Vandal Dome Network Camera Quick Setup Guide

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

NOTES
- 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.
- 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.

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 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 stubborn dirt, dip the cloth into slight neutral cleanser, 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.

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 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.

NOTE
For more information, please refer to website.

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

Table 2-1 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>Network access port</td>
<td>Connects to standard Ethernet cable or PoE. The green light is on, information is totally consistent with the actual product.</td>
<td>Support PoE supply.</td>
</tr>
<tr>
<td>2</td>
<td>Audio output</td>
<td>Connects to an external audio device such as a speaker.</td>
<td>Applied for camera with audio input function.</td>
</tr>
<tr>
<td>3</td>
<td>Audio input port</td>
<td>Receives an analog audio signal from devices such as a sound pickup device.</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Reset button</td>
<td>Long press the reset button for 5 seconds to restore the original settings.</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Power supply (DC 12V)</td>
<td>Connects to a 12V direct current (DC) power supply.</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>OUT</td>
<td>Alarm output terminal</td>
<td>Applied for alarm function.</td>
</tr>
<tr>
<td>G</td>
<td>Alarm input COM</td>
<td>Alarm input terminal</td>
<td></td>
</tr>
</tbody>
</table>

Table 1-1 Packing list

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
<th>Remark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vandal Dome Network Camera</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Quick Setup Guide</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>T15 Screw driver</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Plug wrench</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Installation location sticker</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Stainless self-tapping screw</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Plastic anchor</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>American-made round head screw</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Video patch cord</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Terminal block 4 PIN</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Network access port protective cover</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Waterproof rubber seal</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

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.

2 Device Structure

2.1 Device Ports

Different devices may have different ports and multi-head cable. Please refer to the actual product.

Figure2-1 Multi-head cable

Table 2-1 Multi-head cable description

3 Device Installation

WARNING
To avoid moisture influence, install the dome cover at least half an hour after the camera is installed and powered on. The vandal dome camera can be installed in the ceiling, wall, wall bracket or ceiling bracket. This section describes how to install the camera in the ceiling.

Installation Steps:
Step 1 Use the T15 screw driver in the accessory package to unscrew the three screws on the dome cover. The camera is opened, as shown in figure 3-1.
4 Quick Configuration(e.g IE)

4.1 Login
Step 1 Open the Internet Explorer, input the IP address of IP camera (the 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.

- The default user name and password both are admin. Modify the password when user logs into the system for the first time to ensure system security.
- It is advised to reset the device three minutes later after modifying password to ensure modified successfully.
- User can change the system display language on the login page.

Figure 4-1 Login

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 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:

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.

Figure 4-3 Adding a trusted site

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.

4.4 Two-way audio
NOTE
Partial camera do not support two-way audio, this section do not apply.

4.4.1 Camera→PC
Connection:
Step 1 Connect microphone to audio input interface of camera.
Step 2 Connect speaker to the PC audio output interface.
Step 3 Log in camera Web, click to turn on two-way audio.

4.4.2 PC→Camera
Step 1 Connect microphone to PC audio input interface.
Step 2 Connect speaker to camera audio output interface.
Step 3 Log in camera Web, click to turn on two-way audio.

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

Figure 4-7 Intelligent Analysis

4.6 Alarm Configuration
NOTE
Partial cameras do not support alarm, this section do not apply.

Alarm input and Alarm output connection:
Step 1 Connect alarm input device to Alarm IN0 and Alarm COM0 of multi-head cable.
Step 2 Connect alarm output device to Alarm OUT1 and Alarm COM1 of multi-head cable, alarm output interface can choose the valid signal.
Step 3 Log in Web, Choose Configuration>Alarm>Alarm Output, set the parameters.
Step 4 Choose Configuration>Alarm>I/O Alarm Linkage, enable the I/O Alarm and set the parameters of Schedule Setting.

4.7 AI Multi object
AI "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