Supercircuits
IP Varifocal Bullet Camera
Quick Installation Guide

HNC34-ZA-0

Safety and Compliance 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.

Regulatory Compliance

FCC statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class A 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.

Installation

- This device is a class A product and may cause radio interference. Take appropriate measures if necessary.
- Install the camera in an environment where the temperature and humidity is within specifications. Protect the camera from excessive pressure, vibration, moisture, dust, and intensive electromagnetic radiation.
- Use a power adapter or a power source that meets specifications. Otherwise, the device may be damaged.

- Make sure the length of the power cable is not too long. Otherwise, the voltage at the camera may be too low, causing the camera to function abnormally. If a long power cable is needed, adjust the voltage at the source or use a heavier cable to ensure the voltage at the camera is always within specifications.
- Do not carry the camera by its drop cable. Otherwise, the cable connector in the camera could be damaged.
- When connecting the camera to an external interface, use an existing connection terminal, and ensure that the cable terminal (latch or clamp) is in good condition and properly fastened. Ensure that the cable is not stretched during mounting, with a proper margin reserved to avoid poor port contact or loosening caused by shock or vibration.
- The connectors of the drop cable must not be exposed. The bar cavity, waterproof box, pipe, etc. must be fully sealed to protect the connectors from water and other contaminants.
- When transporting the camera, protect the front glass to prevent scratches. To keep the lens cover
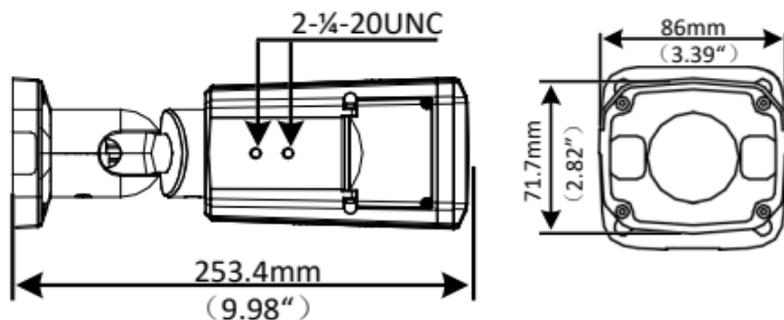
clean, do not remove the protective film until the camera is mounted and powered on.

- Contact your support organization if you have operational problems. Do not disassemble the camera. We will not assume any responsibility for problems caused by unauthorized repair.
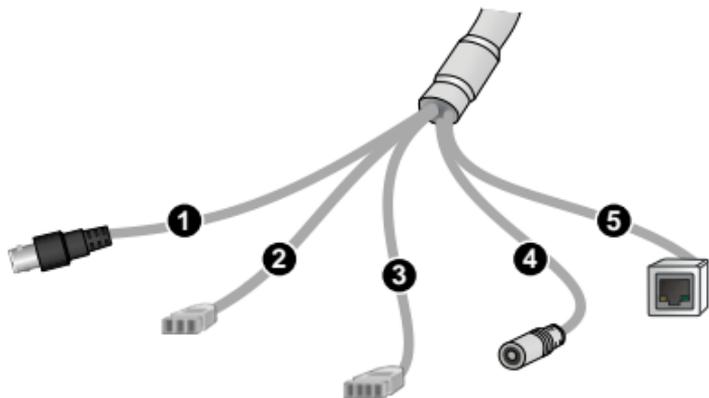
▶ Appearance

Dimensions

The appearance may vary with device model.

Cable Connections

All cables are tagged to indicate their functions. The tail cable available may vary with the product model. The following examples show cables that are for 12 VDC.

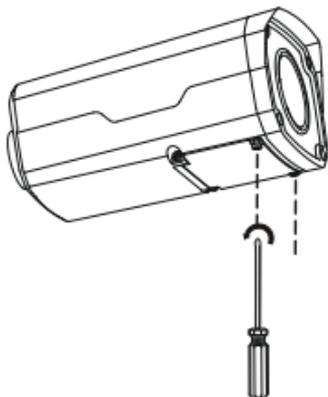| No.	Description	No	Description
1	Video output (BNC interface)	2	Audio input/Audio output/GND
3	Alarm input(IN,GND) / Alarm output(N,P)	4	Power interface
5	Ethernet interface	-	-

▶ Mount Your Camera

(Optional) Insert the Micro SD Card

Insert the microSD card after opening the bottom cover of camera. Do not install or remove a microSD card when the camera is powered on. Otherwise the
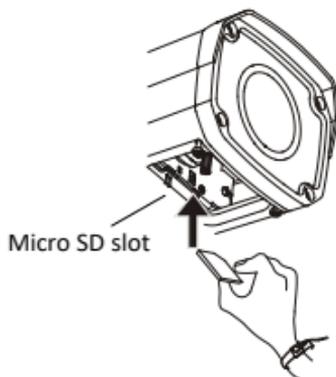
camera or the card could be damaged.

For microSD card specifications, refer to the camera datasheet.

1. Loosen the cross-recessed screws to open the bottom cover.

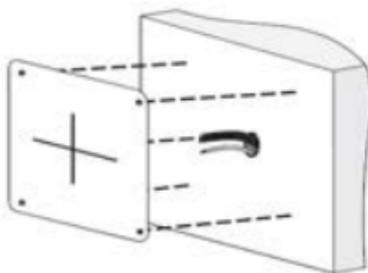2. Install a microSD card, and then reinstall the cover.

Micro SD slot

Mounting the camera

The camera can be mounted on a wall or ceiling. Mounting hardware, sufficient for mounting the
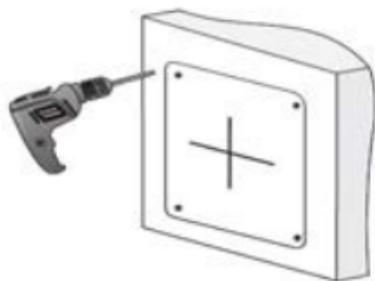
camera on many kinds of surfaces, is included with the camera. However, more appropriate hardware may be may be required. A wall mounting example is included in this guide. Ceiling mounting is similar.

3. Route network, power (if needed) and peripheral extension cable(s) from the network switch, power source and peripheral components to the location where the camera will be installed.

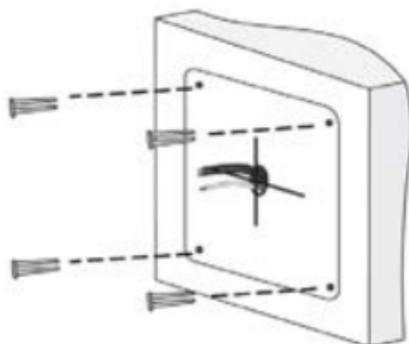4. Use the drill template provided to mark the location of the screw holes.

5. Drill ¼" holes 1-¼" deep into the surface for the mounting screws. If extension cables are routed behind the surface, drill a
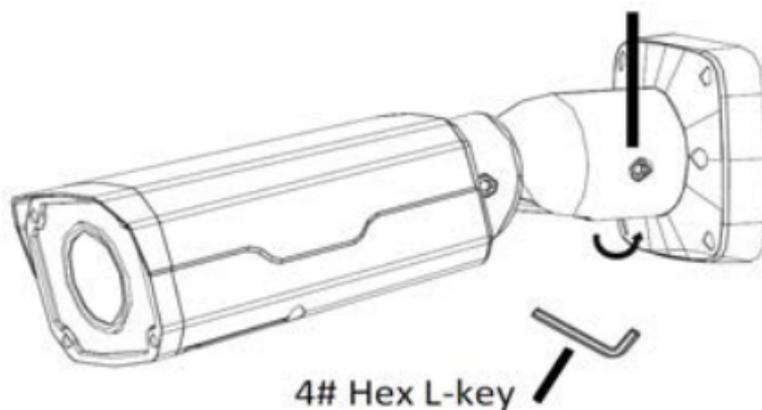
hole for the cables to pass through.

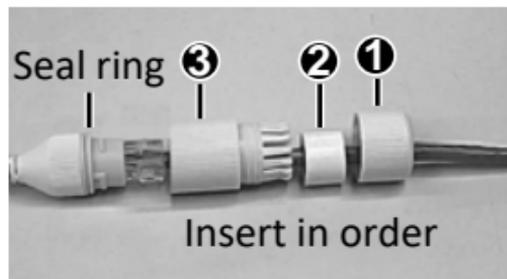6. Tap plastic rivets, if needed, into the mounting screw holes.

7. Loosen the two hex screw on the adjustable mounting bracket using a 4# hex L-key1 or appropriate too.
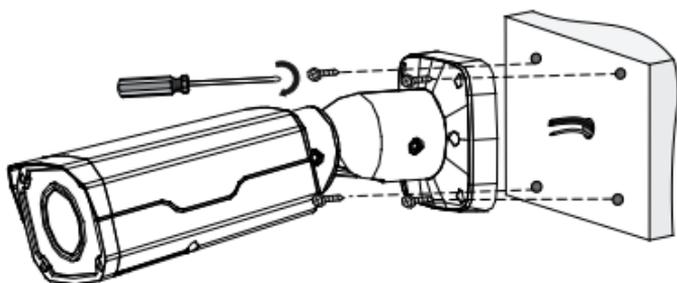

4# Hex L-key

8. Connect the power drop cable connector to the power extension cable (if needed). Seal the connection with waterproof tape to block contaminants from entering the connector.

   A waterproof Ethernet fitting is provided for the network drop cable.
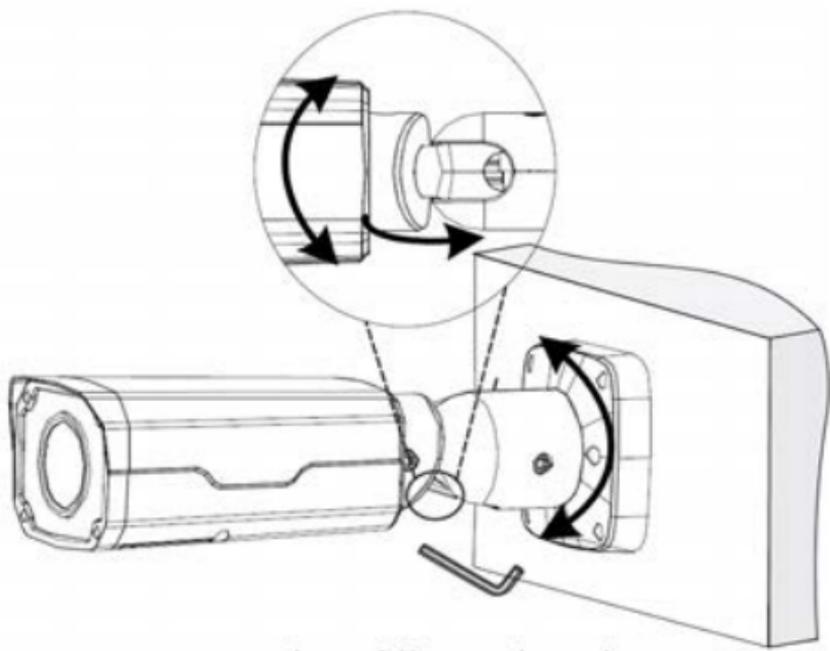

   Attach the seal ring to the Ethernet interface. Mount the waterproof components in order. Then insert the cable into the Ethernet interface and screw the waterproof bolt in.

9. Mount your camera onto the wall.

10. Point the camera at your surveillance target, and then tighten the two screws in the universal mounting bracket.

Access Your Camera on the LAN

Important considerations:

- You can access your IPC from a PC on the same LAN using Windows 7, 8 or 10 and a browser:

  Microsoft® IE 9+ - provides full web features including video playback (requires plugin)

  Chrome 57+, Firefox 58+, Edge 16+, Safari 11+. (These browsers **don't** support video playback.)

- See specifications for other options.

- **NOTE**: The HNC34-ZA-0 camera does not support Live View in H.265. H.264 is supported.

Logging into the camera

1. Determine the IP address of the camera. If unknown, install **Guard Tools** software (available from your vendor) and use Search to discover compatible cameras on the network. The default address of an IPC is 192.168.1.13. DHCP is enabled, so the actual address can be different.

2. If you are using IE:

a. Find the IE program in the **Start** menu or in your computer. If in the **Start** menu, right click on it, select **More**, and then select **Run as administrator**. Or, at the IE program file, right click on it, and then select **Run as administrator**.

b. Open the IE browser.

c. Configure IE so that the IP address of your camera is a **Trusted Site**.

d. Set User Access Control is **Never notify**.

3. If you are not using IE, open the browser you prefer to use. See the list above.

4. Enter the IP address of the camera into the URL address field of the browser, then press **Enter**.

5. Enter your username and password to log into the camera. The default username is *admin* and default password is *123456*.

6. If a message appears to install a plugin, follow the on-screen instructions to download and install it. You must close your browser while the plugin is installing, then reopen your browser and login to the camera again.

7. If the *admin* user password is the default password, *123456*, in the browser go to **Setup > Security > User** to change the password to a strong password (contains at least 9 characters with letters, special characters **and** numbers).

8. Configure and use the camera as needed. Refer to the *Supercircuits IP Cameras User Manual* available from your product vendor.

Maintenance

- If there is dust on the front glass surface, remove the dust gently using an oil-free brush or a rubber dust blowing ball.

- If there is grease or a dust stain on the front glass, clean the glass surface gently from the center outward using anti-static gloves or an oil-free cloth. If it still cannot be removed, 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 solvents, such as benzene or ethanol.