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>

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>Port</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 SD card slot</td>
<td>Install a SD card.</td>
</tr>
<tr>
<td></td>
<td>• Before installing a SD card, make sure the card not in write protection state.</td>
</tr>
<tr>
<td></td>
<td>• Before removing the SD card, make sure the card not in write protection state.</td>
</tr>
<tr>
<td></td>
<td>Otherwise, the data may be lost, or the SD card may be damaged.</td>
</tr>
<tr>
<td>2 CVBS video out</td>
<td>Output an analog video signal.</td>
</tr>
<tr>
<td></td>
<td>You can connect the camera to a TV monitor through this interface to view the analog video.</td>
</tr>
<tr>
<td>3 Reset button</td>
<td>Long press the reset button for 5s 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 software and hardware described in this manual. Update information will be added to new versions of this manual without prior notice.

This product 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.

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 with unstable voltage, ground this device to discharge high energy such as thunder strikes in order 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.
- 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.

NOTE: It alerts you to risks. Neglect of these risks may cause severe injuries.

NOTE: It provides additional information.

NOTE: For more information, please refer to website.

Active Deterrence Eyeball Network Camera Quick Setup Guide

NO:101-400-0249-02
Issue 1.2

ID | Core | Description | Remark |
---|------|-------------|--------|
1  | Network access interface | 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 the actual product. |
2  | Power supply (DC 12V) | Connects to a 12V direct current (DC) power supply. |
3  | Reset button | Long press the reset button for 5s to restore the original settings. |

ID | Core | Description | Remark |
---|------|-------------|--------|
1  | Network access interface | 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 the actual product. |
2  | Audio output | Connect to an external audio device such as a speaker. |
3  | Audio input | Receive an analog audio signal from devices such as a sound pickup device. |
4  | Power supply (DC 12V) | Connect to a 12V direct current (DC) power supply. |
5  | Reset button | Long press the reset button for 5s to restore the original settings. |
6  | G | Alarm output COM | Applied for some models |
7  | OUT | Alarm output |
8  | G | Alarm input COM |
9  | IN | Alarm input |

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

Table 2-3 Multi-head cable description

Figure 2-3 Multi-head cable 2

Table 2-2 Multi-head cable description

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

Figure 2-4 Dimensions Unit: mm

Table 2-3 Multi-head cable 2 description

Table 2-2 Multi-head cable description

Figure 2-4 Dimensions Unit: mm
3 Device Installation

Installation Steps:
Step 1 Open the package, take out the camera, and disassemble the camera’s decorative cover, as shown in Figure 3-1.

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

Figure 3-1 Disassemble camera

Figure 3-2 Camera installation

Cable out from the top

Plastic anchors

Self-tapping screws

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

Figure 3-3 Finish installation

Step 4 Connected the multi-connector cable, the camera is connected to screen to adjust monitoring perspective, then tighten the decorative cover, as shown in Figure 3-3.

NOTE
The camera’s monitoring angle can be adjusted by three-axis rotation: horizontal rotation, up and down rotation, 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 linating can rotate 360° left and right.

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.

NOTE
• The default user name is admin. The default password is admin. Modify the password when you log 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.

Figure 4-1 Login

User Name
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.

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 dialog box, click Add, as shown in figure 4-3.
Step 2 In the Internet Explorer, choose Tool > 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 4-4 Configuring ActiveX control and plug-in

Step 3 Download and install the player control as prompted.

NOTE
If the repair tips displayed when installing the control, please ignore the prompt, and continue the installation, the login page is displayed when the control is loaded.

To browse a real-time video, click Live Video. The Live Video page is displayed, as shown in figure 4-5.

Figure 4-5 Live Video

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

4.4 Set Intelligent Analysis
At “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 4-7.

Figure 4-7 Intelligent Analysis - Perimeter

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 disable.</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>The sensitivity of the retrieval target, choose from 1 to 10. 10 means the highest sensitivity, it will detect the target easily.</td>
</tr>
<tr>
<td>Limit Target Type</td>
<td>Enable, the type can be chosen, person or car/ person/car.</td>
</tr>
<tr>
<td>Output Channel</td>
<td>Select to linkage camera’s relay output channel for “Intelligent Analysis Alarm”.</td>
</tr>
<tr>
<td>Audio Detect Alarm</td>
<td>Enable, user can choose the audio file to play if it happens alarm. The audio file can be set at Configuration &gt; Alarm &gt; Sound Alarm Output Interface.</td>
</tr>
<tr>
<td>Flashing Alarm</td>
<td>Enable, when the device detect target, it will be flashing.</td>
</tr>
<tr>
<td>Alarm Record</td>
<td>Enable, if user set the parameters of email, it will send email to user if it happens Intelligent Analysis alarm.</td>
</tr>
<tr>
<td>SMTP</td>
<td>Enable, if user set the parameters of FTP, it will send snapshot to FTP server if it happens Intelligent Analysis alarm.</td>
</tr>
<tr>
<td>FTP Upload</td>
<td>Enable, if user set the parameters of FTP, it will send snapshot to FTP server if it happens Intelligent Analysis alarm.</td>
</tr>
<tr>
<td>Schedule</td>
<td>Set valid time for all above Intelligent Analysis settings.</td>
</tr>
</tbody>
</table>

4.5 AI Multi object
At “Configuration > AI Multi object” interface, user can enable face detection, full body detection, vehicle detection, set other parameters of detection, as shown in figure 4-8.

Figure 4-8 AI Multi-object

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