1. Open Package Examination

Open the package, check the appearance of product for no obvious damage, and confirm the item list for Table 1-1 is consistent.

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bullet Network Camera</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Quick Setup Guide</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Installation Location Sticker</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Stainless self-lapping screw</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Plastic anchor</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Network access port protective cover</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Waterproof rubber seal</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>L hexagon wrench</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Terminal block</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

2. Device Structure

2.1 Device Ports

- Audio output: Connect to an external audio device such as a speaker. Applied for camera with audio function.
- Audio input port: Connect to a standard Ethernet cable with PoE. The green light is on, the network connection is normal; when the data is transmitted, the yellow light flashes with the green light on.
- Alarm input terminal: Connect to an external alarm device such as a sound pickup device. Receive an analog audio signal from devices such as a sound pickup device.
- Alarm output terminal: Connect to the output alarm signal from the alarm device.
- Power supply (DC 12V): Connect to a 12V direct current (DC) power supply.

3. 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.

4. Precautions

- Apply for a device when using the device. Do not change the device's power supply. Disconnect all cables (such as power cables and network cables) from this device.
- Do not focus strong light on this device. Do not focus strong light such as sunlight on this device. Otherwise, the service life of the image sensor may be shortened.
- If the device is installed in places where thunder and lightning frequently occur, ground the device nearby to discharge high energy such as thunder strikes to prevent device damage.
- Avoid heavy loads, intensive shakes, 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. Do not jam the ventilation opening. Following 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 intact. The manufacturer shall not be held responsible for any artificial damage of the fragile sticker.

WARNING

If you use this device 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.

NOTE

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3 Device Installation

The Bullet Network Camera can be installed on the ceiling or wall. You can select an installation mode based on site requirements. If the camera is installed on a concrete wall, expand the bulbs 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 four holes based on the marks on the sticker. Drive the plastic anchors into the holes. Install the camera on the ceiling or wall, and fix the screws as shown in figure 3-1.
2. Connect the multi-conector cable.

NOTE
The wall where the support is mounted must be able to withstand at least three times of the total weight of the support and the camera.
You can route cables from the top or from the side. If you use the top routing method, drill a hole in the surface first. If you use the side routing method, please route the multi-head cable out from the side gap at the bottom of the camera.

Figure 3-1 Installing bracket

Step 1
Stick the installation location sticker on the ceiling or wall, drill four holes based on the marks on the sticker. Drive the plastic anchors into the holes. Install the camera on the ceiling or wall, and fix the screws as shown in figure 3-1.

Step 2
Connect the multi-conector cable.

Figure 3-2 Finish installation

4 Quick Configuration(e.g IE)

4.1 Login
Step 1
Open the Internet Explorer, enter the IP address of IP camera (the default value: 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.

NOTE
The default user name and password are both admin. Change the password when you login the system for the first time. If you can visit the system security.
The default user name and password are both admin. Change the password when you login the system for the first time.

Figure 4-1 Login

IP CAMERA

English

User Name:

Password:

Figure 4-2 Local Network

Step 3
Click Login, the main page is displayed.

4.2 Modify IP address
Choose Configuration > Device > Local Network, the Local Network page is displayed.
Input 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 login the Web interface.

NOTE
If the repair tips displayed when installing the control, please ignore the prompt, and continue the installation, close the Web page during installing. Then login the page again.
To browse a real-time video, login the device and click Live Video. The Live Video page is displayed, as shown in figure 4-5.

Figure 4-5 Live Video

4.3 Browsing Video
To ensure the real-time video can be played properly, you must perform the following operation when you login the web for the first time. If you can view the video immediately, please ignore it.

Step 1
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.

Figure 4-3 Adding a trusted site

Table 4-1 Parameters of Intelligent Analysis

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enable</td>
<td>Enable the fence, draw the warning area at live video by using mouse. The default status is disabled.</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>The sensitivity of the retrieval target, choose from 1 to 10; 5 means the highest sensitivity, it will detect the target easily.</td>
</tr>
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</table>
| Limit Target   | Enable, the type can be chosen, person or car/person.
| Limit Type     | Enable the fence, draw the warning area at live video by using mouse. The default status is Enable. |
| Output Channel | Select to linkage camera's relay output channel for Intelligent Analysis Alarm. |
| Audio Detect   | Enable, user can choose the audio file to play if it happens alarm. The audio file can be set at Configuration > Alarm > Sound Alert Output | | |
| Alarm Record   | Enable, if user set the parameters of alarm, it will send email to user if it happens Intelligent Analysis alarm. |
| SMTP           | Enable, if user set the parameters of FTP, it will send snapshot to FTP server if it happens Intelligent Analysis alarm. |
| FTP Upload     | Enable, if user set the parameters of FTP, it will send snapshot to FTP server if it happens Intelligent Analysis alarm. |
| Schedule       | Set valid time for all above Intelligent Analysis settings. |

4.4 Set Intelligent Analysis
AI “Configuration > Intelligent Analysis” interface to set the parameters of intelligent analysis (Perimeter, Single Virtual, Fence, Double Virtual Fences, Multi Loiter, Converse, Personnel Count), so that the user can receive the alarm of target, as shown in figure 4-6.

Figure 4-6 Intelligent Analysis - Perimeter

4.5 AI Multi object
AI “Configuration > AI Multi object” interface, user can enable face detection, full body detection, vehicle detection, set the other parameters of detection, as shown in figure 4-7.

Figure 4-7 AI MultBJECT

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4.5 AI Multi object
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