User Manual
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About this Manual
This Manual is applicable to panic alarm 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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Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

**FCC Compliance:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

— Reorient or relocate the receiving antenna.
— Increase the separation between the equipment and receiver.
— Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
— Consult the dealer or an experienced radio/TV technician for help

**FCC Conditions**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

**EU Conformity Statement**

This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, LVD Directive 2014/35/EU, the RoHS Directive 2011/65/EU.

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

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

**Industry Canada ICES-003 Compliance**

This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.
Applicable Models

This manual is applicable to the models listed in the following table.

<table>
<thead>
<tr>
<th>Product</th>
<th>Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panic Alarm Station</td>
<td>DS-PEA1-21</td>
</tr>
<tr>
<td>Box Panic Alarm Station</td>
<td>DS-PEA2-21</td>
</tr>
<tr>
<td>Pole Panic Alarm Station</td>
<td>DS-PEA3M-21</td>
</tr>
<tr>
<td></td>
<td>DS-PEA3M-21H</td>
</tr>
</tbody>
</table>

Symbol Conventions

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

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

Safety Instruction

**WARNING**

- The device should be used in compliance with local laws and electrical safety regulations. Refer to the appropriate documentation for detailed information.
- The input voltage should conform to IEC60950-1 standard: SELV (Safety Extra Low Voltage) and the Limited Power Source (100~120/200~240 VAC). Refer to the appropriate documentation for detailed information.
- DO NOT connect multiple devices to one power adapter, to avoid over-heating or fire hazards caused by overload.
- Make sure the plug is properly connected to the power socket.
- If smoke, odor, or noise arises from the device, immediately turn off the power, unplug the power cable, and contact the service center.

**WARNING**

- Do not drop the device or subject it to physical shock.
- Wipe the device gently with a clean cloth and a small quantity of ethanol, if necessary.
- Do not aim the lens at the sun or any other bright light.
When any laser equipment is in use, make sure that the device lens is not exposed to the laser beam, or it may burn out.

- Do not expose the device to high electromagnetic radiation or extremely hot, cold, dusty, or damp environments, the appropriate temperature is -40°C to 60°C.

- Place the device in a dry and well-ventilated environment.

- Keep non-waterproof devices away from liquids.

- Keep the device in original or similar packaging while transporting it.

- A few device components (e.g., electrolytic capacitor) require regular replacement. The average lifespan varies, so periodic checking is recommended. Contact your dealer for details.

- Improper use or replacement of the battery may result in explosion hazard. Replace with the same or equivalent type only. Dispose of used batteries in conformance with the instructions provided by the battery manufacturer.

- Never attempt to disassemble the device.
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Chapter 1 Overview

1.1 Description

DS-PEA series of active panic alarm station supports multiple networks. It provides live view, two-way audio, and customized audio input. It supports linkage with the surrounding cameras and external lamp, sound box, etc. It helps to realize alarm aid in emergency.

1.2 Key Features

- Network adaptive and video and audio adaptive
- Audio and video file storage
- H.264/H.265, G.711U, G726
- Video collection and all-day monitoring with 2MP HD IR camera
- Built-in omnidirectional microphone to realize two-way audio
- Multiple network protocols including TCP/IP, SNMP, RTSP and SADP
- Supports Hik-SIP, Ehome, and Ezviz
- Waterproof, anti-electromagnetic interference, tamper-proof, explosion-proof, and anti-lightning (Panic Alarm Station doesn’t support waterproof)
Chapter 2 Structure Description

2.1 Mainboard Description

Figure 2-1 Mainboard of panic alarm station
2.2 Appearance Description

2.2.1 Panic Alarm Station

Figure 2-2 One-touch Panic Alarm Station

Table 2-1 Panel Description

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Loudspeaker</td>
</tr>
<tr>
<td>2</td>
<td>IR Light</td>
</tr>
<tr>
<td>3</td>
<td>Camera</td>
</tr>
<tr>
<td>4</td>
<td>Light Sensor</td>
</tr>
<tr>
<td>5</td>
<td>Panic Alarm Button</td>
</tr>
<tr>
<td>6</td>
<td>Microphone</td>
</tr>
</tbody>
</table>
2.2.2 Box Panic Alarm Station

![Figure 2-3 Case Panic Alarm Station](image)

Table 2-2 Panel Description

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Audible Alarm Lamp</td>
</tr>
<tr>
<td>2</td>
<td>Loudspeaker</td>
</tr>
<tr>
<td>3</td>
<td>IR Light</td>
</tr>
<tr>
<td>4</td>
<td>Camera</td>
</tr>
<tr>
<td>5</td>
<td>Light Sensor</td>
</tr>
<tr>
<td>6</td>
<td>Panic Alarm Button</td>
</tr>
<tr>
<td>7</td>
<td>Microphone</td>
</tr>
</tbody>
</table>
2.2.3 Pole Panic Alarm Station

![Diagram of Pole Panic Alarm Station]

Table 2-3 Panel Description

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Audible Alarm Lamp</td>
</tr>
<tr>
<td>2</td>
<td>Microphone</td>
</tr>
<tr>
<td>3</td>
<td>IR Light</td>
</tr>
<tr>
<td>4</td>
<td>Camera</td>
</tr>
<tr>
<td>5</td>
<td>Light Sensor</td>
</tr>
<tr>
<td>6</td>
<td>Loudspeaker</td>
</tr>
<tr>
<td>7</td>
<td>Panic Alarm Button</td>
</tr>
</tbody>
</table>

Figure 2-4 Pole Panic Alarm Station

2.3 Installation and Connections

⚠️ The product is suitable for mounting on concrete or other non-combustible surface only.

⚠️ For PLUGGABLE EQUIPMENT, the socket-outlet shall be installed near the equipment and should be easily accessible.

⚠️ For PERMANENTLY CONNECTED EQUIPMENT, a readily accessible disconnect device (2.5A) shall be incorporated external to the equipment.
2.3.1 Power Supply Wiring

Figure 2-5 Power Supply Wiring

2.3.2 Network Wiring

Figure 2-6 Network Wiring
2.3.3 Audible and Visual Alarm Wiring

![Audible and Visual Alarm Wiring Diagram](image)

Figure 2-7 Audible and Visual Alarm Wiring

2.3.4 Alarm Input Wiring (Normally Open)

![Alarm Input Wiring (Normally Open) Diagram](image)

Figure 2-8 Alarm Input Wiring (Normally Open)
2.3.5 Pole Panic Alarm Station Installation

Pole Panic Alarm Station (without Speed Dome Bracket) Dimension

Figure 2-9 Pole Panic Alarm Station (without Speed Dome Bracket) Dimension
Pole Panic Alarm Station (with Speed Dome Bracket) Dimension

Figure 2-10 Pole Panic Alarm Station (with Speed Dome Bracket) Dimension
Pole Panic Alarm Station Grounding Cage Dimension (without Speed Dome Bracket)

Figure 2-12 Pole Panic Alarm Station Grounding Cage Dimension (without Speed Dome Bracket)
Pole Panic Alarm Station Grounding Cage Dimension (with Speed Dome Bracket)

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Figure 2-13 Pole Panic Alarm Station Grounding Cage Dimension (with Speed Dome Bracket)
Chapter 3 Activating the Control Panel

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

◆ Activation 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 **OK** to save the password.

You can check whether the activation is completed on the popup window. If activation failed, please make sure that the password meets the requirement and then try again.

5. Change the device IP address to the same subnet with your computer by either modifying the IP address manually or checking the checkbox of Enable DHCP.
6. Input the password and click the **Modify** button to activate your IP address modification.

◆ **Activation 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 icon to enter the Device Management interface, as shown in the figure below.
3. Click Add Device Type to enter the adding device type page.

![Device Management Interface](image)

5. Click Security Control Panel in the Organization list.
6. Check the device status from the device list, and select an inactive device.
7. Click the Activate button to pop up the Activation interface.
8. Create a password and input the password in the password field, and confirm the password.

![Activation Interface](image)

**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.

9. Click OK button to start activation.
10. Click the Modify Netinfo button to pop up the Network Parameter Modification interface, as shown in the figure below.
11. Change the device IP address to the same subnet with your computer by either modifying the IP address manually or checking the checkbox of Enable DHCP.

12. Input the password to activate your IP address modification.
Chapter 4 Device Remote Operation

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:** 192.0.0.65
- **Port No.:** 8000
- **Admin User Name:** admin

4.1 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.

4.1.1 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.

4.1.2 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.

4.1.3 Delete a Device

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

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

4.2 Remote Configurations

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

4.2.1 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.

General Settings

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

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.

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 **Remote Upgrade** 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 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.
   
   ![User Parameter Interface]

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.
4.2.2 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 NIC setting.
3. Click **Save** to save the above settings.
Network Center Settings

Purpose:
In this section, you can configure the parameters (such as server type, IP address, port NO., and so on) of the network center.

Steps:
1. Click Remote Configuration > Network > Network Center Configuration to enter the network center configuration interface.

2. Click and select a network center. Two centers are selectable.
3. Click Enable Upload Center.
4. Click the dropdown menu to select a server type. Two sever types are available: IP4/IP6 and domain.
5. Enter the IP address which is used to communicate with the network alarm receiving center.
6. Enter the port NO. for communicating with the alarm receiving center.
7. Click the dropdown menu to select the protocol type.
8. Enter the username which is applying for displaying in the alarm receiving center.

![Image of network center configuration interface]

The length of the username should be 6 characters. Only numeric (0~9), and letter (A~F&a~f) are valid for this username.

Call Center Settings

Purpose:
You can configure the parameters (such as report uploading time period, center name, phone number and so on) for each call center in this section.

Steps:
1. Click Remote Configuration > Network > Call Center Configuration to enter the call center configuration interface.

![Image of call center configuration interface]
2. Select a center type (only center 1 is available).

3. Enter the center name and phone number.
   
   - The maximum length of center name is 32 characters.
   - The phone number should be 31 characters and the input mode is
     \{NO.\}{Dwell Time}{EXT NO.}. For example, in the number of 000088075998FFF8180, the letter F (which means 2 seconds) represents the dwell time, if the number of the letter F is N, the dwell time is N*F seconds. The number of F is suggested to be more than 3, which means the dwell time should be more than 6 seconds.

4. Enter the dialing times (1~15). The dialing times represents the times that the control panel trying to communicate the alarm receiving center.

5. Select the communication protocol.

6. Select the transmission mode: DTMF5/S and DTMF10/S.

7. Enter the receiver ID which is the authentication account while doing the communication with the alarm receiving center.

8. Click Save to save the settings.

**Advanced Network Parameters Settings**

**Steps:**

1. Click Remote Configuration > Network > Advanced Settings to enter the advanced network configuration interface.
2. Enter the corresponding DNS server address.
3. Enter the IP address and port NO. of the control panel.
4. Click Save to save the settings.

**CMS Settings**

*Purpose:*
CMS is used to configure EHome protocol parameters for the device.

*Steps:*
1. Click Remote Configuration > Network > CMS to enter the CMS configuration interface.
2. Click the dropdown menu to select a sever type. Two sever types are available: IP4/IP6 and domain.
3. Enter the IP address which is used to communicate with the service.
4. Enter the port NO. for communicating with the service. The default port NO. for EHome protocol is 7660 and for privacy protocol is 10001.
5. Click the dropdown menu to select the communication network. Four types are available: Auto, Wired Network Priority, Wired Network and Wireless Network.
6. Enter the device ID where the CID report comes from.
   - The length of the device ID should be 6 characters.
   - Only numeric (0~9), and letter (A ~ F & a ~ f) are valid for this device ID.
7. 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.

### 4.2.3 Storage

**HDD Information**

**Steps:**
1. Click **Remote Configuration > Storage > General** to enter the HDD Settings interface. You can view the capacity, free space, status, type and property of the disk.
2. If the status of the HDD is **Uninitialized**, check the corresponding checkbox to select the disk and click **Format** to start initializing the disk. When the initialization completed, the status of disk will become **Normal**.

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

**NOTE**

This function is available only if the device is connected with HDD.

**File Query**

*Steps:*

1. Click **Remote Configuration > Storage > File** to enter the file query interface.
2. Enter the search criteria including camera name, property, start time and end time.
3. Click **Search** to get the file list.

4.2.4 Alarm Settings

**Zone Settings**

**Steps:**

1. Click **Remote Configuration > Alarm > Zone** to enter the Zone configuration interface.

2. In the Alarm Input list, select an alarm input channel and click the icon **** to enter the zone setting interface.
3. Edit the general information of the Zone, including name, detector type, zone type, sensitivity and so on. **Detector Type**: Select the type of the detector. **Zone Type**: Select the type of Zone in the partition. **Sensitivity**: Select the response time of the Zone.

4. Select the linked siren and linked trigger.

5. Click **Copy to** to copy all these settings to other Zones.

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

**Trigger Settings**

**Steps:**

1. Click **Remote Configuration > Alarm > Trigger** to enter the trigger configuration interface.

2. In the Alarm Output list, select the alarm output channel and click the icon to enter trigger parameters setting interface.
3. Edit the general information of the trigger, including name, output delay and so on.
   **Output Delay (0~5999s):** Configure the alarm output time after the alarm being triggered.

4. Click **Copy to** to copy all these settings to other Zones.

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

**Calling Waiting Settings**

**Steps:**
1. Click **Remote Configuration > Alarm > Waiting** to enter the trigger configuration interface.

   ![Setting Configuration Interface]

2. Enter the Max. ring duration (40s to 80s) for reporting alarm to the center.

3. Enter the waiting time (10s to 60s) for the center to answer the call.

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

**Alarm Lamp Settings**

**Steps:**
1. Click **Remote Configuration > Alarm > Alarm Lamp Flicking** to enter the trigger configuration interface.
2. Check Enable Alarm Lamp Flicking box.
3. Enter the alarm lamp flashing duration (s).
4. Enter the time interval for each flashing(s).
5. Click Save to save the settings.

!!NOTE!!

If the duration is 180s and the time interval is 3600s, the alarm lamp flashes 3 minutes each hour.

**Voice Prompt Settings**

*Steps:*
1. Click Remote Configuration > Alarm > Voice Prompt to enter the trigger configuration interface.
2. Check Enable Alarm Lamp Flicking box.
3. Select Female/Male voice for center busy file, refuse, and voice talking prompt.
4. Select the ring tone.
5. Slick Save to save the settings.

4.2.5 Image Settings

Video& Audio Settings

Steps:
1. Click Remote Configuration > Image > Video & Audio to enter the video/audio configuration interface.

2. Select a camera needs to be configured.
3. Edit the general video parameters.
   - **Sream Type**: The main stream is usually for recording and live viewing with good bandwidth, and the sub-stream can be used for live viewing when the bandwidth is limited.
   - **Video Type**: Select the stream type to video stream, or video & audio composite stream.
   - **Bitrate Type**: Select the bitrate type to constant or variable.
   - **Resolution**: Select the resolution of the video output.
   - **Frame Rate**: The frame rate is to describe the frequency at which the video stream is updated and it is measured by frames per second (fps). A higher frame rate is advantageous when there is movement in the video stream, as it maintains image quality throughout.
   - **I Frame Interval**: Set the I-Frame interval from 1 to 400.
4. Click Copy to to copy all these settings to other Zones.
5. Click Save to save the settings.

OSD Settings

Steps:
1. Click Remote Configuration > Image > Video Display to enter the OSD Settings interface.
2. Check the corresponding checkbox to select the display of camera name, date or week if required.
3. Edit the camera name in the text field of **Camera Name**.
4. Select from the drop-down list to set the time format, date format and display mode.
5. Check the checkbox in front of textbox to enable the on-screen display.
6. Input the characters in the textbox.
7. Use the mouse to click and drag the red text frame in the live view window to adjust the text overlay position.
8. Click **Save** to save the settings.

**Image Settings**

*Steps:*
1. Click **Remote Configuration > Image > Image Settings** to enter the image settings interface.

2. Drag the 📷 to adjust the brightness, contrast, saturation of the image.
3. You can also click Default Value to restore the default values.

4.2.6 Event Settings

Schedule Settings

Click Remote Configuration > Events > Schedule to enter the record schedule configuration interface.

● Record Schedule Settings

Steps:
1. Select the camera needs to be configured.
2. Check the checkbox of Local Recording to enable the device local recording. You can also check ANR checkbox to enable the device continuing recording even if the network is off.
3. Select from the drop-down list to set the recording type including Main Stream and Sub Stream.
4. Click the icon to set the record schedule.
5. Click Edit to enter the Templates Management interface. Select the template to be set and you can edit the template name.
6. Set the time schedule for the selected template.
   - When the cursor turns to , you can edit the schedule time bar.
   - When the cursor turns to , you can move the selected time bar you just edited.
   - When the cursor turns to , you can lengthen or shorten the selected time bar.
7. Optionally, you can select the schedule time bar,  
   And then click the icon to delete the selected time bar,  
   Or click the icon to delete all the time bars,  
   Or click the icon to copy the time bar settings to the other dates.
8. Click Save to save the template, or click cancel to exit the interface.
9. Click Advanced Settings button to set the pre-record time, post record time, video expired time, redundant record and audio recording.

10. Click Copy to copy all these settings to other Zones.
11. Click Save to save the settings.

Capture Schedule Settings
1. Check the checkbox of Capture Settings to enable the device local capturing.
2. Click the icon to set the capture schedule. For details, refer to Steps 5, 6, 7 in Record Schedule Settings.
3. Click Copy to copy all these settings to other Zones.
4. Click Save to save the settings.

4.2.7 Operation
You can configure the trigger, siren, alarm lamp, electric lock, and audio in/out in this section.

Click Remote Configuration > Operation to enter the interface.

Trigger: you can select to turn on/off the selected trigger.
Siren: you can enable/disable the specified siren.
Alarm Lamp: You can enable/disable the alarm lamp.
Electric Lock: You can enable/disable the electric lock.
Audio In/Out: You can adjust the input volume and output volume.

4.2.8 Status
Click Remote Configuration > Status to view status of the partition, zone, trigger, siren, and storage battery.
4.3 Zone Settings

4.3.1 Zone Settings

Steps:
1. Click Device Management > Security Control Panel > Remote Configuration > Alarm > Zone to enter the Zone configuration interface.
2. In the Alarm Input list, select an alarm input channel and click the icon to enter the zone settings interface.
3. Edit the general information of the zone, including name, detector type, zone type, sensitivity, audio file etc.

Detector Type: Select the type of the detector.
Zone Type: Select the type of zone in the partition.
Sensitivity: Select the response time of the zone.
4. Select the linked siren, alarm lamp, linked trigger and others.
5. Click **Copy to** to copy all these settings to other zones.

![Copy to](image)

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

**NOTE**

Four zone types in the Zone Parameters: Instant Zone, Fire Alarm Arming Zone, 24 Hour Non-voiced Zone and Shield Zone.

- **Instant Zone**: Alarm is sent out without any delay once the detector is triggered.
- **Fire Alarm Arming Zone**: When the 24-hour armed zone is triggered by fire alarm, sirens will send out resonant and special sound.
- **24 Hour Non-voiced Zone**: When the 24-hour armed zone is triggered, it will send alarm reports to the surveillance center without any audible warning. The 24 hour silence alarm zone is not affected by manual or scheduled arming/disarming.
- **Shield Zone**: The alarm will not be triggered.

Panic alarm station has three zones among which two are ordinary zones and one is emergency zone.

### 4.3.2 Zone Event Settings

**Steps:**

1. Click **Control Panel > Event Management > Zone Event** to enter the Zone Event configuration interface.

![Zone Event](image)

2. Select the corresponding zone on the left and then tick necessary items.
3. (Optional) Click **Copy to** to tick the necessary items.
4. Click **Save** to save the settings.

### NOTE

The Alarm In is emergent by default.

### 4.3.3 Alarm Pop-up Window Settings

**Purpose**

When the devices are armed, the alarm intercom will pop up once the detectors are triggered.

**Enable Pop-up Window Function**

When the devices are arming, enable the pop-up window by following the steps below.

**Steps:**

1. Click **Tool > Device Arming Control** to enter the device arming control interface.

2. Click the alarm device to make it in the state of arming.

**Pop-up Window Operation**

When the window pops up, you can

- click to answer the alarm calling or service consulting;
- click to reject the alarm calling or service consulting;
- click to hold on the calling or consulting;
- click to turn on electric lock of alarm bar;
- click to turn on alarm lamp (applicable to panic alarm station with camera);
4.4 Broadcast Settings

Steps:
1. Click **Tool > Broadcast** to enter the broadcast management interface.

2. Click the corresponding item.
3. (Optional) Unclick the corresponding item if you want to cancel the broadcast.
4. Click **Save** to save the setting.

**NOTE**

After the broadcast setting, the client can broadcast to multiple devices.
See Far, Go Further