# Network Fixed Dome Cameras

## Quick Guide

V1.02

# 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 | Screw components[1] | 1 | Set |
| 3 | Mount accessories[2] | 1 | Set |
| 4 | Product documents | 1 | Set |

**Remarks:**

(1) Including one or more items from screws.

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

# 2    Safety Instructions

The device must be installed, serviced, and maintained by a trained professional with necessary safety knowledge and skills. Be sure to read this guide carefully before use and strictly comply with the safety regulations during operation.

## 2.1   Precautions

- Avoid extreme environments such as high temperature, humidity, vibration, and electromagnetic radiation during installation and use. Keep away from heating, stoves, underside of bridges, etc.
- Keep the device from friction, squeezing, scratch, and contamination during installation and transportation. Do not remove the protective film from the cover until the installation is finished. Remove the protective film before powering on the device.
- If the device is installed on a wall or ceiling, make sure the mounting position is strong enough to withstand the device.
- Do not excessively bend or drag cables during installation to avoid poor port contact and affect the device use.
- When connecting to an external interface, 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.
- 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.
- Disconnect the power before maintaining, servicing, and moving the device. Please be careful when removing the device, as the device will be powered on as soon as the power cable is connected to the power.

## 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 until it is clean.
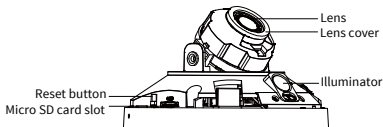- Do not use organic solvents (benzene, alcohol, etc.) to clean the camera.

# 3  Appearance

The appearance may vary with device model. The following takes a typical device as an example.
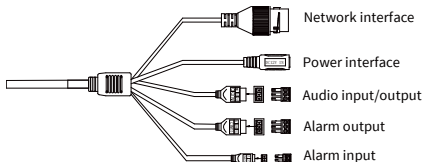
## 3.1  Appearance and Dimensions
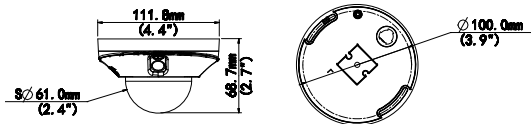


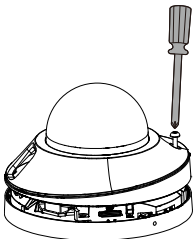## 3.2  Structure



## 3.3  Tail Cables

# 4　Device Installation
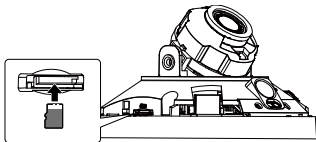
## 4.1　(Optional) Install Micro SD Card

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

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

1. Loose the screw, and remove the protective cover from the base.



2. Install the Micro SD card.



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📝 **NOTE!**

Within 10 minutes of powering on the device, press and hold the reset button for more than 10 seconds to reset the device.

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ⓘ **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 or the Micro SD card may be damaged.

- Do not disassemble the device in a high humidity environment, otherwise the moisture inside the device will cause lens fogging.

## 4.2 Ceiling Mount
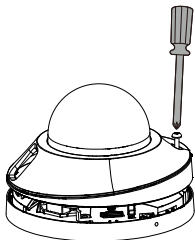
The following takes the ceiling mount as an example.

1. Determine the hole location and drill holes.
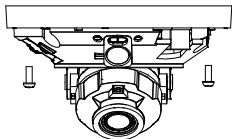
    (1)    Paste the drill template on the ceiling.

    (2)    Use a Ø6-6.5mm drill bit to drill 30 mm-depth holes.

    (3)    Knock the plastic rivets into the holes.

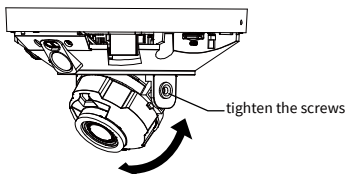    (4)    Drill a hole on the position A, and lead out the external cables.
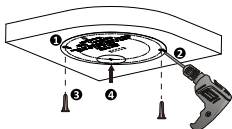


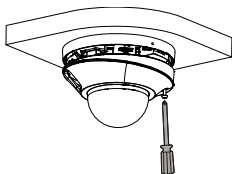2. Loose the screw, and remove the protective cover from the base.



3. Fix the device base on the ceiling using two M3 screws.

4. Adjust the direction of the lens.



tighten the screws

5. Reinstall the protective cover to the base and secure it with the screw.
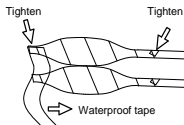
## 4.3  Bracket Installation

> **NOTE!**
> - The bracket and junction box are sold separately and should be prepared by the user.
> - For outdoor use:
>   - ➢ Waterproof the cables with self-adhesive waterproof tape.



Wrap the used cables separately                    Wrap the unused cables together into a bundle

  - ➢ Use the supplied waterproof kit to waterproof the network cable. The rubber ring should be placed on the cable connector first.
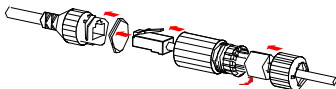


  - ➢ To route the cables through the side opening of the junction box, use a flathead screwdriver to remove the waterproof plug and replace it with the waterproof connector.
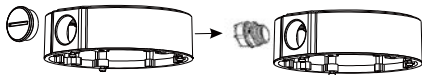


### 4.3.1  Inclined Ceiling Mount Bracket Installation

1. After securing the inclined ceiling mount bracket to the ceiling, refer to 4.2 Ceiling Mount to fix the device base to the bracket. Adjust the lens direction, and then secure the protective housing to the base.
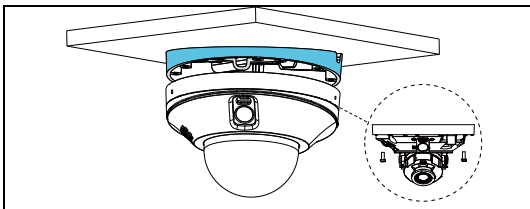
2. The installation is completed.
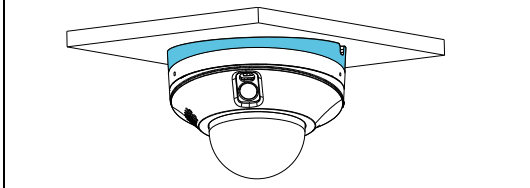


### 4.3.2 Junction Box Installation

| 1. Drill holes, and then use plastic expansion tubes and self-tapping screws to secure the junction box. | 2. Refer to 4.2 Ceiling Mount, steps 2 to 4, to fix the device to the junction box. |
|---|---|
|  |  |
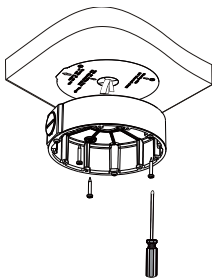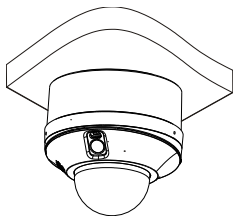
### 4.3.3 Wall Mount Bracket & Junction Box & Pole Mount Bracket Installation

1. Fix the wall mount bracket to the junction box and the pole mount bracket in sequence.



Sealing ring
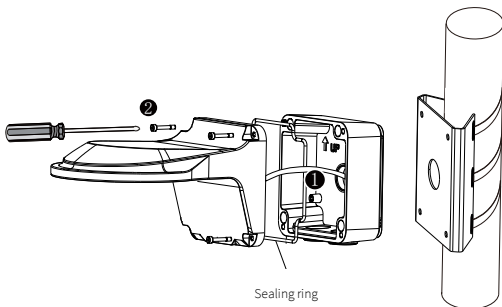
2. Refer to 4.2 Ceiling Mount to fix the device to the wall mount bracket.
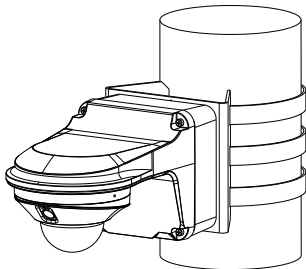
### 4.3.4 Pendant Mount Bracket & Junction Box Installation

1. Mark the hole positions on the ceiling and drill holes.
2. Fix the base of the pendant mount bracket to the ceiling.
3. Lead the external cables into the junction box, and secure the junction box to the pole by tightening the threaded connection.
4. Refer to section 4.2 Ceiling Mount, steps 2 to 4, to fix the device to the junction box.
5. Tighten the screws to fix the protective housing to the base.
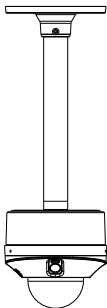


## 5    Startup

After the device is installed correctly, connect one end of the power adapter (purchased separately) to the power interface and the other end to the mains supply to start up the device.

## 6    Web Login

Default IP address
**192.168.1.13**

Default username/password
**admin**/**123456**

**Note:**

For security, please set a strong password of at least nine characters including uppercase and lowercase letters, digits, and special characters. You are strongly recommended to regularly change the device password and keep it secure to ensure that only authorized users can log in.

## Disclaimer and Safety Warnings

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UNV Technology EUROPE B.V. Treubstraa 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.
- ● Personal safety warnings:
  - ➢ Chemical Burn Hazard. This product contains a coin cell battery. Do NOT ingest the battery. It can cause severe internal burns and lead to death.
  - ➢ Keep new and used batteries away from children.
  - ➢ If the battery compartment does not close securely, stop using the product and keep it away from children.
  - ➢ If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- ● Avertissements de sécurité personnelle:
  - ➢ Risque de brûlure chimique. Ce produit contient une batterie de cellules. N'ingérer pas la batterie. Si la batterie de cellule est avalée, elle peut causer de graves brûlures internes en seulement 2 heures et peut entraîner la mort.
  - ➢ Gardez les batteries nouvelles ou utilisées à l'écart des enfants.
  - ➢ Si le compartiment de la batterie ne se ferme pas en toute sécurité, cessez d'utiliser le produit et gardez-le à l'écart des enfants.
  - ➢ Si vous pensez que des piles ont pu être avalées ou placées à l'intérieur d'une partie du corps, consultez immédiatement un médecin.

## 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

CE    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.