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 intense 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 slightly neutral detergent, 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 ask for counter products.
• Do not jam the ventilation opening. Follow the installation instructions provided in this document when installing the device.

Please refer to the actual product.
**3 Device Installation**

**Installation Steps:**
1. **Step 1** Open the package, take out the camera, and disassemble camera’s base.
2. **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 3-1. Fix the camera mounting base to the ceiling (or wall) by using the side routing method, please cut the compression ring outlet, as shown in figure 3-2, and route the multi-head cable out of the side gap at the bottom of the camera.
3. **Step 3** Fix the camera mounting base to the ceiling (or wall) by using the side routing method, please cut the compression ring outlet, as shown in figure 3-2, and route the multi-head cable out of the side gap at the bottom of the camera.
4. **Step 4** Connected the multi-conductor cable. If user want the device be connect to GND, plug ground wire to the GND screw and tighten it, the location of GND as show in figure. 
5. **Step 5** Fix the eyeball to base, as shown in figure 3-2.

![Figure 3-1 Drill holes](image)

![Figure 3-2 Camera installation](image)

**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. 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](image)

**CAUTION**
- 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. Use a Phillips screwdriver to loosen the screw which locks the steel panel:
- 2. The hemisphere can rotate up and down range of 0 to 80°;
- 3. The hemisphere can rotate left and right range of 0 to 360°;
- 4. The ball lining can rotate 360° left and right.
- 5. 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.

**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 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.

![Figure 4-1 Login](image)

**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.

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 to the Web interface.

![Figure 4-2 Local Network](image)

**4.3 Browsing Video**

To ensure the real-time video can be played properly, you must perform the following operation when you log in to the web for the first time:

1. If user can access the web immediately, please ignore the steps of adding trusted sites.
2. a. 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](image)

**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 4-6.

![Figure 4-6 Installation of personnel count](image)

**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 4-3 Adding a trusted site](image)

**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 5. 5 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 Intelligent Analysis settings.</td>
</tr>
</tbody>
</table>

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