Network Dome Cameras
Quick Guide

V2.03

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Preface

The content of this section is designed to ensure that users use the product correctly to prevent dangers or property loss caused by improper operation. Before using this product, be sure to read this manual carefully. Please keep this manual properly for future reference.

About This Manual

- We recommend that you use this manual under the guidance of a professional.
- This manual is designed for use with multiple product models, and it is not possible to list the appearance and functions of each product individually. Please refer to the actual product for use.
- 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.
- Despite our best efforts, technical or typographical errors may exist in this manual. Uniview cannot be held responsible for any such errors and reserves the right to change the manual without prior notice.
- Users are fully responsible for the damages and losses that arise due to improper operation.
- Uniview reserves the right to change any information in this manual without any prior notice or indication. Due to such reasons as product version upgrade or regulatory requirement of relevant regions, this manual will be periodically updated.
- This manual will be updated in real time according to the laws and regulations of the relevant regions. For specific details, please refer to the product's paper copy, QR code, or official website. In case of any discrepancy between the paper copy and the electronic version, the electronic version shall prevail.

About This Product

If the product you have chosen is a video product, please strictly adhere to the applicable laws and regulations. You can visit our official website to inquire about the relevant content.

Instructions for Use

- This document serves as a guide for use only. All statements, information, and suggestions contained in this document do not constitute any express or implied warranty.
- We assume no responsibility for any special, incidental, consequential, or indirect damages resulting from the use of this manual or the use of our products, including but not limited to losses due to loss of business profits, data or document loss, and product malfunction or information leakage caused by cyber-attack, hacker attack, and virus infections.
- Due to uncertain factors such as the physical environment, there may be discrepancies between the actual values of some data and the reference values provided in the manual. In case of any questions or disputes, the company's final interpretation shall prevail.

Formatting Conventions

The UI formatting conventions used in this document are as follows:

Format	Meaning
Bold	Bold means UI elements (button names, menu names, window names, etc.), e.g., Click **Save**.
>	Indicate a sequence of actions, e.g., click Device Management > Add Device, which means first click Device Management, and then click Add Device.

Symbol Conventions

This document uses various distinctive symbols to highlight areas that require special attention during the operation process. The meanings of these symbols are as follows:

Symbol	Meaning
	NOTE: Provides tips and additional information related to the operation and use of the product.
	CAUTION: Alerts to matters that requires attention during operation, as improper handling may lead to product damage, data loss, or functional abnormalities.
	WARNING: The annotations following this symbol demand extra attention, as improper handling could potentially cause personal injury.

Legal Statement

Copyright Statement

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Uniview complies with applicable export control laws and regulations worldwide, including that of the People's Republic of China and the United States, and abides by relevant regulations relating to the export, re-export and transfer of hardware, software and technology. Regarding the product described in this manual, Uniview asks you to fully understand and strictly abide by the applicable export laws and regulations worldwide.

EU Authorised Representative

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If you have any feedback, please contact us at service@uniview.com.

Disclaimer of Liability

- We assume no responsibility and offer no compensation for any special, incidental, consequential, or indirect damages resulting from the use of this manual or our products, including but not limited to losses related to lost business profits, data, or document loss.
- The product described in this manual is provided on an "as is" basis. Unless required by applicable law, this manual is only for informational purpose, and all statements, information, and recommendations in this manual are presented without warranty of any kind, expressed or implied, including, but not limited to, merchantability, satisfaction with quality, fitness for a particular purpose, and noninfringement.
- Users must assume total responsibility and all risks for connecting the product to the Internet, including, but not limited to, network attack, hacking, and virus. Uniview strongly recommends that users take all necessary measures to enhance the protection of network, device, data and personal information. Uniview disclaims any liability related thereto but will readily provide necessary security related support.
- To the extent not prohibited by applicable law, in no event will Uniview and its employees, licensors, subsidiary, affiliates be liable for results arising out of using or inability to use the product or service, including, not limited to, loss of profits and any other commercial damages or losses, loss of data, procurement of substitute goods or services; property damage, personal injury, business interruption, loss of business information, or any special, direct, indirect, incidental, consequential, pecuniary, coverage, exemplary, subsidiary losses, however caused and on any theory of liability, whether in contract, strict liability or tort (including negligence or otherwise) in any way out of the use of the product, even if Uniview has been advised of the possibility of such damages (other than as may be required by applicable law in cases involving personal injury, incidental or subsidiary damage).
- To the extent allowed by applicable law, in no event shall Uniview's total liability to you for all damages for the product described in this manual (other than as may be required by applicable law in cases involving personal injury) exceed the amount of money that you have paid for the product.
- When using this product, please strictly adhere to the applicable laws and regulations to avoid infringing upon the rights of third parties, including but not limited to intellectual property rights, data rights, or other privacy rights. You must also not use this product for the purposes of developing or facilitating the use of weapons of mass destruction, biological or chemical weapons, nuclear weapons, or for any other purposes that violate international norms and regulations.

Privacy Protection Reminder

Uniview complies with appropriate privacy protection laws and is committed to protecting user privacy. You may want to read our full privacy policy at our website and get to know the ways we process your personal information. Please be aware,

using the product described in this manual may involve the collection of personal information such as face, fingerprint, license plate number, email, phone number, GPS. Please abide by your local laws and regulations while using the product.

Safety Precautions

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 Safety

Please use batteries properly; otherwise, there is a risk of fire or explosion.

- Warning: Using incorrect battery models can lead to explosion.
- If you need to replace the battery, it is recommended that you go to an authorized service center or have it replaced under professional supervision. We shall not be held responsible for any issues arising from unauthorized battery replacement.
- When replacing the battery, be sure to use a battery of the same type as the original! Using the wrong model for replacement (such as certain types of lithium batteries) may cause safety protection to fail.
- Batteries must not be exposed to overheat environments such as sunlight, fire, as this may lead to fire, explosion, or combustion.
- Do not dispose of batteries in fire or heating appliances. Do not squeeze, bend, or cut batteries, as it may cause explosion.
- Do not expose batteries to extremely high or low temperatures, or to very low-pressure environments, as this may cause explosion or leakage of flammable liquid/gas.
- Dispose of the used battery according to your local regulations or the battery manufacturer's instructions.
- For products or the included remote control containing a button cell battery: Do not ingest the battery - chemical burn hazard! If swallowed, a button cell battery can cause severe internal burns within 2 hours and may be fatal. Precautions (including but not limited to):
  - Keep new and used batteries away from children.
  - Stop using the product and keep it away from children if the battery compartment is not securely closed.
  - If you suspect that a battery may have been swallowed or inserted inside any part of the body, seek immediate medical attention.

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.
  - Do not include the account name or the reverse of the account name.
  - Avoid using consecutive characters, such as 123, abc, etc.
  - Do not use overlapping characters, such as 111, aaa, etc.

- **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.

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.

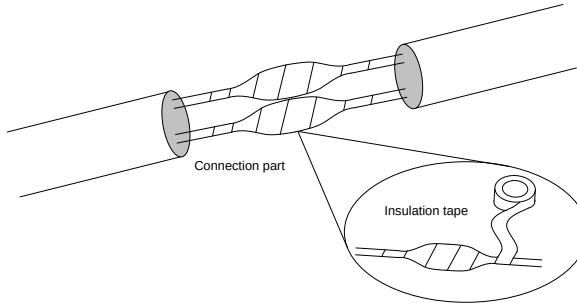
Waterproof Requirements

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.

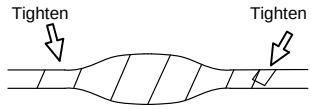
NOTE!

- 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.

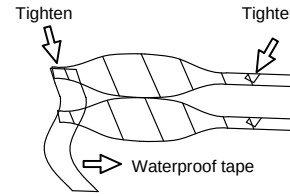
1. Use insulation tape (not included in the package) to insulate the connection part of each cable.



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.

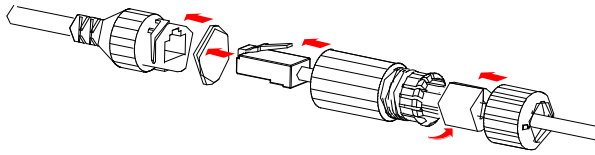


Wrap the used cables separately



Wrap the unused cables together into a bundle

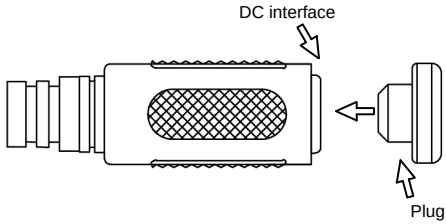
3. Install the supplied waterproof components to the network cable in sequence.



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	Accessory pack	1	Set
3	User manual	1	Set

2 Safety Instructions

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

2.1 Installation

- Use this product within the specified atmospheric pressure, ambient temperature, and humidity range. Avoid placing it in areas prone to compression, vibration, moisture, dust, extreme heat, extreme cold, or strong electromagnetic radiation.
- The installation, wiring, commissioning, maintenance, and servicing of the device must strictly follow the requirements in the user manual to ensure high reliability and accurate response capabilities. Ensure all wiring connections are secure and no components are missing during installation, maintenance, or servicing.
- When the device is unpowered, it can be carried by holding both ends or the bottom. Do not use the tail cables to bear the weight when moving the device, as this may loosen the cable connections. Do not drag or strike the device. When powered on, do not open, move, strike, or drag the device, otherwise, the user assumes all consequences.
- Generally, install this device outdoors. Take effective waterproofing, moisture-proofing, and dust-proofing measures at connection points (especially ensure screws at connections are tightly fastened to maintain overall sealing). Install a lightning arrester to prevent lightning strikes.
- Do not install the device in areas prone to vibration. If installing near vibration sources such as bridges, aircraft, or vehicles, use vibration dampers.
- During wiring installation, include an easily accessible power cutoff device for emergency shutdowns. This product is explosion-proof, so ensure that cables undergo explosion-proof treatment.
- Do not cut tail cables for connections, as exposed wires may cause short circuits and damage the device.

- Use existing cable terminals for external connection ports. Ensure terminals (locks/clips) are intact and firmly secured. Avoid excessive tension on cables during installation, leaving some slack to prevent poor contact or loosening due to vibration or movement.
- Confirm the installation position is stable and secure to prevent device damage.
- Always use a power supply that meets the device's requirements. This product has internal and external grounding, both marked accordingly. Ensure grounding is reliable.
- Before operating the device, verify the power supply is correct.
- During normal operation, the device's outer surface temperature does not exceed 80°C.
- Before performing maintenance, repairs, or moving the device, disconnect the power supply. Handle with care during movement, as the device powers on once the cable is plugged in.
- Transport, use, and store the device within the permitted humidity and temperature ranges.
- Prevent damage from heavy pressure, severe vibration, or immersion during transport, storage, and installation. When transporting, repackage the product in its original packaging or equivalent-quality materials.
- During transit, protect the device's front face to avoid friction, scratches, or contamination.
- This device is designed for installation on ceilings, walls, or poles. Inverted installation (e.g., on the floor) may cause malfunctions.
- Do not aim the device at bright objects. Whether in use or not, avoid pointing it at the sun or other intensely bright objects to prevent image blurring or halos.
- For repairs, consult professionals. Do not open the cover for unauthorized repairs. Only use manufacturer-specified parts/accessories.
- Users must not disassemble the product arbitrarily. Removing the top cover or screws may cause water or electrical leakage. Follow the instructions on the manual. When setting up or dismantling protective covers and safety facilities, establish a restricted zone with dedicated personnel.
- During maintenance, protect explosion-proof surfaces to prevent metal debris or other substances from entering the device. Do not disassemble or modify the device.
- If safety hazards are detected, take immediate corrective measures or halt operations if necessary.
- In extreme weather, inspect, adjust, and repair all safety facilities to ensure they function properly. Clear ice, frost, rain, or snow from the site.
- Protect power cables from being stepped on or pinched, especially near plugs, sockets, and connection points.

- Avoid aiming the device at strong light sources (e.g., lamps, sunlight) to prevent overexposure or streaking (not a device malfunction), which may also shorten the CCD/CMOS sensor's lifespan.
- Prevent water or conductive liquids from entering the device; it may damage the internal components.
- Do not block ventilation near the device; it may cause heat buildup.
- Some components in our products (e.g., circuit boards, electronic parts, plastic items, lubricants) may be environmentally hazardous. During maintenance or disposal, collect and control these pollutants properly. Do not discard them randomly; hand them over to environmental authorities for proper disposal.
- After precision welding, the housing can withstand the hydrostatic test specified in IEC 60079-1:2014 (test pressure: 2.0 MPa, duration ≥ 10s). The device passes the test if no permanent deformation or damage affecting explosion-proof integrity occurs.
- The housing can withstand the pressure test and internal ignition non-transmission test per IEC 60079-1:2014. The product meets the impact test requirements of IEC 60079-1:2014. Its protection rating is IP68. Explosion-proof surface parameters comply with IEC 60079-1:2014.

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 a clean lens cleaning cloth. If the grease or stain still exists, use lens cleaning cloth dipped with detergent and clean the glass surface gently.
- Do not use organic solvents (benzene, alcohol, etc) to clean the camera.
- Please check if the fasteners and cables are still in good condition after six months. If the device is installed in a harsh environment, please contact your local dealer to replace the rubber sealing parts after five years.
- If there is dust on the body, remove the dust using a soft dry cloth. If the dirt still exists, use a clean soft cloth dipped with neutral detergent to clean the body gently. Do not use corrosive solvents or abrasive detergent to clean the body, otherwise the surface will be damaged.
- The device can be stored for one year in an environment where there is no corrosive gas or liquid and strong vibration, the temperature is 0 to 40℃, and the relative humidity is not greater than 90%.

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 Introduction

The dome is equipped with an enclosure made of stainless steel. It uses 100M full-duplex Ethernet and supports multiple communication protocols and communication rates.

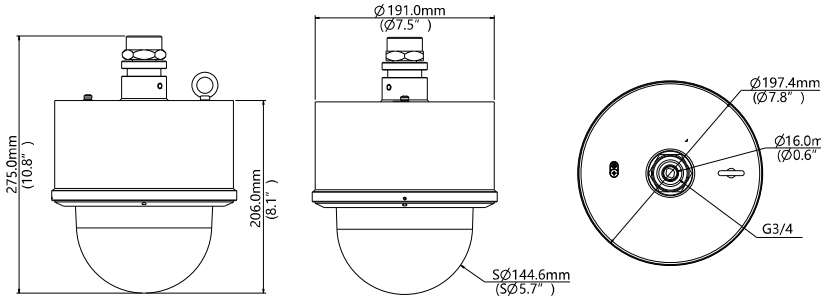
CAUTION!

- The insulation resistance value between the power inlet terminal and the device enclosure must not be less than 50 MΩ.
- The enclosure of the power inlet terminal shall be able to withstand 50Hz, 1500V power frequency test for one minute. The enclosure of the signal cable terminal should be able to withstand 50Hz, 500V power frequency test for one minute.
- The working voltage, working current and power consumption may vary with models. Please refer to the label instructions on the device.

4 Appearance

4.1 Dimensions

Device appearance may vary with models, please refer to the actual device. The figure below is only for illustrative purpose. (Unit: mm)

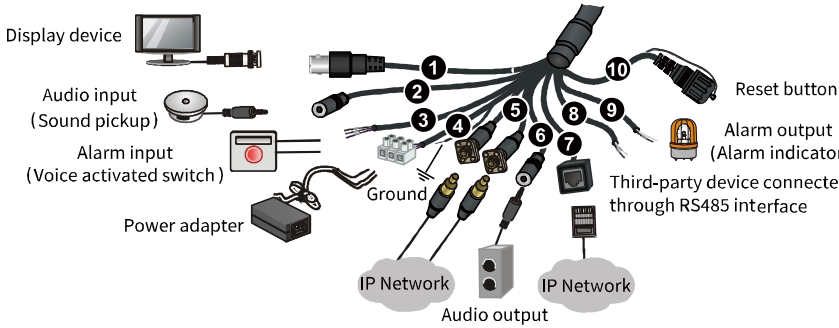


4.2 Cable Connection

Tail cables may vary with device model. The following is an example.

NOTE!

Please refer to the label instructions on the device for detailed information.



No.	Interface	Description
1	VIDEO OUT	Video output interface, outputs analog video signals.
2	AUDIO IN	Audio input interface, inputs audio signals or allows two-way audio. **NOTE!** Audio input and two-way audio share this interface, but cannot be used simultaneously.

3	ALARM IN	Alarm input interface, inputs alarm signals.
4	Power interface	Connect the power adapter. **NOTE!** When using, please ensure the device is properly grounded.
5	Optical interface	Adaptive SFP optical module slot, connects optical network.
6	AUDIO OUT	Audio output interface, outputs audio signals.
7	Ethernet interface	Adaptive Ethernet electrical interface, connects electrical network.
8	RS485	RS485 serial interface, connects third-party devices.
9	ALARM OUT	Alarm output interface, outputs alarm signals.
10	Reset button	Within 10 minutes after power on (invalid after 10 minutes), remove the cover of the reset button and press and hold the reset button for more than 10 seconds. Wait for the device to restart, and it will be restored to factory default settings.

5 Mount Your Camera

The installation process of devices is similar. The following installation steps are only for illustration, please refer to the actual device.

5.1 Check Before Installation

Before installation, verify that environmental conditions (temperature, humidity, cleanliness, interference resistance, lightning protection, etc.) and power supply meet safety requirements.

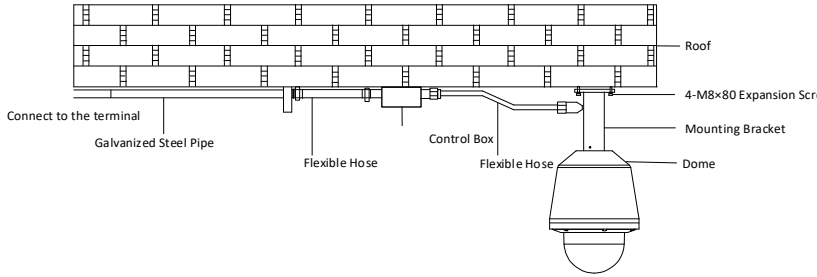
- Always use this product within the specified atmospheric pressure, ambient temperature, and humidity range.
- Ensure the installation site has sufficient space for the product and its mounting components.
- Verify that walls or brackets for mounting the explosion-proof network camera can support its total weight (including mounting parts), with a load capacity at least four times the rated requirement.

- Install the device in an area inaccessible to people, free of obstacles that may interfere with its rotation. Otherwise, the device may fall, get damaged, or endanger personnel.
- Users must not disassemble explosion-proof structural components, as this may compromise waterproofing. Follow the instructions on the manual.
- Always use a compliant power supply.
- Due to the nature of explosion-proof products, conduct power-on test first and install on-site only after familiarizing yourself with the device's performance.
- Do not add extra loads to the camera, as this may exceed its capacity, leading to malfunctions or damage.
- Factory-certified products must not have explosion-proof components altered arbitrarily.
- The product has dedicated internal and external grounding. Ensure proper connections—no ungrounded operation is allowed. Ground wire resistance must be ≤1Ω, and grounding electrode resistance must be ≤1Ω.

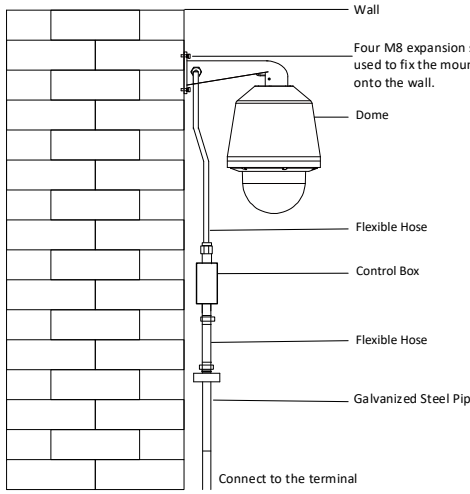
5.2 Mount the Camera

5.2.1 Mounting Method

1 Ceiling Mount

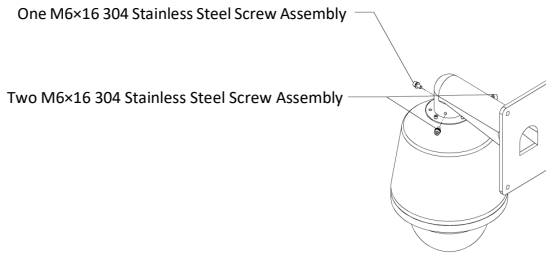


2 Wall Mount



5.2.2 Mounting Steps

1. Mount the bracket
   (1) Choose an appropriate mounting position.
   (2) Use expansion screws to fix the mounting bracket onto the wall.
2. Mount the camera
   (3) Route the tail cable through the bracket.
   (4) Adjust the angle of the device.
   (5) Use screws to fix the device to the bracket. The following figure takes a wall mount bracket as an example for illustration.



3. Mount the control box.

Fix the control box onto the wall.

NOTE!

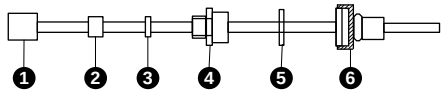
It is recommended to mount the control box in a location that is easy to maintain the camera.

4. Mount the flexible hose

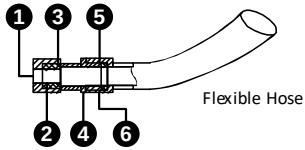
NOTE!

The cable connected to the control box needs to be protected by a flexible hose. The cable connecting the junction box and the control room must be protected by a metal pipe, or you can use an armored cable.

(1) Lead the tail cable through as shown below (the connector has been soldered to the device) and fasten each part. Repeat this operation to connect the terminal cable.



1. Connector	2. Rubber Sealing Ring
3. Metal Washer	4. Flexible Hose Connector
5. Rubber Washer	6. Flexible Hose Nut



1. Connector	2. Sealing Ring
3. Metal Washer	4. Flexible Hose Connector
5. Rubber Washer	6. Flexible Hose Nut

(2) Align the flexible hose on the device side with the threaded hole on the bracket and control box, and rotate until firmly fixed.
(3) Align the flexible hose on the terminal side with the threaded hole on the control box, and rotate until firmly fixed.
(4) Connect the cables to the control box.

5. Mount the galvanized steel pipe.

Align the flexible hose on the terminal side with the threaded hole on the galvanized steel pipe, and rotate until firmly fixed.

6. Connect the terminal cable to the terminal.

6 Startup

Check that the device is installed properly, and then connect power to start up the device.

The device performs a self-test including pan, tilt and zoom when connected to power. Please wait till the test completes before you operate the device.

7 Web Login

Log in to the camera's Web interface to perform management or maintenance operations.

The default network settings are shown in the table below and may be modified as required.

Item	Defaults
Network address	IP address/subnet mask: 192.168.1.13/255.255.255.0 Gateway: 192.168.1.1 Note: DHCP is enabled by default. If a DHCP server is deployed in the network, an IP address may be assigned automatically, and you need to use the assigned IP address to log in.
Username	admin
Password	123456 Note: 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.

1. Open your browser, input the camera's IP address in the address bar and then press Enter to open the login page.
2. Enter the username and password and then click Login.

8 FAQ

The following table lists some problems you may encounter during use. You can refer to the table to solve the problems yourself or contact your local dealer.

Problem	Possible Reason	Solution
No self-test after power on	Power cut	Check if the device is normally powered.
	Unqualified supply voltage	Check if the power supply voltage complies with the specifications on the label.
Cannot connect to camera after self-test	Network error	Check if the network connection is normal, or if the network device is powered on.
Image flickering	Poor connection of network cable	Check if the network cable is in good condition.
	Network cable is not plugged in properly	Check if the network cable is plugged in properly.
	Signal attenuation in case of long distance communication	Add a repeater.

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