


Dome Network Cameras

Quick Guide



V1.03

Waterproof Requirements

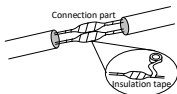
Please waterproof cables in accordance with the following instructions. User shall assume all responsibility for device damage caused by water due to improper waterproof measures.



NOTE!

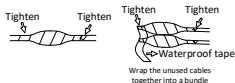
- Before you start, connect all the needed cables and cut off the copper wires for the cables that you don't use.
- Please use self-adhesive waterproof tape (supplied with some products) to protect the cables.
- Use waterproof components to protect the network cable. Waterproof the power cable separately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

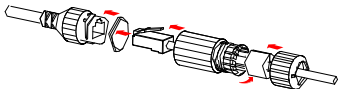


2. Waterproof the cables with self-adhesive waterproof tape.

- (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.



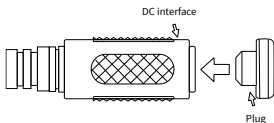
3. Install the supplied waterproof components to the network cable in sequence.



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	Bracket adapter	1	PCS
4*	Waterproof components ⁽¹⁾	1	Set
5*	Screw components ⁽²⁾	1	Set
6*	Mount accessories ⁽³⁾	1	Set
7	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 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 Precautions

- 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.
- 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.
- 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.
- When connecting the alarm input interface, make sure the high level signal of the alarm input does not exceed 5V DC.
- If the device is installed on a wall or ceiling, make sure the device is securely installed; use the safety rope during installation to prevent the device from falling.
- 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.
- Do not overbend or drag cables during installation; otherwise, poor cable contact may cause malfunction.
- Make sure that the power has been disconnected before you maintain or move the device.

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.
- Do not use organic solvents (benzene, alcohol, etc) to clean the transparent dome cover.

2.3 Laser Safety (if applicable)

- Installation and maintenance must be carried out by trained and qualified personnel.
- The camera must be mounted at least 6 meters above the ground.
- To avoid the risk of fire, the laser illuminator must be clear of obstacles within a minimum range of 30 centimeters.
- Make sure laser is disconnected from power before examination.
- Never stare into beam or view through any optical instruments. Avoid exposure to direct or scattered radiation. Be especially cautious during installation and maintenance.
- Never view lasers without protective eyewear. Some lasers emit infrared or ultraviolet, which are invisible to human eyes.
- Keep flammable or explosive objects away from laser beam. Some lasers may ignite combustible materials and thus cause fire.
- Never direct laser at a person. Do not direct laser at glass. The reflection may still cause harm to human eyes.
- Make sure the lens cleaning cloth is clean itself.

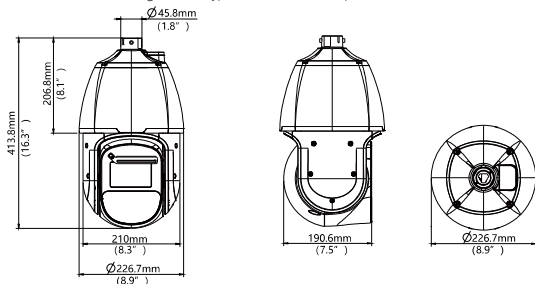


- Never look at the transmit laser while the power is on. Never look directly at the fiber ports and the fiber cable ends when they are powered on.
- Use of controls or adjustments to the performance or procedures other than those specified herein may result in hazardous laser emissions.

3 Appearance

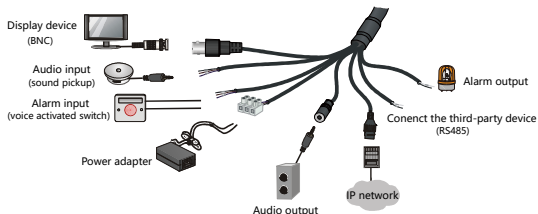
3.1 Dimensions

The figure below is for illustrative purpose only. The appearance and dimensions may vary with device model. The following takes the typical model as an example.



3.2 Cable Connection

The figure below is for illustrative purpose only. The actual tail cables may vary with device model. The following takes the complete tail cables model as an example.



4 Mount Your Camera

4.1 Check Before Installation

- Mounting position strength

Make sure the mounting position is strong enough to withstand the device. Reinforce the mounting position if needed.

- Lightning protection requirement

Select proper lightning protection devices for the power supply, audio and video cables, and RS485 cables.

- Accessory

Accessories like wall mount bracket are needed. Please purchase the accessories according to our company's recommendation list.

4.2 (Optional) Install Micro SD Card

You need to install a Micro SD card first if you want to store videos on the camera.



NOTE!

Please consult your dealer or technical support for the recommended SD card specifications.

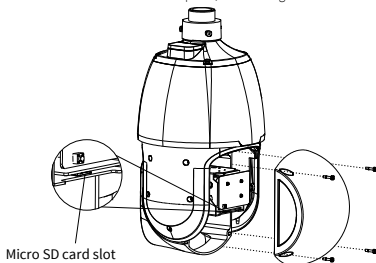
The figure below is for illustrative purpose only. The actual card slot position may vary.



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.

1. Remove the 4 screws on the back cover.
2. Insert the Micro SD card into the slot.
3. Check that the sealing ring is in position.
4. Put back cover back in place, and then tighten the screws.



4.3 Mount the Camera

4.3.1 Wall Mount

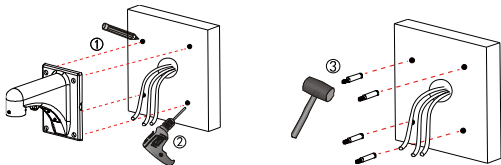


CAUTION!

- Make sure that the screws at each junction of the bracket and the bracket adapter are tightened in place.
- Make sure to perform waterproof treatment on the connection part between the camera and bracket, wall veneer gaps, and cable outlets on the wall.
- The following takes the concealed installation as an example. For exposed installation, lead the cables directly through the cable outlet on the mounting bracket.

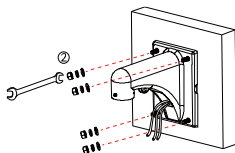
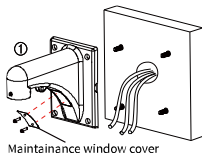
1. Fix the bracket.

- (1) Locate holes according to the mounting holes on the bracket.
- (2) 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.
- (3) Knock the expansion bolts into the holes until they are fully tightened.



2. Secure the bracket.

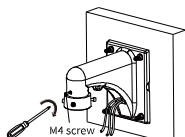
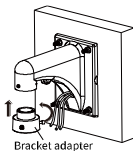
- (1) Remove the maintenance window cover on the bracket and lead cables out of the window.
- (2) Align the bracket with the holes, and then insert the bracket through the expansion bolts. Install the flat washers, spring washers, and nuts in sequence, and then use a wrench to tighten the 4 nuts to secure the bracket.



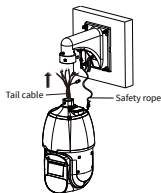
Note:

Ensure that the flash washers and spring washers are installed in place; otherwise, the screw components may not be fully tightened.

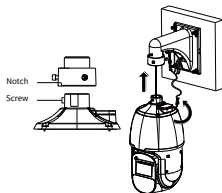
3. Screw the bracket adapter into the bracket's connector, and then tighten the M4 screws until fully tightened.



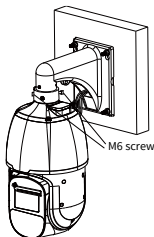
4. Hang the other end of the safety rope on the bracket, and then lead the tail cables through the bracket adapter and out of the maintenance opening.



5. Align the 2 screws on the top of the camera with the notches on the bracket adapter, push the camera up, and then rotate the camera clockwise until fully tightened.

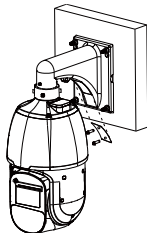


6. Tighten the two M6 screws on the bracket adapter.



7. Connect all cables.

- (1) Connect the tail cables with the cables in the wall, and then hide them into the bracket.
- (2) Reinstall the maintenance opening cover back in place and fasten the screws.



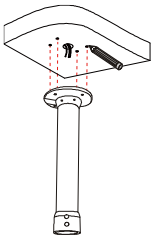
4.3.2 Pendant Mount



CAUTION!

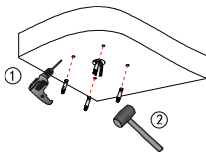
- Pendant mount bracket is NOT intended for outdoor use. If used outdoors in special circumstances, be sure to apply waterproof treatments. Please note that the user shall assume full responsibility for any damage caused by improper waterproofing measures.
- The user-customized pole must meet the waterproof 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.

1. Locate holes according to the mounting holes on the bracket.

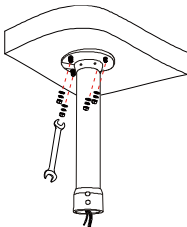


2. Install the expansion bolts.

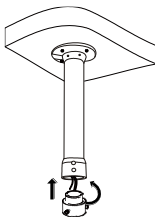
- (1) Select a drill bit that matches the outer diameter of the expansion bolt, and then drill holes with reference to the length of the expansion bolt.
- (2) Insert and knock in expansion bolts until fully tightened.



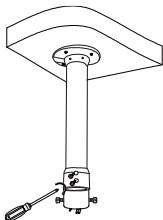
3. Lead the cables through the bracket. Align the bracket with the holes, and then insert the bracket through the expansion bolts. Install the flat washers, spring washers, and nuts in sequence, and then use a wrench to tighten the 4 nuts to secure the bracket.



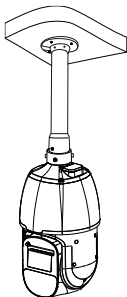
4. Screw the bracket adapter into the bracket's connector.



5. Tighten the screws on the bracket connector.



6. Connect all cables and follow the Step 5 & 6 in [Chapter 4.3.1 Wall Mount](#) to secure the camera with the bracket adapter.



5 Startup

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

6 Web Login

NOTE:

Default IP Address
192.168.1.13

Username/Password
admin/123456

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. Change your device password on a regular basis and keep the password safe to ensure that only the authorized user can log in to the device.

7 FAQ

1 Failed to install the plug-in?

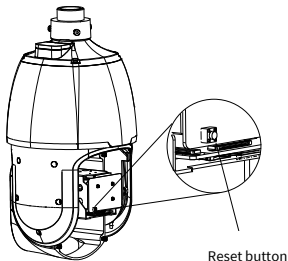
If you are using Win 7, you need to save the setup.exe to your computer first, and then right-click the file and select **Run as administrator**.

2 No live video after first login?

Please turn off the firewall on your computer and then log in again.

3 How to restore factory default settings?

Remove the back cover to find the reset button. Press and hold it for about 10 seconds to restore factory defaults. Please make sure the operation is performed within 10 minutes after the device is connected to power.



Disclaimer and Safety Warnings

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UNV Technology EUROPE B.V. Treubstraat 1, 2288 EG, Rijswijk, Netherlands.

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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.