

Network Fixed Dome Cameras

Quick Guide

V2.02

Waterproof Requirements

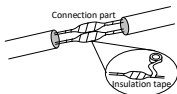
Please waterproof cables in accordance with the following instructions. User shall assume all responsibility for device damage caused by water due to improper waterproof measures.



NOTE!

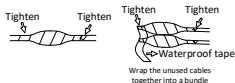
- Before you start, connect all the needed cables and cut off the copper wires for the cables that you don't use.
- Please use self-adhesive waterproof tape (supplied with some products) to protect the cables.
- Use waterproof components to protect the network cable. Waterproof the power cable separately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

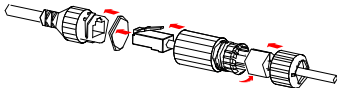


2. Waterproof the cables with self-adhesive waterproof tape.

- (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.



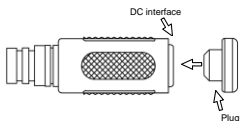
3. Install the supplied waterproof components to the network cable in sequence.



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	User manual	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 accessories such as screws and hex key.

(3) Including one or more items from drilling template, bracket adapter, anti-static 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.

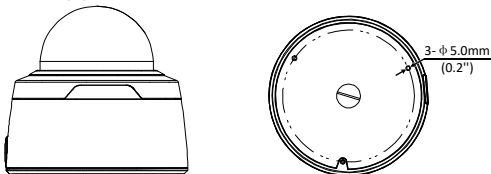
2.2 Maintenance

- If there is 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.
- If there is dust on the front glass surface, remove the dust gently using an oil-free brush or a rubber dust blowing ball.
- Do not use organic solvents (benzene, alcohol, etc) to clean the camera.

3 Appearance

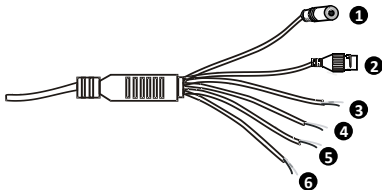
3.1 Dimensions

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



3.2 Cable Connection

The appearance and tail cable may vary with device model.



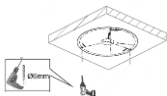
1. Power interface	2. Ethernet interface
3. Audio input/Audio output/GND	4. Alarm output
5. Alarm input/GND	6. Video

4 Mount Your Camera

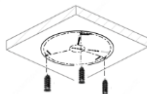
The camera supports ceiling mount and pendant mount. Before installation, make sure the pendant or ceiling is strong enough to hold the device.

4.1 Ceiling Mount

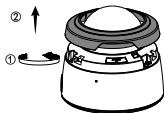
1. Use the drilling template to drill holes on the ceiling (see template for the right direction of the logo and tail cable).



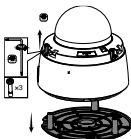
2. Knock the plastic rivets into the holes and secure them.



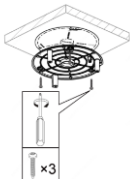
3. Rotate the decorative cover counterclockwise to remove it.



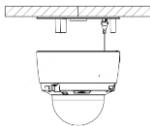
4. Use the L-key to loosen the screws on the camera base, then remove the mounting plate. Remove the safety wire from the mounting plate.



5. Fix the mounting plate onto the ceiling with self-tapping screws.



6. Hang the safety wire on the mounting plate.



7. Choose the following methods to connect cables:

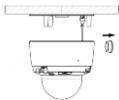
- (1) Lead external cables in from the top of the camera.

Lead external cables in from the cable hole on the ceiling and connect to the tail cable.

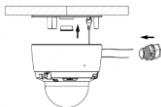


- (2) Lead external cables in from the side of the camera.

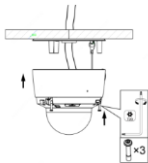
- a. Remove the rubber stopper on the side of the camera.



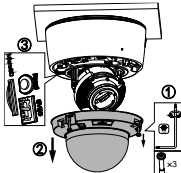
- b. Attach the rubber stopper to the cable hole on the ceiling. Lead external cables through the waterproof connector and in from the cable hole on the side of the camera. Connect the external cables to the tail cable and secure the waterproof connector.



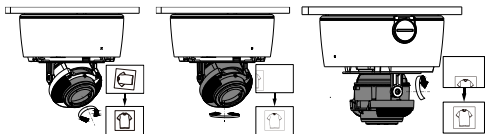
8. Align the screws on the camera base with the screw holes on the mounting plate, then tighten the screws using the L-key to fix the camera onto the plate.



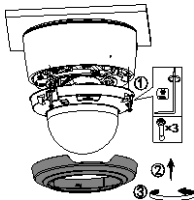
9. Use the L-key to loosen the screws on the dome cover, then remove the cover. Install a Micro SD card if you want to save video on an on-board SD card.



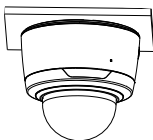
10. Adjust the shooting angle as needed.



11. Use the L-key to fix the dome cover on the camera base, then mount the decorative cover on the dome cover by rotating it clockwise.



12. The device installed successfully is shown in the figure below.



CAUTION!

After mounting the dome cover, check that the three screws on the edge of the dome cover are tightened up to ensure that the camera is properly sealed.

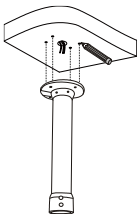
4.2 Pendant Mount



CAUTION!

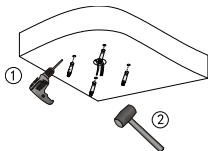
- Pendant mount bracket is NOT intended for outdoor use. If used outdoors in special circumstances, be sure to apply waterproof treatments. Please note that the user shall assume full responsibility for any damage caused by improper waterproofing measures.
- The user-customized pole and adapter plate must meet the waterproof requirements and be kept away from water.
- The tail cable must be waterproofed and must not be exposed to the outside. The area where the tail cable is located must be waterproofed to avoid soaking the tail cable in water. The connection between the camera and the pole must be sealed.
- Please first mount the adapter plate onto the bracket connector, and then secure the device to the adapter plate.

1. Locate holes according to the mounting holes on the bracket. Then, lead the cables out of the ceiling.

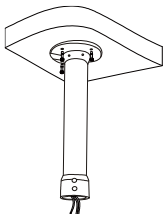


2. Install the expansion bolts.

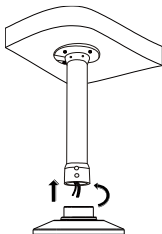
- (1) Select a drill bit that matches the outer diameter of the expansion bolt, and then drill holes with reference to the length of the expansion bolt.
- (2) Insert the expansion bolts into the holes and knock them in until fully tightened.



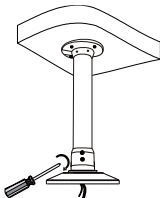
3. Lead the cables out of the bracket, and then secure the bracket onto the ceiling.



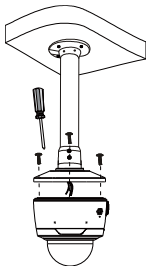
4. Screw the adapter plate into the bracket connector.



5. Tighten the 2 screws on the bracket connector.



6. Connect all cables, and then secure the camera to the adapter plate using the 3 screws.



5 Startup

After you have installed the device, connect one end of the power adapter (purchased separately) to power supply, and then connect the other end to the power interface to start up the device.

6 Access Your Camera

1. Open your browser, input the IP address of your camera in the address bar and then press Enter to open the login page. The default IP is 192.168.1.13.
1. Enter the username and password (**admin/123456** by default) and then click **Login**.



NOTE!

- DHCP is enabled by default. If a DHCP server is used in your network, your camera may be assigned an IP address, and you need to use the assigned IP address to log in.
- You may need to install a plug-in at your first login. Please follow the on-screen instructions to complete the installation and then open the browser again to log in.
- The default password is intended only for your first login. To ensure security, please change the password after your first login. You are strongly recommended to set a strong password of at least nine characters including all three elements: digits, letters and special characters.
- If the password has been changed, please use the new password to log in.

Disclaimer and Safety Warnings

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About This Manual

- 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.
- **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.
- **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.

- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.

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.

Avertissement 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.