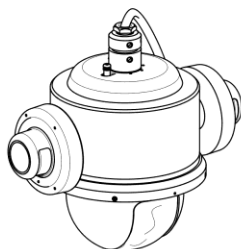


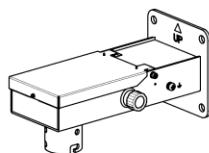


Explosion-proof Dome

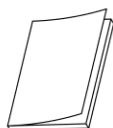
Quick Start Guide



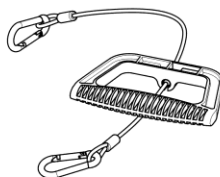
1x



1x



2x*



1x



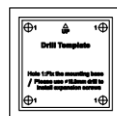
M12×130

1x



HSCSFM8×16

1x



1x



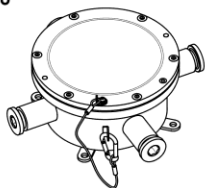
4x*



2x



1x



1x



1x



1x



M8×80

1x

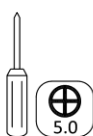
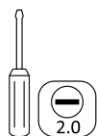


1x



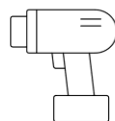
M25

1x



Ø12.5mm

Ø16.0mm



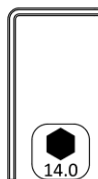
14mm



19mm



32mm



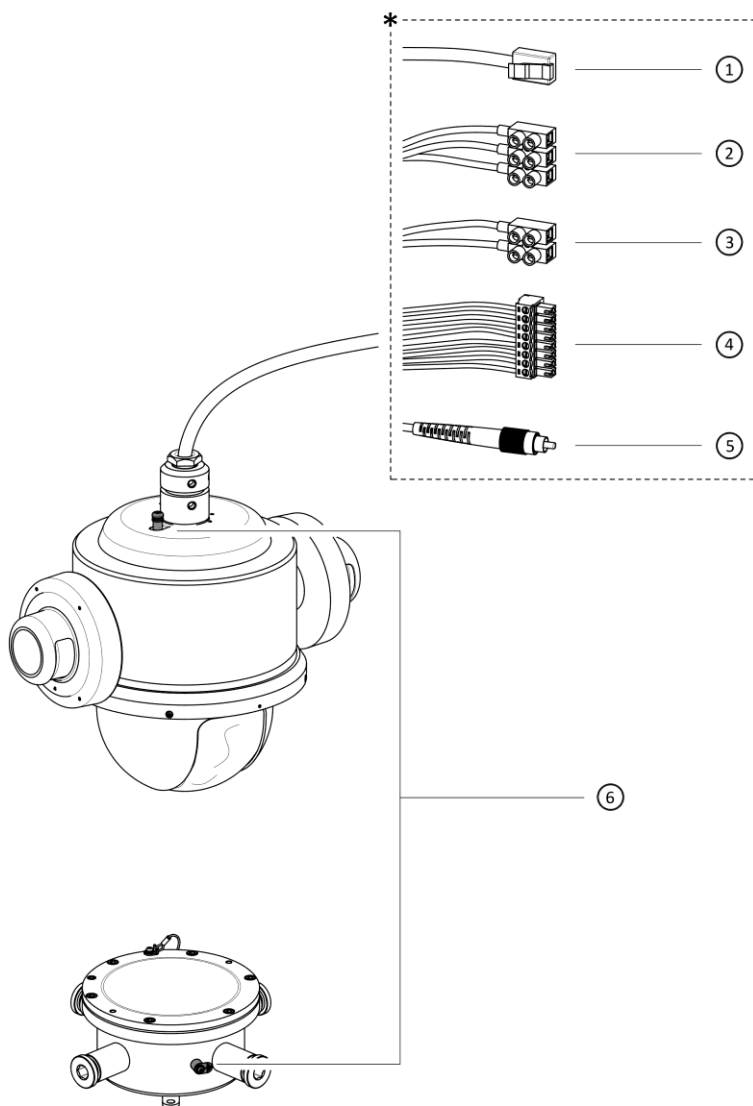
14.0



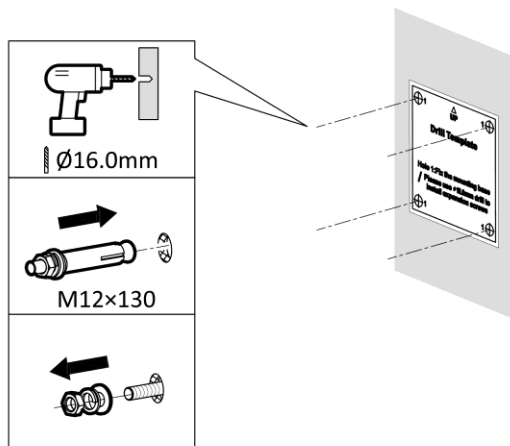
6.0



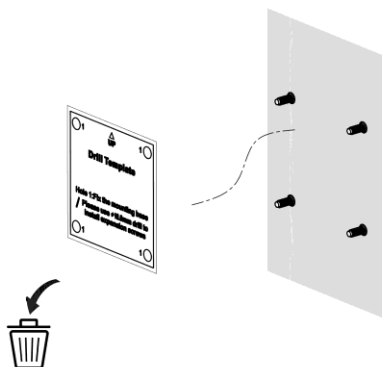
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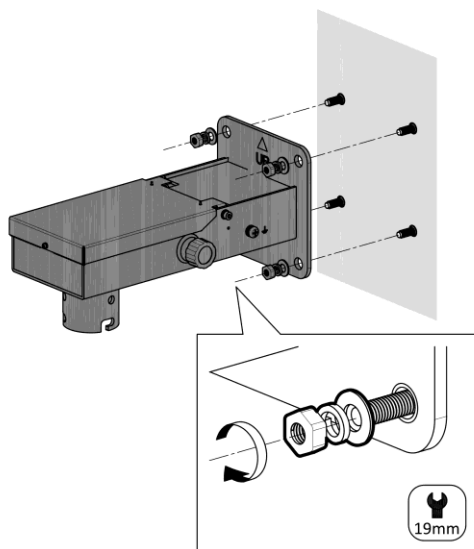
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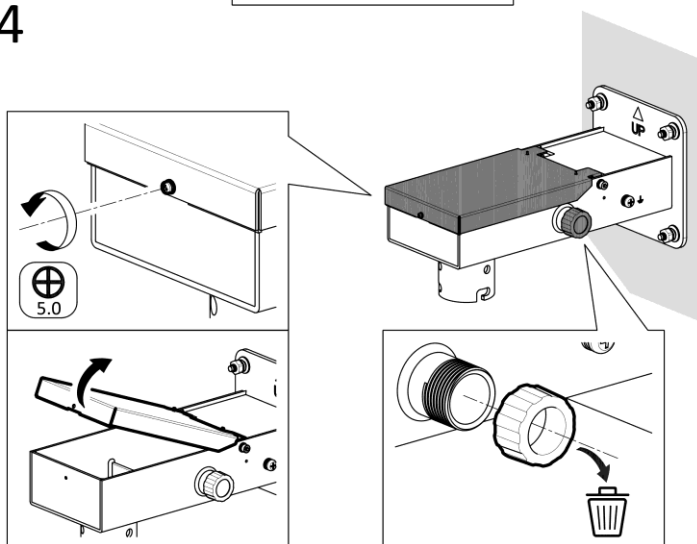
1.2



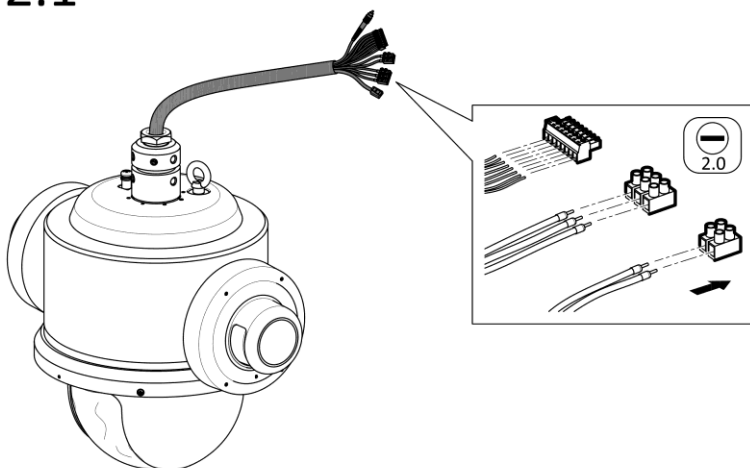
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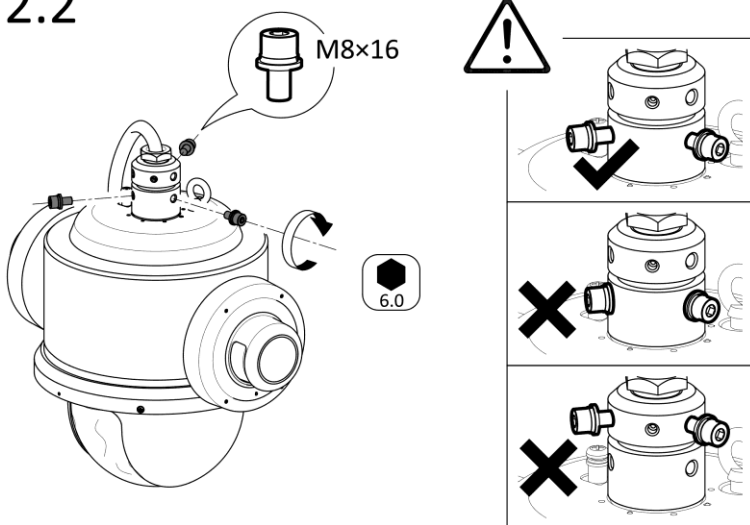
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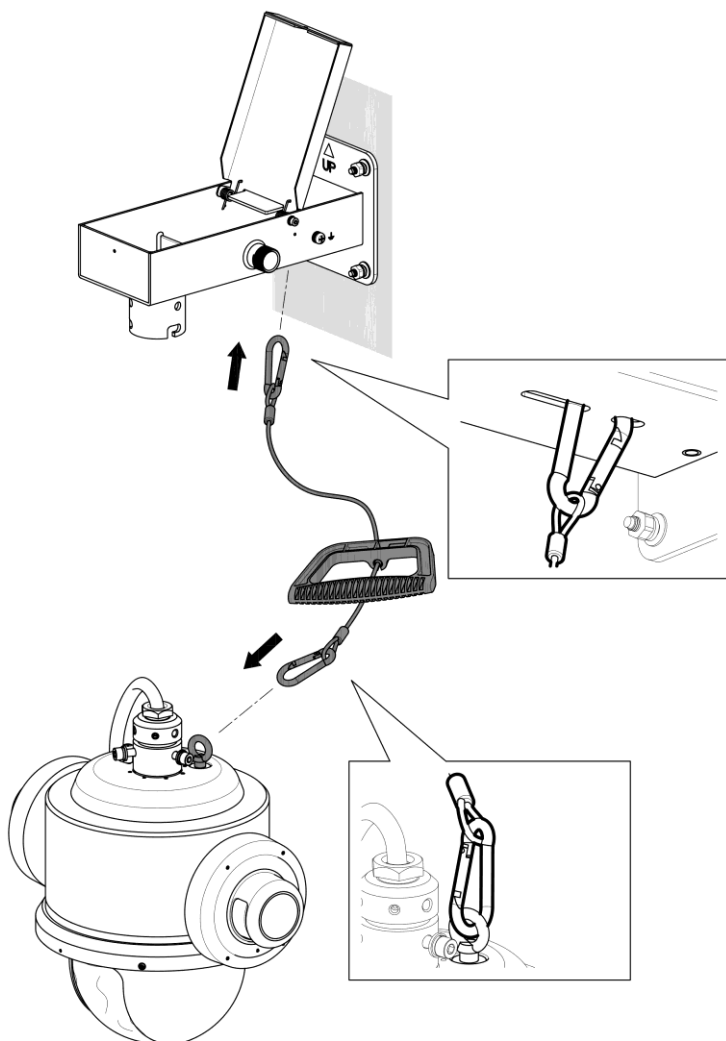
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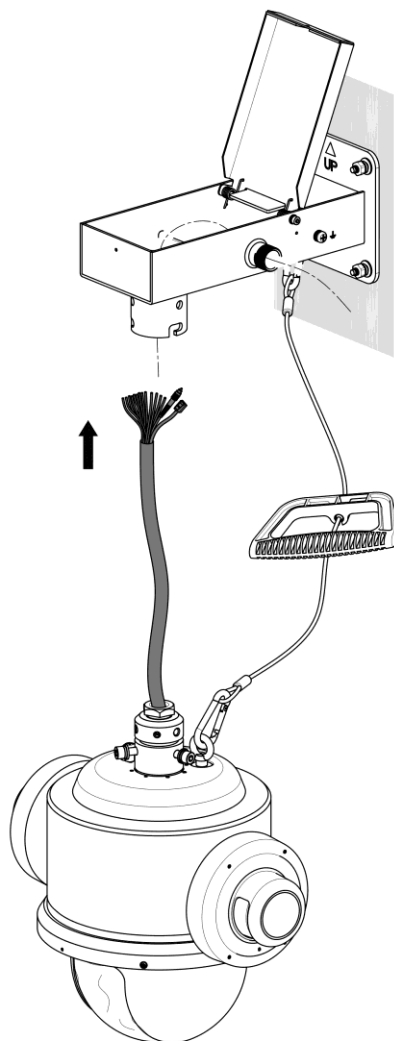
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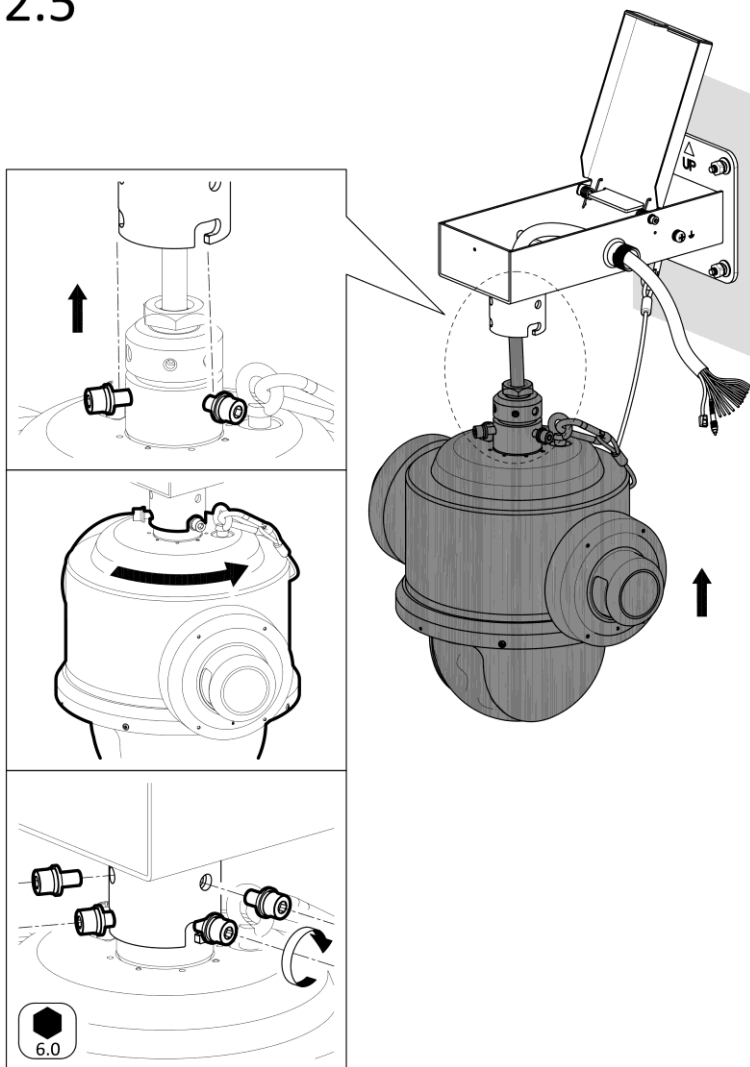
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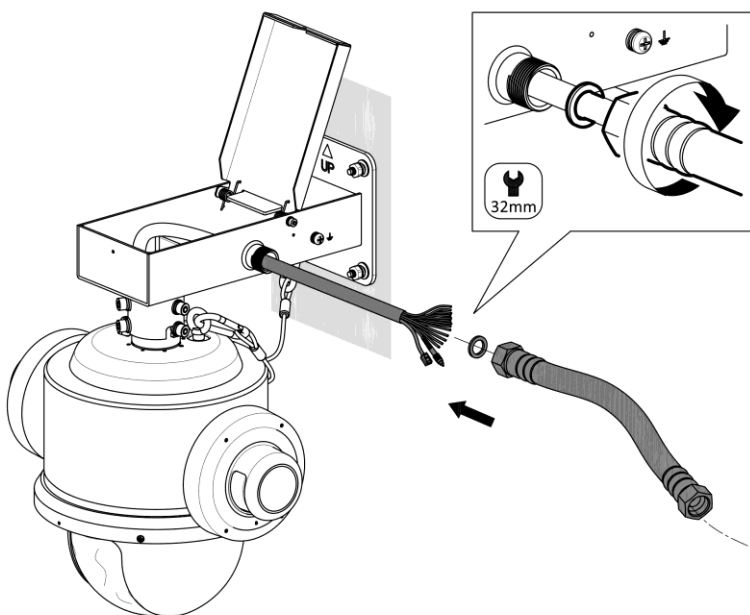
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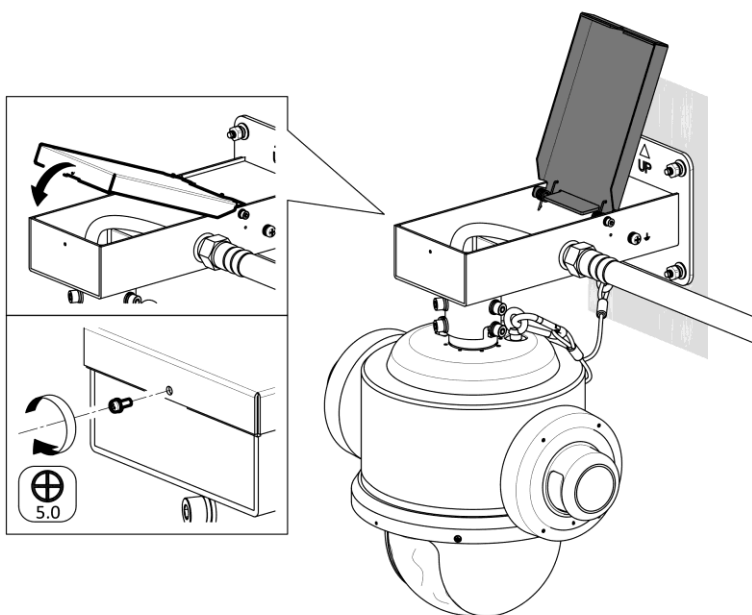
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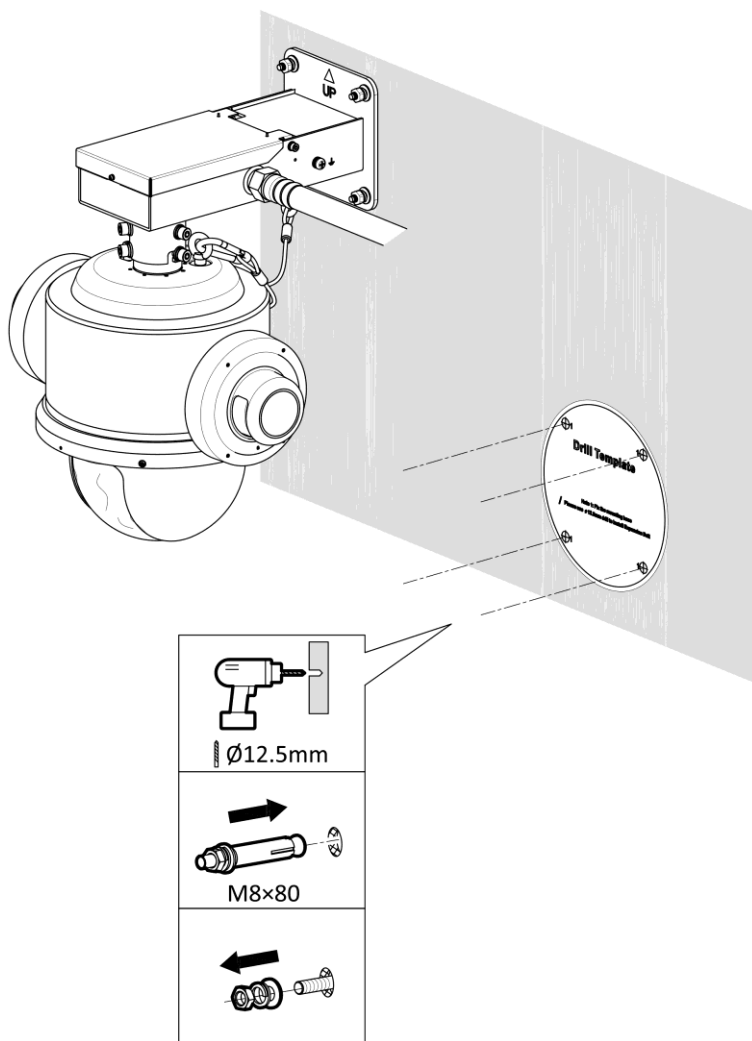
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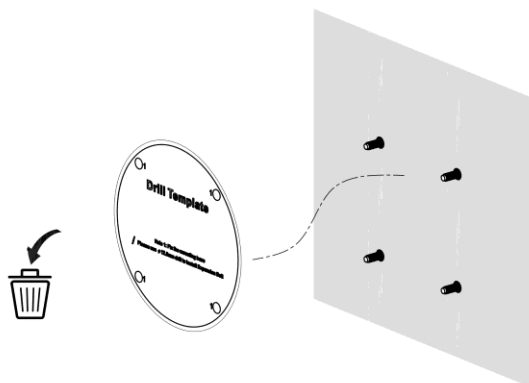
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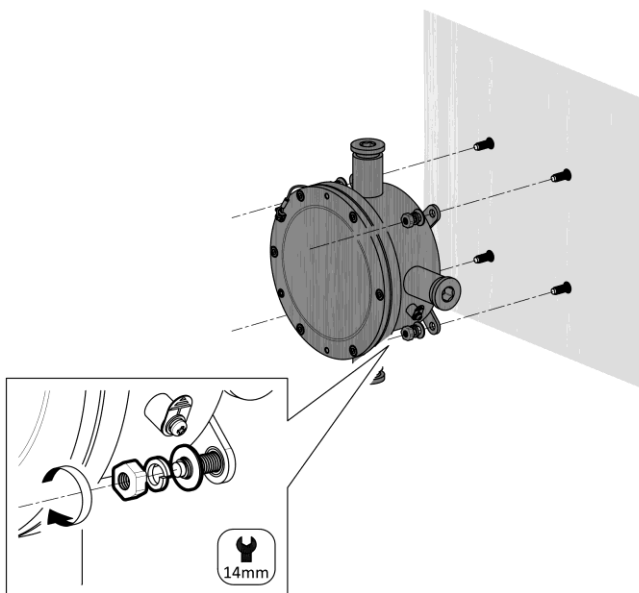
3.1



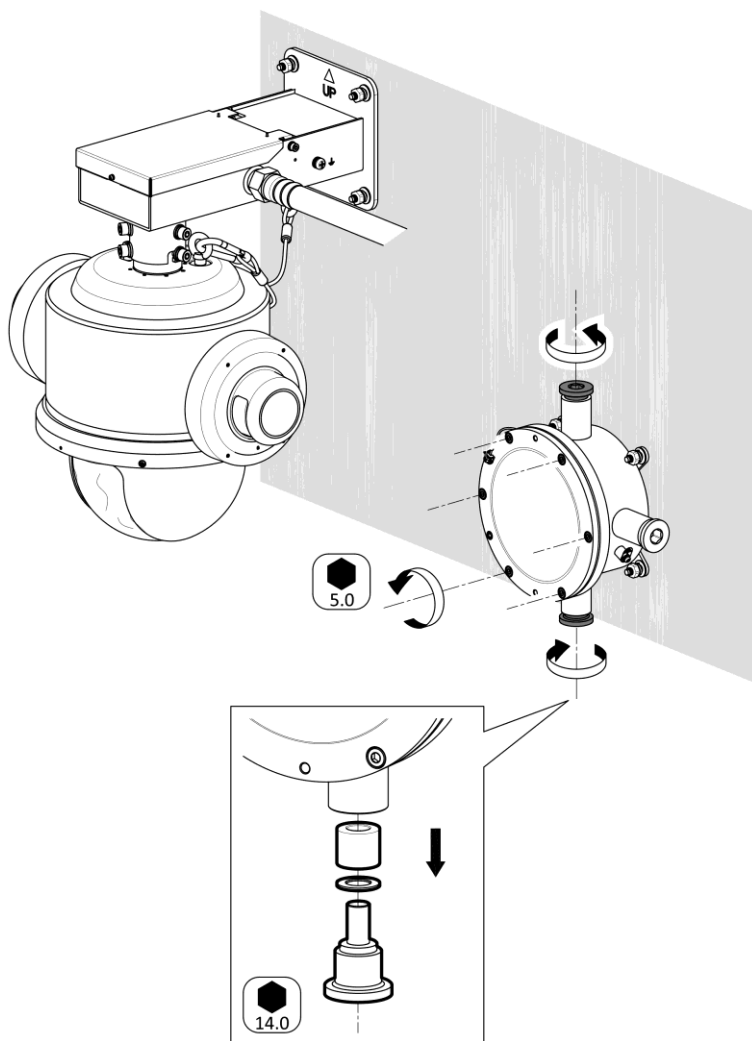
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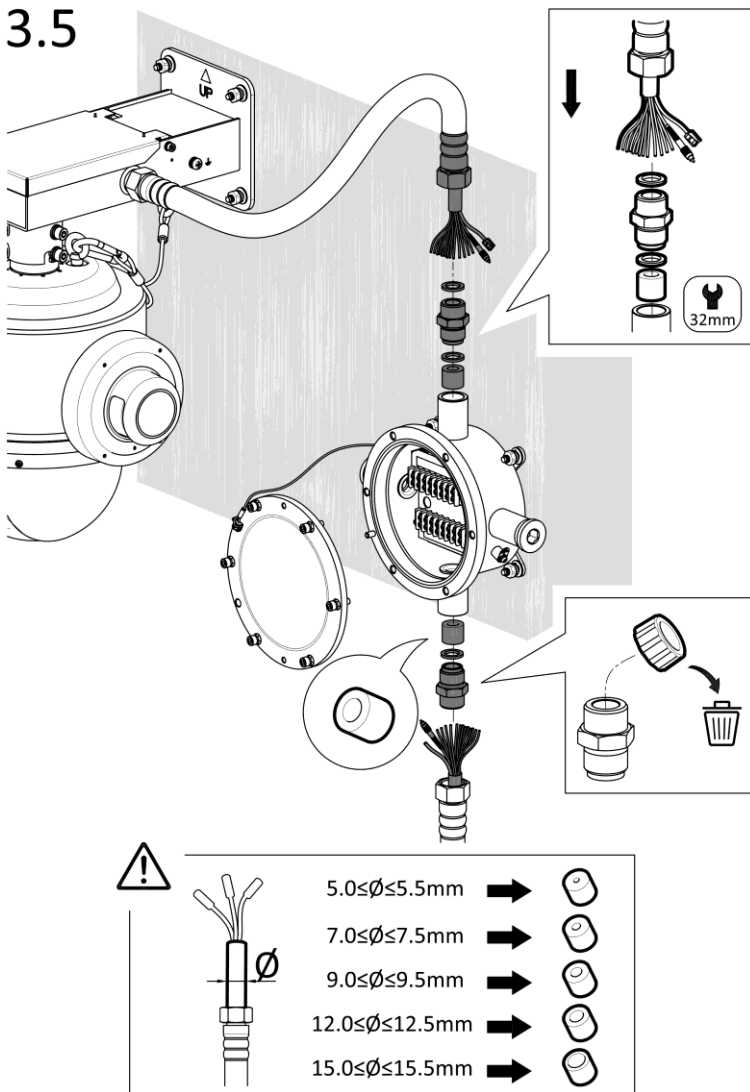
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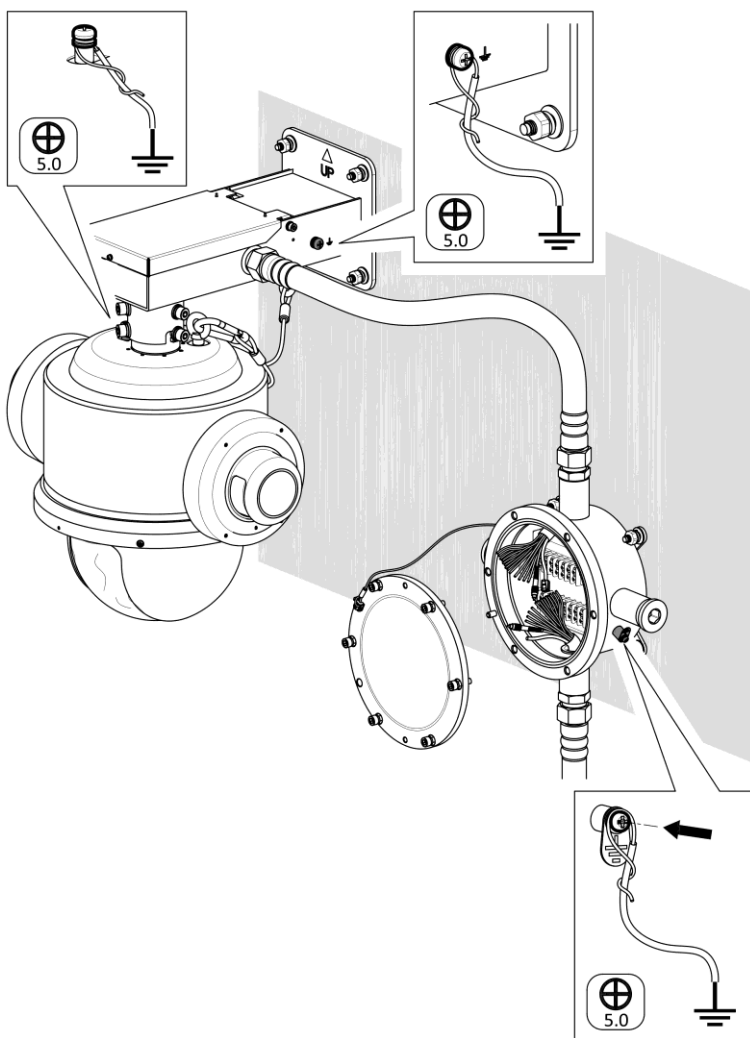
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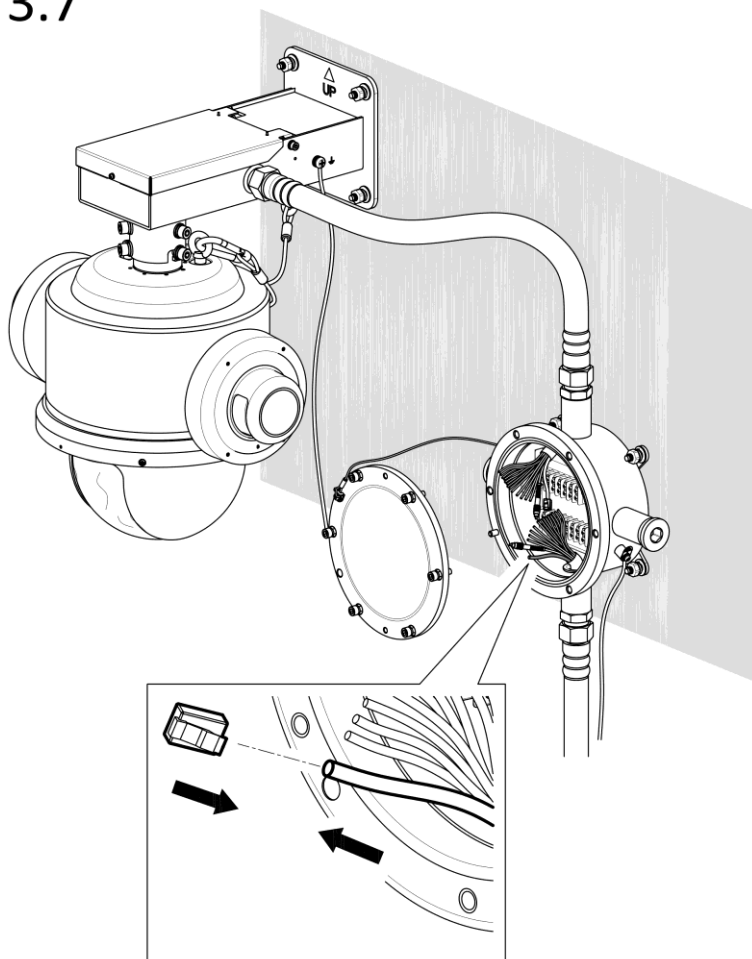
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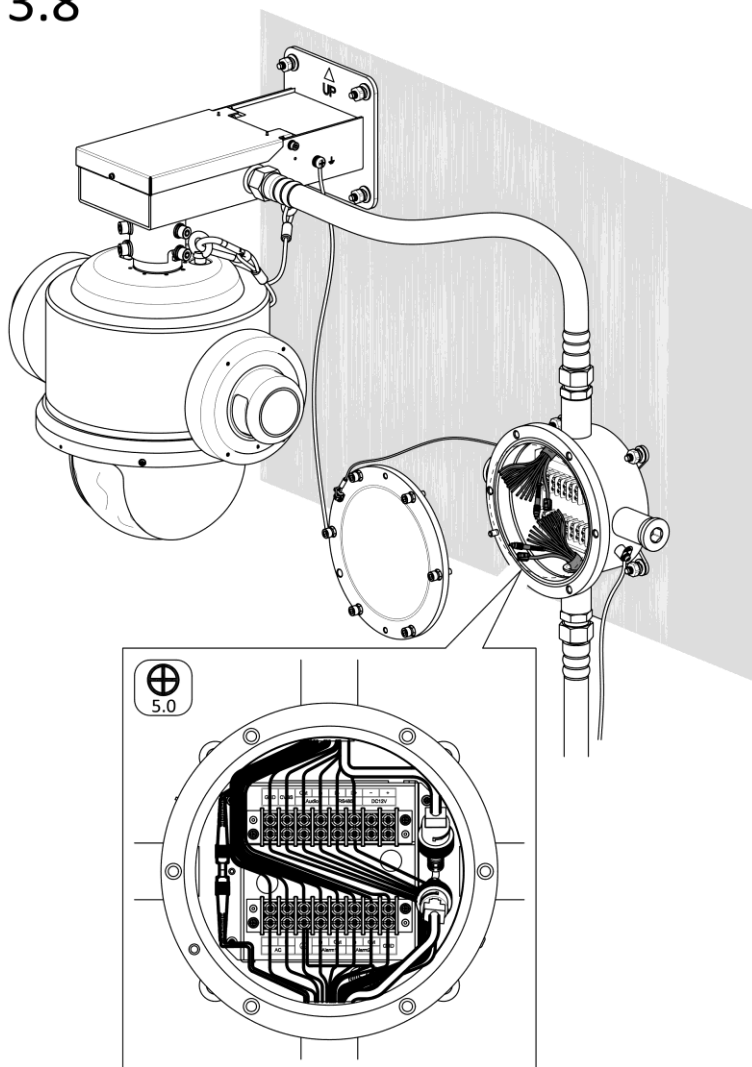
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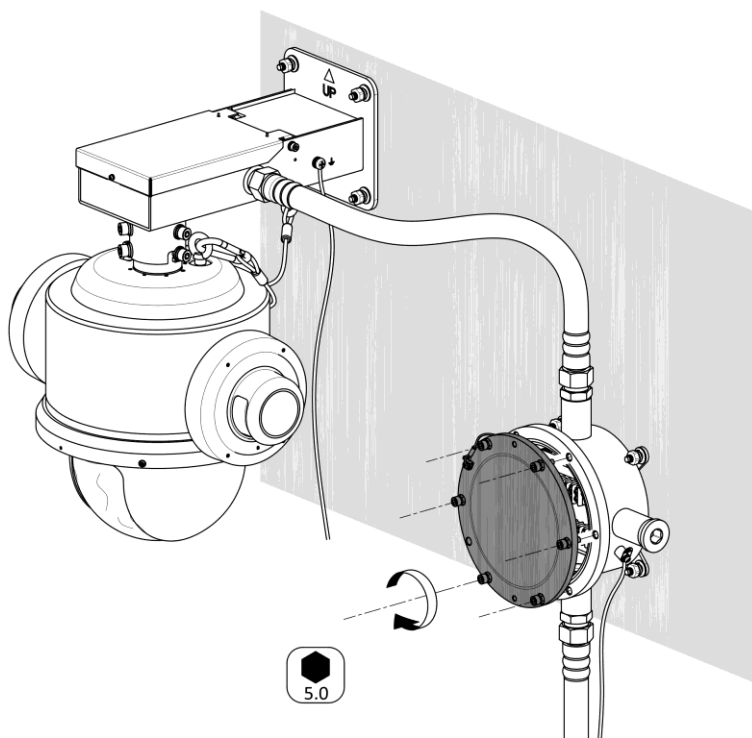
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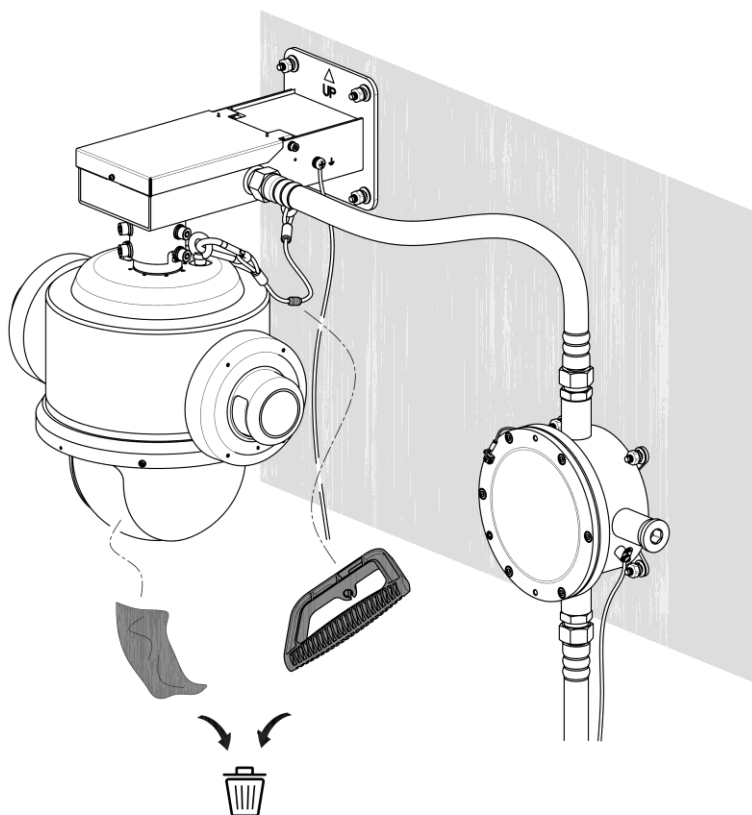
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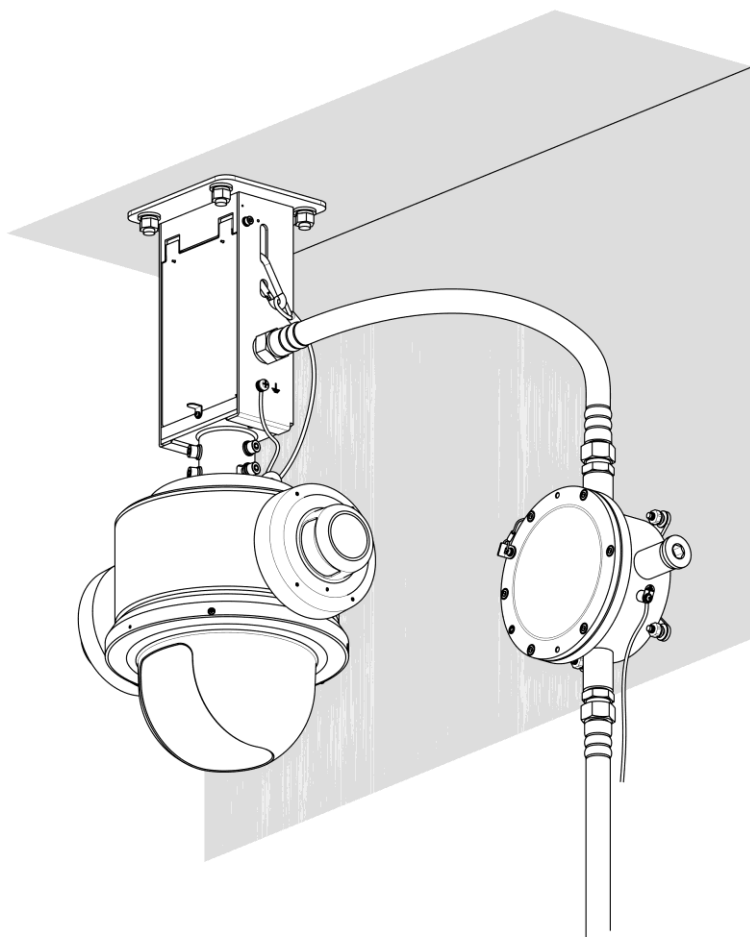


3.9



3.10







Protective Measures for Outdoor Installation



Activate and Access Network Camera



Read this manual before using the product.

Product appearance is for reference only and may differ from the actual product.

Interface

- ① Network interface
- ② Power interface
- ③ RS-485
- ④ Alarm & Audio
- ⑤ Fiber
- ⑥ GND

Explosion-proof Information

Intended Use of the Dome

ATEX:  II 2G Ex db IIC T6 Gb / II 2D Ex tb IIIC T80°C Db

IECEx: Ex db IIC T6 Gb /Ex tb IIIC T80°C Db

Hazardous Area Classification: Zone 1, Zone 2, Zone 21, Zone 22

IP Degree: IP66/IP68 (2m, 2h)

Ex Standards:

IEC 60079-0: 2017

EN IEC60079-0: 2018

IEC 60079-1: 2014

EN 60079-1: 2014

IEC 60079-31: 2013

EN 60079-31: 2014

Special Conditions for Safe Use

Ambient temperature: -40 °C to Ambient temperature: -40°C to +60°C

Repairs of the flameproof joints may only be made by the manufacturer or on behalf of the manufacturer and his own responsibility. Repair in compliance with the values of IEC 60079-1 is not accepted.

The earth connection facility shall be connected reliably.

Explosion-Proof Positioning System shall be installed to avoid a risk of Ignition from electrostatic discharge.

WARNING:

DO NOT OPEN WHEN ENERGIZED.

POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS.

When assembly and operation, the operator must follow the requirements of the IEC 60079-14: latest version

Explosive atmospheres- Part 14: Electrical installations design, selection and erection, beside of the manufacturer's operating instructions or its National equivalent.

Maintenance shall comply with IEC 60079-17.

Repair and overhaul shall comply with IEC 60079-19: latest version or its National equivalent.

1. The equipment shall be installed and maintained such that hazards caused by electrostatic discharge are excluded and that there is a low risk of mechanical danger.
2. Specific guidance noted to contact the original manufacturer for information on the dimension of the flameproof joints.
3. The external cable connections and plugs shall be protected by a type of Ex protection, and the installation shall comply with requirements of IEC60079-14.

Explosion-proof Dome Nameplate

Explosion-proof Dome

Product Model: xxxxxxxxxxxxxxxxxxxx

Protection Level: IP66/IP68 (2m/2h) Temperature: -40°C ~ +60°C

Working Voltage: AC100-240V Rated Power: 25W

Product No.: xxxxxxxxxxxx Date of Production: xxxxxx

TÜV 24 ATEX 9098 X

IECEX TUR 24.0002 X

 II 2 G Ex db IIC T6 Gb

Ex db IIC T6 Gb

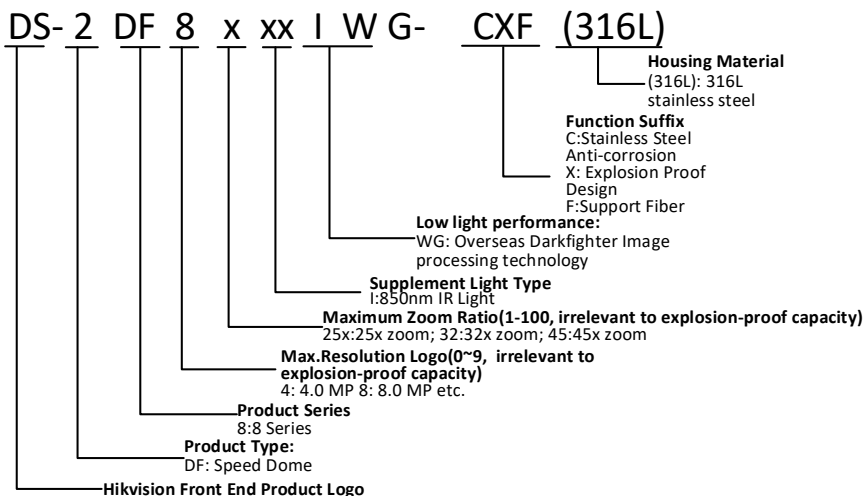
 0035 II 2 D Ex tb III C T80°C Db

Ex tb III C T80°C Db

**WARNING: DO NOT OPEN WHEN AN EXPLOSIVE
ATMOSPHERE IS PRESENT
POTENTIAL ELECTROSTATIC CHARGING
HAZARD-SEE INSTRUCTIONS**

Hangzhou Hikvision Digital Technology Co., Ltd.

No.555 Qianmo Road, Binjiang District, Hangzhou, 310052, China



Mechanical Specification

- Material: Aluminum Alloy & Stainless Steel
- Cable Entry of Bracket: One G 3/4 explosion-proof cable entry, inner hole diameter Ø15.

Working Environment

- Altitude (Above sea level): Within 2000 m.
- Humidity: Within 95%.
- Temperature: Refer to *Explosion-proof Dome Nameplate*.

Note:

To ensure safety of the users and explosion-proof performance of the device, your installation environment must meet the installation requirements of the device you purchased.

Safety Instruction



Warnings

Laws and Regulations

The device should be used in compliance with local laws, electrical safety regulations, and fire prevention regulations.

Electrical Safety

CAUTION: To reduce the risk of fire, replace only with the same type and rating of fuse.

Grounding: The both internal and external earthing shall be connected reliably.

Battery

This equipment is not suitable for use in locations where children are likely to be present.

CAUTION: Risk of explosion if the battery is replaced by an incorrect type.

Improper replacement of the battery with an incorrect type may defeat a safeguard (for example, in the case of some lithium battery types).

Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery, which may result in an explosion.

Do not leave the battery in an extremely high temperature surrounding environment, which may result in an explosion or the leakage of flammable liquid or gas.

Do not subject the battery to extremely low air pressure, which may result in an explosion or the leakage of flammable liquid or gas.

Dispose of used batteries according to the instructions.

Maintenance

To avoid fire danger caused by electrostatic charge, never touch or wipe the speed dome in explosive environment. Perform the wiping and replacing accessories only under non-explosive environment with the glove.

To prevent accumulation of electrostatic charge, use a soft and damp cloth when clean inside and outside surfaces of the bubble. DO NOT use alkaline detergents.

Installation

Never place the equipment in an unstable location. The equipment may fall, causing serious personal injury or death.

**Cautions****Fire Prevention**

No naked flame sources, such as lighted candles, should be placed on the equipment.

The serial port of the equipment is used for debugging only.

Installation

Install the equipment according to the instructions in this manual.

To prevent injury, this equipment must be securely attached to the wall in accordance with the installation instructions.

Be sure that there is enough space to install the device and accessories.

Make sure that the wall is strong enough to withstand at least 8 times the weight of the device and the mount.

Make sure that the power has been disconnected before you wire, install, or disassemble the device.

Installation could be only conducted by qualified personnel according to relevant national regulations.

Transportation

Do not drop the product or subject it to physical shock.

Keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the device to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the device and lead to additional costs.

Power Supply

The power source should meet limited power source or PS2 requirements according to IEC 60950-1 or IEC 62368-1 standard.

Refer to the device label for the standard power supply. Please make sure your power supply matches with your device.

Use a power adapter provided by qualified manufacturers. It is recommended to provide an independent power adapter for each device as adapter overload may cause over-heating or a fire hazard.

System Security

Please understand that you have the responsibility to configure all the passwords and other security settings about the device, and keep your user name and password.

Maintenance

If the product does not work properly, please contact your dealer or the nearest service center. We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.

To ensure explosion-proof performance, do not damage explosion-proof surface.

Use the glove when open up the dome cover, and avoid direct contact with the dome cover, because the acidic sweat of the fingers may erode the surface coating of the dome cover.

Cleaning

Please use a soft and dry cloth to clean the inner and outer surfaces. Do not use alkaline detergents.

Keep the surface clean and prevent dust accumulation. DO NOT clean the surface by compressed air duster.

Do not touch sensor modules with fingers. If cleaning is necessary, use clean cloth with a bit of ethanol and wipe it gently. If the camera will not be used for an extended period, please replace the lens cap to protect the sensor from dirt.

Using Environment

When any laser equipment is in use, make sure that the device lens is not exposed to the laser beam, or it may burn out.

DO NOT aim the lens at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.

To avoid heat accumulation, good ventilation is required for a proper operating environment.

DO NOT expose the device to extremely hot, cold, dusty, corrosive, saline-alkali, or damp environments. For temperature and humidity requirements, see device specification.

DO NOT expose the device to high electromagnetic radiation.

Emergency

If smoke, odor, or noise arises from the device, immediately turn off the power, unplug the power cable, and contact the service center.



See Far, Go Further