

Network Cameras

Quick Guide

V2.00

Waterproof Requirements

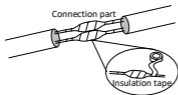
Please waterproof cables in accordance with the following instructions. User shall assume all responsibility for device damage caused by water due to improper waterproof measures.



NOTE!

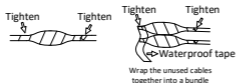
- Before you start, connect all the needed cables and cut off the copper wires for the cables that you don't use.
- Please use self-adhesive waterproof tape (supplied with some products) to protect the cables.
- Use waterproof components to protect the network cable. Waterproof the power cable separately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

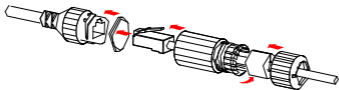


2. Waterproof the cables with self-adhesive waterproof tape.

- (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.



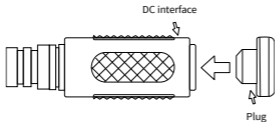
3. Install the supplied waterproof components to the network cable in sequence.



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	Power adapter	1	PCS
3	Waterproof components	1	Set
4	Screw components	1	Set
5	Drill template	1	Set
6	Product documents	1	Set

2 Safety Instructions

Installation and maintenance of the unit and its accessories must be carried out by qualified personnel with basic skills in safe operation. You must read all of the safety instructions before installation and operation.

2.1 Installation

- When installing and using the camera, avoid extreme environments such as high temperature, humidity, vibrations, and electromagnetic radiation. Keep it away from heaters, stoves, and bridge undersides.
- During the process of transportation, special attention is required for the protection of the transparent dome cover to prevent friction, scratch and contamination. In order to keep

the cover clean, do not remove the protective film on the cover during mounting. After mounting is finished, remove the film before the device is powered on.

- If the device is installed on a wall or ceiling, make sure the mounting position is strong enough to withstand the device.
- Do not overbend or drag cables during 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.
- 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.
- Make sure that the power has been disconnected before you maintain or move the device.

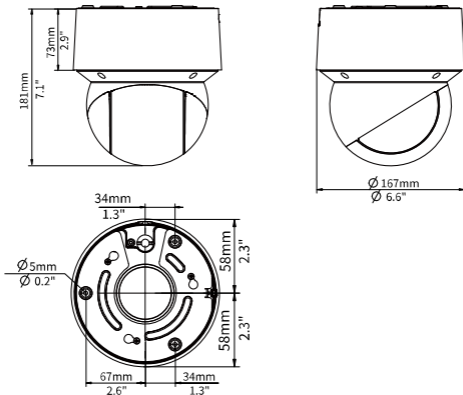
2.2 Maintenance

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

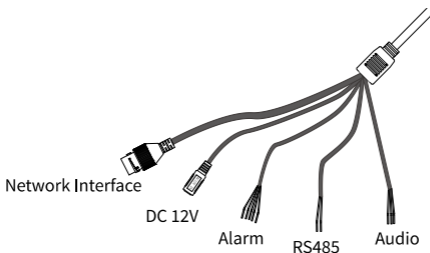
3 Appearance

The appearance and tail cable may vary with device model.

3.1 Dimensions



3.2 Cable Connection



4 Mount Your Camera

4.1 (Optional) Insert Micro SD Card

You need to install a Micro SD card first if you want to use the edge storage function.

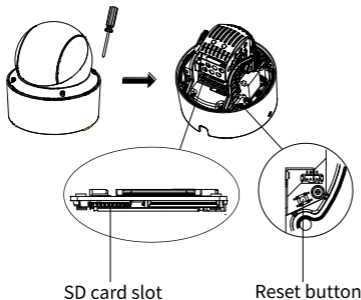


NOTE!

- For recommended SD card specifications, please contact your dealer or technical support.
- 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.

The figure below is for illustrative purpose only. The actual card slot position may vary.

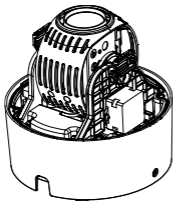
1. Loosen the 4 screws on the dome cover and detach the dome cover.
2. Insert the Micro SD card into the slot.



**NOTE!**

To restore factory default settings, press and hold the reset button for at least 10s.

3. Manually turn the camera module to face upwards, otherwise, the dome cover cannot be properly installed.

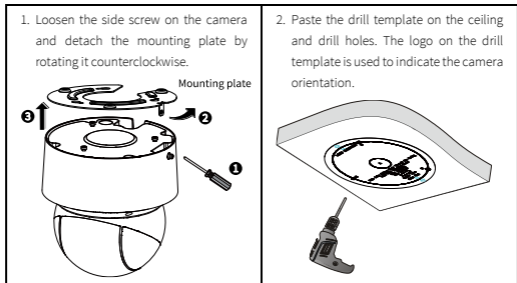


4. Put the dome cover back in place, and tighten the screws.

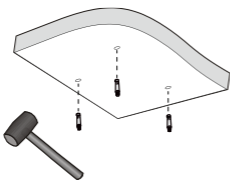
4.2 Install the Camera

The figures below are for illustrative purpose only.

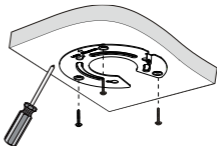
4.2.1 Ceiling Mount



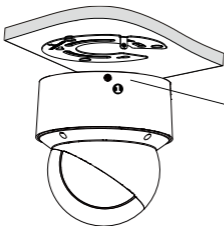
3. Knock the plastic rivets into the holes.



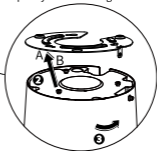
4. Align the logo on the mounting plate with that on the drill template, and then use self-tapping screws to fasten the mounting plate.



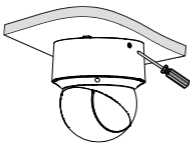
5. When the camera's side screw hole is on the left side of the mounting plate's side screw hole, insert the three screws on the camera top into the holes on the mounting bracket and then rotate counterclockwise (from A to B) till the screws are stopped at the end (B side).



Keep holding the camera until it is securely installed.
A drop may cause damage to the camera.



6. Fasten the side screw.

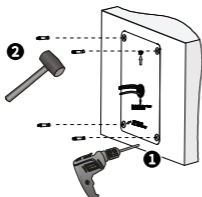


4.2.2 Wall Mount

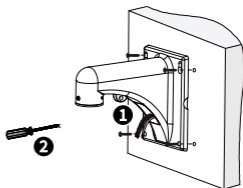
i CAUTION!

- Make sure that the screws at each junction of the bracket and the adapter plate (both purchased separately) are tightened in place.
- The following takes the concealed installation as an example. For open installation, lead the tail cables directly through the cable outlet on the side of the bracket.

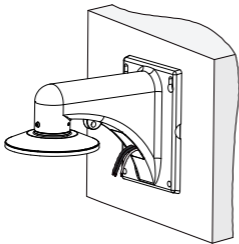
1. Paste the drill template on the desired installation position and drill holes. Then knock the plastic rivets into the holes.



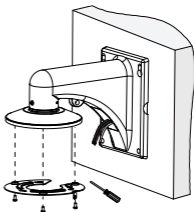
2. Lead the cables from the wall through the cable outlet on the bracket, and then use the self-tapping screws to fix the bracket.



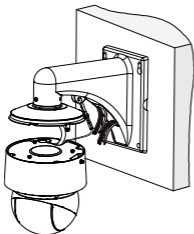
3. Rotate the adapter plate clockwise to fix it onto the mounting bracket.



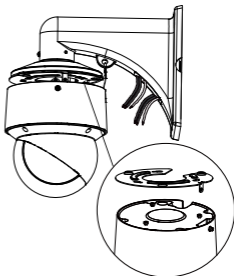
4. Remove the mounting plate on the camera (refer to Step 1 in Ceiling Mount). Attach the mounting plate to the adapter plate and then fix with screws.



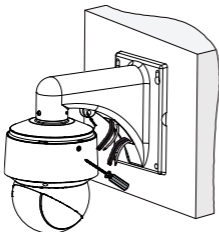
5. Attach the safety wire to the bracket. And lead the tail cables through the notch on the side of the mounting plate into the bracket.



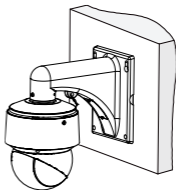
6. Fix the camera. See Step 5 in Ceiling Mount.



7. Fasten the side screw.



8. Connect and organize the cables. Hide the cables inside the outlet, and then close the outlet.



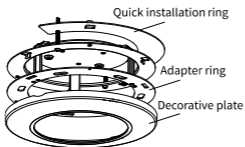
4.2.3 Embedded Mount



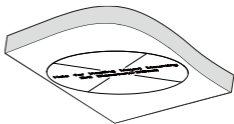
CAUTION!

Make sure that the screws at each junction of the embedded bracket (purchased separately) are tightened in place.

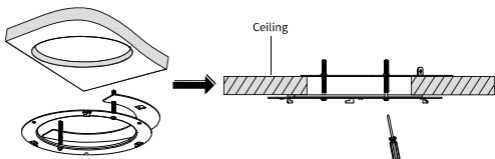
1. Check the embedded bracket and ensure the components are complete. Disassemble the three components.



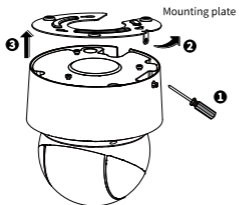
2. Paste the drill template on the ceiling and drill a $\varnothing 210\text{mm}$ recess. The logo on the drill template is used to indicate the camera orientation.



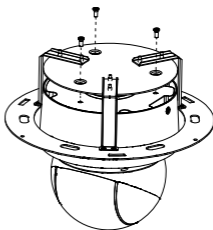
3. Lead the quick installation ring through the recess, and secure it to the ceiling with two screws. Tighten the two screws to secure the quick installation ring onto the ceiling.



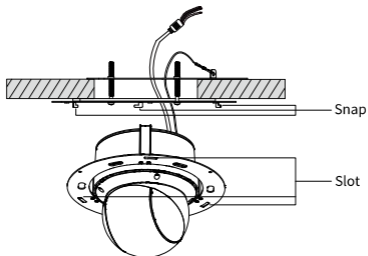
4. Loosen the side screw on the camera and detach the mounting plate (unnecessary for embedded mount) by rotating it counterclockwise.



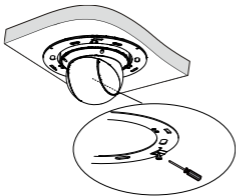
5. Remove the three screws on the top of the camera. Align the screw holes of the adapter ring to those of the camera top, and secure them with screws of the bracket accessories.



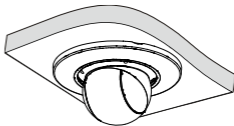
6. Lead the tail cables and safety wire through the recess on the ceiling, attach the safety wire to the quick installation ring, and complete the tail cables connection. Align the three slots on the adapter ring to the corresponding snap on the quick installation ring, and rotate the adapter ring anticlockwise to the stop.



7. Tighten the screw on the surface of the adapter ring to avoid falling off.



8. Fix the decorative plate to the adapter ring via the magnetic suction.



5 Startup

After connecting all tail cables, connect the camera to the mains supply to start up.

6 Web Login

Log in to the Web interface to manage and maintain the device.

1. Open your Web browser, enter the camera's IP address in the address bar, and then press **Enter**. The default IP is **192.168.1.13**.
 2. On the login page, enter the default username and password (**admin/123456**), 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 http://en.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.