

# Network Fixed Dome Cameras

## Quick Guide

V2.00

# Waterproof Requirements

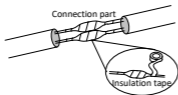
Please waterproof cables in accordance with the following instructions. User shall assume all responsibility for device damage caused by water due to improper waterproof measures.



## NOTE!

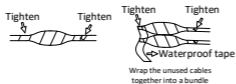
- Before you start, connect all the needed cables and cut off the copper wires for the cables that you don't use.
- Please use self-adhesive waterproof tape (supplied with some products) to protect the cables.
- Use waterproof components to protect the network cable. Waterproof the power cable separately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

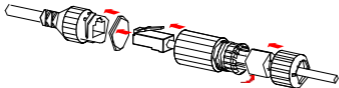


2. Waterproof the cables with self-adhesive waterproof tape.

- (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.



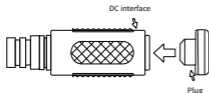
3. Install the supplied waterproof components to the network cable in sequence.



## 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 and version.

No.	Name	Qty	Unit
1	Camera	1	PCS
2*	Waterproof components <sup>(1)</sup>	1	Set
3	Screw components <sup>(2)</sup>	1	Set
4*	Mount accessories <sup>(3)</sup>	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.

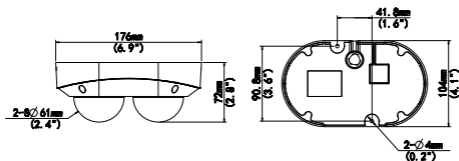
(2) Including one or more items from screws, hex key, etc.

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

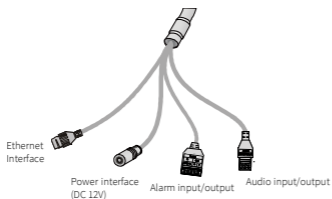
## 2 Appearance

The appearance and tail cables may vary with device model.

### 2.1 Dimensions



## 2.2 Cable Connection



## 3 Mount Your Camera



### NOTE!

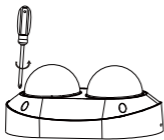
- The installation steps may vary with device model and version.
- Before installation, make sure the wall is strong enough to hold the camera.
- Please consult your dealer or technical support for the recommended accessories specifications.

### 3.1 Tools

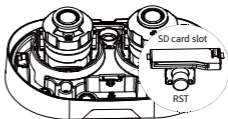
- ESD wrist strap or gloves
- (Optional) Marker
- Electric drill
- Phillips screwdriver

### 3.2 Insert Micro SD Card

1. Unscrew the four screws to remove the housing from the camera base.



2. Insert the Micro SD card into the card slot as shown below.



### CAUTION!

- Please format the Micro SD card on the camera's Web interface before use.
- 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.
- Press and hold the RST button for more than 10 seconds to restore factory defaults.

**NOTE!**

Please install the housing after the ceiling mount or pendant mounting is completed.

### 3.3 Ceiling Mount

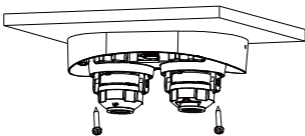
1. Locate the positions of the holes and drill holes on the ceiling.

- (1) Paste the drill template on the ceiling and lead the cables through the hole.
- (2) Use a  $\varnothing 6\text{mm}$  drill bit to drill 30mm-depth guide holes according to the template.



2. Fix the camera base.

- (1) Connect the tail cables with the external cables, and take waterproof measures.
- (2) Knock the two ST3.5 screws into the guide holes in the camera base.

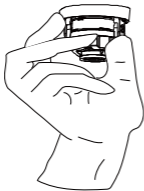
**CAUTION!**

Do not pull hard when leading the tail cables; otherwise, it will cause loose or disconnected tail cables.

3. Adjust the shooting angle.

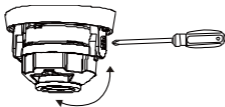
- Adjust the horizontal shooting angle:

**Method 1:** Rotate the tilt-shift lens adapter ring    **Method 2:** Rotate the LED cover



- Adjust the vertical shooting angle:

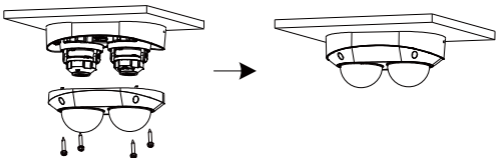
Loosen the screws on the adapter ring, adjust the shooting angle, and then tighten the screws.



**CAUTION!**

Stop rotating the lens when it reaches the limit; otherwise, the internal structure will be damaged.

4. Fix the housing to the camera base with four M3 screws.



### 3.4 (Optional) Pendant Mount

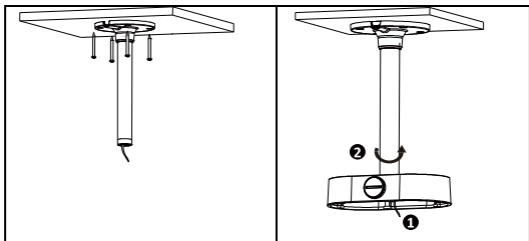
The following is an example of leading the cables through the pendant mounting bracket.

1. Install the pendant mounting bracket onto the ceiling.

- (1) Locate the positions of the holes on the pendant mounting bracket base.
- (2) Use a  $\varnothing$  4mm drill bit to drill guide holes on the ceiling.
- (3) Fix the bracket base with four ST4.2 screws.

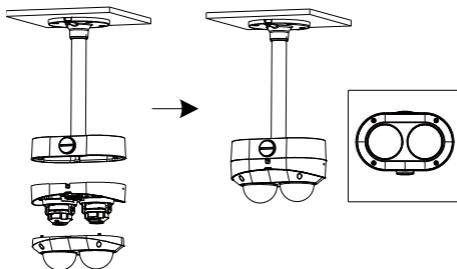
2. Mount the junction box onto the pendant mounting bracket.

- (1) Lead the cables through the junction box.
- (2) Mount the junction box onto the bracket and then tighten it.



3. Mount the camera onto the junction box.

- (1) Connect the tail cables with the external cables, and take waterproof measures.
- (2) Fix the camera base to the junction box with two ST3.5 screws.
- (3) Adjust the lens angle. See the step 3 of 3.3 Ceiling Mount for details.
- (4) Fix the housing to the camera base with four M3 screws.



**CAUTION!**

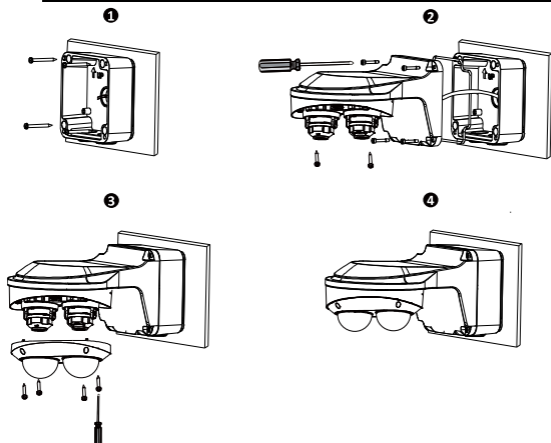
Do not pull hard when leading the tail cables; otherwise, it will cause loose or disconnected tail cables.

## 3.5 (Optional) Wall Mount Bracket Installation



### NOTE!

- Please consult our technical support for the specific camera models or bracket models.
- The installation steps may vary with product model and version.
- Make sure the mounting position is strong enough to hold the camera.



## 4 Access Your Camera

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 (**192.168.1.13** by default) of your camera in the address bar and then press Enter to open the login page.
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**

UNV Technology EUROPE B.V. Room 2945,3rd Floor,Randstad 21-05 G,1314 BD,Almere,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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- Users are fully responsible for the damages and losses that arise due to improper operation.
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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/](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.