

Network Fixed Dome Cameras Quick Guide

V2.02

Waterproof Requirements

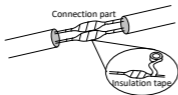
Please waterproof cables in accordance with the following instructions. User shall assume all responsibility for device damage caused by water due to improper waterproof measures.



NOTE!

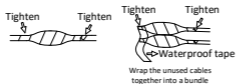
- Before you start, connect all the needed cables and cut off the copper wires for the cables that you don't use.
- Please use self-adhesive waterproof tape (supplied with some products) to protect the cables.
- Use waterproof components to protect the network cable. Waterproof the power cable separately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

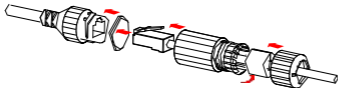


2. Waterproof the cables with self-adhesive waterproof tape.

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

i 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 items from screws, hex key, etc.

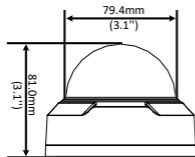
(3) Including one or more items from drill template, bracket adapter, antistatic gloves, etc.

2 Appearance

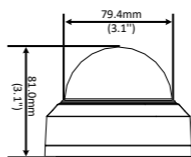
2.1 Dimensions

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

Type A

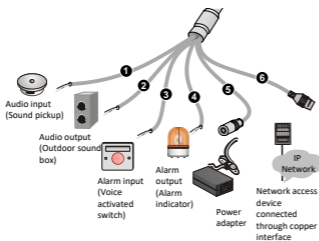


Type B



2.2 Cable Connection

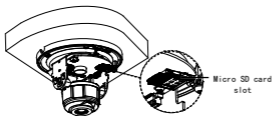
The appearance and tail cable may vary with device model.



3 Mount Your Camera

3.1 (Optional) Insert the Micro SD Card

Insert a SD card into the slot to use the local storage function. For detailed specifications of recommended SD cards, contact your dealer or technical support. Hot plugging is not recommended.

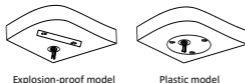


3.2 Ceiling Mount

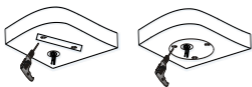
You can adopt ceiling mount or wall mount and purchase hardware accessories by yourself. The following part takes ceiling mount as an example. Wall mount is similar to ceiling mount and therefore is omitted here.

The following takes the infrared camera as an example. For the actual appearance, see the product.

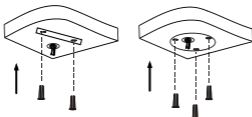
1. Locate the positions of the holes. Paste installation positioning stickers on the ceiling and lead the cables through the hole on the wall.



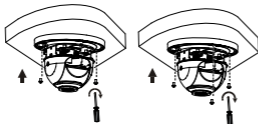
2. Drill holes on the wall. Use a $\varnothing 6-6.5\text{mm}$ drill bit to drill 30 mm-depth guide holes according to the positions marked by stickers.



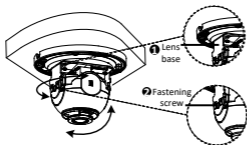
3. Mount the plastic rivets of self-tapping screws. Knock the plastic rivets into the guide holes and ensure that they are tightened up.



4. Mount the camera. Connect all cables of the ceiling and the camera, lead self-tapping screws through the guide holes in the camera base, and fix the camera on the ceiling by using a screwdriver.

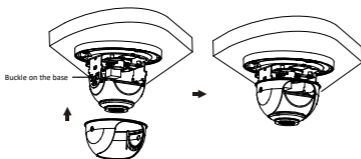


5. Adjust the monitoring direction of the lens (tighten screws after vertically adjusting the lens). The lens can horizontally turn by rotating the lens base, as shown by ❶ in the following figure. After loosening the fastening screws, you can vertically turn the lens, as shown by ❷ in the following figure.



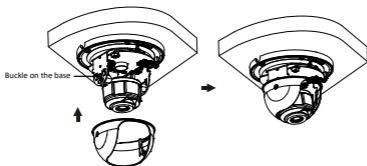
6. Attach the lining and lock it into the buckle on the base. The following shows the installation instructions of cameras 2-Axis and 3-Axis. The linings are different. Please see the actual products for the differences.

2-Axis:



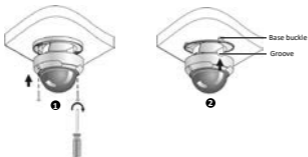
3-Axis:

For 3-Axis, after adjusting the lens horizontally and vertically (see step 5), you can also rotate the lens clockwise or counterclockwise to get the desired monitoring direction. Please stop rotating the camera when the lens is blocked, otherwise the camera lens might be damaged.



7. Mount the transparent dome housing.

- (1) Align the screw holes in the base, and tighten the two cross-recessed pan-head screws on the edge of the transparent dome housing to fix it, as shown by ❶ in the following figure.
- (2) Align the grooves (non-tail cable grooves) of the transparent dome housing to the buckle of the base, and push up the dome housing to fix it, as shown by ❷ in the following figure.



**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 the 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 the camera and can be routed from the side groove of the camera.
- After mounting the dome housing, check that the two cross-recessed pan-head screws on the edge of the dome housing are tightened up to ensure that the camera is properly sealed. For details, see Mount the transparent dome housing.

4 Device Management

4.1 Option 1: Manage on App

1. Connect your mobile phone to the **2.4GHz** Wi-Fi network.
2. Download and install app.



3. Connect the device to power.
4. Follow the on-screen instructions to add and manage the device.

**NOTE!**

If the IR indicator flashes quickly (3/s), it indicates the connection failed. Press and hold the reset button for about 10s to reset the camera and try again.

Indicator

Camera Status	IR Indicator
Starting up	Steady on
Waiting to connect to network	Flashes slowly (1/s)
Connected to Wi-Fi	Turns off
Failed to connect to Wi-Fi	Flashes quickly (3/s)
Reset	Flashes slowly (1/s)

**NOTE!**

- The actual operations may be slightly different. Please follow the instructions in the app.
- Do not connect the device with a network cable when managing on the app.

4.2 Option 2: Manage on Web

Before you begin, check that:

Your camera is operating properly and connected to the network.

Follow these steps to access your camera through the Web:

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**.
2. 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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EU Authorised Representative

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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 B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

LVD/EMC/RE Directive



This product complies with the European Low Voltage Directive 2014/35/EU, EMC Directive 2014/30/EU and RE Directive 2014/53/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.

IC Statement

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements CNR-102 établies pour un environnement non contrôlé.

Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.