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 1-1 Packing list

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eyeball Network Camera</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Quick Setup Guide</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Accessory package</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Location sticker</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

2 Device Structure

2.1 Device Ports

NOTE

Different devices may have different interfaces, multi-head cables, and fill lights; Please refer to the actual product.

Figure 2-1 Hardware interfaces

Table 2-1 Hardware interfaces description

<table>
<thead>
<tr>
<th>ID</th>
<th>Port Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>SD card slot</td>
<td>Install a SD card.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Before installing a SD card, make sure the card not in write protection state.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Before removing the SD card, make sure the card not in write protection state.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Otherwise, the data may be lost, or the SD card may be damaged.</td>
</tr>
<tr>
<td>2</td>
<td>CVBS video out</td>
<td>Output an analog video signal. You can connect the camera to a TV monitor through this interface to view the analog video.</td>
</tr>
<tr>
<td>3</td>
<td>Reset button</td>
<td>Long press the reset button for 5 seconds to restore the original settings.</td>
</tr>
</tbody>
</table>

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.

The manufacturer will update this manual according to product function enhancement or changes and regularly update the information is totally consistent with the actual product. For more information, please refer to website.

Table 2-2 Multi-head cable description

<table>
<thead>
<tr>
<th>ID</th>
<th>Core Description</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Network access</td>
<td>Connect 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 these lights. Please refer to the actual product.</td>
</tr>
<tr>
<td>2</td>
<td>Power supply</td>
<td>Connects to a 12V direct current (DC) power supply.</td>
</tr>
<tr>
<td>3</td>
<td>Reset button</td>
<td>Long press the reset button for 5s to restore the original settings.</td>
</tr>
</tbody>
</table>

NOTE

Different devices may have different dimensions; Please refer to the actual product.

Figure 2-2 Dimensions

Table 2-3 Multi-head cable 2 description

<table>
<thead>
<tr>
<th>ID</th>
<th>Core Description</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Network access</td>
<td>Connect to a standard Ethernet cable or PoE.</td>
</tr>
<tr>
<td>2</td>
<td>Audio output</td>
<td>Connect to an external audio device such as a speaker.</td>
</tr>
<tr>
<td>3</td>
<td>Audio input port</td>
<td>Receive an analog audio signal from devices such as a sound pickup device.</td>
</tr>
<tr>
<td>4</td>
<td>Power supply</td>
<td>Connect to a 12V direct current (DC) power supply.</td>
</tr>
<tr>
<td>5</td>
<td>Reset button</td>
<td>Long press the reset button for 5 seconds to restore the original settings.</td>
</tr>
<tr>
<td>6</td>
<td>Alarm output</td>
<td>Alarm output</td>
</tr>
<tr>
<td>7</td>
<td>Alarm input COM</td>
<td>Alarm input COM</td>
</tr>
<tr>
<td>8</td>
<td>Alarm input</td>
<td>Alarm input</td>
</tr>
<tr>
<td>9</td>
<td>Power supply</td>
<td>Connects to a 12V direct current (DC) power supply.</td>
</tr>
</tbody>
</table>

2.2 Camera Dimensions

NOTE

Different devices may have different dimensions; Please refer to the actual product.

Figure 2-3 Multi-head cable 2

Camera’s fill light has four modes, they are intelligent dual light (the fill light will switch to warm light after an alarm is triggered, and will switch back to the original fill light for 30s after the alarm is released.), warm light, infrared lamp and none (Close the fill light when the data is transmitted). Some models may not have these lights. Please refer to the actual product.

The different cameras can be set different fill light modes, please set fill light modes according to the actual scene.

Day mode: It can be used in the scene with sufficient ambient light for 24 hours, do not turn on the fill light, and the image is in color.

Night mode: it can be used in the scene where there is insufficient ambient light for 24 hours, turn on the fill light (it can be selected according to the four modes of the fill light).

Auto mode: Automatically switch the fill light mode according to the ambient light of environment.

Timing mode: Set the start and end time of the day, this time period is day mode for camera.

Figure 2-4 Dimensions

Eyeball Network Camera
Quick Setup Guide

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.

CAUTION

It alerts you to risks. Neglect of these risks may cause device damage, data loss, device performance deterioration, or unpredictable results.

NOTE

It provides additional information.

WARNING

Strictly observe installation requirements when installing the device. The manufacturer shall not be held responsible for device damage caused by users’ non-conformance to these requirements.

Strictly conform to local electrical safety standards and use power adapters that are marked with the LPS standard when installing and using this device. Otherwise, this device may be damaged.

Use accessories delivered with this device. The voltage must meet input voltage requirements for this device.

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 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. 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 moisly, 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 unpackaging, check whether the fragile sticker is damaged.

• 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 in order to prevent device damage.

• The manufacturer will update this manual according to product function enhancement or changes and regularly update the information is totally consistent with the actual product. For more information, please refer to website.

NOTE

For more information, please refer to website.

NOTE

For more information, please refer to website.
Device Installation

Installation Steps:
1. Open the package, take out the camera, and disassemble camera's decorate cover, as shown in figure 3-1.

2. Stick the installation location sticker on the ceiling or wall, drill three holes following the marks on the sticker. Push the plastic anchors into the holes, as shown in figure 3-2.

3. Correspond the camera to plastic anchors, fix it to the ceiling (or wall) by using self-tapping screws.

4. Open the package, take out the camera, and disassemble camera's decorate cover, as shown in figure 3-1.

5. Finish installation of the camera, as shown in figure 3-3.

Quick Configuration(e.g IE)

4.1 Login
Step 1 Open the Internet Explorer, enter the IP address of IP camera (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 is admin. The default password is admin. Modify the password when user logs into the system for the first time to ensure system security.
- It is advised to restart the device three minutes later after modifying password to ensure modified successfully.
- You can change the system display language on the login page.

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.

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: If user can access the web immediately, please ignore the steps of adding trusted sites.

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.

NOTE
The camera's monitoring angle can be adjusted by three-axis rotation: horizontal rotation, up and down rotation, axial rotation of the lens, adjust the direction of the camera and aim the lens at the target. 1. The hemisphere can rotate up and down range of 0 to 80°; 2. The hemisphere can rotate left and right range of 0 to 360°; 3. The ball lining can rotate 360° left and right.

4.4 Intelligent Analysis
At "Configuration > Intelligent Analysis" interface, user can set the parameters of Perimeter, Single Virtual Fence, Double Virtual Fence, Multi-Loiter, Converse and Personnel Count, as shown in figure 4-7.

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 4-8.

NOTE
- For better capture performance, it is recommended to use 6mm focus length lens or above.

1 Personnel Count: User can query the data of personnel count, through year, month, day. The statistics can be downloaded. The data can be shown by line chart, histogram, list.

2 AI Live video: Click the icon to view the snapshots of human face or license plate (click "Face" or "Plate" to switch).

The bottom page will show the captured images of vehicle and human face.

CAUTION
If user requires higher accuracy of personnel count, we recommend the user to install camera and draw the line following as figure 4-6.