

# Network Mini Dome Cameras

## Quick Guide

V1.00

# Waterproof Requirements

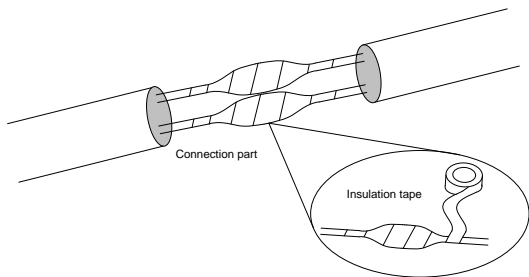
Please waterproof cables in accordance with the following instructions. User shall assume all responsibility for device damage caused by water due to improper waterproof measures.



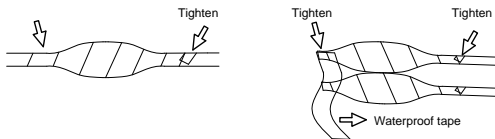
## NOTE!

- 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.

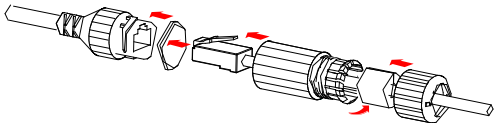


2. Waterproof the cables with self-adhesive waterproof tape.
  - (1) Fully stretch the waterproof tape at both ends.
  - (2) Wrap the connection part and the cable ends tightly with waterproof tape. Make sure the tape is fully stretched during the process.
  - (3) Tighten the tape at both ends to prevent water leakage.



Wrap the unused cables together into a bundle

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



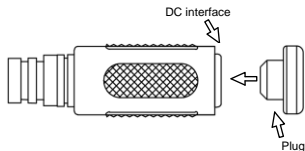
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**i CAUTION!**

You need to mount the rubber ring onto the network cable interface first.

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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).

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**i CAUTION!**

- The cable connector must not be exposed and must be kept away from water.
  - Restore and fasten the device after dismantling.
  - Place the power adapter in a power distribution box.
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# 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   | User manual    | 1   | Set  |
| 3   | Accessory pack | 1   | Set  |

# 2 Safety Instructions

Installation and removal of the unit and its accessories must be carried out by qualified personnel. You must read all of the safety instructions before installation and operation.

## 2.1 Precautions

- Use a power adapter or a PoE device that meets requirements. Otherwise, the device may be damaged.
- Be careful not to blur, scratch, damage the dome cover or leave fingerprints on it because this could decrease image quality. Keep the protective film on the dome cover until installation is complete.
- 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.
- Do not overbend the cables during the 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. Ensure that the cable is not tense during mounting, with a proper margin reserved to avoid poor port contact or loosening caused by shock or shake.
- During transportation, special attention is required to protect the transparent dome cover from friction, scratch and stain, etc. Do not remove the protective film

from the cover until mounting is finished. Remove the protective film before powering on the device.

- Make sure the wall or ceiling is strong enough to support the weight of the camera. If dust falls during mounting, take off the dome cover and keep it away from dust. Install the dome cover after the base is installed.
- Contact professionals for maintenance information. Do not attempt to dismantle the device by yourself. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.

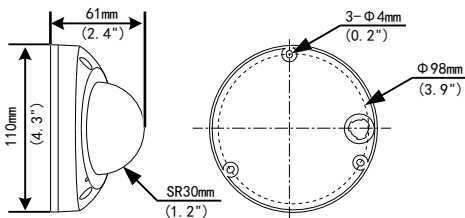
## 2.2 Maintenance

- 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 (such as benzene and alcohol) to clean the transparent dome cover.

## 3 Appearance

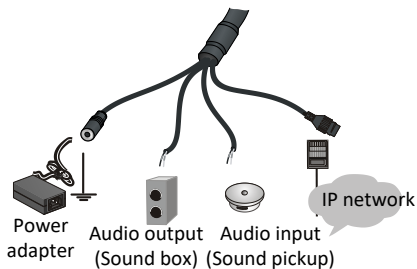
### 3.1 Dimensions

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



## 3.2 Cable Connection

The appearance and tail cable may vary with device model.



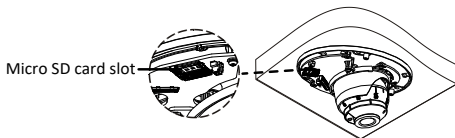
### NOTE!

For specifications, see the latest product datasheets.

## 4 Mount Your Camera

### 4.1 (Optional) Insert the Micro SD card

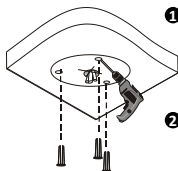
For cameras that support Micro SD, you need to insert the Micro SD card after opening the bottom cover of camera. Do not hot plug the Micro SD card after it is inserted. Otherwise the camera or the SD card might be damaged.



### 4.2 Ceiling Mount

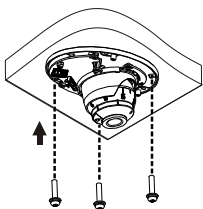
You can adopt ceiling mount or wall mount and purchase hardware accessories by yourself. The following part takes ceiling mount as an example. Wall mount is similar to ceiling mount and therefore is omitted here.

1. Locate the holes, drill holes on the ceiling, and then mount the plastic rivets of self-tapping screws.



- 1 Paste the drill template and lead the cables through the hole. Use a  $\varnothing 6\text{mm}$ - $6.5\text{mm}$  drill bit to drill 30 mm-depth guide holes according to the template.
- 2 Knock the plastic rivets into the guide holes and ensure that they are tightened up.

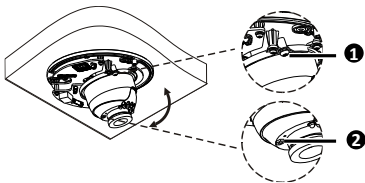
2. Connect all cables and fix the camera on the ceiling using self-tapping screws.



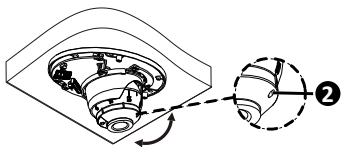
3. Adjust the monitoring direction.

- (1) Loosen the fixing screw, as shown by 1 in the following figure. Please tighten the screw after rotating the lens vertically.
- (2) Insert the torx wrench tip in the slot of the screw, then rotate the torx wrench to adjust the lens, as shown by 2 in the following figure. Please be careful when adjusting the lens ( $0$ - $360^\circ$ ). Rotate lens by force will cause damage.

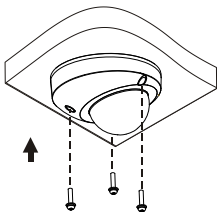
Type A



Type B



4. Replace the dome cover and tighten the screws.

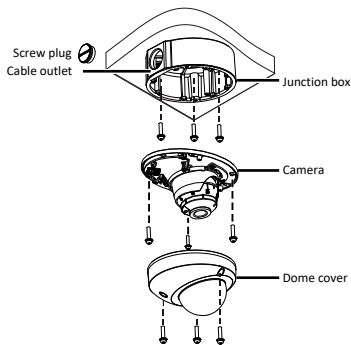


#### **NOTE!**

- Keep the transparent dome from dust during installation.
- Ensure that the screws on the dome cover are tightened up.

The preceding installation process is for concealed installation, during which holes are punched on the ceiling and cables are penetrated into the ceiling. If open installation is adopted, cables are not penetrated into the wall but threaded out from the outlet on one side of the junction box which needs to be purchased separately. In the step 4, please install the junction box first and then connect all the cables and fix the camera on the ceiling.





#### NOTE!

Please collect and wire the cables into the junction box after connecting and waterproofing them.

## 5 Startup

After you have installed the device, connect one end of the power adapter (purchased separately) to power supply, and then connect the other end to the power interface to start up the device.

## 6 Access Your Camera

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. In 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.
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# 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.
- **SNMP:** Disable SNMP if you do not use it. If you do use it, then SNMPv3 is recommended.
- **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.
- **Physical protection:** Keep the device in a locked room or cabinet to prevent unauthorized physical access.
- **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.

### 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 Directive-2013/56/EC



Battery in the product complies with the European Battery Directive 2013/56/EC. For proper recycling, return the battery to your supplier or to a designated collection point.