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 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 ports, multi-head cables, and fill lights; 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>SD card slot</td>
<td>Install a SD card.</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 port to view the analog video.</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>

Table 2-1 Hardware ports description

2.2 Camera Dimensions

NOTE

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

Figure 2-4 Dimensions: mm

Table 2-2 Multi-head cable 1 description

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

Table 2-3 Multi-head cable 2 description

<table>
<thead>
<tr>
<th>ID</th>
<th>Core</th>
<th>Description</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Network access interface</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>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Audio output port</td>
<td>Connect to an external audio device such as a speaker.</td>
<td></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>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Power supply (DC 12V)</td>
<td>Connects to a 12V direct current (DC) power supply.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Reset button</td>
<td>Long press the reset button for 5s to restore the original settings.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>G</td>
<td>Alarm output COM</td>
<td>Applied for alarm function</td>
</tr>
<tr>
<td>7</td>
<td>OUT</td>
<td>Alarm output</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>G</td>
<td>Alarm input COM</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>IN</td>
<td>Alarm input</td>
<td></td>
</tr>
</tbody>
</table>

3 Camera Functions

Camera’s fill light has four modes, they are intelligent dual light (current 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 alert is released); warm light, infrared lamp and noise (Close the fill light and the color of image will stay in previous mode).

The different cameras can 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 luminance of the environment.

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

**Installation Steps:**
1. Open the package, take out the camera, and disassemble camera’s base.
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 3-1.
3. Fix the camera mounting base to the ceiling (or wall) by using self-tapping screws.
4. Connected the multi-connector cable. If user want the side gap at the bottom of the camera.
5. After adjusting the angle, tighten the screws on the steel panel.

**Figure 3-1 Drill holes**

**Figure 3-2 Camera installation**

### 4 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.

**Figure 4-1 Login**

- **NOTE**
  - The default user name is admin. The default password is admin. Modify the password when user logs into the system for 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.

After the IP address is set successfully, please use the new IP address to log in the Web interface.

**Figure 4-2 Local Network**

#### 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 dial box, click Add, as shown in figure 4-3.

**Figure 4-3 Adding a trusted site**

**NOTE**

- You can route cables from the top or from side. If you use the top routing method, drill a hole in the installation surface first. If you use the side routing method, please cut the compression ring outlet as shown in figure 3-2, and route the multi-head cable out from the side gap at the bottom of the camera.

Step 6 Rotate the main body, adjust the position so that the camera faces the monitored area, then tighten the lock steel panel with screws and fix the camera, as shown in figure 3-3.

**Figure 3-3 camera installation**

**NOTE**

- The camera’s monitoring angle can be adjusted by three-axes 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.
- Use a Phillips screwdriver to loosen the screw which locks the steel panel;
- The hemisphere can rotate up and down range of 0 to 80°;
- The hemisphere can rotate left and right range of 0 to 360°;
- The ball lining can rotate 360° left and right;
- After adjusting the angle, tighten the screws on the steel panel, then install the decorative cover to the base along the direction as shown in Figure 3-3.

**Step 2 in the Internet Explorer, choose Tool > Internet Options > Security > Customer level, and set Download unsigned ActiveX control and initialize and scriptActiveX controls not marked as safe for scripting underActiveX controls and plug-ins to Enable, as shown in figure 4-4.**

**Figure 4-4 Configuring ActiveX control and plug-in**

#### 4.4 Intelligent Analysis

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

**Figure 4-7 Intelligent Analysis**

#### 4.5 AI Multi object

At “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.

**Figure 4-8 AI Multi-object**

### 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.

**Figure 4-6 Installation of personnel count**

**NOTE**

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

**Figure 4-5 Live Video**