

3 Device Installation

The Bullet Network Camera can be installed on the ceiling or wall. If the camera is installed on a concrete wall, install the plastic anchors before installing the bracket. If the camera is installed on a wooden wall, use self-tapping screws to install the bracket directly.

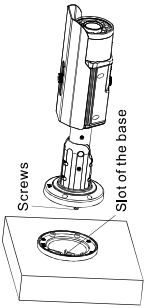


The wall where the bracket is installed must be able to bear at least three times of the total weight of the bracket and the camera.

Installation Steps:

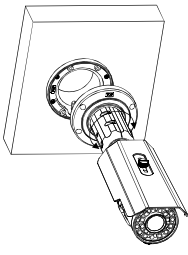
- Step 1 Stick the installation location sticker on the ceiling or wall, drill three holes based on the marks on the sticker. Drive the plastic anchors into the holes.
- Step 2 Take out the base and the stainless self-tapping screws delivered with the camera. Use the stainless self-tapping screws to secure the base onto the ceiling or wall, and mount the camera on the slot of the base using screws at the bottom of the camera, as shown in figure 3-1.

Figure 3-1 Installing camera



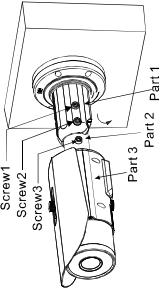
- Step 3 Adjust the position of the camera, expose the cable outlet, and connect the multi-head cable of the camera.
- Step 4 Adjust the position of the camera based on the arrows marked on the figure 3-2. Align the installation holes at the bottom of the camera with the screw holes on the base and fix the camera on the base, as shown in figure 3-2.

Figure 3-2 Aligning the screw holes



- Step 5 Use the hex Wrench to loosen screws 1 to 3, as shown in figure 3-3.
- To rotate the part 1 of the camera for 360°, loosen screw 1.
- To rotate the part 2 of the camera for 90°, loosen screw 2.
- To rotate the part 3 of the camera for 360°, loosen screw 3.

Figure 3-3 Loosening screws



Step 6 Adjust the zoom button and the focusing button until the view is clear. Tighten the all screws to finish installation.

4 Quick Configuration(e.g IE)

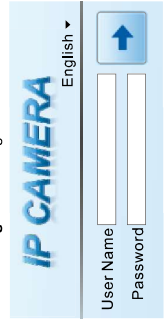
4.1 Login

- Step 1 Open the Internet Explorer, enter 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 is admin. The default password is admin. Change the password when you log into the system for first time to ensure system security.
- You can change the system display language on the login page.

Figure 4-1 Login



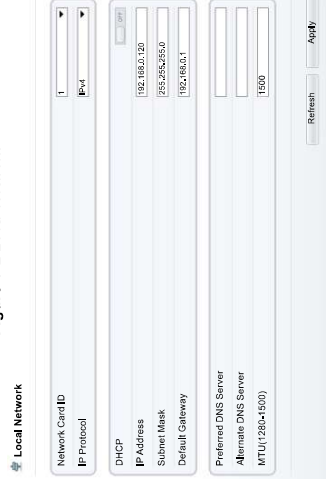
Step 3 Click Login. the main page is displayed.

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.

- 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 4-3 Adding a trusted site

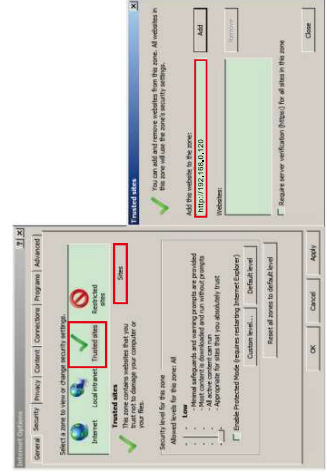
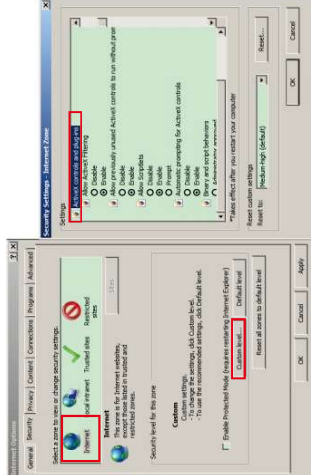


Figure 4-4 Configuring ActiveX control and plug-in



Step 3 Download and install the player control as prompted.



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.

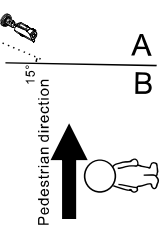
Figure 4-5 Live Video



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 face.

Figure 4-6 Installation of personnel count



4.4 Two-way audio



Partial camera do not support two-way audio, this section does 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 out 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 Lotter, Converse and Personnel Count, as shown in figure 4-7.

Figure 4-7 Intelligent Analysis



4.6 Alarm Configuration

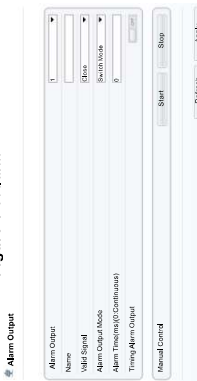


Partial camera do not support alarm, this section does not apply.

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 connect to normal open device only.
- Step 3 Log in Web. Choose **Configuration > Alarm > Alarm output**, set the parameters as shown in figure 4-8.
- Step 4 Choose **Configuration > Alarm > I/O Alarm Linkage**, enable the I/O Alarm and set the parameters of Schedule Setting.

Figure 4-8 Alarm



4.7 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.



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