

Network Fixed Dome Cameras

Quick Guide

Waterproof Requirements

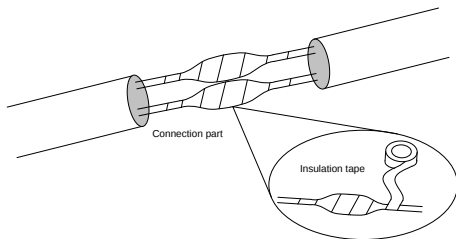
Please waterproof cables in accordance with the following instructions. User shall assume all responsibility for device damage caused by water due to improper waterproof measures.



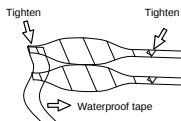
NOTE!

- Before you start, connect all the needed cables and cut off the copper wires for the cables that you don't use.
- Please use self-adhesive waterproof tape (supplied with some products) to protect the cables.
- Use waterproof components to protect the network cable. Waterproof the power cable separately if you don't use it. The video cable does not need waterproof treatment.

1. Use insulation tape (not included in the package) to insulate the connection part of each cable.

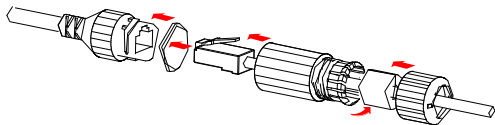


2. Waterproof the cables with self-adhesive waterproof tape.
 - (1) Fully stretch the waterproof tape at both ends.
 - (2) Wrap the connection part and the cable ends tightly with waterproof tape. Make sure the tape is fully stretched during the process.
 - (3) Tighten the tape at both ends to prevent water leakage.



Wrap the unused cables together into a bundle

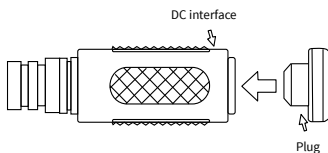
3. Install the supplied waterproof components to the network cable in sequence.



CAUTION!

You need to mount the rubber ring onto the network cable interface first.

4. If your camera has a DC cable and you will not use it, insert the plug into the interface.



5. (Optional) After the waterproof treatment is completed, put the cables into a waterproof junction box (purchased separately).



CAUTION!

- The cable connector must not be exposed and must be kept away from water.
- Restore and fasten the device after dismounting.
- Place the power adapter in a power distribution box.

1. Packing List

Contact your local dealer if the package is damaged or incomplete. The package contents may vary with device model.

No.	Name	Qty	Unit
1	Camera	1	PCS
2*	Waterproof components ⁽¹⁾	1	Set
3*	Screw components ⁽²⁾	1	Set
4*	Mount accessories ⁽³⁾	1	Set
5	Product documents	1	Set

Remarks:

* means optional and supplied with certain models only.

(1) Including one or more waterproof components such as tape and plug.

(2) Including one or more items from screws, hex key, etc.

(3) Including one or more items from drill template, bracket adapter, antistatic gloves, etc.

2. Safety Instructions

Installation and removal of the unit and its accessories must be carried out by qualified personnel. You must read all of the safety instructions before installation and operation.

2.1 Precautions

- Use a power adapter or a PoE device that meets requirements. Otherwise, the device may be damaged.
- Be careful not to blur, scratch, damage the dome cover or leave fingerprints on it because this could decrease image quality. Keep the protective film on the dome cover until installation is complete.
- Make sure the length of the power cable between the power adapter and the camera is not too long, otherwise the voltage of the camera is lowered, causing the camera to work abnormally. If it is required to lengthen the power cable, lengthen the cable between the power adapter and the mains.

- Do not overbend the cables during the installation, otherwise, poor cable contact may cause malfunction.
- When connecting 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 tense during mounting, with a proper margin reserved to avoid poor port contact or loosening caused by shock or shake.
- During transportation, special attention is required to protect the transparent dome cover from friction, scratch and stain, etc. Do not remove the protective film from the cover until mounting is finished. Remove the protective film before powering on the device.
- Make sure the wall or ceiling is strong enough to support the weight of the camera. If dust falls during mounting, take off the dome cover and keep it away from dust. Install the dome cover after the base is installed.
- Contact professionals for maintenance information. Do not attempt to dismantle the device by yourself. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.

2.2 Maintenance

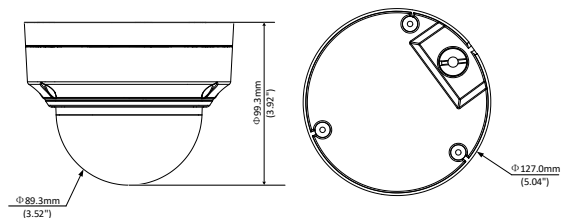
- If there is dust on the front glass surface, remove the dust gently using an oil-free brush or a rubber dust blowing ball.
- If there is grease or a dust stain on the front glass surface, clean the glass surface gently from the center outward using anti-static gloves or an oil-free cloth. If the grease or the stain still remains, use anti-static gloves or an oil-free cloth dipped with detergent and clean the glass surface gently until it is clean.
- Do not use organic solvents (such as benzene and alcohol) to clean the transparent dome cover.

3. Appearance

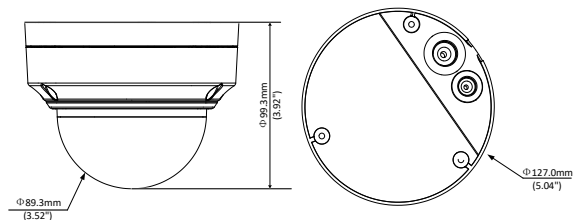
3.1 Dimensions

The following figure shows device dimensions. The appearance may vary with device model.

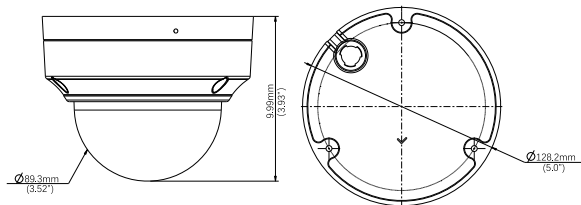
Type A



Type B



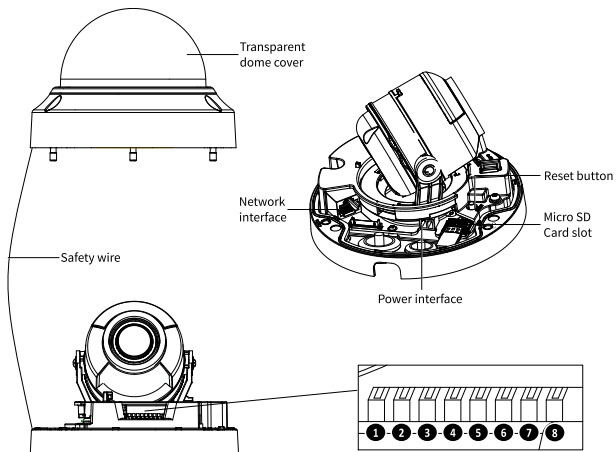
Type C



3.2 Internal Structure and Cable Connection

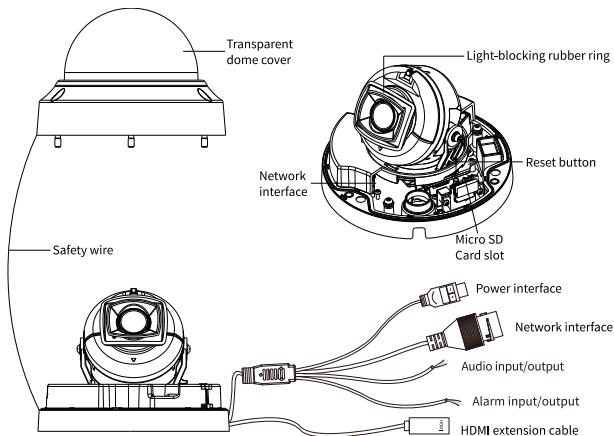
The appearance and tail cable may vary with device model.

Type A and Type B



1. ALARM_OUTPUT_N	2. ALARM_OUTPUT_P
3. GND	4. ALARM_INPUT
5. GND	6. AUDIO_IN
7. GND	8. AUDIO_OUT

Type C



NOTE!

- You need to install a Micro SD card if you want to save video on an on-board SD card.
- The figure above is for illustrative purpose only. The actual Micro card slot position may vary.
- To restore factory defaults, press and hold the Reset button for at least 10 seconds within the 10 minutes when the camera is powered on.



CAUTION!

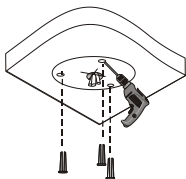
- Before you insert or remove the Micro SD card, be sure to disconnect power and wait till the camera stops operation; otherwise, the camera and the Micro SD card may be damaged.
- Do not disassemble the camera in a humid environment to prevent internal fogging due to excessive humidity.

4. Mount Your Camera

The following part takes ceiling mount as an example. Wall mount is similar to ceiling mount and therefore is omitted here. The figures are for your reference only.

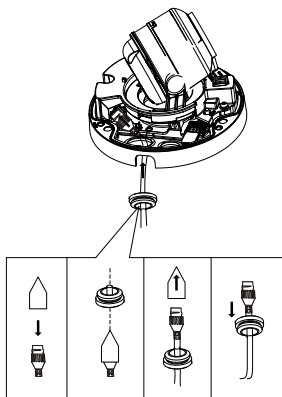
Type A and Type B

1. Locate the holes, drill holes on the ceiling, and then mount the plastic rivets of self-tapping screws. See template for right direction of logo and tail cable.



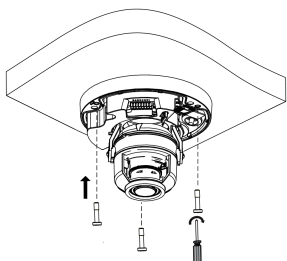
- (1) Paste the drill template and lead the cables through the hole. Use a $\varnothing 6\text{mm}$ -6.5mm drill bit to drill 30 mm-depth guide holes according to the template.
- (2) Knock the plastic rivets into the guide holes and ensure that they are tightened up.

2. Install network cable (for cameras without cable).



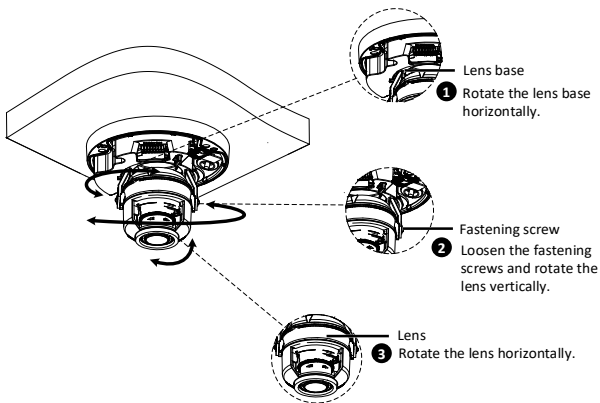
- (1) Push the network cable head into the tapered sleeve.
- (2) Cut a hole on the waterproof rubber stopper, and insert the network cable head through the opening.
- (3) Remove the tapered sleeve.
- (4) Connect the network cable to the network interface, and attach the rubber stopper to the interface for water proofing. Pull the cable downward to make sure that the rubber stopper protrudes to a direction opposite to the network cable head.

3. Mount your camera.



- (1) Connect all cables of the ceiling and your camera.
- (2) Lead self-tapping screws through the guide holes in the camera base, and secure your camera on the ceiling by using a screwdriver

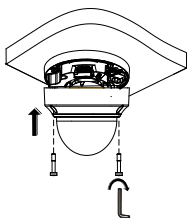
4. Adjust the shooting direction of the lens. Tighten the screws after vertically adjusting the lens.



Note:

The above steps are only applied to the camera with manual zoom lens. For how to adjust the display of the camera with motorized zoom lens, please see the Web of the camera.

5. Mount the transparent dome cover.



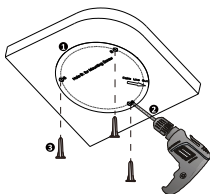
Align the screw holes in the base and tighten the three torx screws on the edge of the transparent dome cover to fix it



NOTE!

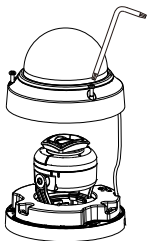
- The preceding installation process is concealed installation, during which holes are drilled in the ceiling and tail cable is led out from the top of your camera. Cables are connected and frapped at the ceiling side to prevent messy cables from affecting camera mounting. If open installation is adopted, tail cable is led out from one side of your camera and can be routed from the side groove of your camera.
- After mounting the dome cover, check that the torx screws on the edge of the dome cover are tightened up to ensure that your camera is properly sealed. For details, see Mount the transparent dome cover.

1. Locate the positions of the holes and drill holes on the ceiling.

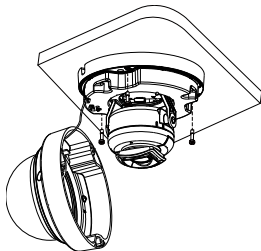


- (1) Paste the drill template.
- (2) Use a $\varnothing$ 6mm or 6.5mm drill bit to drill 30mm-depth guide holes on the wall.
- (3) Knock plastic expansion tubes into the holes.
- (4) Lead out the external cables as indicated by the arrow marked on the template.

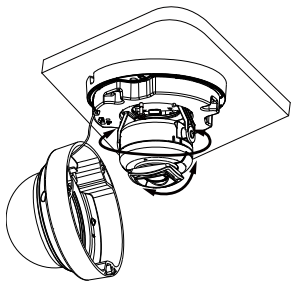
2. Use a hex L-key to loosen the screws to separate the dome cover from the base.



3. Fix the camera to the ceiling using self-tapping screws.



4. Adjust the shooting angle of the lens.



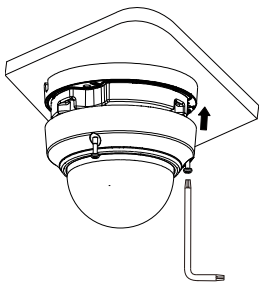
Note:

For cameras with a light-blocking rubber ring, do not touch the rubber ring during installation.

When clean the light-blocking rubber ring or the dome, use a dust blower, or gently wipe with a lint-free cloth dampened in a cleaning solution specifically designed for optical or electronic equipment. Do not use solvents containing alcohol or other corrosive components.

5. Reinstall the transparent dome cover.

Align the screw holes in the base and insert the screws through the dome cover into the base, and then tighten the screws.



5. Startup

After the cable connection is complete, connect the device to the mains supply to start it up.

6. Web Login

Default IP address:

192.168.1.13

**Default
username/password:**

admin/123456

Note:

For security, please set a strong password of at least nine characters including uppercase and lowercase letters, digits, and special characters. You are strongly recommended to regularly change the device password and keep it secure to ensure that only authorized users can log in.

Disclaimer and Safety Warnings

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- This manual is intended for multiple product models, and the photos, illustrations, descriptions, etc, in this manual may be different from the actual appearances, functions, features, etc, of the product.
- This manual is intended for multiple software versions, and the illustrations and descriptions in this manual may be different from the actual GUI and functions of the software.
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Network Security

Please take all necessary measures to enhance network security for your device.

The following are necessary measures for the network security of your device:

- **Change default password and set strong password:** You are strongly recommended to change the default password after your first login and set a strong password of at least nine characters including all three elements: digits, letters and special characters.
- **Keep firmware up to date:** It is recommended that your device is always upgraded to the latest version for the latest functions and better security. Visit Uniview's official website or contact your local dealer for the latest firmware.

The following are recommendations for enhancing network security of your device:

- **Change password regularly:** Change your device password on a regular basis and keep the password safe. Make sure only the authorized user can log in to the device.
- **Enable HTTPS/SSL:** Use SSL certificate to encrypt HTTP communications and ensure data security.
- **Enable IP address filtering:** Allow access only from the specified IP addresses.
- **Minimum port mapping:** Configure your router or firewall to open a minimum set of ports to the WAN and keep only the necessary port mappings. Never set the device as the DMZ host or configure a full cone NAT.
- **Disable the automatic login and save password features:** If multiple users have access to your computer, it is recommended that you disable these features to prevent unauthorized access.
- **Choose username and password discretely:** Avoid using the username and password of your social media, bank, email account, etc, as the username and password of your device, in case your social media, bank and email account information is leaked.
- **Restrict user permissions:** If more than one user needs access to your system, make sure each user is granted only the necessary permissions.
- **Disable UPnP:** When UPnP is enabled, the router will automatically map internal ports, and the system will automatically forward port data, which results in the risks of data leakage. Therefore, it is recommended to disable UPnP if HTTP and TCP port mapping have been enabled manually on your router.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.
- **Multicast:** Multicast is intended to transmit video to multiple devices. If you do not use this function, it is recommended you disable multicast on your network.
- **Check logs:** Check your device logs regularly to detect unauthorized access or abnormal operations.
- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **Isolate video surveillance network:** Isolating your video surveillance network with other service networks helps prevent unauthorized access to devices in your security system from other service networks.

Learn More

You may also obtain security information under Security Response Center at Uniview's official website.

Safety Warnings

The device must be installed, serviced and maintained by a trained professional with necessary safety knowledge and skills. Before you start using the device, please read through this guide carefully and make sure all applicable requirements are met to avoid danger and loss of property.

Storage, Transportation, and Use

- Store or use the device in a proper environment that meets environmental requirements, including and not limited to, temperature, humidity, dust, corrosive gases, electromagnetic radiation, etc.
- Make sure the device is securely installed or placed on a flat surface to prevent falling.
- Unless otherwise specified, do not stack devices.
- Ensure good ventilation in the operating environment. Do not cover the vents on the device. Allow adequate space for ventilation.
- Protect the device from liquid of any kind.
- Make sure the power supply provides a stable voltage that meets the power requirements of the device. Make sure the power supply's output power exceeds the total maximum power of all the connected devices.
- Verify that the device is properly installed before connecting it to power.
- Do not remove the seal from the device body without consulting Uniview first. Do not attempt to service the product yourself. Contact a trained professional for maintenance.
- Always disconnect the device from power before attempting to move the device.
- Take proper waterproof measures in accordance with requirements before using the device outdoors.

Power Requirements

- Install and use the device in strict accordance with your local electrical safety regulations.
- Use a UL certified power supply that meets LPS requirements if an adapter is used.
- Use the recommended cordset (power cord) in accordance with the specified ratings.
- Only use the power adapter supplied with your device.
- Use a mains socket outlet with a protective earthing (grounding) connection.
- Ground your device properly if the device is intended to be grounded.

Battery Use Caution

- When battery is used, avoid:
 - Extremely high or low temperature and air pressure during use, storage and transportation.
 - Battery replacement.
- Use the battery properly. Improper use of the battery such as the following may cause risks of fire, explosion or leakage of flammable liquid or gas.
 - Replace battery with an incorrect type;
 - Dispose of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery;
- Dispose of the used battery according to your local regulations or the battery manufacturer's instructions.

Avvertimento de l'utilisation de la batterie

- Lorsque utiliser la batterie, évitez:
 - Température et pression d'air extrêmement élevées ou basses pendant l'utilisation, le stockage et le transport.
 - Remplacement de la batterie.

- Utilisez la batterie correctement. Mauvaise utilisation de la batterie comme celles mentionnées ici, peut entraîner des risques d'incendie, d'explosion ou de fuite liquide de gaz inflammables.
 - Remplacer la batterie par un type incorrect;
 - Disposer d'une batterie dans le feu ou un four chaud, écraser mécaniquement ou couper la batterie;
- Disposer la batterie utilisée conformément à vos règlements locaux ou aux instructions du fabricant de la batterie.

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.

Visit https://global.uniview.com/Support/Download_Center/Product_Installation/Declaration/for_SDoC.

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.

LVD/EMC Directive



This product complies with the European Low Voltage Directive 2014/35/EU and EMC Directive 2014/30/EU.

WEEE Directive-2012/19/EU



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.

Battery Regulation- (EU) 2023/1542



Battery in the product complies with the European Battery Regulation (EU) 2023/1542. For proper recycling, return the battery to your supplier or to a designated collection point.