Precautions

Fully understand this document before using this device, and strictly observe rules in this document when using this device. If you install this device in public places, provide the tip “You have entered the area of electronic surveillance” in an eye-catching place. Failure to correctly use electrical products may cause fire and severe injuries.

WARNING

- It alerts you to moderate dangers which, if not avoided, may cause minor or moderate injuries.
- It alerts you to risks. Neglect of these risks may cause device damage, data loss, device performance deterioration, or unpredictable results.

WARNING

- Strictly observe local electrical safety standards and use strict inspection. The manufacturer shall not be held responsible for counterfeit products.
- The manufacturer will update this manual according to product function enhancement or changes and regularly update the software and hardware described in this manual. Update information will be added to new versions of this manual without prior notice.
- This manual may contain misprints, technology information that is not accurate enough, or product function and operation description that is slightly inconsistent with the actual product, the final interpretation of company is as a standard.
- This manual is only for reference and does not ensure that the information is totally consistent with the actual product. For consistency, see the actual product.

Special Announcement

- All complete products sold by the manufacturer are delivered along with nameplates, quick setup guide and accessories after strict inspection. The manufacturer shall not be held responsible for counterfeit products.
- Use accessories delivered with this device. The voltage must meet input voltage requirements for this device.
- If this device is installed in places with unsteady voltage, ground this device to discharge high energy such as electrical surges in order to prevent the power supply from burning out.
- When this device is in use, ensure that no water or any liquid flows into the device. If water or liquid unexpectedly flows into the device, immediately power off the device and disconnect all cables (such as power cables and network cables) from this device.
- Do not focus strong light (such as lighted bulbs or sunlight) on this device. Otherwise, the service life of the image sensor may be shortened.
- If this device is installed in places where thunder and lightning frequently occur, ground the device nearby to discharge high energy such as thunder strikes in order to prevent device damage.

CAUTION

- Avoid heavy loads, intensive shaking, and soaking to prevent damages during transportation and storage. The warranty does not cover any device damage that is caused during secondary packaging and transportation after the original packaging is taken apart.
- Protect this device from fall-down and intensive strikes, keep the device away from magnetic field interference, and do not install the device in places with shaking surfaces or under shocks.
- Clean the device with a soft dry cloth. For stubborn dirt, dip the cloth into slight neutral cleanser, gently wipe the dirt with the cloth, and then dry the device.
- Do not jam the ventilation opening. Follow the installation instructions provided in this document when installing the device.
- Keep the device away from heat sources such as radiators, electric heaters, or other heat equipment.
- Keep the device away from moist, dusty, extremely hot or cold places, or places with strong electric radiation.
- If the device is installed outdoors, take insect- and moisture-proof measures to avoid circuit board corrosion that can affect monitoring.
- Remove the power plug if the device is idle for a long time.
- Before unpacking, check whether the fragile sticker is damaged. If the fragile sticker is damaged, contact customer services or sales personnel. The manufacturer shall not be held responsible for any artificial damage of the fragile sticker.

NOTES

1. This manual is only for reference and does not ensure that the complete products sold by the manufacturer are delivered along with nameplates, quick setup guide and accessories after strict inspection. The manufacturer shall not be held responsible for counterfeit products.
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Device Structure

2.1 Device Ports

NOTE

Different devices may have different ports and multi-head cable, please refer to the actual product.

Figure 2-1 Hardware ports

<table>
<thead>
<tr>
<th>ID</th>
<th>Port Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BNC Video</td>
<td>Sends an analog video signal. You can connect the camera to a TV monitor through this port to view the analog video.</td>
</tr>
<tr>
<td>2</td>
<td>SD card slot</td>
<td>Install a SD card.</td>
</tr>
<tr>
<td></td>
<td>NOTE</td>
<td>- Before install a SD card, verify the card not in write protection state.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>- Before remove the SD card. Verify the card not in write protection state. Otherwise, the data may be lost, or the SD card may be damaged.</td>
</tr>
</tbody>
</table>

Figure 2-3 Multi-head cable 2

<table>
<thead>
<tr>
<th>ID</th>
<th>Port Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Network access port</td>
<td>Connects to a standard Ethernet cable or PoE. The green light is on, the network connection is normal; the yellow light flashes when the data is transmitted. Some models may not have the lights, please refer to actual product.</td>
</tr>
<tr>
<td>2</td>
<td>Audio input port</td>
<td>Receives an analog audio signal from devices such as a sound pickup device.</td>
</tr>
<tr>
<td>3</td>
<td>Audio output port</td>
<td>Connects to an external audio device.</td>
</tr>
<tr>
<td>4</td>
<td>Power supply (DC 12V)</td>
<td>Connects to a 12V direct current (DC) power supply.</td>
</tr>
<tr>
<td>5</td>
<td>Alarm</td>
<td>Applied for alarm function.</td>
</tr>
</tbody>
</table>

Table 2-2 Multi-head cable 1 description

<table>
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<th>Remark</th>
</tr>
</thead>
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<td>Connects to a standard Ethernet cable or PoE. The green light is on, the network connection is normal; the yellow light flashes when the data is transmitted. Some models may not have the lights, please refer to actual product.</td>
<td>Support PoE supply.</td>
</tr>
<tr>
<td>2</td>
<td>Audio input port</td>
<td>Receives an analog audio signal from devices such as a sound pickup device.</td>
<td>Applied for alarm function.</td>
</tr>
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<td>Audio output port</td>
<td>Connects to an external audio device.</td>
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Device Installation

The Bullet Network Camera can be installed on the ceiling or wall. If the camera is installed on a wooden wall, install the swivel plastic button before installing the bracket. If the camera is installed on a wooden wall, use self-tapping screws to install the bracket directly.

Installation Steps:
1. Stick the Installation location sticker on the ceiling or wall, drill three holes based on the marks on the sticker. Drive the swivel plastic buttons into the holes.
2. Connect the multi-connector cable.
3. Install the camera on the ceiling or wall, and fix the screws as shown in figure 3-1.
4. Loosen the fixing screw and locking ring to adjust the position so that the camera faces the monitored area, then tighten the locking ring and the fixing screw, as shown in figure 3-2.

Quick Configuration (e.g. IE)

4.1 Login
Step 1: Open the Internet Explorer, enter the IP address of the IP Camera (default: 192.168.0.120) in the address box, and press Enter. The login page is displayed, as shown in figure 4-1.
Step 2: Input the user name and password.

4.2 Modify IP address
Choose Configuration > Device > Local Network, the Local Network page is displayed. Enter the IP address in the IP Address box and click Apply as shown in figure 4-2. After the IP address is set successfully, please use the new IP address to log in the Web interface.

4.3 Browsing Video
To ensure the real-time video can be played properly, you must perform the following operation when you log in the web for the first time:
Step 1: In the Internet Explorer, Choose Tools > Internet options > Security > Trusted sites > Sites, in the display dialog box, click Add, as shown in figure 4-3.
Step 2: In the Internet Explorer, Choose Tools > Internet Options > Security > Customer level, and set Download unsigned ActiveX control and initialize and script ActiveX controls not marked as safe for scripting under ActiveX controls and plug-ins to Enable, as shown in figure 4-4.

4.4 Intelligent Analysis

4.5 Intelligent Analysis

4.6 Alarm Configuration

Alarm input and Alarm output connection:
Step 1: Connect alarm input device to Alarm IN0 and Alarm COM0 of multi-head cable.
Step 2: Connect alarm output device to Alarm OUT1 and Alarm COM1 of multi-head cable, alarm output interface can connect to normal open device only.
Step 3: Log in Web, Choose Configuration > Alarm > Alarm output.
Step 4: Choose Configuration > Alarm > I/O Alarm Linkage, enable the I/O Alarm and set the parameters of Schedule Setting.

4.7 AI Multi object

AI Multi object interface can enable face detection, full body detection, vehicle detection, set the other parameters of detection, as shown in figure 4-8.