Firstly, the device may perform sluggishly or produce unexpected results.

**WARNING**

- **It** alerts you to moderate dangers which, if not avoided, may cause minor or moderate injuries.
- **WARNING**

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

- **NOTE**

- **NOTE**

  • 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 unsteady voltage, ground this device to discharge high energy such as electrical surges in order to prevent the power supply from burning out.
  • When this device is 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.
  • Do not focus strong light (such as lighted bulbs or sunlight) on this device. Otherwise, the service life of the image sensor may be shortened.
  • 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.
  • 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 stained or dirty cloth, 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 sales personnel. The manufacturer shall not be held responsible for any artificial damage of the fragile sticker.

# 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>Panorama Fisheye 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>Flat-head screwdriver</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Swell plastic button ø5.6×29mm</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Black stainless self-tapping screw K4A.Ø×30mm</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Network access port</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protective cover</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waterproof rubber seal</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Terminal block</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

**Figure 2-1 Hardware ports**

**Table 2-1 Hardware ports description**

<table>
<thead>
<tr>
<th>ID</th>
<th>Port Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NIC indicator</td>
<td>When there is a network activity, the indicator flashes.</td>
</tr>
<tr>
<td>2</td>
<td>Power supply</td>
<td>The indicator on when connect to the power supply.</td>
</tr>
</tbody>
</table>

**Table 2-2 Multi-head cable description**

<table>
<thead>
<tr>
<th>ID</th>
<th>Core</th>
<th>Description</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td>Connects to a standard Ethernet cable.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Audio input port</td>
<td>Receives an analog audio signal from devices such as a sound pickup device.</td>
<td>Applied for camera function</td>
</tr>
<tr>
<td>3</td>
<td>Audio output port</td>
<td>Connects to an external audio device such as a speaker.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Power supply (DC 12V)</td>
<td>Connects to a 12V(-15%+10%) direct current (DC) power supply.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Gray core</td>
<td>Alarm output terminal A(normal open)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Purple core</td>
<td>Alarm output terminal B(normal open)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Yellow core</td>
<td>Alarm input positive terminal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Orange core</td>
<td>Alarm input ground terminal</td>
<td></td>
</tr>
</tbody>
</table>

**Table 1-1 Packing list**

**NOTE**

- Different device may have different dimensions, please refer to the actual product.

**NOTE**

- For more information, please refer to website.

**Figure 2-2 Multi-head cable**

**Figure 2-3 Dimensions (Unit:mm)**
3 Device Installation

You can install the fisheye network camera in the ceiling and wall. This section describes how to install the camera in the ceiling.

3.1 Installation Steps

Step 1: Stick the Installation location sticker on the installation surface. Drill four holes based on the marks on the sticker. Drive the screw plastic buttons into the holes, as shown in figure 3-1.

Step 2: Take out the camera and remove the installation bracket. Use screws with a length of 30mm to fix the installation bracket, as shown in figure 3-2.

Step 3: Connect the multi-connector cable.

Step 4: Aim the chassis gap of the camera at the buckles of the installation bracket based on the camera outline on the sticker, as shown in figure 3-4. Push in and rotate the camera until it can't rotate, then fasten the screw at the side of the camera, as shown in figure 3-5.

Step 5: Connect the speaker to the camera audio interface.

Step 6: Connect the microphone to the PC audio input interface.

Step 7: Connect the alarm input device to Alarm IN0 and Alarm COM0 of multi-head cable, alarm output interface can connect to normal open device only.

4 Quick Configuration(e.g I E)

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. Change the password when you log in for the first time to ensure system security. You can change the system display language on the login page.

Figure 4-2 Local Network

4.2 Modify IP address

Step 1: 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 4-3.

After the success of the IP address setting, please use the new IP address to log in to the Web interface.

Figure 4-3 Adding a trusted site

Figure 4-4 Configuring ActiveX control and plug-in

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:

Step 1: In 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 initializes and script ActiveX controls not marked as safe for scripting under ActiveX controls and plug-ins to Enable, as shown in figure 4-4.

4.4 Fish eye configuration

Choose "Configuration > Device > Fish eye", The Fish eye configuration page is displayed, set the parameters for "Mount type" and "Fisheye type", as shown in figure 4-4.