



Explosion-Proof Network Bullet Camera

Quick Start Guide



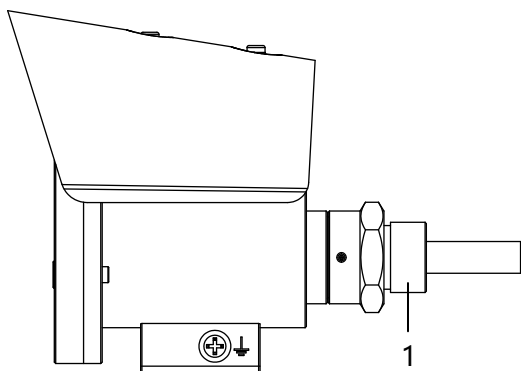
User Manual

A

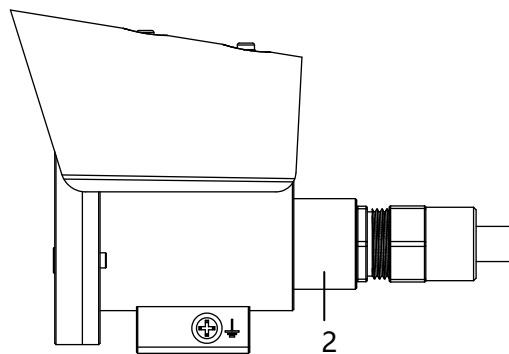


B

B.1

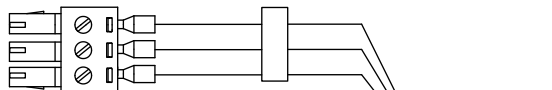


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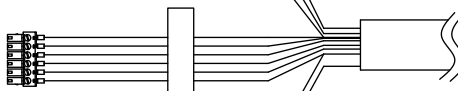


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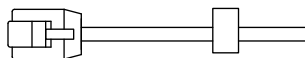
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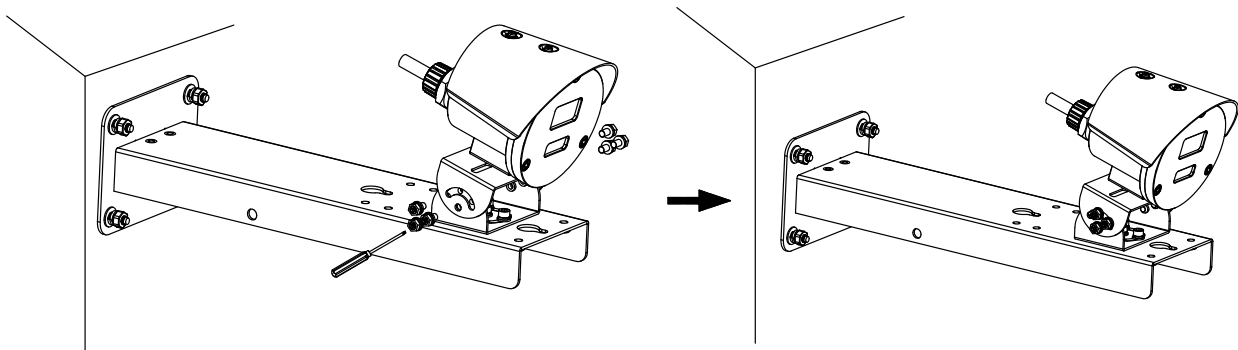
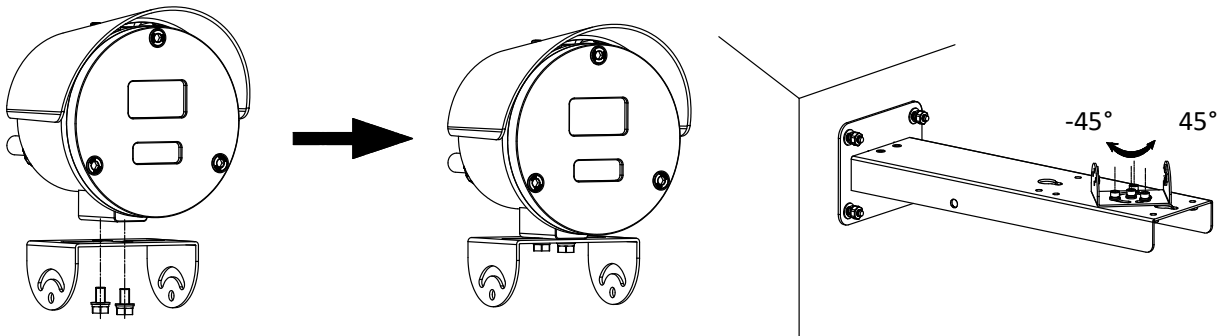
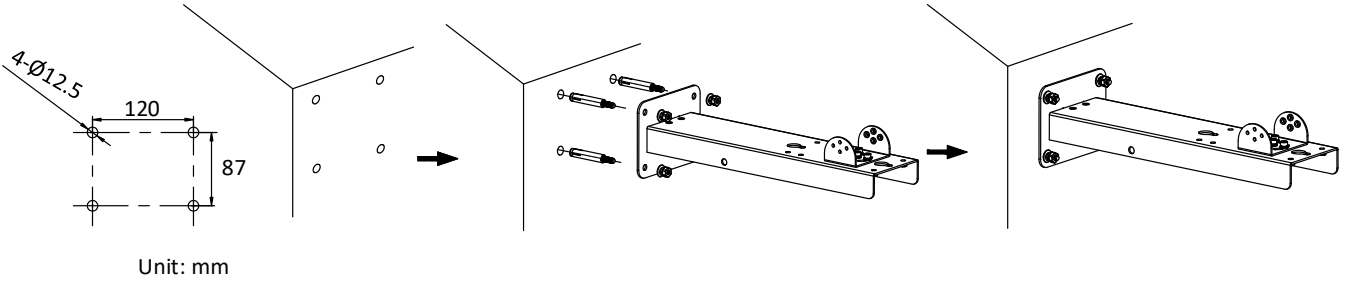
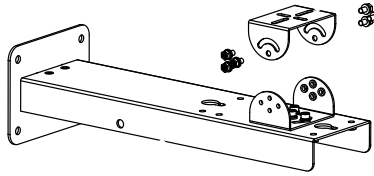
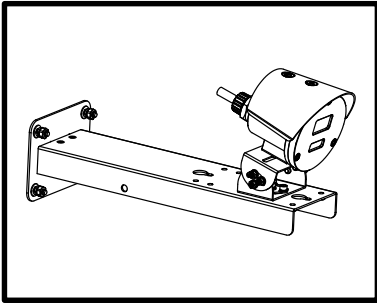


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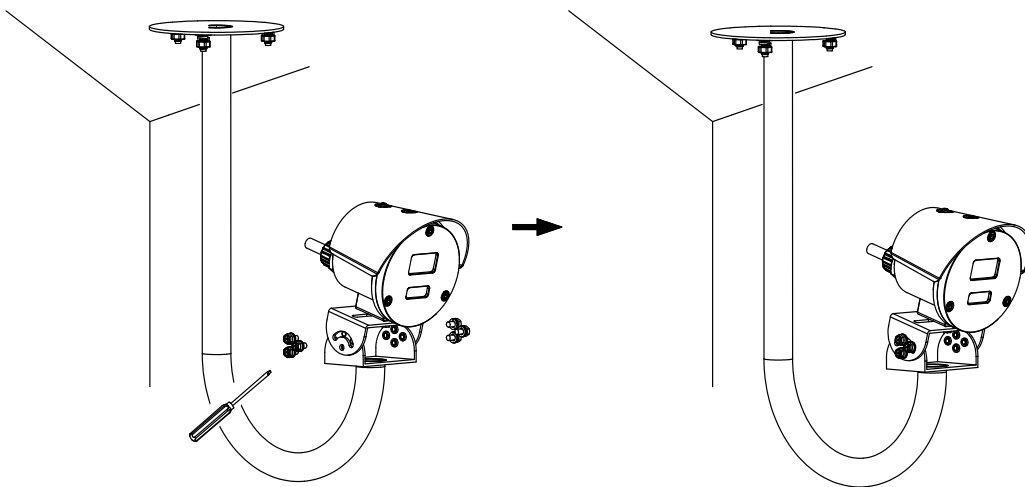
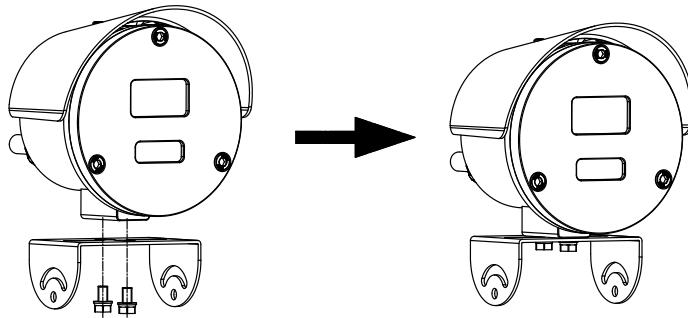
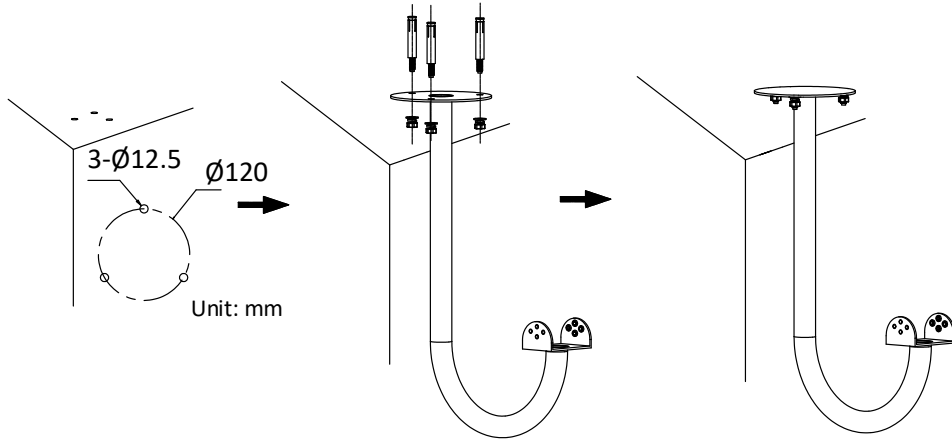
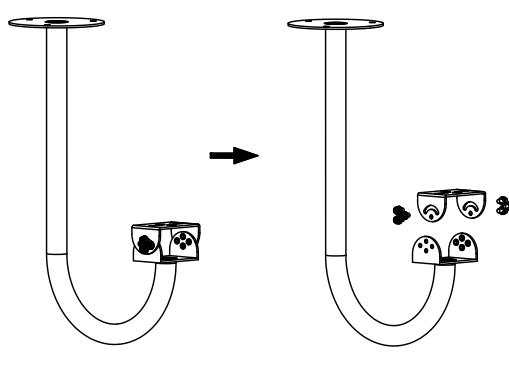
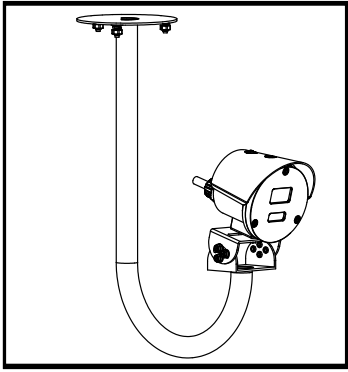


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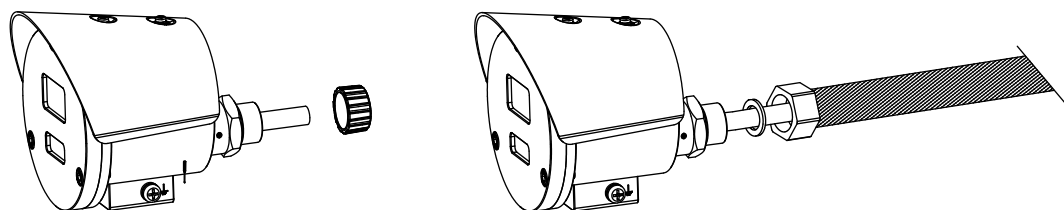


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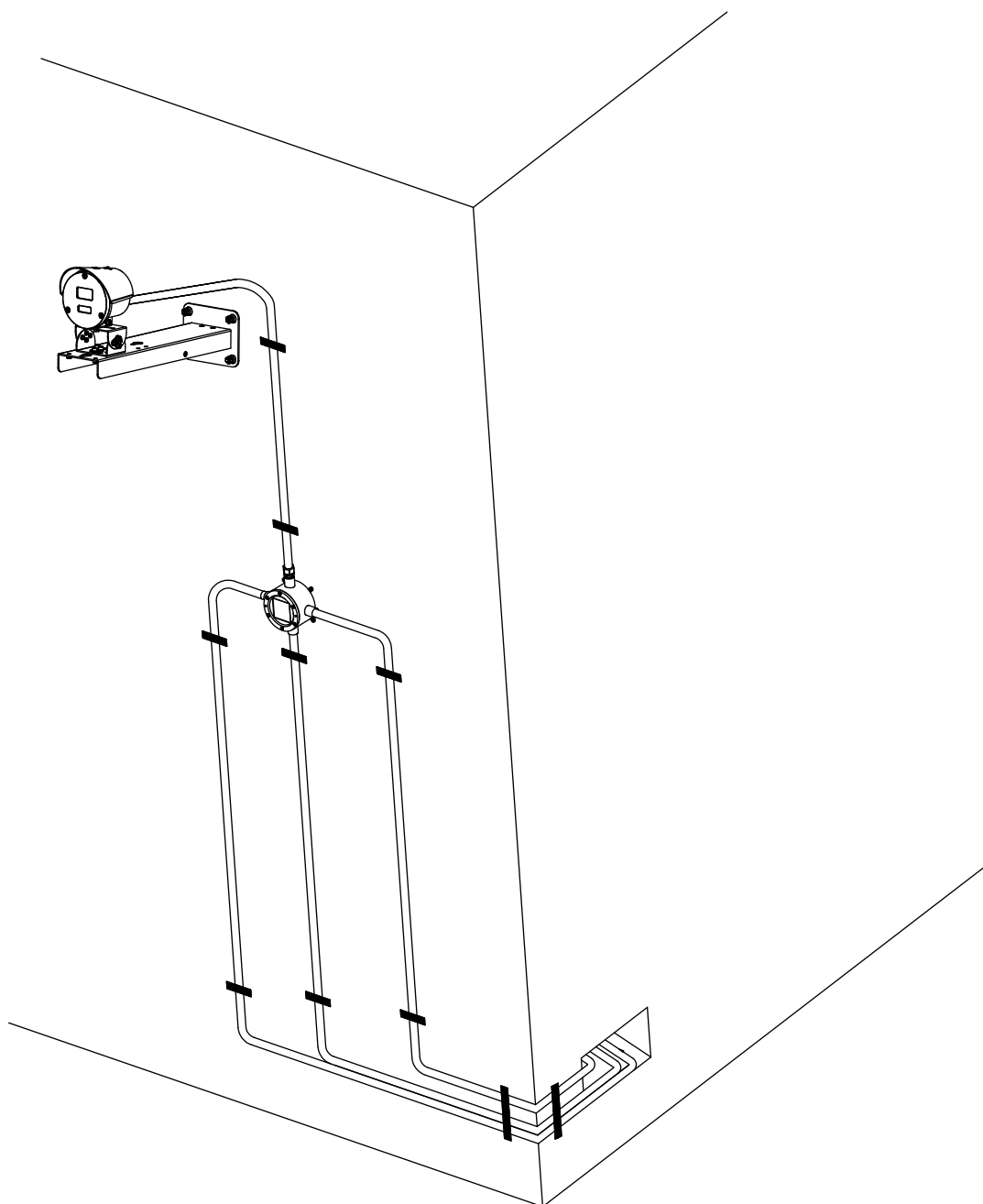
E



F



G





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

Before you start:

- Make sure the device in the package is in good condition and all the assembly parts are included.
- Please make sure your power supply matches with your camera. Refer to the product specification for the standard power supply.
- Make sure all the related equipment is power-off during the installation.
- Check the specification of the products for the installation environment.
- Make sure that the wall is strong enough to withstand four times the weight of the camera and the bracket.

Activate and Access Network Camera (Page 1 – A)

Camera Appearance (Page 1 – B)

1. Cable glands with clamping by filling compound
2. Thread entry hole

Inlet thread specification is M25x1.5.

Interface and Parts Description (Page 1 – C)

Note:

The interface varies with the models. Please refer to the product datasheet for details.

- ① Power input interface
- ② Audio and alarm interface
- ③ Network interface

Wall Mounting (Page 2– D)

Pendant Mounting (Page 3– E)

Explosion-proof Flexible Conduit Installation (Page 4 – F)

Wiring Schematic (Page 4– G)

About this Document

- This Document includes instructions for using and managing the Product. Pictures, charts, images and all other information hereinafter are for description and explanation only.
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EU Compliance Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the Directive 2014/30/EU (EMCD), Directive 2011/65/EU (RoHS), the ATEX Directive 2014/34/EU.

Note: The products with the input voltage of within 50 to 1000 VAC or 75 to 1500 VDC comply with Directive 2014/35/EU (LVD), and the rest products comply with Directive 2001/95/EC (GPSD). Please check the specific power supply information for reference. The full text of the EU declaration of conformity is available at the following internet address:

<https://www.hikvision.com/en/support/compliance/declaration-of-conformity>.



Directive 2012/19/EU (WEEE Directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.



According to the Waste Electrical and Electronic Equipment Regulations 2013: Products marked with this symbol cannot be disposed of as unsorted municipal waste in the United Kingdom. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.



Regulation (EU) 2023/1542(Battery Regulation): This product contains a battery and it is in conformity with the Regulation (EU) 2023/1542. The battery cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), or lead (Pb). For proper recycling, return the battery to your supplier or to a

designated collection point. For more information see: www.recyclethis.info.

According to the Batteries and Accumulators (Placing on the Market) Regulations 2008 and the Waste Batteries and Accumulators Regulations 2009: This product contains a battery that cannot be disposed of as unsorted municipal waste in the United Kingdom. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated collection point. For more information see: www.recyclethis.info.

Intended Use of the Camera

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

IECEx: Ex db IIC T6 Gb / Ex tb III C 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 IEC 60079-0:2018
IEC 60079-1:2014	EN 60079-1:2014
IEC 60079-31:2022	EN 60079-31:2014

Note:

For type DS-2XE60*6G*-LIS* series, cable gland is tested with the camera as an inseparable part of the enclosure of the complete equipment.

Nameplate:

- Unarmored

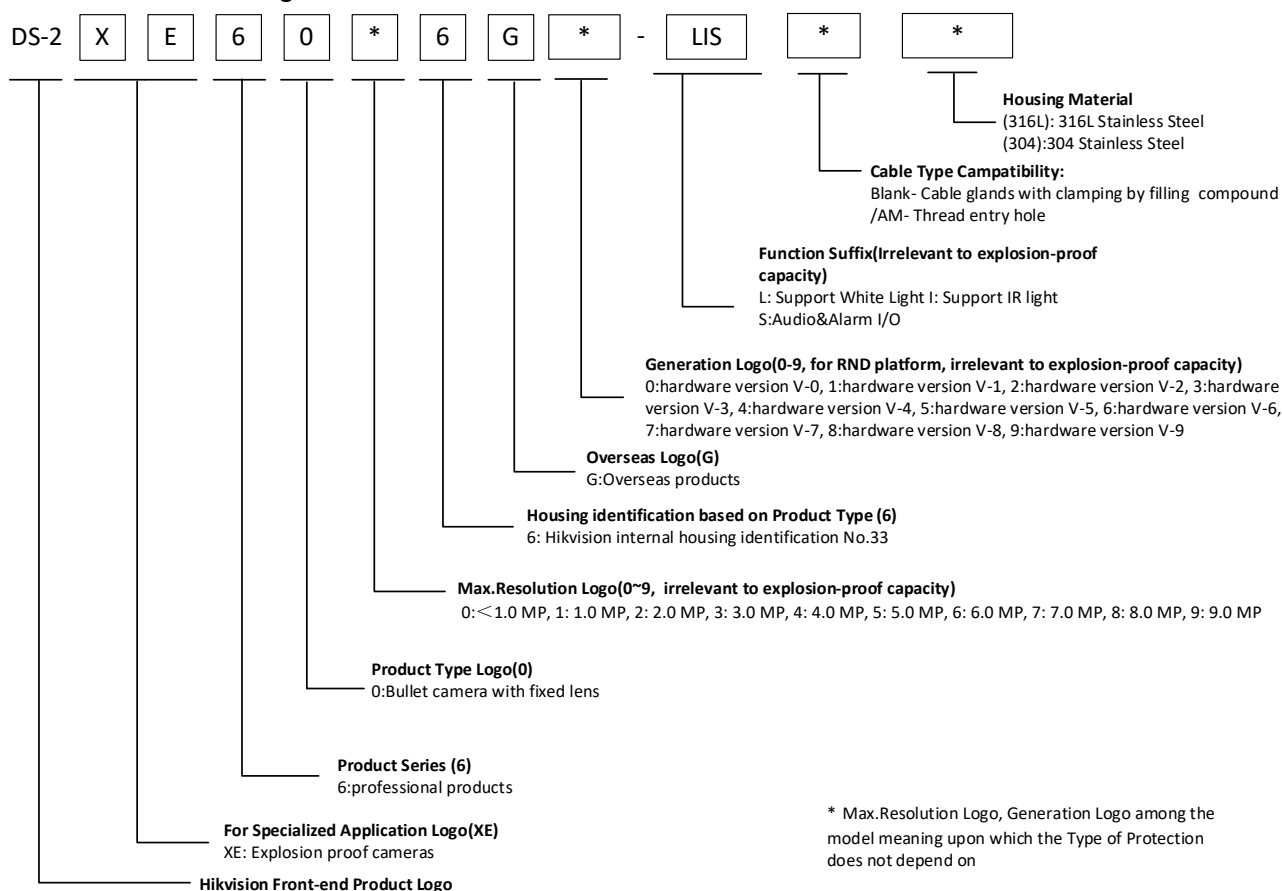
Explosion-proof Network Camera		WARNING-DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT -POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS CAUTION-USE FASTENERS WITH YIELD STRESS ≥450MPa
Product Model: Protection Level:IP66/IP68(2m,2h) Ambient temperature:-30℃≤Ta≤+60℃ Working Voltage:DC12V/POE(DC36-57V) Rated Power :7.5W Product No.: Date of Production:		
ExVeritas 25ATEX2265X II 2 G Ex db IIC T6 Gb II 2 D Ex tb IIIC T80℃ Db IECEX EXV 25.0068X Ex db IIC T6 Gb Ex tb IIIC T80℃ Db		
Hangzhou Hikvision Digital Technology Co., Ltd. No.555 Qianmo Road, Binjiang District, Hangzhou, China		
Working Voltage: DC12V/PoE (DC36 to 57V); Rated Power: 7.5 W		

● Armored

Explosion-proof Network Camera		WARNING-DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT -POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS CAUTION-USE FASTENERS WITH YIELD STRESS ≥450MPa INLET THREAD SPECIFICATION IS M25×1.5
Product Model: Protection Level:IP66/IP68(2m,2h) Ambient temperature:-30℃≤Ta≤+60℃ Working Voltage:DC12V/POE(DC36-57V) Rated Power :7.5W Product No.: _____ Date of Production: _____		
ExVeritas 25ATEX2265X	IECEX EXV 25.0068X	
 II 2 G Ex db IIC T6 Gb	Ex db IIC T6 Gb  0035	
 II 2 D Ex tb III C T80℃ Db	Ex tb III C T80℃ Db	
Hangzhou Hikvision Digital Technology Co., Ltd. No.555 Qianmo Road, Binjiang District, Hangzhou, China		

Working Voltage: DC12V/PoE (DC36 to 57V): Rated Power: 7.5 W

Explanation of Model Naming:



Special Conditions for Safe Use:

1. The flameproof joint cannot be repaired.
2. Use fasteners with yield stress ≥450MPa.
3. The fasteners can only be replaced with identical ones.
4. The equipment must not be used in areas affected by charge-producing processes, mechanical friction and separation processes, electron emissions (e.g. in the vicinity of electrostatic coating equipment), and pneumatically conveyed dust to avoid electrostatic.
5. The external cable connections shall be protected by a type of Ex protection, and the installation shall comply with requirements of IEC 60079-14.
6. For type DS-2XE60*6G*-LIS/AM* series, the entry shall be equipped with Ex certified cable glands with a compatible mode of protection for the intended use.
7. To reduce the risk of ignition due to electrostatic discharge, avoid contact with the sun shield while an explosive atmosphere is present. Clean only with a damp cloth.

Mechanical Specification:

- Material: SUS316L with anti-corrosion coating or SUS304 stainless steel

Note:

Material depends on the model. Please refer to the product datasheet for details.

Working Environment:

- Altitude (Above sea level): Within 2000 m
- Atmospheric pressure: 86 to 110 KPa
- Humidity: Within 95%
- Temperature: -30 °C to 60 °C

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.

Tightening Torque Specification:

- Cable compression nut: 36 N·m
- Explosion-proof screw (M6): 10 N·m

Grounding Instruction:

- The internal grounding should be connected to an M4 × 10 carbon steel screw inside the device housing. The equipotential bonding component shall be effectively connected using a conductor with a cross-sectional area of no less than 4 mm².
- Internal Grounding Screw: M4 × 10, carbon steel.
- External Grounding Screw: M6 × 12 (with flat washer and spring washer), SUS316L.

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-003 (B)/NMB-003 (B) standards requirements.

Cet appareil répond aux exigences des normes CAN ICES-003 (B)/NMB-003 (B).

KC

B급 기기: 이 기기는 가정용(B급) 전자파적합기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

Safety Information

Please read all the safety information carefully before using.

- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- 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.
- Set up device time manually for the first time access if the local time is not synchronized with that of the network. Visit the device via Web browse/client software and go to time settings interface.
- Device powered by Safety Extra-Low Voltage (SELV): The power source should meet limited power source or PS2 requirements according to IEC 60950-1 or IEC 62368-1 standard.
- For the device powered on and off only by power plug and socket-outlet, the socket-outlet shall be installed near the device and easily accessible.
- This equipment shall be installed incorporated with UPS to avoid the risk of restart.
- Use the power adapter that can work normally at an altitude over 2000 meters above sea level.
- 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.

- For the device with sticker  or , pay attention to the following cautions:

CAUTION: Hot parts! Do not touch. Burned fingers when handling the parts. Wait one-half hour after switching off before handling the parts.

This sticker is to indicate that the marked item can be hot and should not be touched without taking care. For device with this sticker, this device is intended for installation in a restricted access location, access can only be gained by service persons or by users who have been instructed about the reasons for the restrictions applied to the location and about any precautions that shall be taken.

- Do not install devices for professional use in locations where children are likely to appear.
- If the device installation is needed, install the device according to the instructions in Quick Start Guide. To prevent injury, this device must be securely attached to the installation surface in accordance with the installation instructions.
- For the device with supplement light (refer to datasheet for details):
Possibly hazardous optical radiation emitted from this product.
DO NOT stare at operating light source. May be harmful to the eyes.

Wear appropriate eye protection or DO NOT turn on the light when you assemble, install or maintain the camera.

- For the battery with + and - signs, + identifies the positive terminals of the device which is used with or generates direct current, and - identifies the negative terminals of the device which is used with or generates direct current.
- Do not touch the bare components (such as the metal contacts of the inlets) and wait for at least 5 minutes, since electricity may still exist after the device is powered off.
- No naked flame sources, such as lighted candles, should be placed on the device.
- Never place the device in an unstable location. The device may fall, causing serious personal injury or death.
- If the device is not released with a power adapter, and you need to wire the bare cables of the device:
The device external wiring connected to the hazardous live terminals requires installation by an instructed person.
Make sure that the power has been disconnected before you wire, install, or disassemble the device.
The power supply or device must be connected to an earthed mains socket-outlet.
High voltage for the power supply. Do not disassemble it.
If smoke, odor, or noise arises from the power supply or device, immediately turn off the power, unplug the power cable, and contact the service center.
If the device needs to be wired by yourself, select the corresponding wire to supply power according to the electric parameters labeled on the device. Strip off wire with a standard wire stripper at corresponding position. To avoid serious consequences, the length of stripped wire shall be appropriate, and conductors shall not be exposed.

For the device with supplement light

- The supplement light source of the camera is classified as Risk Group 1 (RG1). The minimum safety distance is approximately 0.3 m away from the device.
- Possibly hazardous optical radiation emitted from this product. DO NOT stare at operating light source. May be harmful to the eyes. Wear appropriate eye protection or DO NOT turn on the light when you assemble, install or maintain the camera.



See Far, Go Further

UD42720B