**Precautions**

- **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.

- Strictly observe installation requirements when installing the device. The manufacturer shall not be 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 electrical surges in order to prevent 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.

**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 software and hardware described in this manual. Update information will be added to new versions of this manual without prior notice.
- This manual may contain misprints, technology information that is totally consistent with the actual product. For the final interpretation of company is as a standard.
- The manufacturer shall not be held responsible for any artificial damage of the fragile sticker.

**Fill light settings**

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 alarm is released.), warm light, infrared lamp and none (Close the fill light current fill light will switch to warm light after an alarm is triggered.), warm light, infrared lamp and none (Close the fill light current fill light will switch to warm light after an alarm is triggered.). 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 luminance of the environment.

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

**NOTE**: Different devices may have different fill light modes, please refer to the actual product.

**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.

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**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.

**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.

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### Device Installation

**Installation Steps:**

1. **Step 1** Open the package, take out the camera, and disassemble camera's base.
2. **Step 2** Install the camera mounting base to the ceiling (or wall), drill three holes in the marks on the sticker. Push the plastic anchors into the holes, as shown in Figure 3-1.
3. **Step 3** Fix the camera mounting base to the ceiling (or wall) by using self-tapping screws.
4. **Step 4** Connect the multi-connector cable. If you want to 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.
5. **Step 5** After adjusting the angle, tighten the screws on the steel panel to ensure the installation stability.

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### Quick Configuration (e.g. IE)

#### 4.1 Login

**Step 1** In 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.

**NOTE**

- The default user name is admin. The default password is admin. Modify the password when you log in for the first time to ensure system security.
- It is advised to restart the device three minutes later after modifying password to ensure successful modification.
- 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.

**STEP 1** Enter the IP address in the IP Address box and click **Apply** as shown in Figure 4-2.

**STEP 2** After the IP address is set successfully, please use the new IP address to log in to the Web interface.

#### 4.3 Browsing Video

**NOTE**

The camera's monitoring angle can be adjusted by three-axis rotation: Horizontal rotation, up and down rotation, and azimuth 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°; the hemisphere can rotate left and right range of 0 to 360°; the ball lens can rotate 360° left and right.
3. 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.

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### 4.4 Intelligent Analysis

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

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### 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.