

Network Bullet Cameras

Quick Guide

Manual Version: V1.00

Notice



The default password is used for your first login. To ensure account security, please change the password after your first login. You are recommended to set a strong password (no less than eight characters).

The information in this manual is subject to change without notice. Every effort has been made in the preparation of this manual to ensure accuracy of the contents, but all statements, information, and recommendations in this manual do not constitute the warranty of any kind, express or implied.




Environmental Protection

This product has been designed to comply with the requirements on environmental protection. For the proper storage, use and disposal of this product, national laws and regulations must be observed.

Safety and Compliance Information

Conventions Used Symbol

The symbols in this chapter are shown in the following table. They are used to remind the reader of the safety precautions during equipment installation and maintenance.

Safety Symbol	Description
	Generic alarm symbol: To suggest a general safety concern.
	ESD protection symbol: To suggest electrostatic-sensitive equipment.
	Electric shock symbol: To suggest a danger of high voltage.

Safety Information



WARNING!

Installation and removal of the unit and its accessories must be carried out by qualified personnel. You must read all of the Safety Instructions supplied with your equipment before installation and operation.

Warnings:

- This installation should be made by a qualified service person and should conform to all the local codes.
- Make sure the power supply voltage is correct before using the camera.
- Do not drop the camera or subject it to physical shock.
- Do not touch sensor modules with fingers. If cleaning is necessary, use a clean cloth with a bit of ethanol and wipe it gently. If the camera will not be used for an extended

period of time, put on the lens cap to protect the sensor from dirt.

- Do not aim the camera lens at the strong light such as sun or incandescent lamp. The strong light can cause fatal damage to the camera.
- The sensor may be burned out by a laser beam, so when any laser equipment is being used, make sure that the surface of the sensor not be exposed to the laser beam.
- While shipping, the camera should be packed in its original packing.



Caution: Fiber optic ports – optical safety.



Never look at the transmit laser while the power is on. Never look directly at the fiber ports and the fiber cable ends when they are powered on.

Caution: *Use of controls or adjustments to the performance or procedures other than those specified herein may result in hazardous laser emissions.*

Regulatory Compliance

FCC Part 15

This equipment has been tested and found to comply with the limits for digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio

frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This product complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

LVD/EMC Directive



This product complies with the European Low Voltage Directive 2006/95/EC and EMC Directive 2004/108/EC.

WEEE Directive–2002/96/EC



The product this manual refers to is covered by the Waste Electrical & Electronic Equipment (WEEE) Directive and must be disposed of in a responsible manner.

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1 Safety Information

Installation and removal of the unit and its accessories must be carried out by qualified personnel. You must read all of the Safety Instructions supplied with your equipment before installation and operation.

Installation

- Keep the device from pressure, vibration, and moisture during transportation, storage, and installation. Keep the device away from any source of vibration during installation.
- Use a power adapter or a PoE device that meets requirements. Otherwise, the device may be damaged.

- Keep the length of the power cable between the power adapter and the device within 1.5 meters, otherwise, the power voltage on the device may be lowered and may cause exception. If the power cable is not long enough, extend the part between the power adapter and the power supply.
- Disconnect power before you move the device. The device is instantly electrified when the power cable is plugged in.
- Do not move the device by lifting the tail cable.
- Do not cut the tail cables. Exposed tail cables can cause short circuit and damage the device.
- Use the power cable connector delivered with the device. Make sure the connector

is in good condition (clip) and secured into place. Do not fully stretch the power cord, otherwise, the connector may loose or be disconnect due to vibration or shake.

- The end of the tail cable must be kept under good protection. Take waterproof measures to protect tail cables, and keep away from water.
- Make sure that the ceiling or wall can bear the weight of your camera.
- During the process of transportation, special attention is required for the protection of the front glass surface to prevent friction, scratch and contamination, etc. In order to keep the front glass clean, do not remove the protective film on the front glass surface during mounting. After

mounting is finished, remove the film before the device is powered on.

Maintenance

- If there is dust on the lens or the front glass surface, remove the dust gently using an oil-free brush or a rubber dust blowing ball.
- If there is grease on the lens, remove the grease using an oil-free cloth gently and then clean the lens in a circular spiral from the center outward using an oil-free cloth or a lens cleaning paper dipped with small amount of cleaning solution. If the problem persists, change to another oil-free cloth or lens cleaning paper and clean the lens gently until it is removed.

- If there is grease or a dust stain on the front glass surface, clean the glass surface gently from the center outward using anti-static gloves or an oil-free cloth. If the problem persists, use anti-static gloves or an oil-free cloth dipped with detergent and clean the glass surface gently until it is removed.
- Do not use organic solvents, such as benzene or ethanol when cleaning the front glass surface.

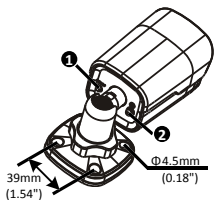
2 Packing List

No.	Item	Quantity
1	Camera	1
2	User document	1
3	Accessory pack	1

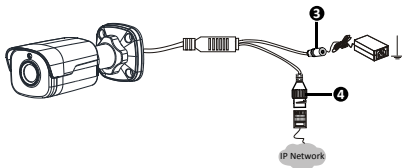
Contact your local dealer if the package is damaged or incomplete.

3 Appearance

Dimensions and Appearance



Tail Cable



No.	Description	No.	Description
❶	RESET button	❷	Earth terminal
❸	Power interface	❹	Network interface



- *To protect the RJ45 plug from water, see [Waterproof Components for an RJ45 Plug](#).*
- *For specifications, see the latest product datasheets.*
- *Press and hold the RESET button for at least 15 seconds to restore factory default settings. Perform this operation within 10 minutes after the device is powered on or the reset will fail otherwise.*

4 Mounting Your Camera

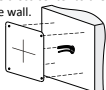
Wall Mount

You can adopt wall mount or ceiling mount and purchase hardware accessories by yourself. The

following part takes wall mount as an example.
Ceiling mount is similar to wall mount and therefore is omitted here.

1 Locate the positions of the holes.

- ❶ Paste installation positioning stickers on the wall and align the cross center to the hole in the wall.

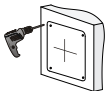


- ❷ Lead the cables across the hole on the wall.

3 Mount the plastic rivets of self-tapping screws.

2 Drill holes on the wall.

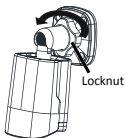
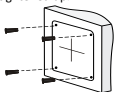
- ❶ Use a $\varnothing 6.5$ mm drill bit.



- ❷ Drill 30 mm-depth guide holes according to the positions marked by stickers.

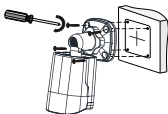
4 Screw the locknut to loosen the universal joint before attaching your camera to the wall.

Knock the plastic rivets into the guide holes and ensure that they are tightened up.

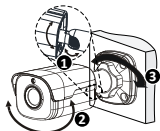


5 Mount your camera onto the wall and connect all cables.

6 Adjust the monitoring direction.



Lead tapping screws through the guide holes in the base and fix them on the wall by using a screwdriver.



- 1 Adjust the opening of the universal joints as required.
- 2 Rotate the spherical hinge of the camera to get the desired monitoring direction.
- 3 Tighten the locknut.

7 Power on your camera and adjust images.



The preceding installation process is for concealed installation, during which holes are punched on the wall and cables are penetrated into the wall. If open installation is adopted, cables are not penetrated into the wall but threaded out from the outlet on one side of the base.

Waterproof Components for an RJ45 Plug

- 1 Attach the seal ring to the waterproof connector.

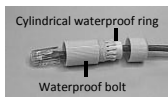


- 2 Mount the waterproof components.



- 3 Insert the cylindrical waterproof ring into bolt.

- 4 Insert the cable into the connector and screw the waterproof bolt in.



5 Screw in the waterproof bolt lid.



6 Finish the waterproof installation.



In step 2, you can crimp the inner wires of the cable with the RJ45 plug first and then cover the waterproof components. You may also cover the waterproof components first.

Starting Your Camera

After verifying that your camera is properly mounted, connect the power cable to it and the

other end of the cable to the mains. Then start your camera.

5 Setting Your Camera

To view and configure your camera via the LAN (Local Area Network), you need to install the EZStation to find your camera and change its IP address.



- *Please contact your dealer to get the EZStation.*
- *Please refer to the user manual of EZStation for detailed information.*

1. Connect your camera and your PC as shown in the figure below to ensure the routing is available.



2. Obtain the IP address of your camera by the following steps:
 - a. Use EZStation as a DHCP server that automatically assigns an IP address to your camera.
 - b. Use EZStation to search your camera automatically.
3. Modify your camera settings if necessary, including its IP address and subnet mask.



- *The default IP address is “192.168.0.13”. The default username is “admin” and the default password is “admin” or “123456”.*
- *DHCP is enabled for your camera by default. If a DHCP server is connected to your camera, an IP address may be assigned automatically to your camera. In this case, please log in using the assigned IP address.*

6 Accessing Your Camera

Accessing Your Camera

Before you begin, check that:

- Your camera is operating properly and connected to the network.
- The PC you are using is installed with Internet Explorer 7.0 or later. IE 8.0 is recommended.

Follow these steps to access your camera through the Web interface:

1. Open the IE on your PC.
2. In the address bar, input the IP address of your camera (default IP is 192.168.0.13) and then press **Enter** to open the login page.
3. Enter the username (default is “admin”) and password (default is “admin” or “123456”) and then click **Login**.



Install the ActiveX at your first login. For the detailed steps, see Installing the ActiveX. When the installation of the ActiveX is completed, open your IE to log in.

Installing the ActiveX

The following takes the IE browser as an example to describe the installation steps.

1. Click **Download**.



Failed to load ActiveX control, click [Download](#) to install latest ActiveX control.

2. Click **Run** to install the downloaded ActiveX.

You may also click **Save** to download the file to your computer first.



- *For your first login with Windows 7, if the system does not prompt you to install ActiveX, follow these steps to turn off UAC: click the **Start** button, and then click Control Panel. In the search box, type **uac**, and then click Change User Account Control Settings. Move the slider to the Never Notify position, and then click OK. After UAC is turned off, log in again.*
- *If the installation failed, open Internet Option in IE before login. Click the Security tab, click Trusted sites, and then click Sites to add the website. If you use Windows 7, you need to save the **setup.exe** to your PC first, and then right-click the file, select Run as administrator, and then install it according to instructions.*

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