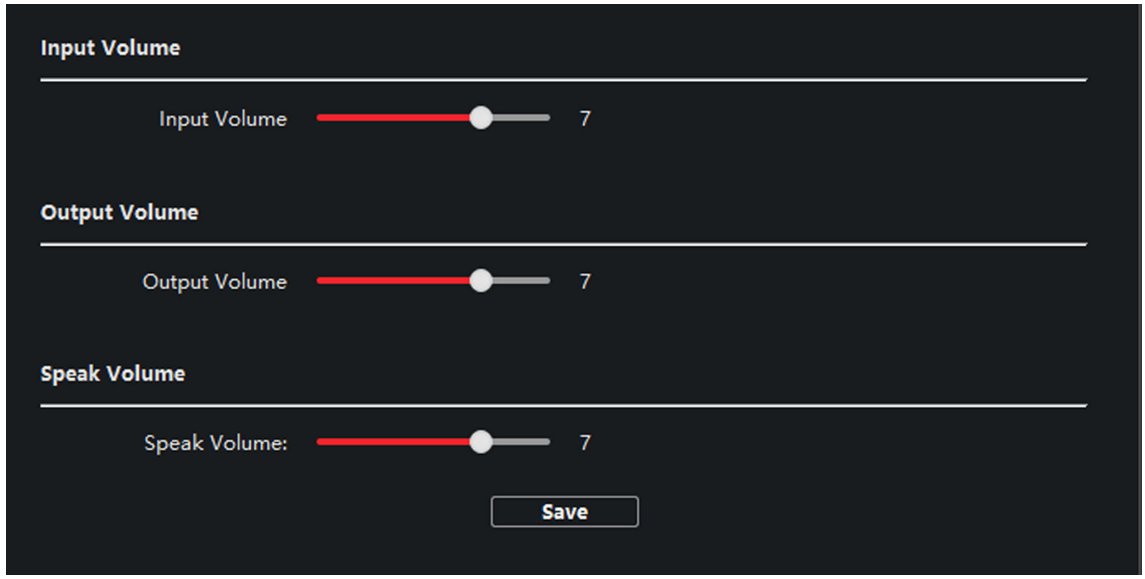

Figure 4-8 Volume Input or Output

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

SIP No. Settings

Steps

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

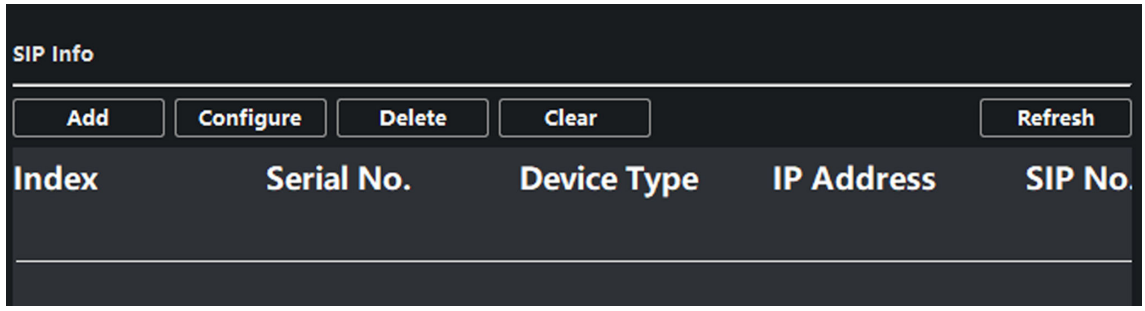

Figure 4-9 Extension Settings

2. Click **Add**.

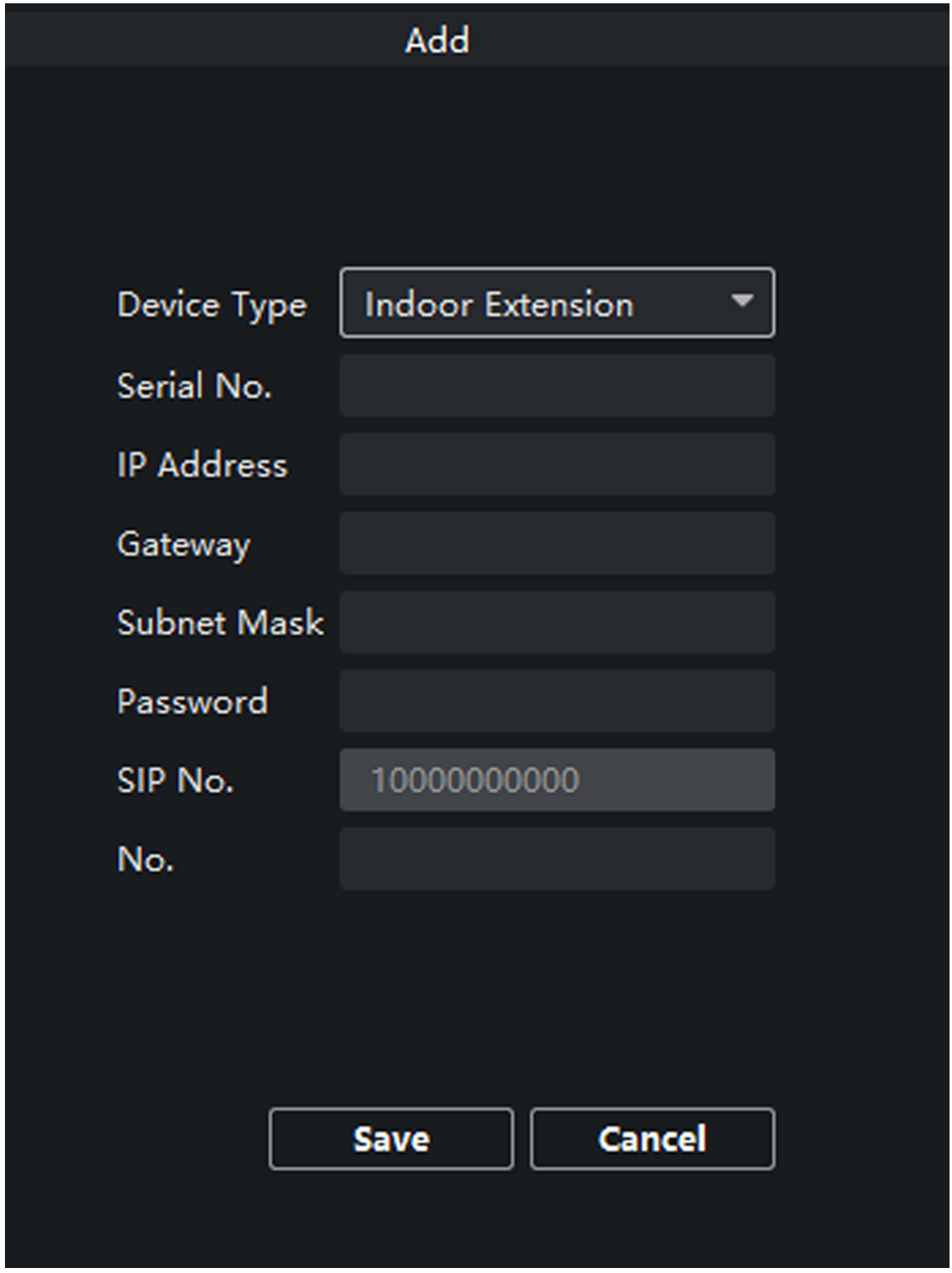

Figure 4-10 Add SIP Info

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.

4.3.3 Network

Local Network Configuration

Steps

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

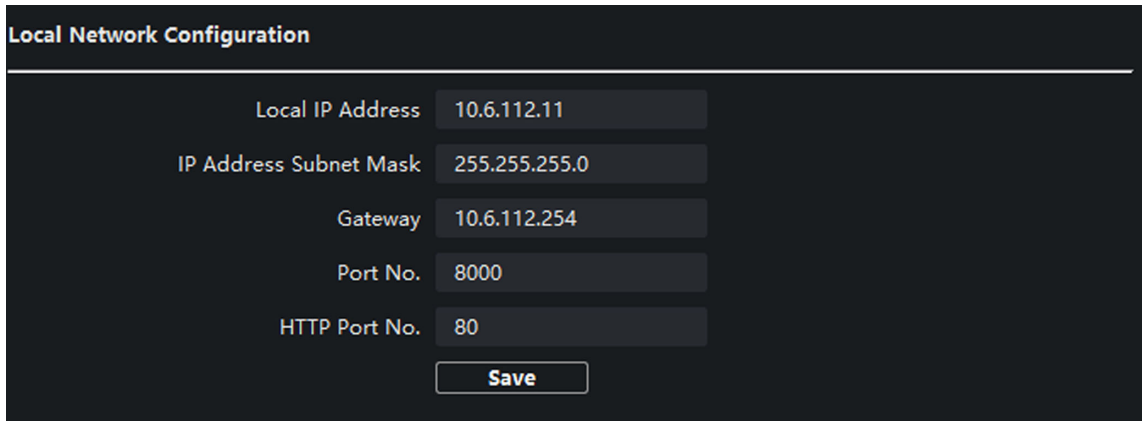

Figure 4-11 Local Network Configuration

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.

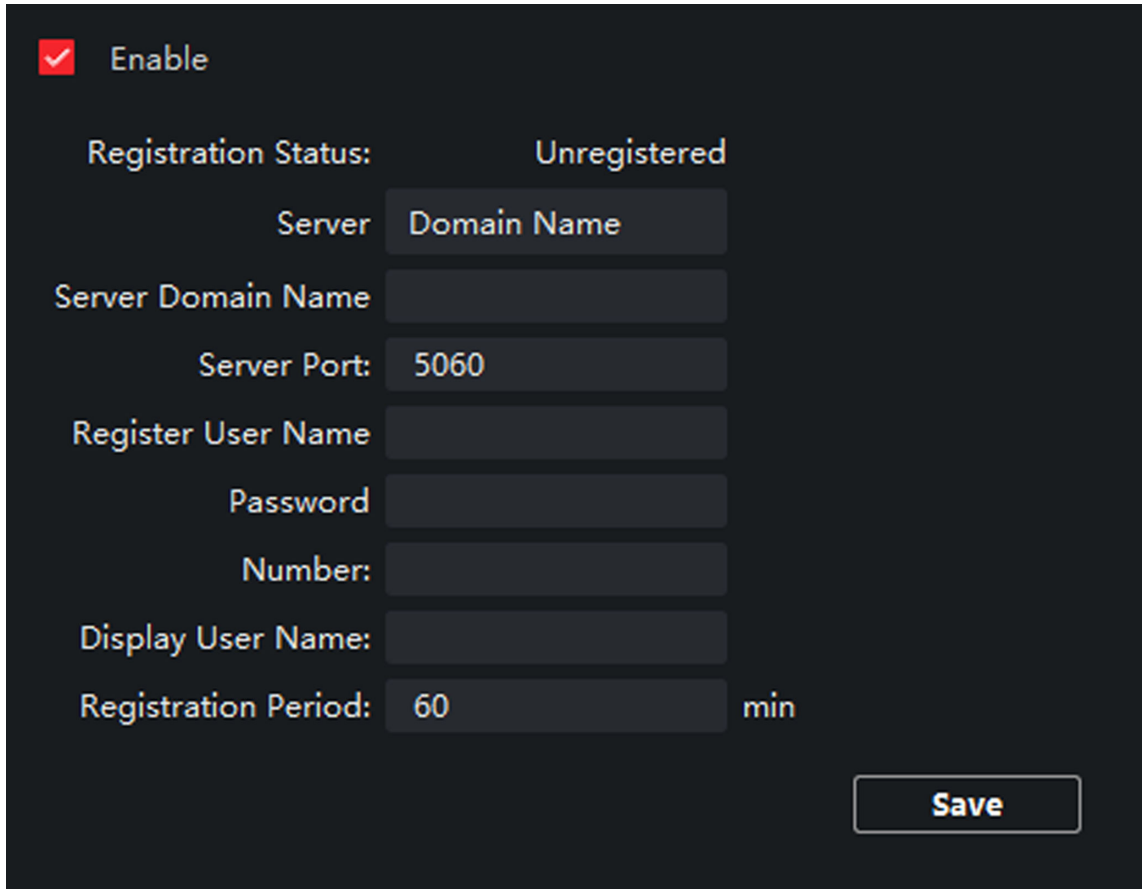

Figure 4-12 SIP Server Configuration

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**.

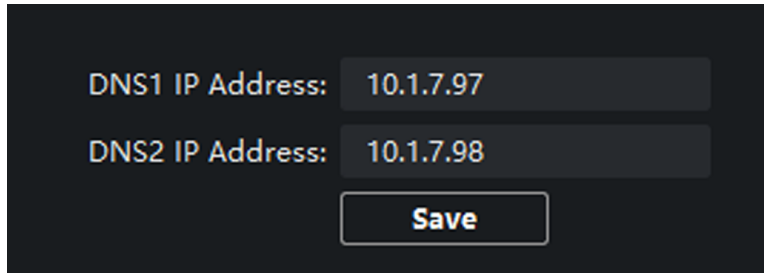

Figure 4-13 DNS Settings

Group Network Settings

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

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.

4.4 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.

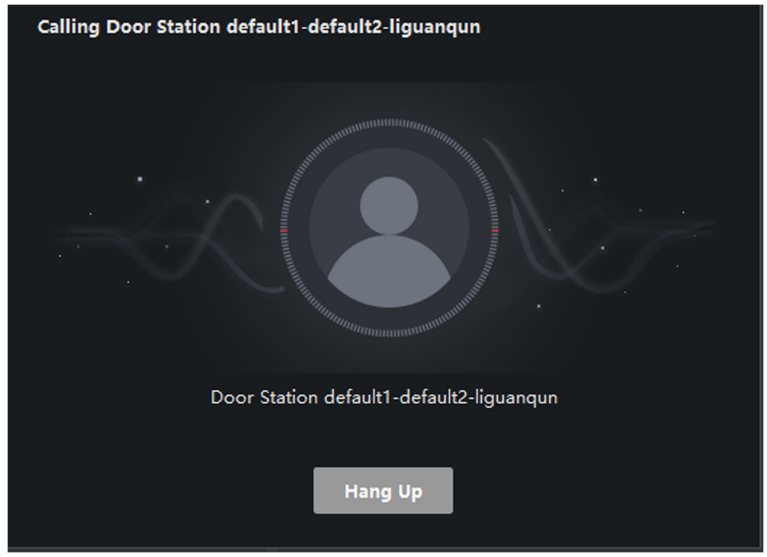

Figure 4-14 Calling Indoor Station

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.

4.5 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.

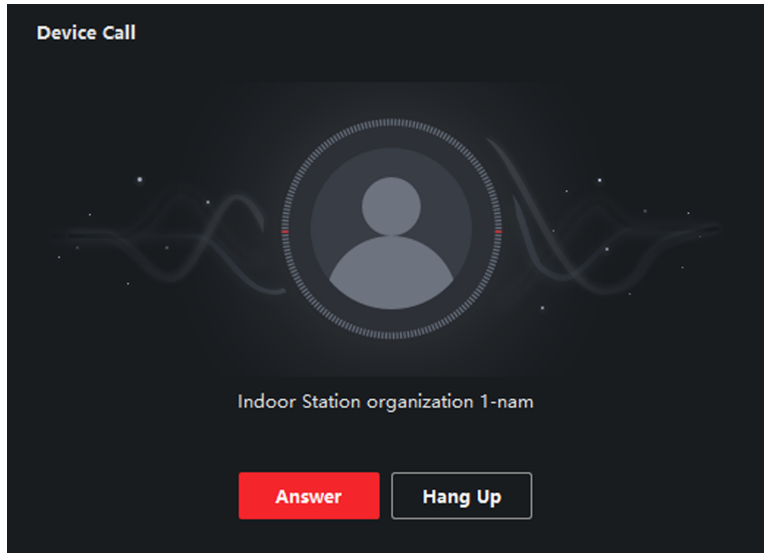

Figure 4-15 Incoming Call from Indoor Station

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.

4.6 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.

4.7 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.

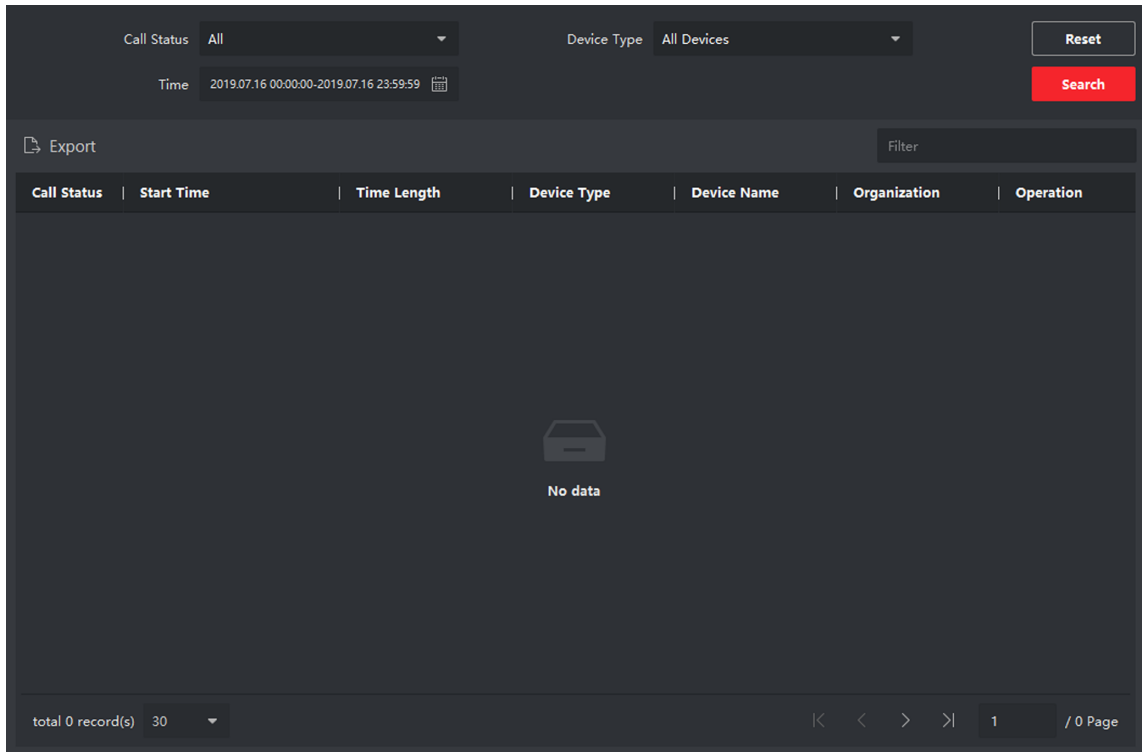

Figure 4-16 Call Log

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

4.8 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.

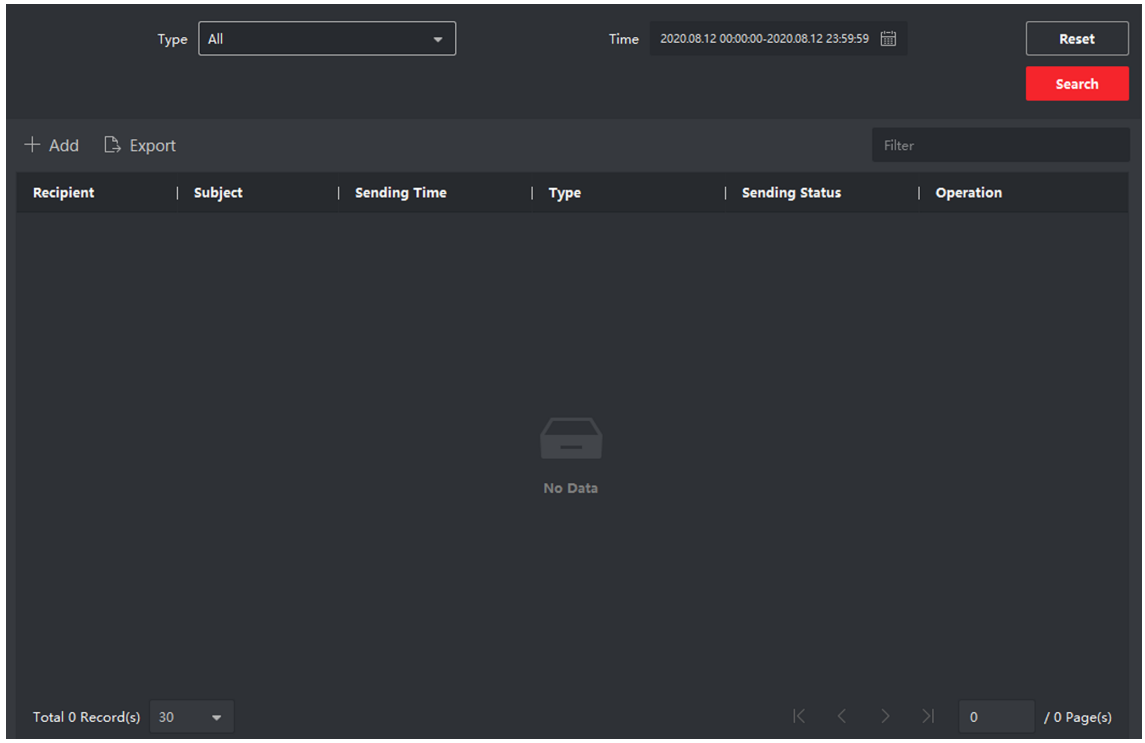

Figure 4-17 Release Notice

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

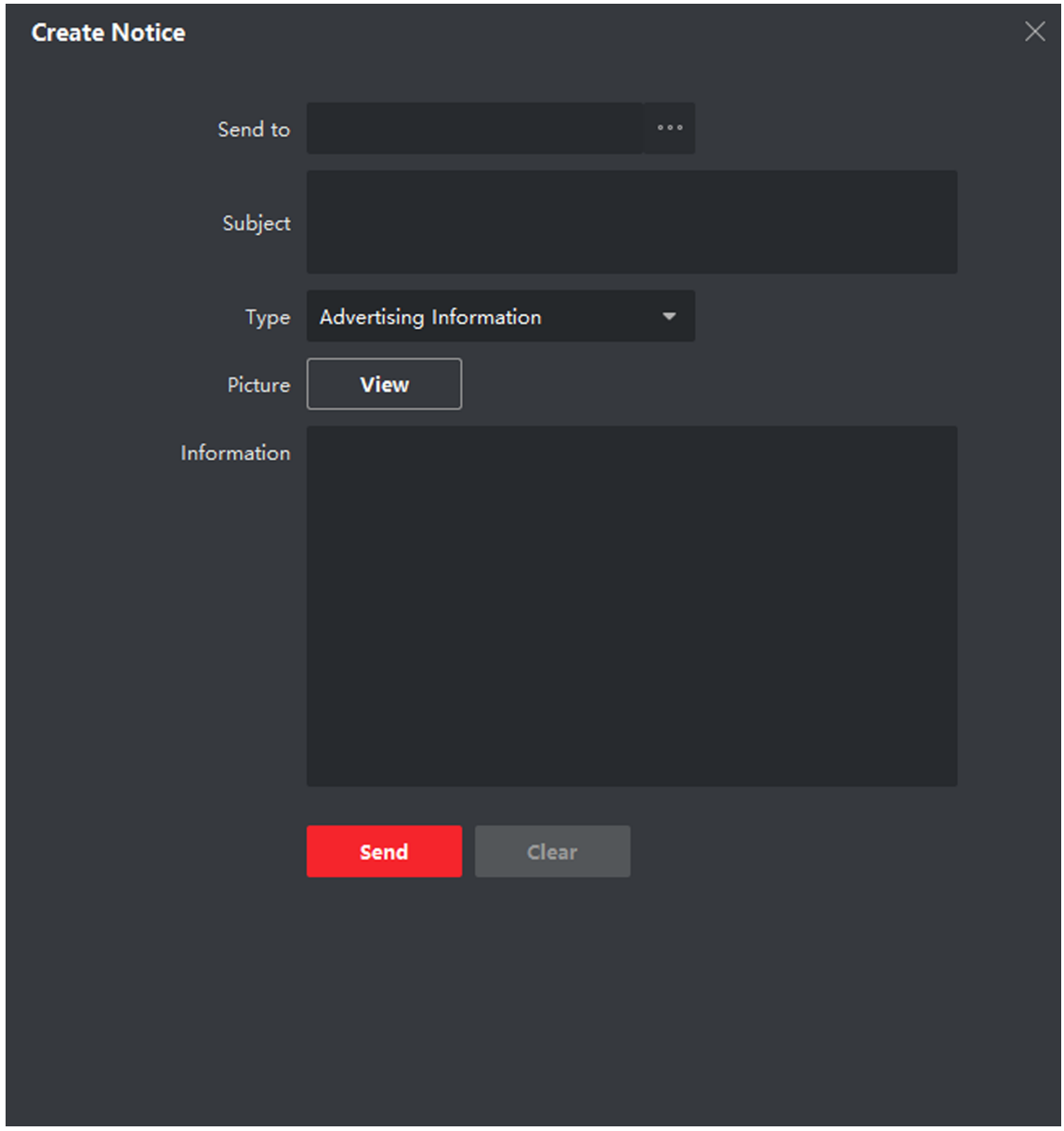

Figure 4-18 Create a Notice

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.


See Far, Go Further