



Panic Alarm Master Station

User Manual

User Manual

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About this Manual

This Manual is applicable to Panic Alarm Master Station.

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 in the company website (<http://overseas.hikvision.com/en/>).

Please use this user manual under the guidance of professionals.

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Symbol Conventions

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

Symbol	Description
 NOTE	Provides additional information to emphasize or supplement important points of the main text.
 WARNING	Indicates a potentially hazardous situation, which if not avoided, could result in equipment damage, data loss, performance degradation, or unexpected results.
 DANGER	Indicates a hazard with a high level of risk, which if not avoided, will result in death or serious injury.

Safety Instructions

- Proper configuration of all passwords and other security settings is the responsibility of the installer and/or end-user.
- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region. Please refer to technical specifications for detailed information.
- Input voltage should meet both the SELV (Safety Extra Low Voltage) and the Limited Power Source with 12 VDC according to the IEC60950-1 standard. Please refer to technical specifications for detailed information.
- Do not connect several devices to one power adapter as adapter overload may cause over-heating or a fire hazard.
- Please make sure that the plug is firmly connected to the power socket.
- If smoke, odor or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.

Preventive and Cautionary Tips

Before connecting and operating your device, please be advised of the following tips:

- Ensure unit is installed in a well-ventilated, dust-free environment.
- Unit is designed for indoor use only.
- Keep all liquids away from the device.
- Ensure environmental conditions meet factory specifications.
- Ensure unit is properly secured to a rack or shelf. Major shocks or jolts to the unit as a result of dropping it may cause damage to the sensitive electronics within the unit.
- Use the device in conjunction with an UPS if possible.
- Power down the unit before connecting and disconnecting accessories and peripherals.
- A factory recommended HDD should be used for this device.
- Improper use or replacement of the battery may result in hazard of explosion. Replace with the same or equivalent type only. Dispose of used batteries according to the instructions provided by the battery manufacturer.

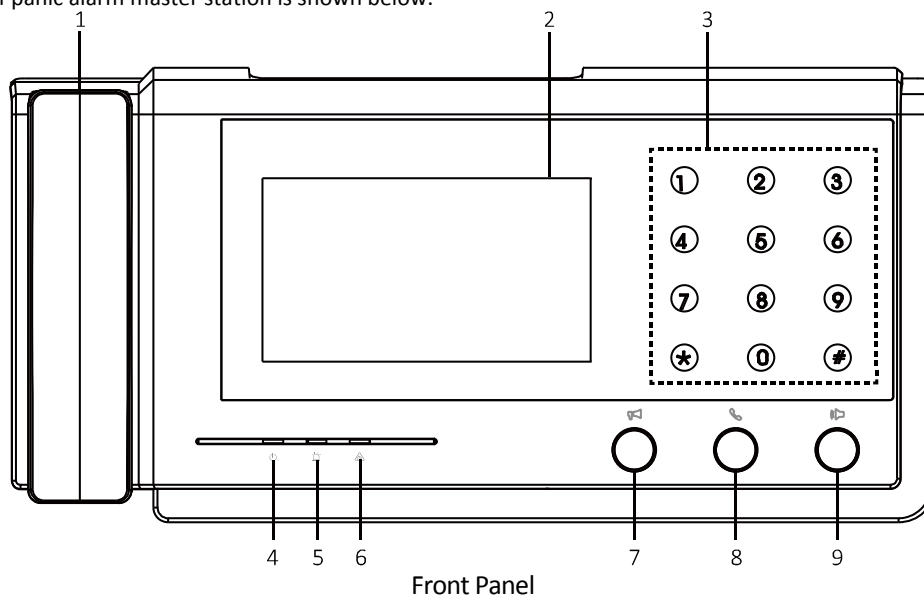
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Chapter 1 Appearance

Front Panel

The front panel of panic alarm master station is shown below.

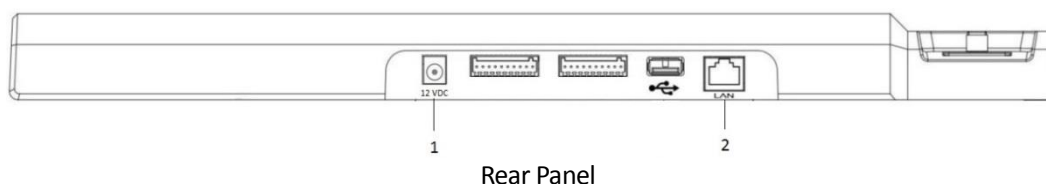


Component Description

No.	Name	Description
1	Handset	For panic /consulting call
2	Screen	7 inch color TFT LCD
3	Keypad	Dialing keypad, call the device by entering device ID
4	Power Indicator	Solid blue when the master station is powered on
5	Alarm Indicator	Flashing blue when alarm is triggered or the master station is answering panic call.
6	Exception Indicator	Flashing red when exception occurs.
7	Broadcast button	Starting/Ending broadcast
8	Call/Ring-off Button	Calling alarm device or ringing-off
9	Hands-free/Answer Button	Entering hands-free mode or answering panic/consulting call

Rear Panel

The rear panel of master station is shown below.



Rear Panel Component Description

No.	Component	Description
1	Power Interface	Connect to 12 VDC power supply
2	Network Interface	Connect wired network

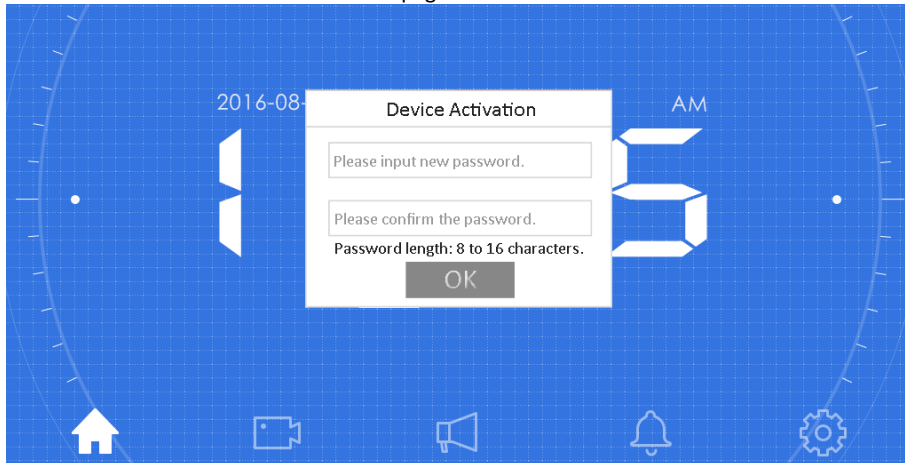
Chapter 2 Activation

You are required to activate the control panel first before you can use the control panel. Local activation, activation via SADP, and activation via client software are supported.

2.1 Activating Locally

You can activate the device when you access the device for the first time.

Step 1 Power the master station on to enter the activation page.



Step 2 Create a password and input the password in the password field, and confirm the password.



STRONG PASSWORD RECOMMENDED— We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

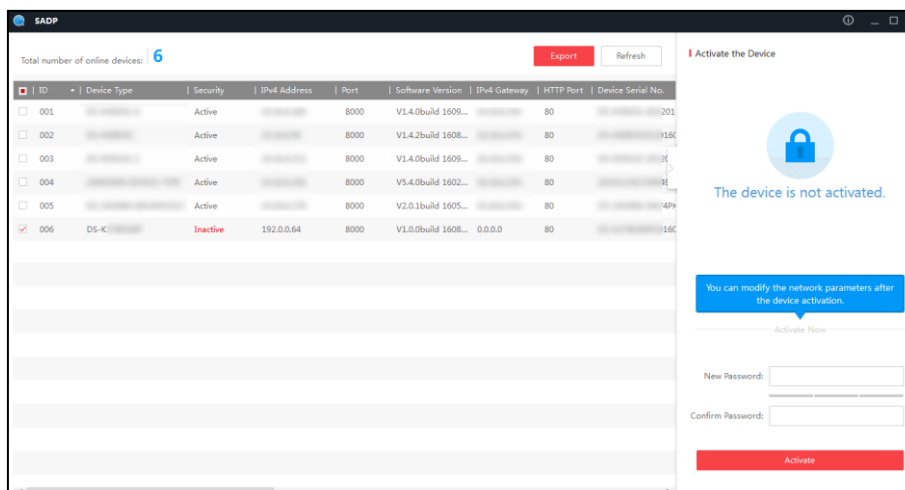
2.2 Activating via SADP Software

SADP software is used for detecting the online device, activating the device, and resetting the password.

Get the SADP software from the supplied disk or the official website, and install the SADP according to the prompts. Follow the steps to activate the control panel.

Steps:

1. Run the SADP software to search the online devices.
2. Check the device status from the device list, and select an inactive device.



3. Create a password and input the password in the password field, and confirm the password.



STRONG PASSWORD RECOMMENDED— We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

4. Click **Activate** to activate the device.
5. Check the activated device. You can change the device IP address to the same network segment with your computer by either modifying the IP address manually or checking the checkbox of Enable DHCP.

Modify Network Parameters

Enable DHCP

Device Serial No.:

IP Address:

Port:

Subnet Mask:

Gateway:

IPv6 Address:

IPv6 Gateway:

IPv6 Prefix Length:

HTTP Port:

Security Verification

Admin Password:

Modify

[Forgot Password](#)

6. Input the password and click the **Modify** button to activate your IP address modification.

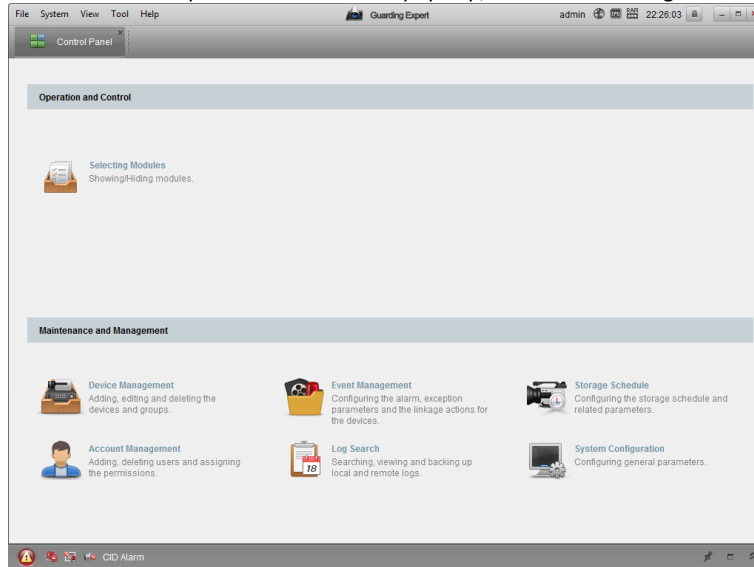
2.3 Activating via Client Software

The client software is versatile video management software for multiple kinds of devices.

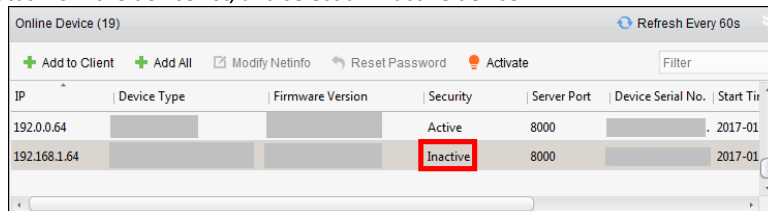
Get the client software from the supplied disk or the official website, and install the software according to the prompts. Follow the steps to activate the control panel.

Steps:

1. Run the client software and the control panel of the software pops up, as shown in the figure below.



2. Click the **Device Management** to enter the Device Management interface.
3. Check the device status from the device list, and select an inactive device.



4. Click the **Activate** button to pop up the Activation interface.
5. In the pop-up window, create a password in the password field, and confirm the password.



STRONG PASSWORD RECOMMENDED— We highly recommend you create a strong password of your own choosing (using a minimum of 8 characters, including upper case letters, lower case letters, numbers, and special characters) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

6. Click **OK** button to activate
7. Click the **Modify Netinfo** button to pop up the Network Parameter Modification interface.

Modify Network Parameter

Device Information:

MAC Address: [Redacted] Copy

Software Version: [Redacted] Copy

Device Serial No.: [Redacted] Copy

Network Information:

DHCP

Port: 8000

IPv4(Don't Save)

IP Address: 10.16.1.251

Subnet Mask: 255.255.255.0

Gateway: 10.16.1.254

IPv6(Don't Save)

Password: [Redacted]

OK Cancel


8. Change the device IP address to the same network segment with your computer by either modifying the IP address manually. Input the password and click the **OK** button to save the settings.

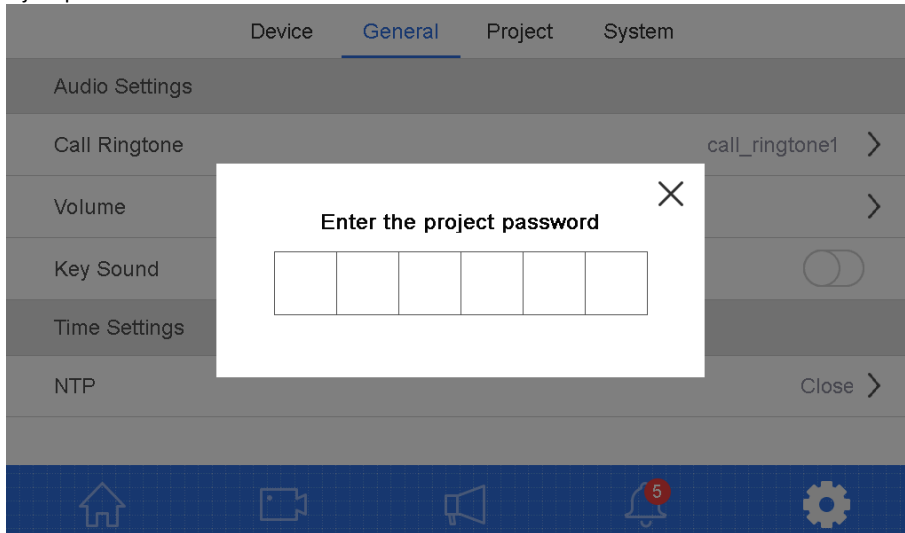
Chapter 3 Local Configuration

You are required to activate the control panel first before you can use the control panel. Refer to Chapter 3 Activation for details.

3.1 Network Settings

You are required to edit the network parameters after the device being activated.

- Step 1 Press  on the main page, and press **Project**.
 Step 2 Enter the project password.

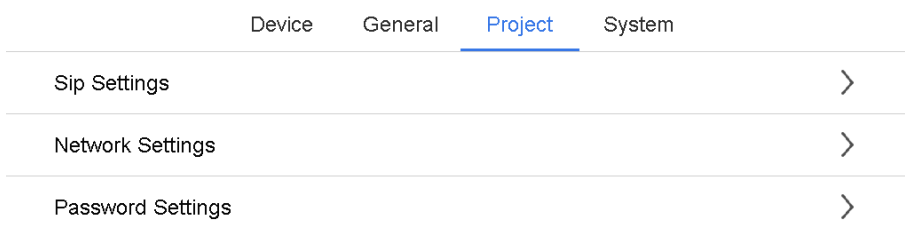


 **NOTE**

- You need to enter the project password for configuring for some of the local configurations. The default project password is 888999.
- You can change the project password on **Project-Password** Settings.

 **DANGER**

The default password is only for the first login. You are required to change your password immediately after login.



- Step 3 Press **Network Settings**, and edit the device IP address, gateway, and mask on the page.

Step 4 Press OK to conform the settings.

Network Settings	
Local IP	10.7.162.112
Subnet Mask	255.255.255.0
Gateway	Enter the gateway address.



NOTE


The default IP address for the master station is 192.0.0.64.

3.2 SIP and Master Station ID Settings

Configure the SIP server to achieve normal communication between device and master station or between master stations. Set the master station ID, and you can call the master station by entering the set ID.

Steps:



Step 1 Press  on the main page, and press **Project**.

Step 2 Enter the project password.



NOTE

- You need to enter the project password for configuring for some of the local configurations. The default project password is 888999.
- You can change the project password on **Project-Password** Settings.



DANGER

The default password is only for the first login. You are required to change your password immediately after login.

Device	General	Project	System
Sip Settings			>
Network Settings			>
Password Settings			>



Step 3 Press **SIP Settings** to enter the configuration page.

Step 4 Edit the SIP parameters, such as SIP server IP address, port No., master station ID, location, and registration period.



NOTE

- SIP server IP address: the master station can be used as SIP server. The IP address of a SIP server can be the IP address of master station.
- Default SIP server port No.: 5065

- Registration Period: Time interval of device registering to the SIP server continuously.

Sip Settings		OK
Address type		IP Addr >
IP Addr	10.7.162.112	
Port No.	5065	
Device ID	0	
Device Location	y	
Register Period(min)	10	

3.3 Device Management

You can add security control device and master station to a master station.

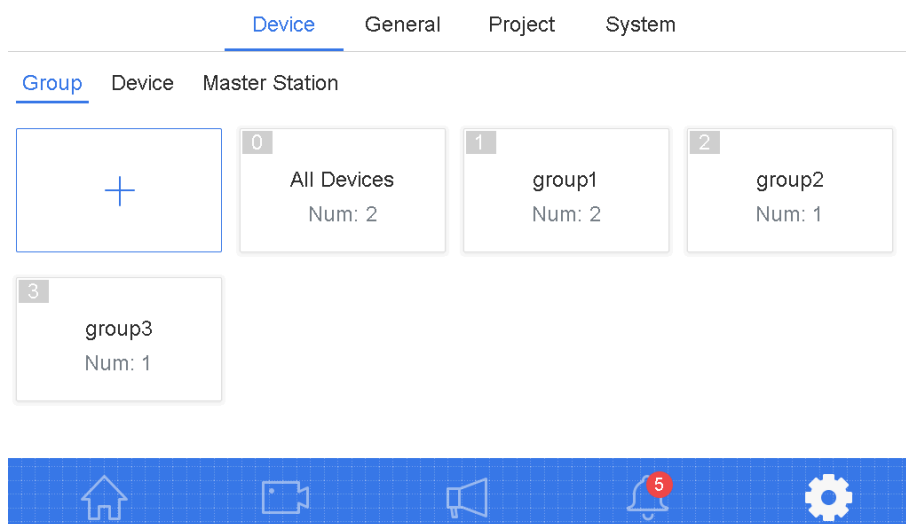
I. Security Control Device Management

Press **Device Management–Device** to view the devices connected to the master station.

Press **Group** to enter the device group management page. You can classify the connected device by grouping and manage the added groups.

You can add security control device to the master station via client software.

Add the IP address of the master station to the security control device on the **Remote Configuration** interface. The master station displays the related security control device on the **Device** page.



II. Master station management

Press **Device Management–Master Station** to view other connected master stations.

Press **Group** to enter the device group management page. You can classify the connected master stations by grouping and manage the added groups.

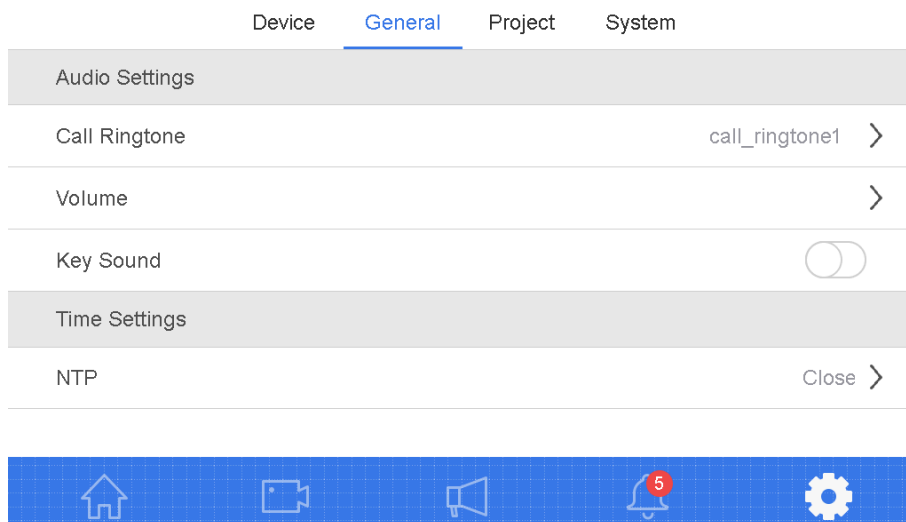
You can add a master station to another master station via client software.

Add the IP address of the master station to another on the **Remote Configuration** interface. The master station displays the related master station on the **Device** page.

3.4 Audio Settings


You can set the call ringtone, volume, and key tone on the audio settings page.

Step 1 Press General to enter general settings page.



Step 2 Press and select the Call Ringtone

Step 3 Press Volume to set the volume of microphone and loudspeaker.

Step 4 Swipe the block  to enable/disable the master station key tone.

3.5 Password Settings

The project password is for project management such as network configuration, station ID settings and location information. You can set the project password for the master station

Step 1 Press Project-Password Settings to enter the interface.

Password Settings	
Old Password	Numeric (6 Characters)
New Password	Numeric (6 Characters)
Confirm	Numeric (6 Characters)

Step 2 Enter the old password and new password.

Step 3 Confirm the new password and press OK.



The default project password is 888999.

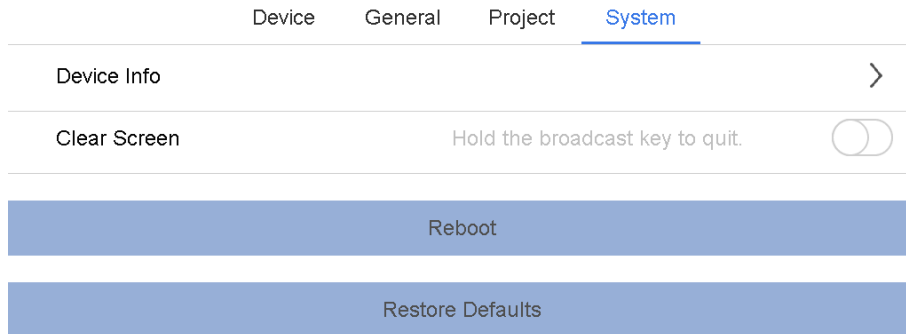



DANGER

The default password is only for the first login. You are required to change your password immediately after login.

3.6 System Maintenance

You can enter the screen clearing mode, view the station information, reboot the device, and restore default parameters.
Step 1 Press System to enter the system maintenance page.



Step 2 Swipe the  block to enter screen clearing mode.
Hold the Broadcast button to exit the mode.

 **NOTE**

The device will exit the screen clearing mode automatically 10 minutes after entering the mode.

Step 3 Press **Device Restart** to Reboot the device.

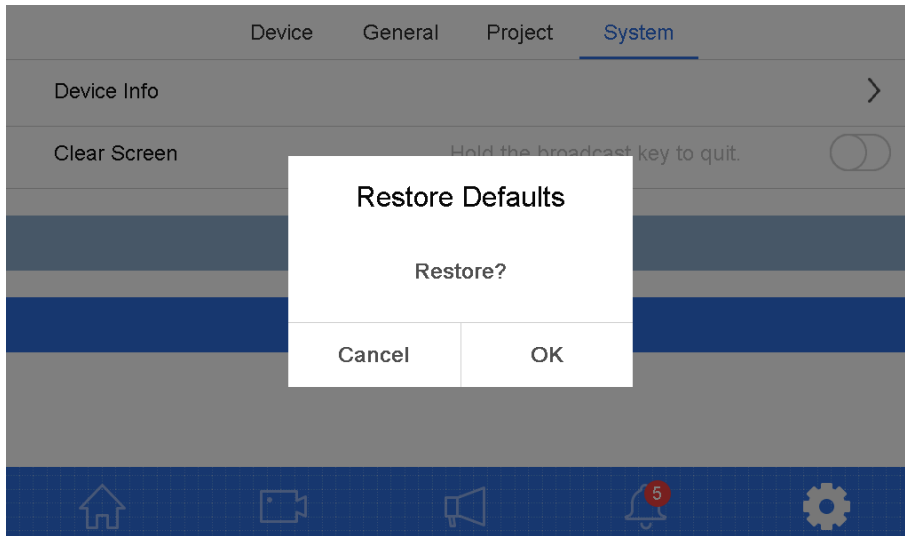
3.7 Restore Default Settings

Steps:

Step 1 Press System-Default Settings to enter the **Restore Default Settings** page.

Step 2 Press **Restore Default Parameters** to get the pop-up window.

Step 3 Press **OK** to start.



 **NOTE**

- Network parameters and user information cannot be restored through this operation.
- You need to reboot the device after restoring.

3.8 NTP

Steps:

Step 1 Press **General-Time Settings-NTP** to enter the NTP Interface.



Step 2 Swipe the block to enable/disable NTP function.


Step 3 Enter NTP parameters such as server IP address, Port No., and time zone.

 **NOTE**

The default port No. is 123.

Chapter 4 Local Operation

Calling Security Control Device

Enter the ID of security control device or master station on the calling page of master station. Press  to call a device.

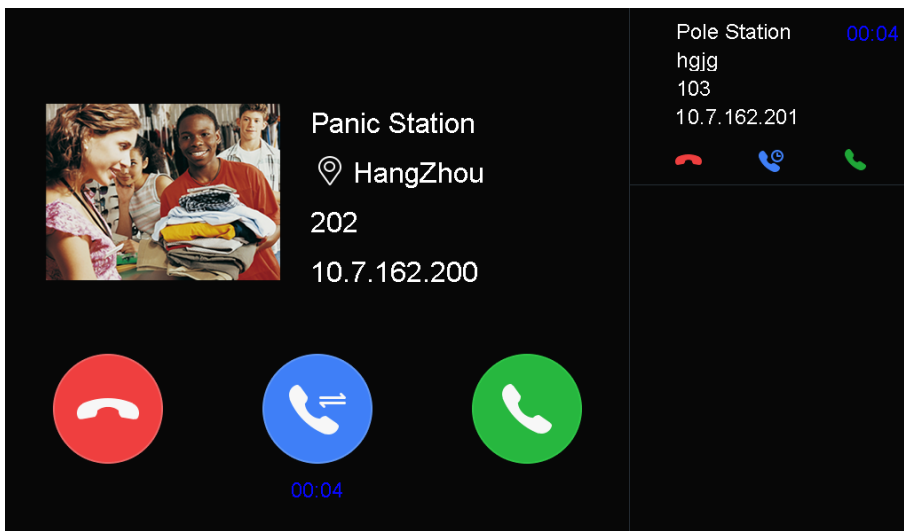
 **NOTE**

The Max. length of ID is 6 characters.



Receiving Panic Help or Consultation

Master station can handle the calls of up to 4 devices at the same time.



Press  to answer the call.



Press to hang up the call.

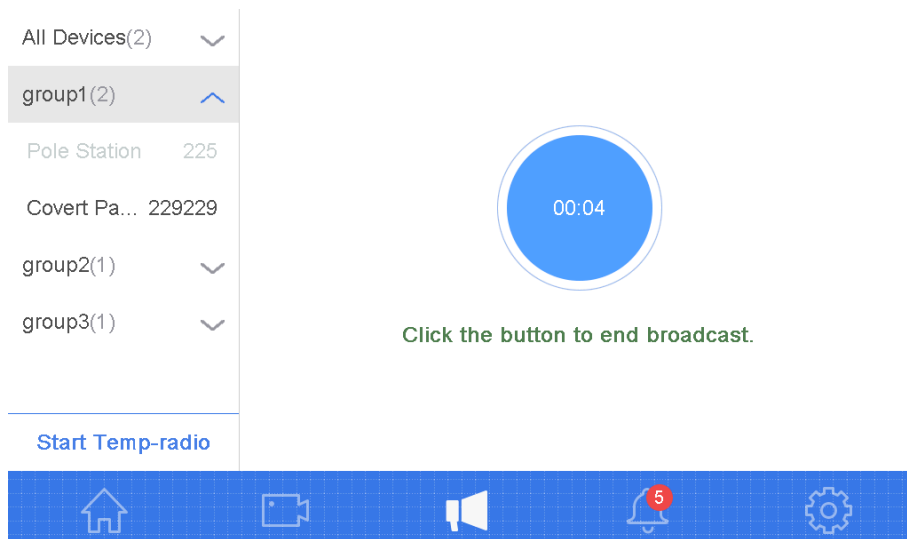


Press to forward the call.

Broadcast




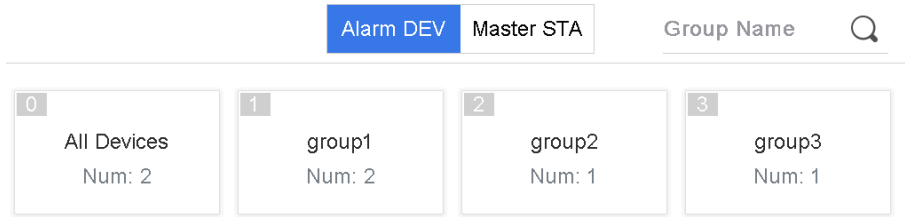
Press on the home page of the master station to enter the broadcast page. Select a group, and press the broadcast button on the right side to do broadcast for all devices in this group. Press **Start Temp-radio** to start broadcast to the selected devices.



Monitoring Security Control Device

You can view alarm video on the connected security control device.

Step 1 Press  on the home page to enter the group page.




Step 2 Select a group, and enter the device list in the group.

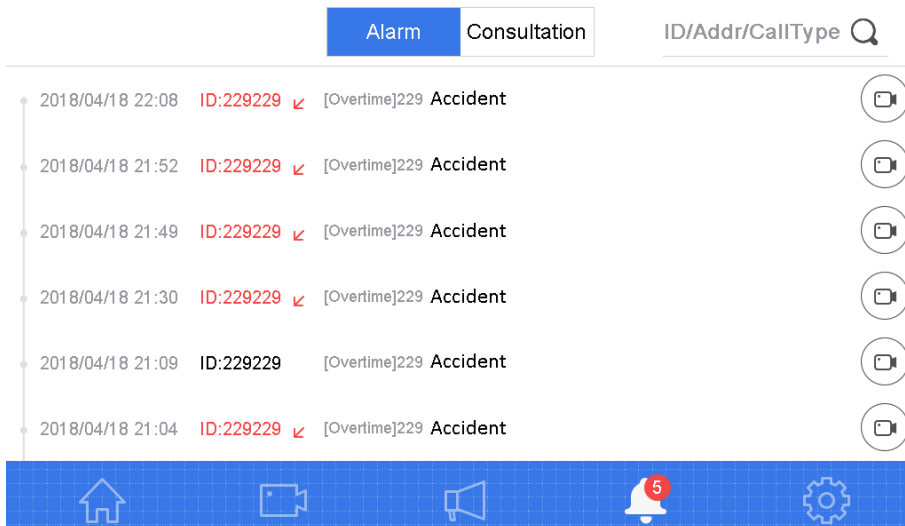


Step 3 Select a device to enter the video monitoring page.

Record Query

You can search for alarm record and consultation records.

Press  to enter the records query page.



Chapter 5 Remote Configuration

For properly running the system, set a login password to activate the panic alarm station before the first use. You can activate the device via SADP or client software.

The factory settings are show as follows.

- IP address: 192.0.0.64
- Port No.: 8000
- Admin User Name: admin

5.1 Device Management


Purpose:

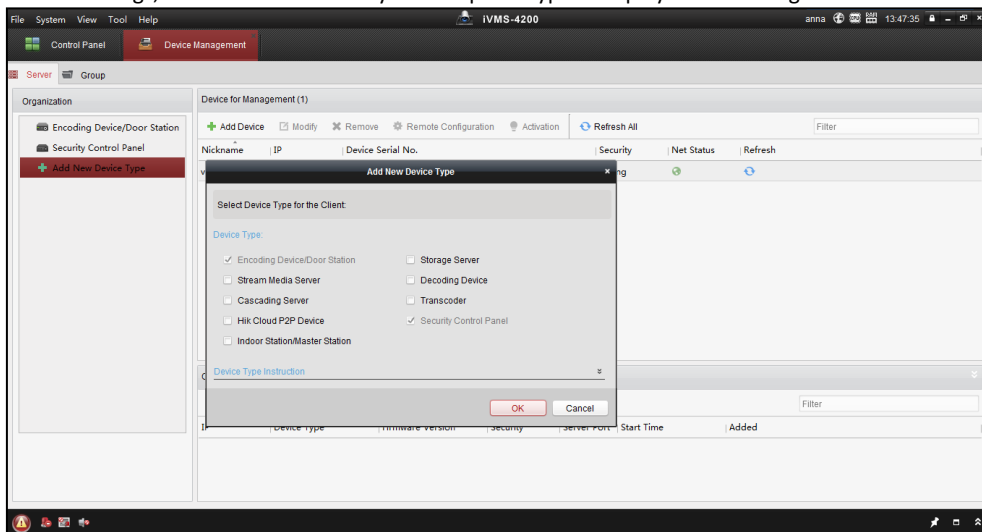
In this section, you are able to configure or view the basic parameters (such as the system information, alarm information, network data, device status and so on) of the device.

5.1.1 Add a Device

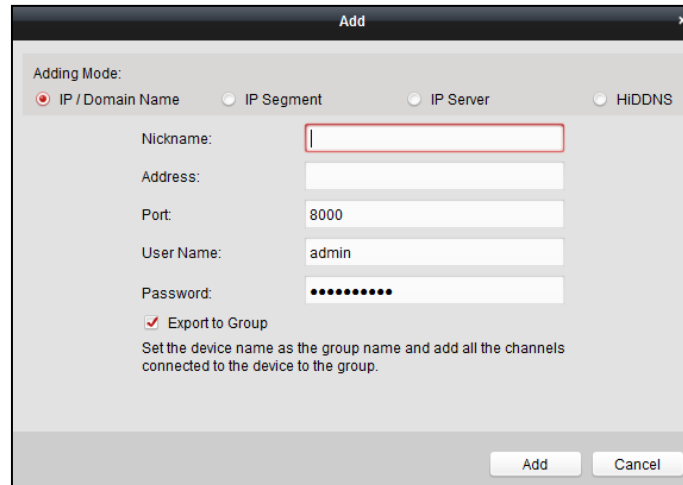
Steps:



1. Click the  icon on the control panel to enter the Device Management interface and click the **Server** tab.
2. Click **Add New Device Type** on the Organization list and select **Security Control Panel**.
3. Click **OK** to save the settings, and the added security control panel type is displayed on the Organization list.



4. Click **Security Control Panel** and click **Add Device** to add the device to the management list of the software.
5. You can add the active online devices in the same local subnet with the client software, or select the adding mode by IP/Domain Name, by IP segment, by IP Server, or by HiDDNS, and configure the corresponding settings for the device. Take **IP/Domain Name** as an example.



6. Input the required information.
 - Nickname:** Edit a name for the device as you want.
 - Address:** Input the device's IP address or domain name.
 - Port:** Input the device port number. The default value is 8000.
 - User Name:** Input the device user name.
 - Password:** Input the device password.
7. Optionally, you can check the checkbox **Export to Group** to create a group by the device name. All channels and alarm inputs of the device will be imported to the corresponding group by default.
8. Click **Add** to add the device.

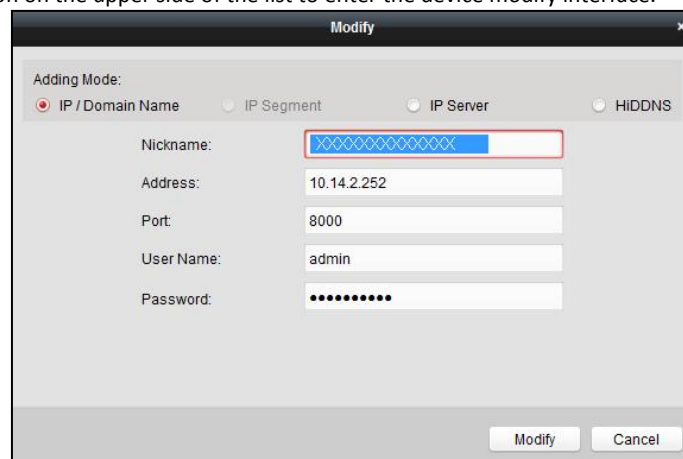
5.1.2 Edit a Device

Purpose:

You can edit the device information in this section, including the device name, address and port number.

Steps:

1. On the **Device Management** interface, click and select a control panel in the device list.
2. Click on the **Modify** button on the upper side of the list to enter the device modify interface.



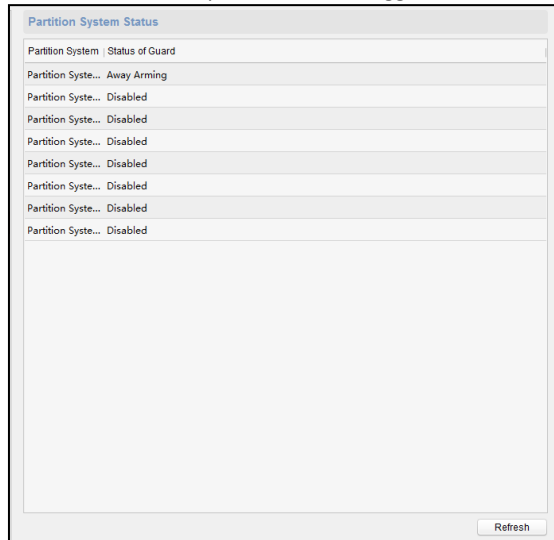
3. Enter the required nick name, address, and port number and then enter the admin username and password.
4. Click **Modify** to save the changes.

5.1.3 Delete a Device

Select device from the list, click **Delete**, and then you can delete the information of the selected device.

5.1.4 Status

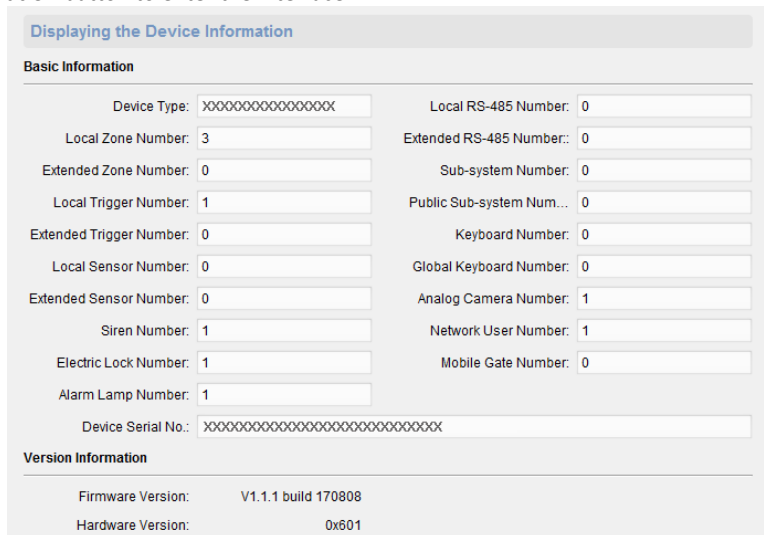
Click **Remote Configuration > Status** to view status of the partition, zone, trigger, siren ,and storage battery.



5.2 Remote Configurations

Purpose:

In this section, you are able to configure device parameters remotely. Click the **Remote Configuration** button to enter the interface.



5.2.1 System Information Settings

Purpose:

In this section, you can configure the system parameters (such as time, log, user, security, system maintenance and so on) for the device.

Displaying the Device Information

Basic Information

Device Type: XXXXXXXXXXXXXXXX Local RS-485 Number: 0

Local Zone Number: 3 Extended RS-485 Number: 0

Extended Zone Number: 0 Sub-system Number: 0

Local Trigger Number: 1 Public Sub-system Num...: 0

Extended Trigger Number: 0 Keyboard Number: 0

Local Sensor Number: 0 Global Keyboard Number: 0

Extended Sensor Number: 0 Analog Camera Number: 1

Siren Number: 1 Network User Number: 1

Electric Lock Number: 1 Mobile Gate Number: 0

Alarm Lamp Number: 1

Device Serial No.: XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Version Information

Firmware Version: V1.1.1 build 170808

Hardware Version: 0x601

General Settings

Steps:

1. Click **Remote Configuration > System > General** to enter the general parameters configuration interface.

Configuring the General Parameters

Device Information

Device Name: XXXXXXXXXXXX

Device No.: 255

Overwrite Record Files: Yes

Save

2. Input the device name and device number.
3. Click the drop down menu to select whether to overwrite the record files.
4. Click **Save** to save the settings.

Timing Settings

Purpose:

Before you start configuring the security control panel, you need to do timing for the device first.

Steps:

1. Click **Remote Configuration > System > Time** to enter the time configuration interface.

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

Time Zone

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

Enable NTP

Server Address: 0.0.0.0

NTP Port: 123

Sync Interval: 60 Minute(s)

Test

Enable DST

Start Time: April First Week Sun 2 :00

End Time: October Last Week Sun 2 :00

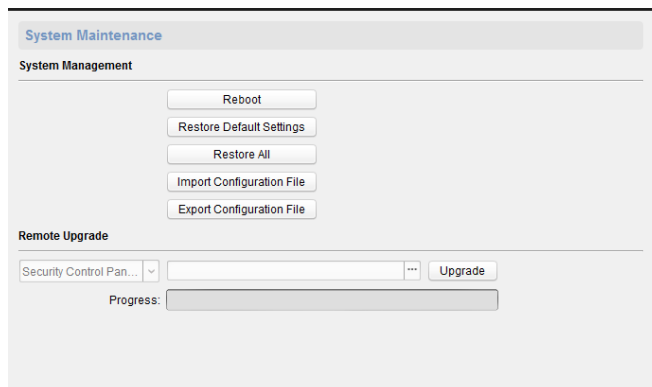
DST Bias: 60 min

Synchronization Save

2. Click **Synchronization** to do timing.

System Maintenance

The device supports system maintenance remotely. Click **Remote Configuration > System > System Maintenance** to enter the interface.



- **Restart the System**

Click **Reboot** to restart the device.

- **Restore Default Settings**

Click **Restore Default Settings** to restore the default settings.



Except the IP address and user parameters, all other parameters of the device will be restored to factory default settings.

- **Restore All the Parameters to Default**

Click **Restore All** to restore all the parameters to factory default settings.



After restoring the parameters to default, the device needs to be restarted.

- **Import Configuration File**

The device supports importing the configuration file. Click **Import Configuration File** to import the file.


- **Export Configuration File**

The device supports exporting the configuration file. Click **Export Configuration File** to export the file.

- **Import/Export IPC Configuration File**

The device supports importing/exporting the IPC configuration file. Click **Import/Export IPC Configuration File** to import/export the file.

- **Remote Upgrade**

The device also supports remote upgrading. You can select the upgrade file including security control panel upgrading file and alarm keypad upgrading file. Click  to select the local upgrading file and click **Upgrade** to upgrade the device. The upgrading progress is shown below.

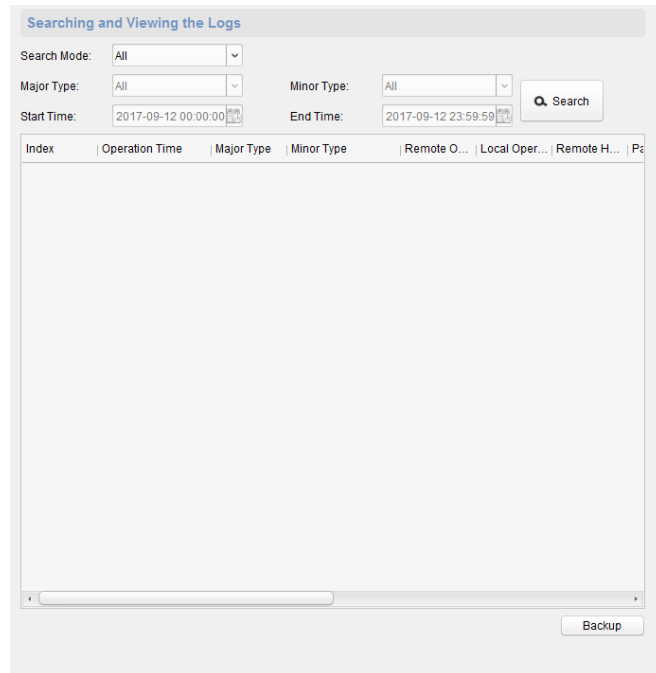
You need to enter the keypad address for keypad remote upgrade.



After upgrading, the device needs to be restarted.

Log Searching

Click **Remote Configuration > System > Log** to search and view the logs. Set the search mode, major type, minor type, start time and end time, and then click **Search** to search the log.



User Settings

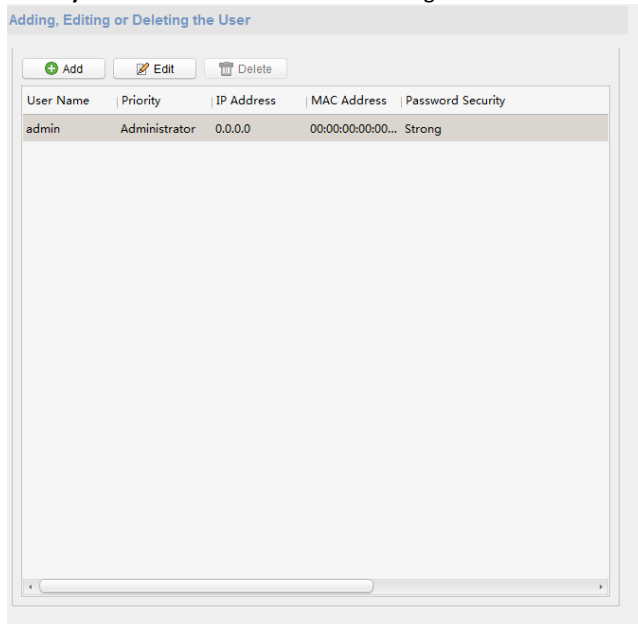
Purpose:


You can add, edit, or delete the user in this section.

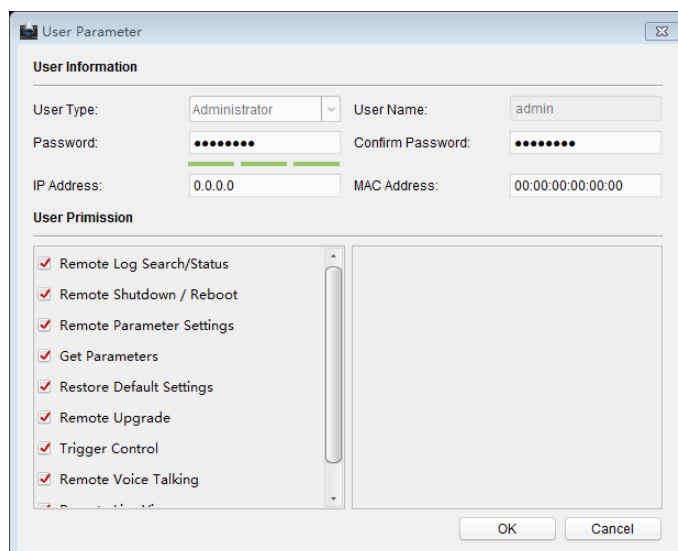
- Add an admin User (Only one admin user can be added)

Steps:

1. Click **Remote Configuration > System > User** to enter the user configuration interface.




2. Click  Add to enter the interface of adding a network user.

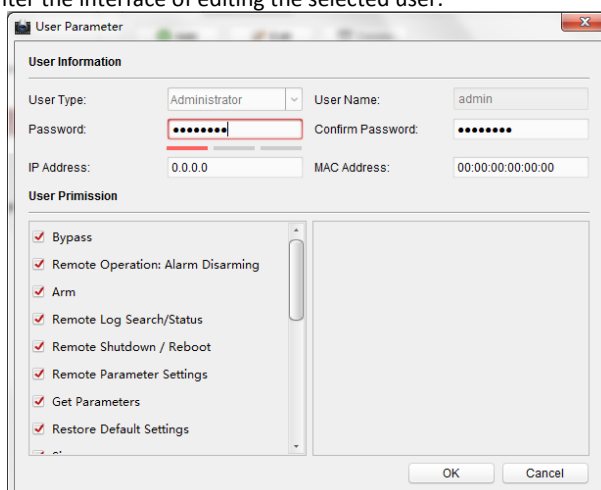


3. Enter the corresponding user information including the user type, user name, password, IP address, and MAC address.
4. Select the permission of the user.
5. Click **OK** to finish the settings.

■ Edit a User

Steps:

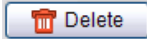
1. Click  to enter the interface of editing the selected user.



2. Edit the corresponding user information including the user type, user name, password, IP address, and MAC address.
3. Edit the permission of the user.
4. Click **OK** to finish the settings.

■ Delete a User

Steps:

1. Select a user needs to be deleted.
2. Click  to delete the user.

Password Management

Click **Remote Configuration > System > Password Management** to set the maximum password attempts and lock duration.

Configuring the Password Management

Access Lock

Max. Password Attempts: 7

Lock For: 600 s

IP Address	Unlock
------------	--------

Save Unlock All

5.2.2 Network Settings

Purpose:

You can edit the general network parameters in this section.

General Network Parameters Settings

Steps:

1. Click **Remote Configuration > Network > General** to enter the general network configuration interface.
2. Configure the network parameters.
3. Click **Save** to save the above settings.

Advanced Network Parameters Settings

Steps:

1. Click **Remote Configuration > Network > Advanced Settings** to enter the advanced network configuration interface.

Configuring the Advanced Network Settings

DNS1 IP Address: 8.8.8.8

DNS2 IP Address: 0.0.0.0

Alarm Host IP: 0.0.0.0

Alarm Host Port: 0

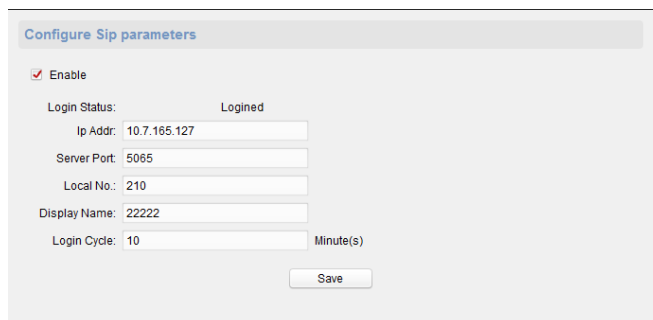
Save

2. Enter the corresponding DNS sever address.
3. Enter the IP address and port NO. of the control panel.
4. Click **Save** to save the settings.

Sip Settings

Steps:

1. Click **Remote Configuration > Network > Sip Config** to enter the Sip configuration interface.



2. Check **Enable** box to enable the Sip server.
3. Enter the Sip server parameters including IP address, port No., local No., display name, login cycle.



- The server port No. ranges from 1024 to 65535.
- The device ID ranges from 0 to 999999.
- The characters of local No. should be 1 to 64.
- The login cycle ranges from 1 to 30 (min)

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

5.2.3 Image Settings

Video& Audio Settings

Select the audio encoding type, click OK to save the settings.

Appendix A Installation Matters and Attention

To decrease the impact made by echo, the distance between the master station and panic alarm station is recommended to be no less than 10m.

Appendix B Wiring Standard

Table B-1 Wiring Standard

Cable	Standard
Master Station Power Cable	RVV 2*1.0
Master Station Network Cable	Cat5e

0100001080420

UD09930B



See Far, Go Further