



# DS-2XE Series Explosion-Proof

## Bullet Network Camera

## Quick Start Guide

### Model List

DS-2XE6025G0-I

DS-2XE6025G0-IS

DS-2XE6025G0-IM

DS-2XE6045G0-I

DS-2XE6045G0-IS

DS-2XE6045G0-IM

## 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.
- The information contained in the Document is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version of the Document at the Hikvision website (<https://www.hikvision.com>). Unless otherwise agreed, Hangzhou Hikvision Digital Technology Co., Ltd. or its affiliates (hereinafter referred to as "Hikvision") makes no warranties, express or implied.
- Please use the Document with the guidance and assistance of professionals trained in supporting the Product.

## About this Product

This product can only enjoy the after-sales service support in the country or region where the purchase is made.

## Acknowledgment of Intellectual Property Rights

- Hikvision owns the copyrights and/or patents related to the technology embodied in the Products described in this Document, which may include licenses obtained from third parties.
- Any part of the Document, including text, pictures, graphics, etc., belongs to Hikvision. No part of this Document may be excerpted, copied, translated, or modified in whole or in part by any means without written permission.
- **HIKVISION** and other Hikvision's trademarks and logos are the properties of Hikvision in various jurisdictions.
- Other trademarks and logos mentioned are the properties of their respective owners.

## LEGAL DISCLAIMER

- TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, THIS DOCUMENT AND THE PRODUCT DESCRIBED, WITH ITS HARDWARE, SOFTWARE AND FIRMWARE, ARE PROVIDED "AS IS" AND "WITH ALL FAULTS AND ERRORS". HIKVISION MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY, SATISFACTORY QUALITY, OR FITNESS FOR A PARTICULAR PURPOSE. THE USE OF THE PRODUCT BY YOU IS AT YOUR OWN RISK. IN NO EVENT WILL HIKVISION BE LIABLE TO YOU FOR ANY SPECIAL, CONSEQUENTIAL, INCIDENTAL, OR INDIRECT DAMAGES, INCLUDING, AMONG OTHERS, DAMAGES FOR LOSS OF BUSINESS PROFITS, BUSINESS INTERRUPTION, OR LOSS OF DATA, CORRUPTION OF SYSTEMS, OR LOSS OF DOCUMENTATION, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), PRODUCT LIABILITY, OR OTHERWISE, IN CONNECTION WITH THE USE OF THE PRODUCT, EVEN IF HIKVISION HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR LOSS.

- YOU ACKNOWLEDGE THAT THE NATURE OF THE INTERNET PROVIDES FOR INHERENT SECURITY RISKS, AND HIKVISION SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER-ATTACK, HACKER ATTACK, VIRUS INFECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, HIKVISION WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED.
- YOU AGREE TO USE THIS PRODUCT IN COMPLIANCE WITH ALL APPLICABLE LAWS, AND YOU ARE SOLELY RESPONSIBLE FOR ENSURING THAT YOUR USE CONFORMS TO THE APPLICABLE LAW. ESPECIALLY, YOU ARE RESPONSIBLE, FOR USING THIS PRODUCT IN A MANNER THAT DOES NOT INFRINGE ON THE RIGHTS OF THIRD PARTIES, INCLUDING WITHOUT LIMITATION, RIGHTS OF PUBLICITY, INTELLECTUAL PROPERTY RIGHTS, OR DATA PROTECTION AND OTHER PRIVACY RIGHTS. YOU SHALL NOT USE THIS PRODUCT FOR ANY PROHIBITED END-USAGES, INCLUDING THE DEVELOPMENT OR PRODUCTION OF WEAPONS OF MASS DESTRUCTION, THE DEVELOPMENT OR PRODUCTION OF CHEMICAL OR BIOLOGICAL WEAPONS, ANY ACTIVITIES IN THE CONTEXT RELATED TO ANY NUCLEAR EXPLOSIVE OR UNSAFE NUCLEAR FUEL-CYCLE, OR IN SUPPORT OF HUMAN RIGHTS ABUSES.
- IN THE EVENT OF ANY CONFLICTS BETWEEN THIS DOCUMENT AND THE APPLICABLE LAW, THE LATTER PREVAILS.

## **Regulatory Information**

**These clauses apply only to the products bearing the corresponding mark or information.**

### **FCC Information**

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC compliance:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

—Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help

### FCC conditions

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

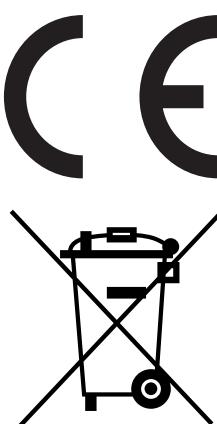
### EU Conformity Statement



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 EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU, the Directive 2014/34/EU.



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](http://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](http://www.recyclethis.info).

### Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.



# Safety Instruction

These instructions are intended to ensure that the user can use the product correctly to avoid danger or property loss.

## Laws and Regulations

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

## Transportation

Keep the device in original or similar packaging while transporting it.

## Power Supply

The input voltage should conform to IEC60950-1 standard: SELV (Safety Extra Low Voltage) and the Limited Power Source. Refer to the appropriate documentation for detailed information.

DO NOT connect multiple devices to one power adapter, to avoid over-heating or fire hazards caused by overload.

Make sure the plug is properly connected to the power socket.

## System Security

The installer and user are responsible for password and security configuration and its settings.

## Battery

Improper use or replacement of the battery may result in explosion hazard. Replace with the same or equivalent type only. Dispose of used batteries in conformance with the local codes.

## 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.

## Cleaning

Please use a soft and dry cloth when clean inside and outside surfaces of the product cover. Do not use alkaline detergents.

## 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 expose the device to high electromagnetic radiation or dusty environments.

For indoor-only device, place it in a dry and well-ventilated environment.

Do not aim the lens at the sun or any other bright light.

Make sure the running environment meets the requirement of the device. The operating temperature shall be -30 °C to 60 °C (-22 °F to 140 °F), and the operating humidity shall be 95% or less (no condensing).

Do not place the camera in extremely hot, cold, dusty or damp locations, and do not expose it 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.

## Time Synchronization

Set up camera time manually for the first time access if the local time is not synchronized with that of the network. Visit the camera via Web browse/client software and go to time settings interface.

## Installation

Make sure the device is firmly secured to any wall or ceiling mountings.

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

Make sure that the device in the package is in good condition and all the assembly parts are included.

Make sure that the wall is strong enough to withstand at least 4 times the weight of the camera and the mount.

The standard power supply is 24 VDC, please make sure your power supply matches with your camera.

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

Make sure that no reflective surface is too close to the camera lens. The IR light from the camera may reflect back into the lens causing reflection.



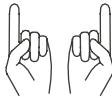
For device with this sticker, this device is intended for installation in a restricted access location, access can only be gained by service persons or by users who have been instructed about the reasons for the restrictions applied to the location and about any precautions that shall be taken.

## Grounding

The both internal and external grounding shall be connected reliably.

Ground wire cross-sectional area of not less than the phase connector cross-sectional area level, at least 4 mm<sup>2</sup>.

## Symbols and Marks

	Notice
	Warning
	Forbidden
	Correct
	Incorrect
	Turn to page A and continue.
	<ul style="list-style-type: none"><li>i. Not necessarily included accessory.</li><li>ii. Variable accessory amount.</li><li>iii. Skip this step if not required.</li></ul>
	MicroSD card
	Functional Grounding
	Disposal
	Purchase separately
	Other situations

	Other situations omitted
	Waterproof
	Grounding
	Skip this step if not necessary

## Intended use of the camera

**ATEX:** Ex II 2 G Ex db IIC T6 Gb

Ex II 2 D Ex tb IIIC T80°C Db

II: Device group, II refers to the gas or dust in non-mining environment

2: Device usage classification (Zone 1, 21)

G: Gas environment

D: Dust environment

Ex: Explosion-proof sign

db: Flameproof enclosures "d", EPL"Gb";

db/tb: Dust-Protection by enclosure "t"; EPL"Db";

IIC: Classification sign, typical gases are hydrogen and acetylene.

IIIC: Classification sign, conductive dust.

T80°C: for dust environment, maximum surface temperature

T6: Temperature group for gas environment, maximum surface temperature is 85°C

Gb/Db: Protection level of the device

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

Ex: Explosion-proof sign

db/tb: Protection by enclosure

IIC: Classification sign, the hydrogen in gas environment

IIIC: Classification sign, conductive dust in dust environment

T80°C: Maximum surface temperature

T6: Temperature group, maximum surface temperature is 85°C

Gb/Db: Protection level of the device

## Hazardous Area Classification:

Zone 1, Zone 2, Zone 21, Zone 22.

## Ex Standards:

IEC 60079-0:2017	EN IEC 60079-0:2018
IEC 60079-1: 2014	EN IEC 60079-1:2014
IEC 60079-31:2013	EN 60079-31:2014

## Special Conditions for Safe Use:

1. Under certain extreme dust circumstances, the coating film on the enclosure of this equipment may generate an ignition-capable level of electrostatic charge. Therefore the equipment shall not be installed in a location where the external conditions are conducive to the build-up of electrostatic charge on such surfaces. In addition, the equipment shall only be cleaned with a damp cloth.
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 IEC 60079-14.

## Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (B)/NMB-3(B) standards requirements.

## Warning:

1. This is a class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.
2. The cables cannot be exposed to the explosion-hazardous environment.
3. The connections of the cables must be placed in non-explosive areas or the explosion-proof junction box that can be used in explosive environment.

## Overview

Explosion-proof network camera is a video security product capable of smart encoding and network transmitting. It adopts an embedded system and a high-performed hardware process platform to achieve good stability and reliability.

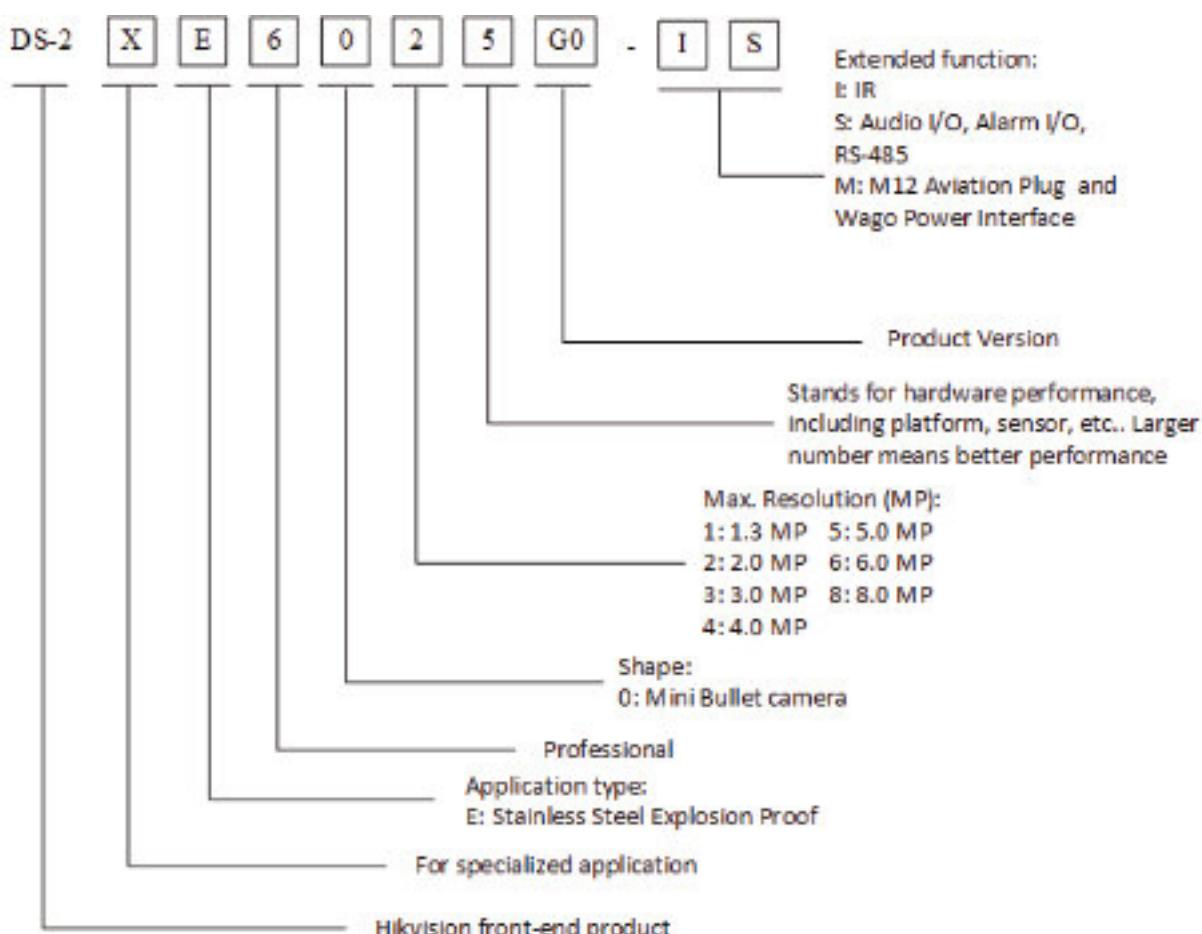
You can visit and configure your camera via web browser and client software.

Explosion-proof network camera adopts a stainless steel enclosure.

**Application Scenarios:** bus, car or other vehicles, etc.

With -I model camera has LEDs and supports IR function, so it must follow the requirements of IEC 60079-28: 2015 and EN 60079-28: 2015.

## Explanation of model naming:



**Nameplate:****Explosion-Proof Network Bullet Camera****Product Model:**

Protection Level: IP68(2m/2h) Temperature:-30°C ~ +60°C

Working Voltage:DC24V

Working Current: ≤1000mA

Product No.:

Date of Production:

TÜV 24 ATEX 9174 X

IECEx TUR 24.0054X

Ex II 2 G Ex db IIC T6 Gb

Ex db IIC T6 Gb

CE 0035

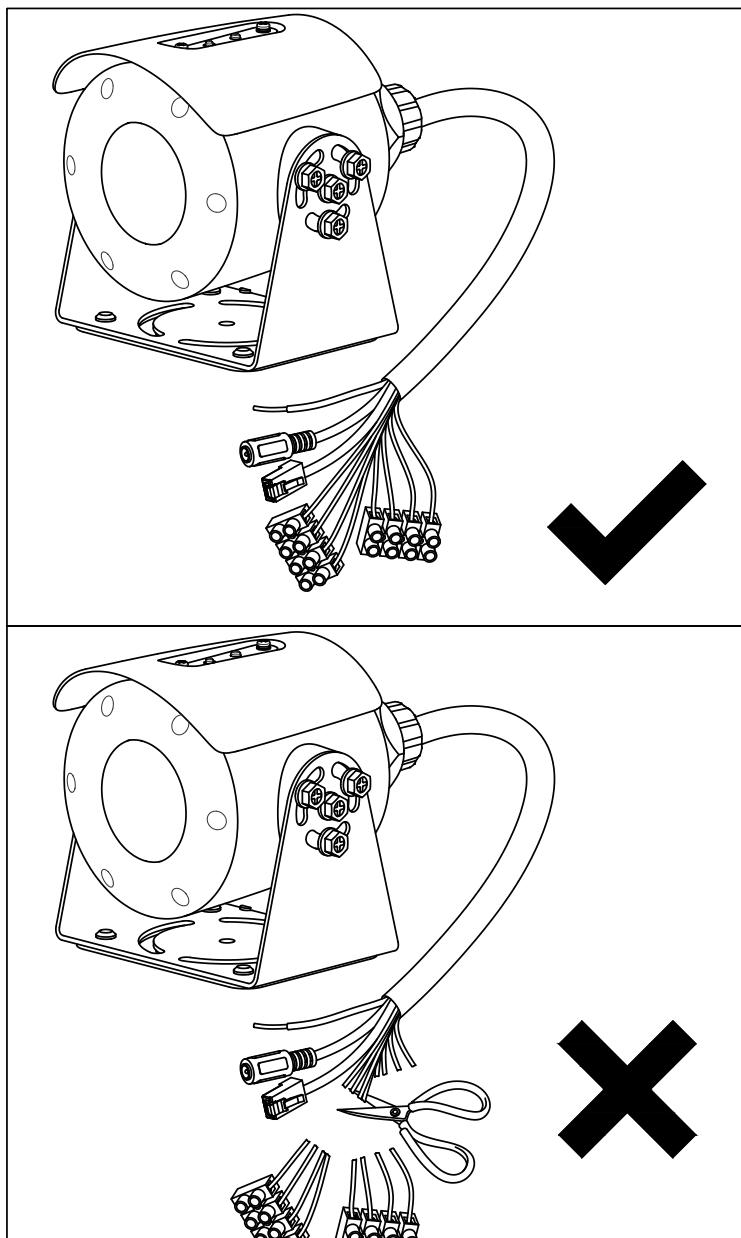
Ex II 2 D Ex tb IIIIC T80°C Db

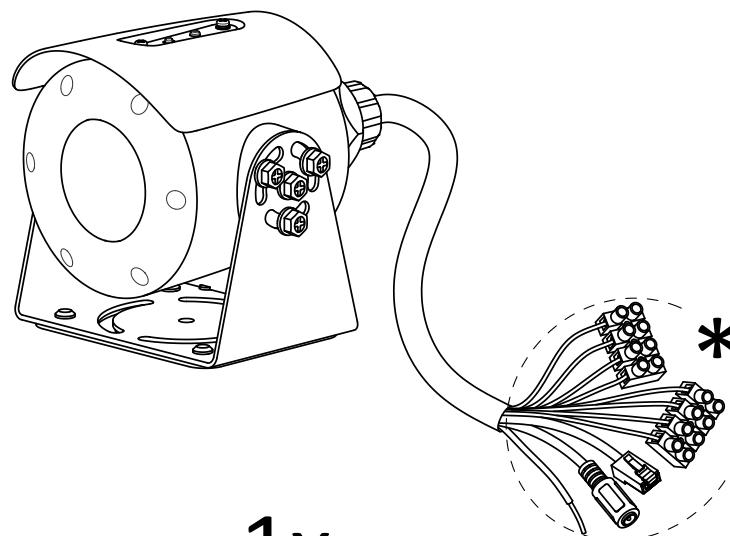
Ex tb IIIIC T80°C Db

Hangzhou Hikvision Digital Technology Co., Ltd.

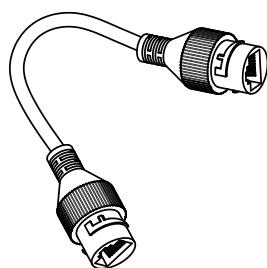
No.555 Qianmo Road, Binjiang District, Hangzhou , China

**WARNING: DO NOT OPEN WHEN ENERGIZED**

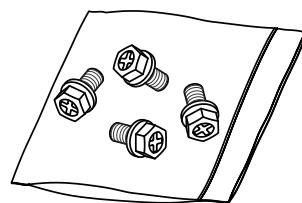




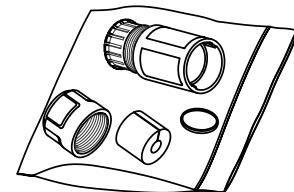
1x



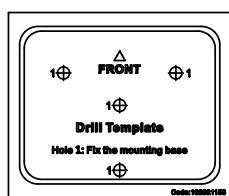
1x\*



1x



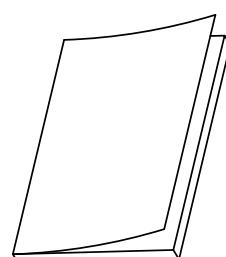
2x\*



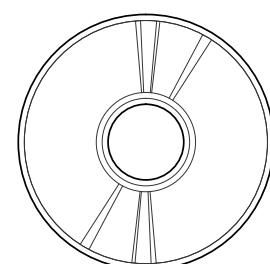
1x



6x\*

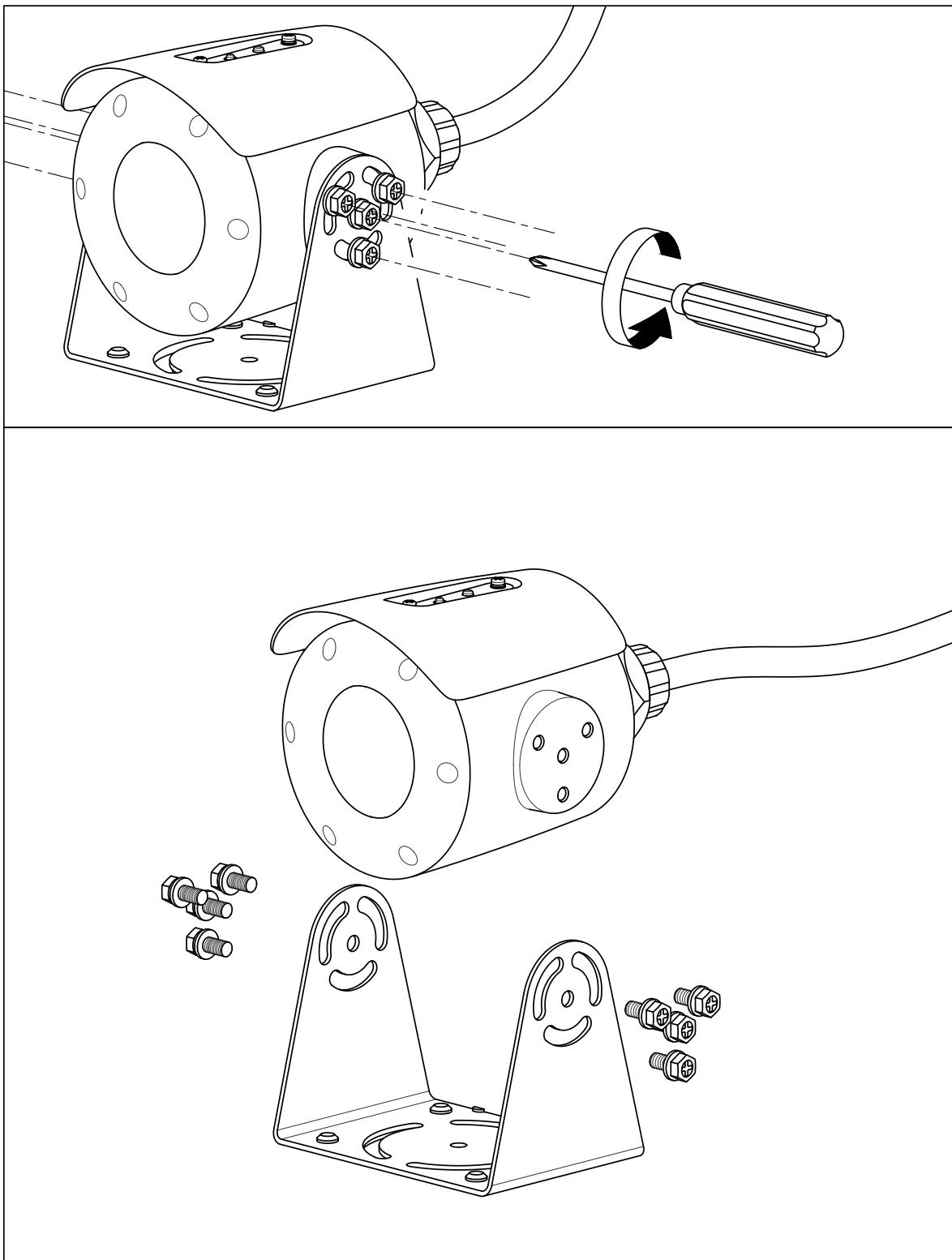


2x\*

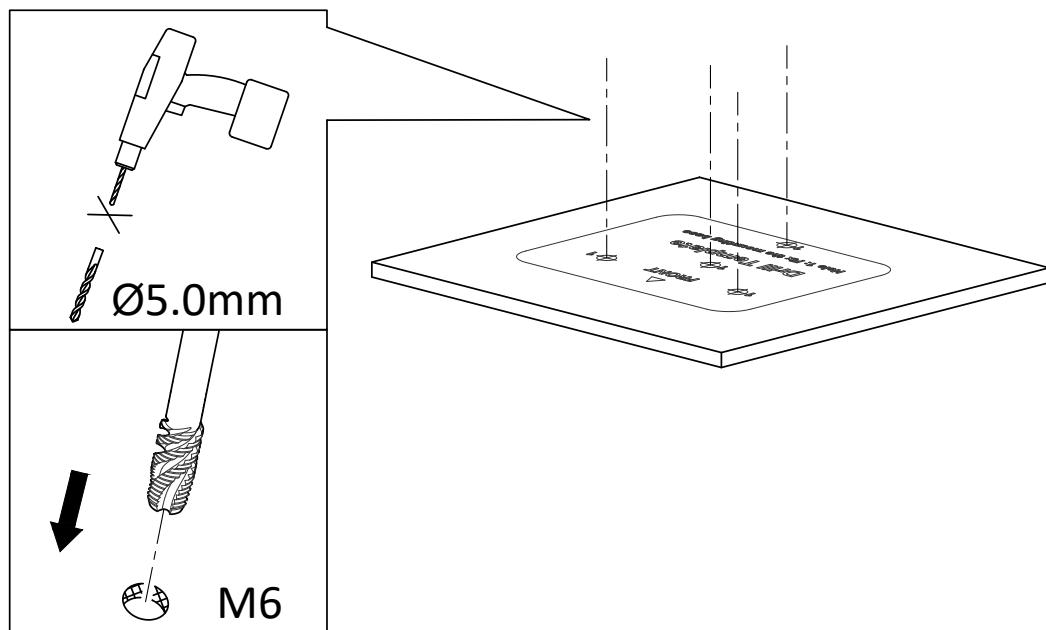


1x\*

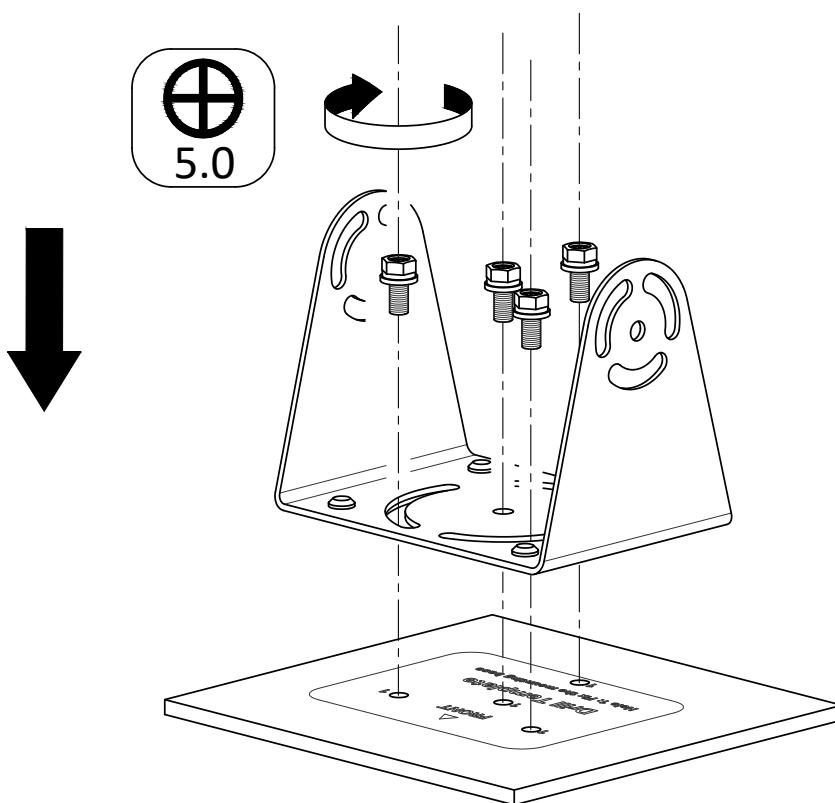
## 1.1



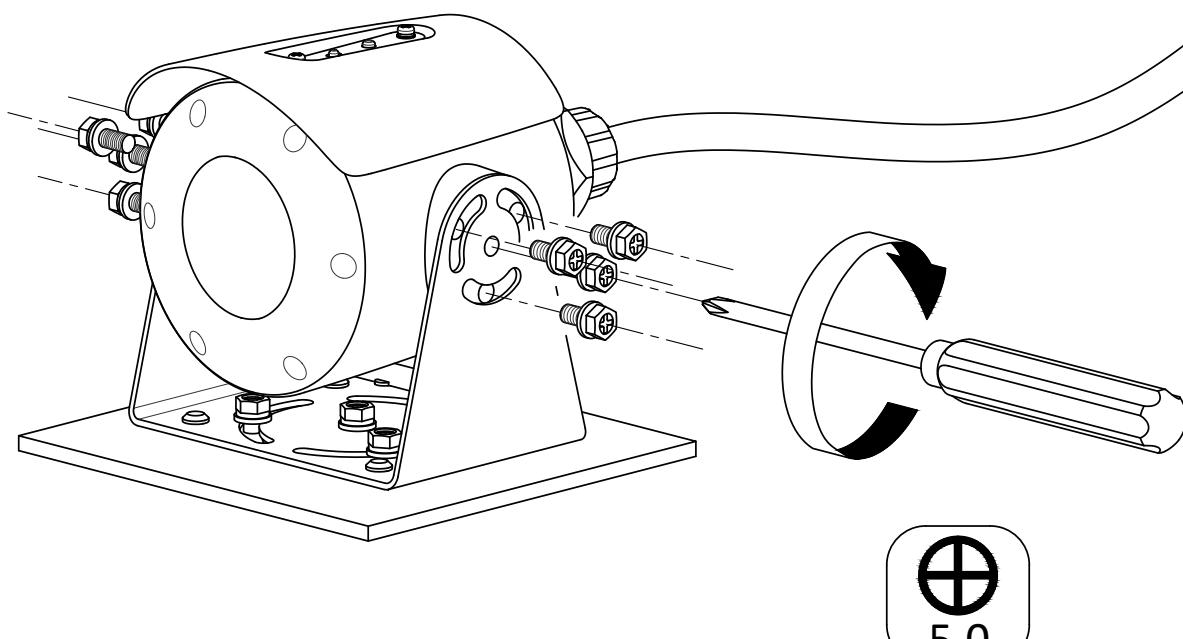
## 1.2



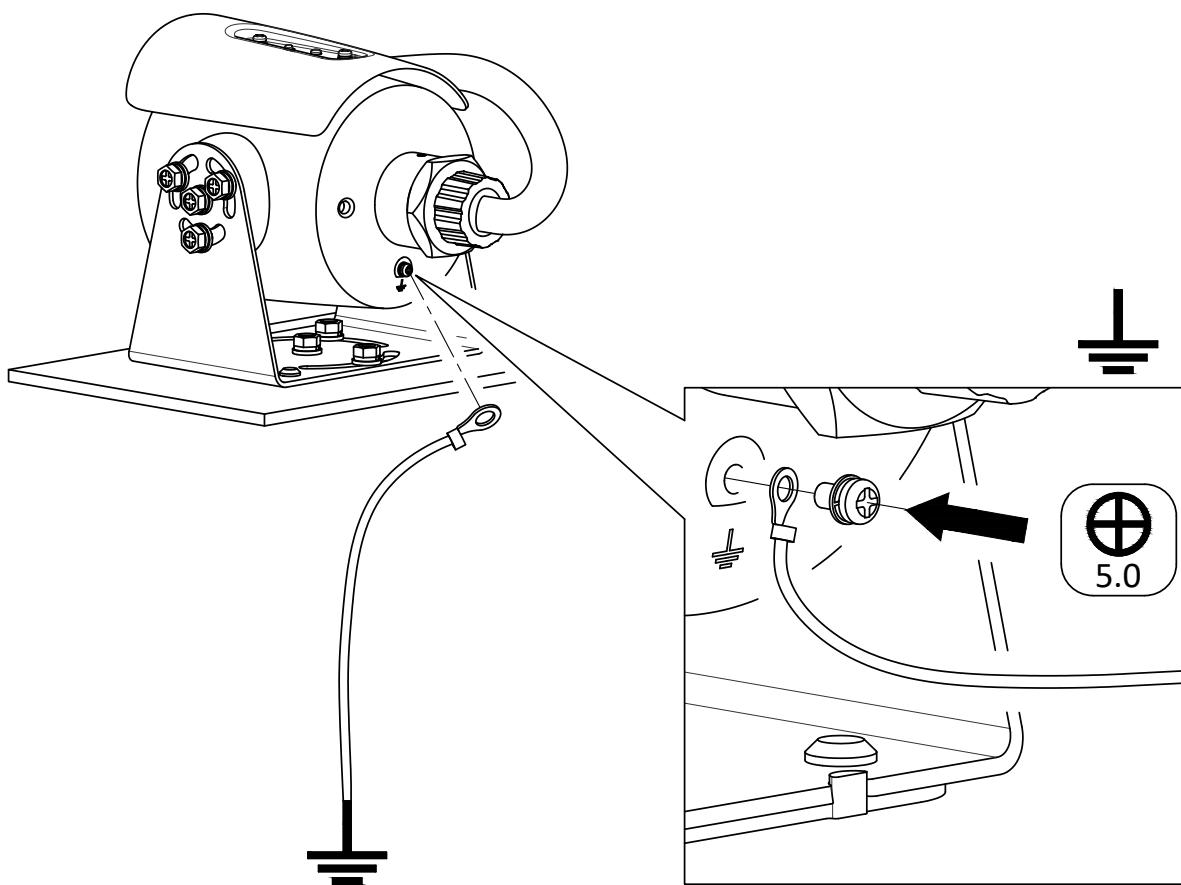
## 1.3



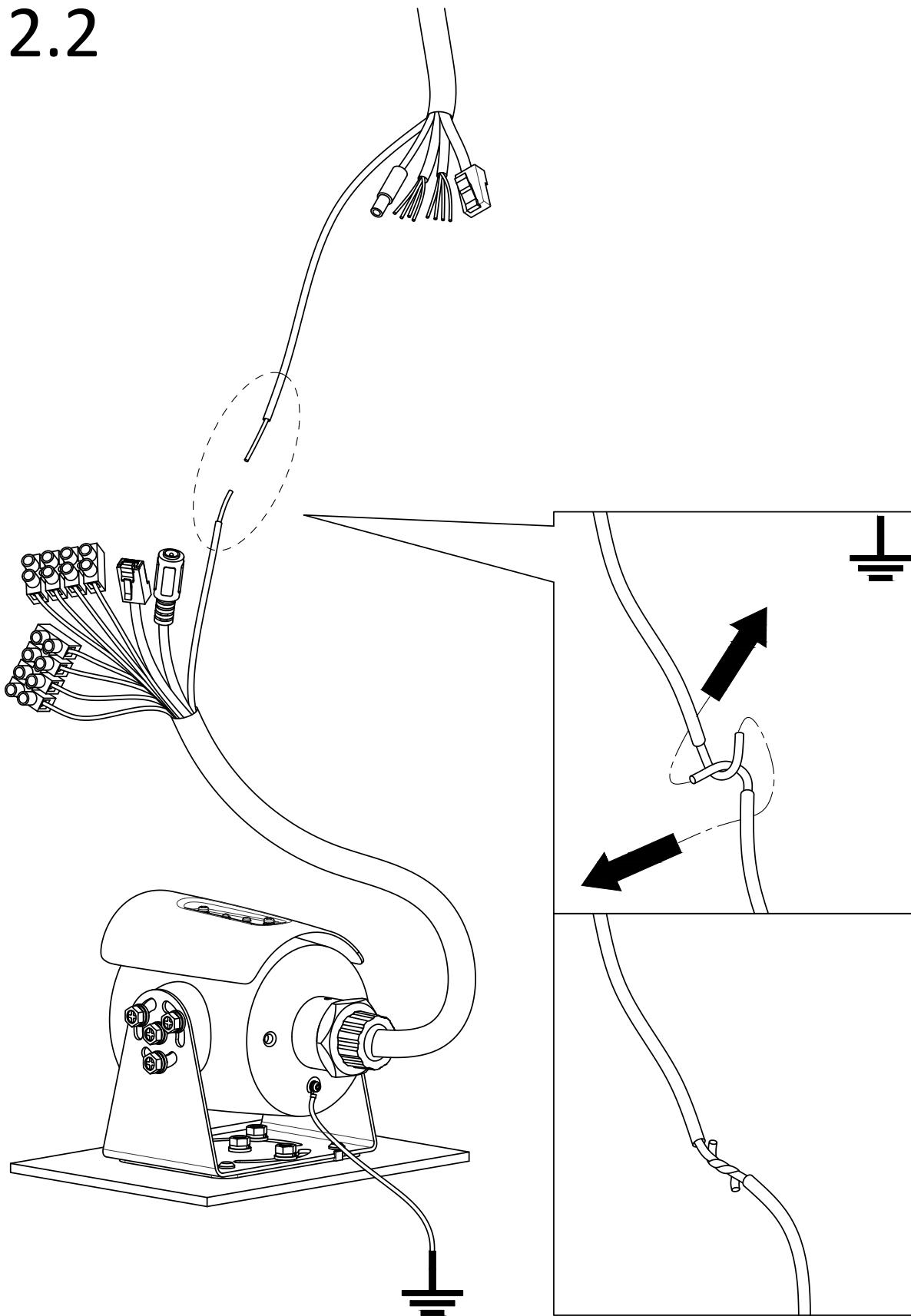
## 1.4



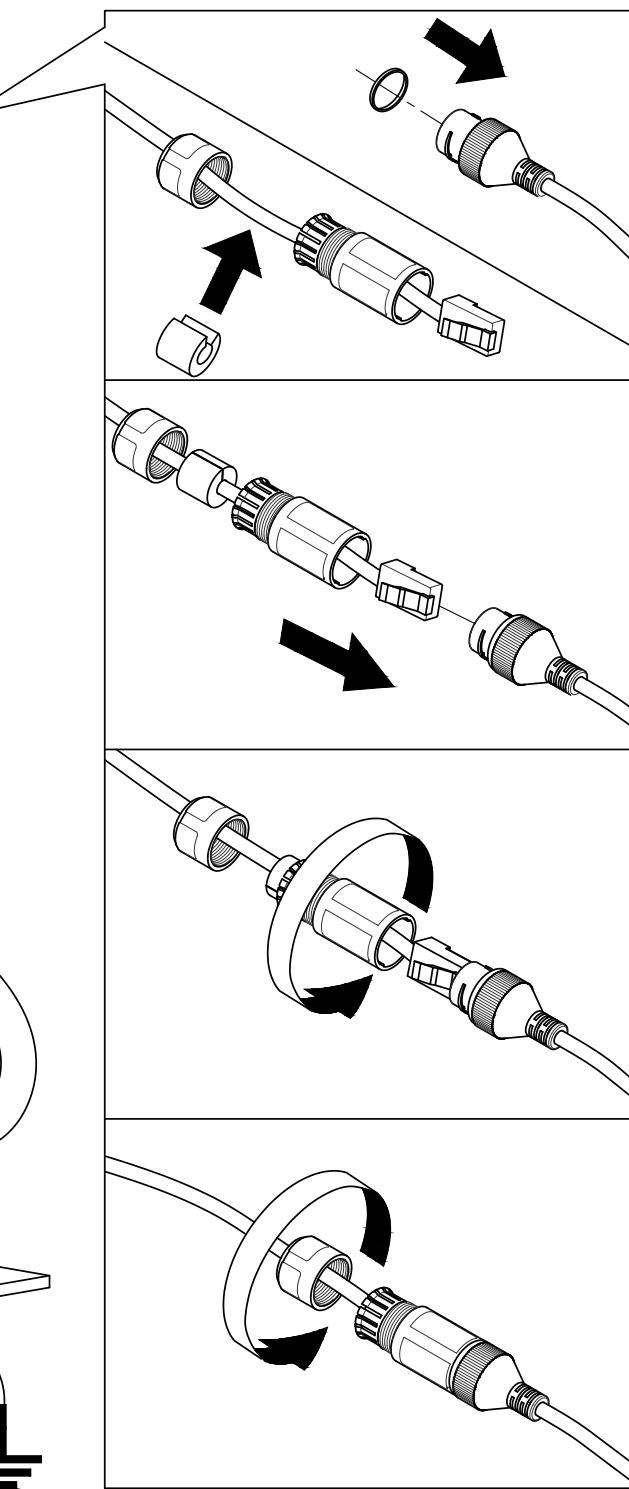
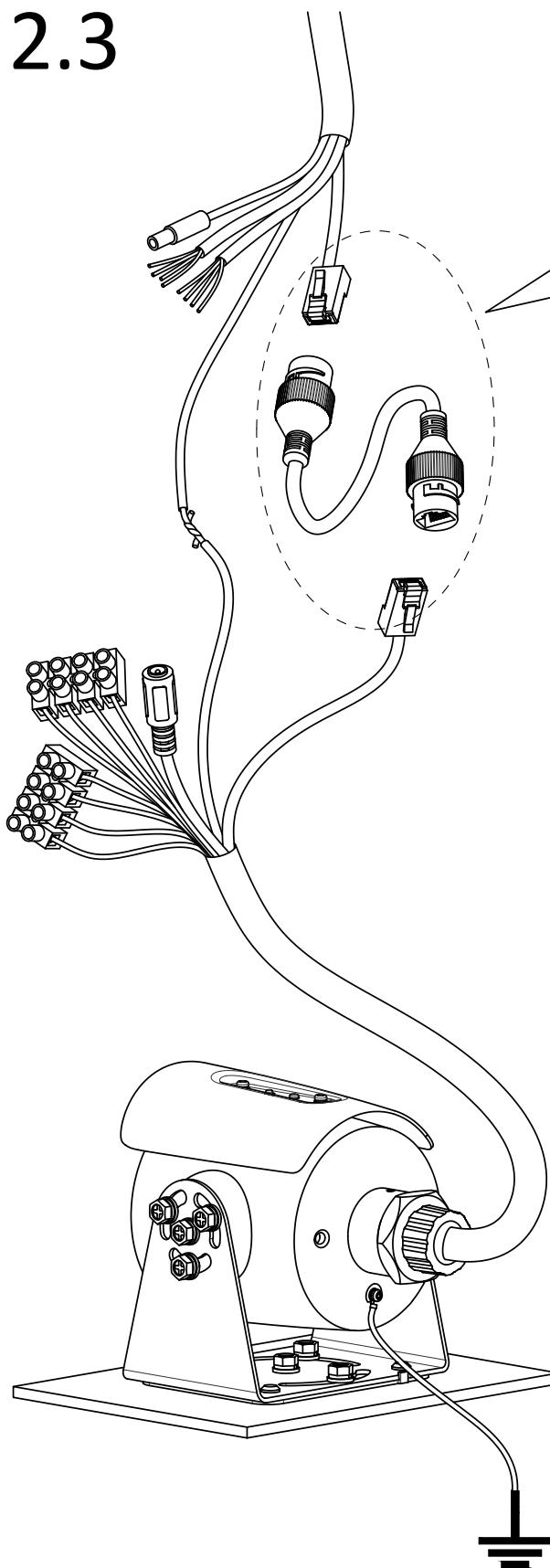
## 2.1

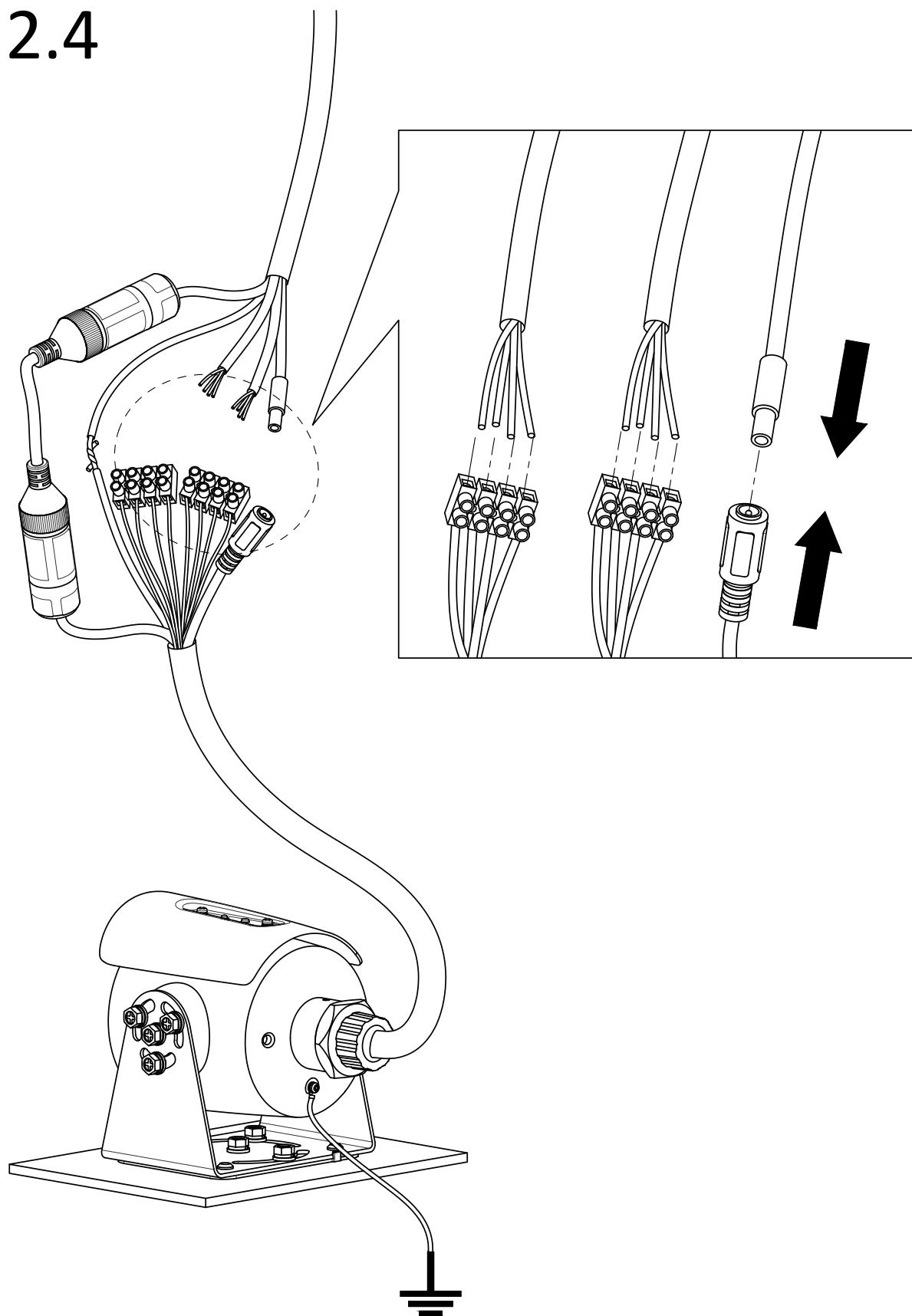


## 2.2

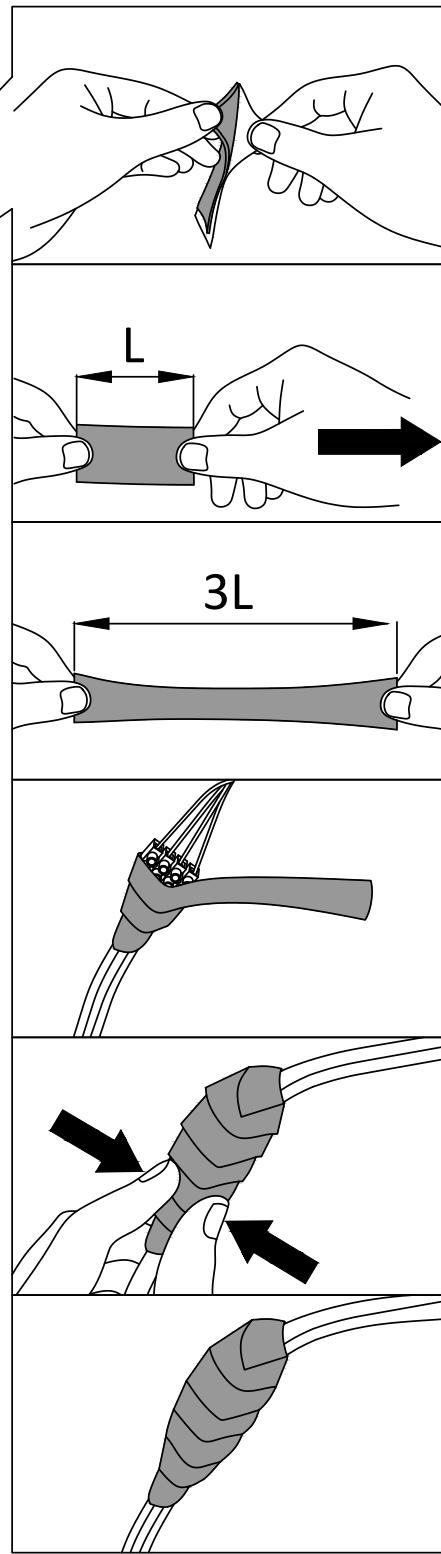
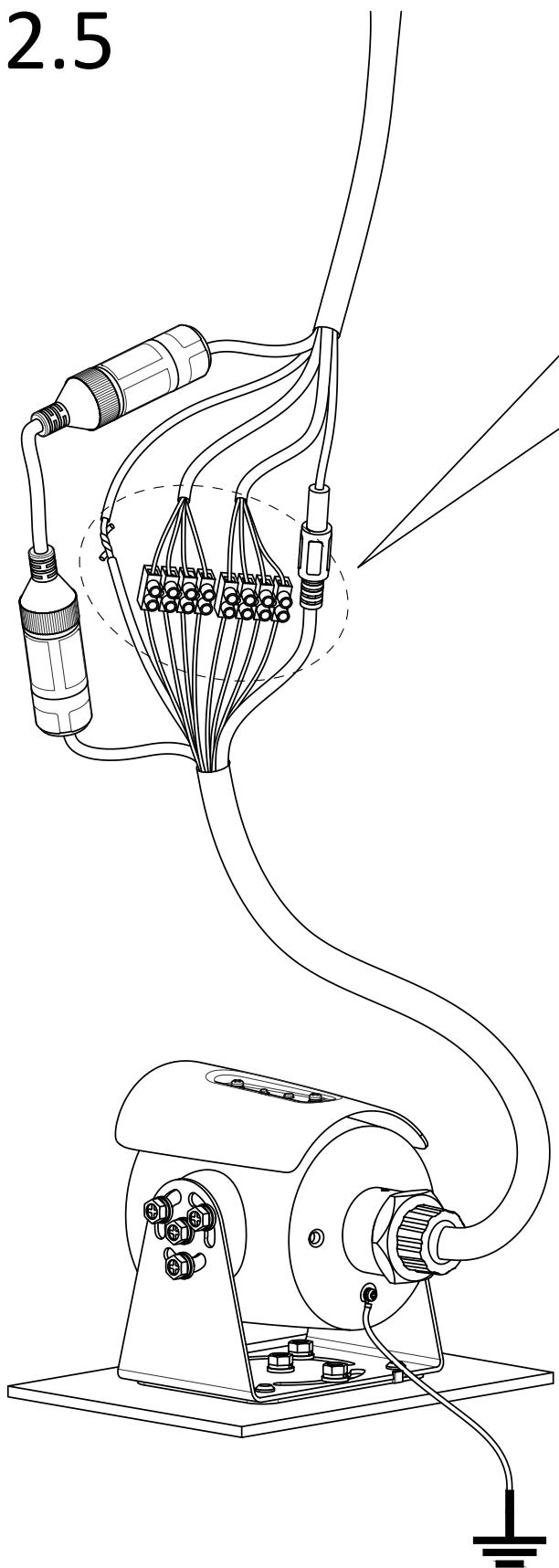


## 2.3

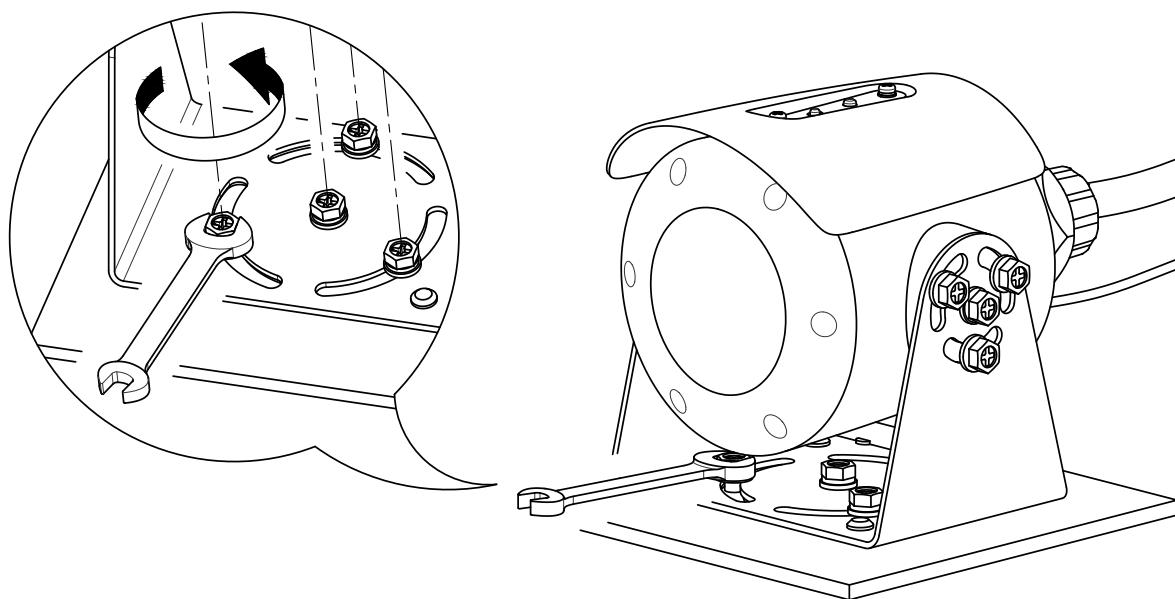
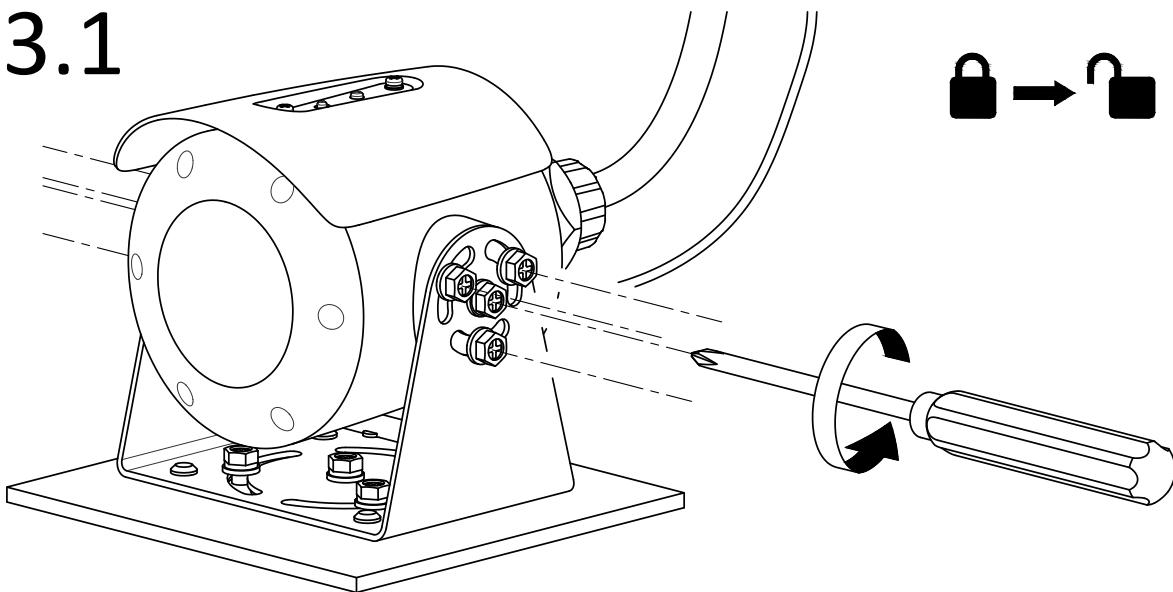


**2.4**

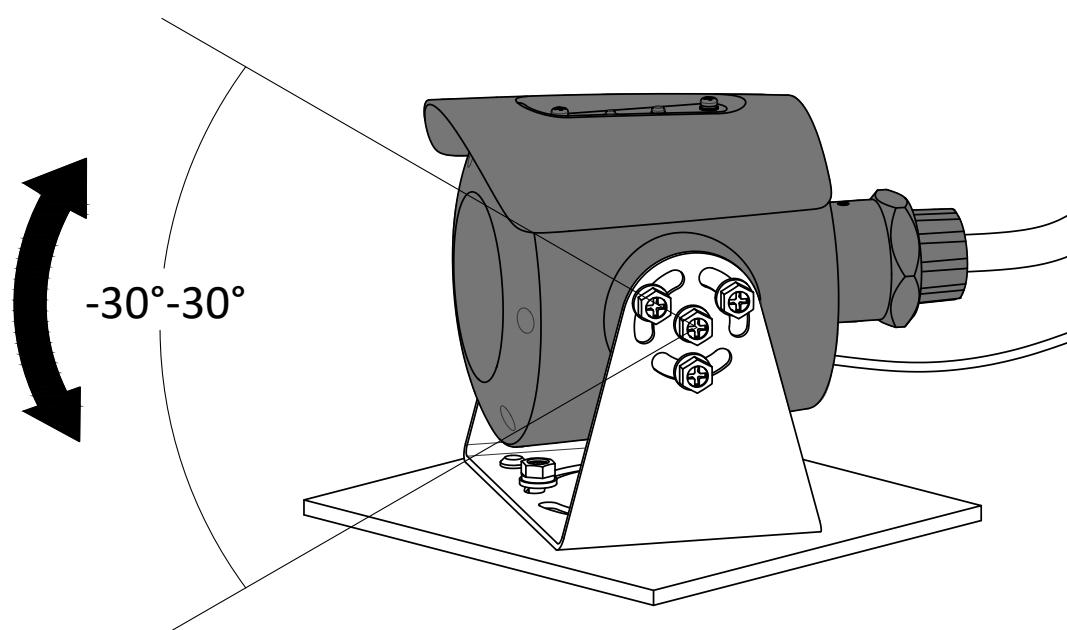
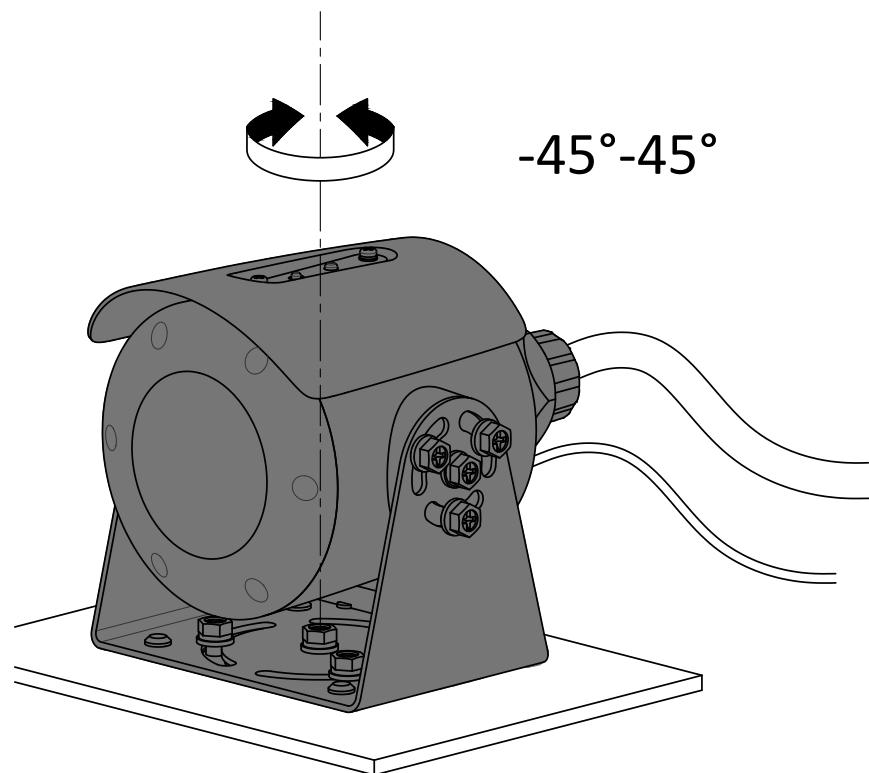
## 2.5



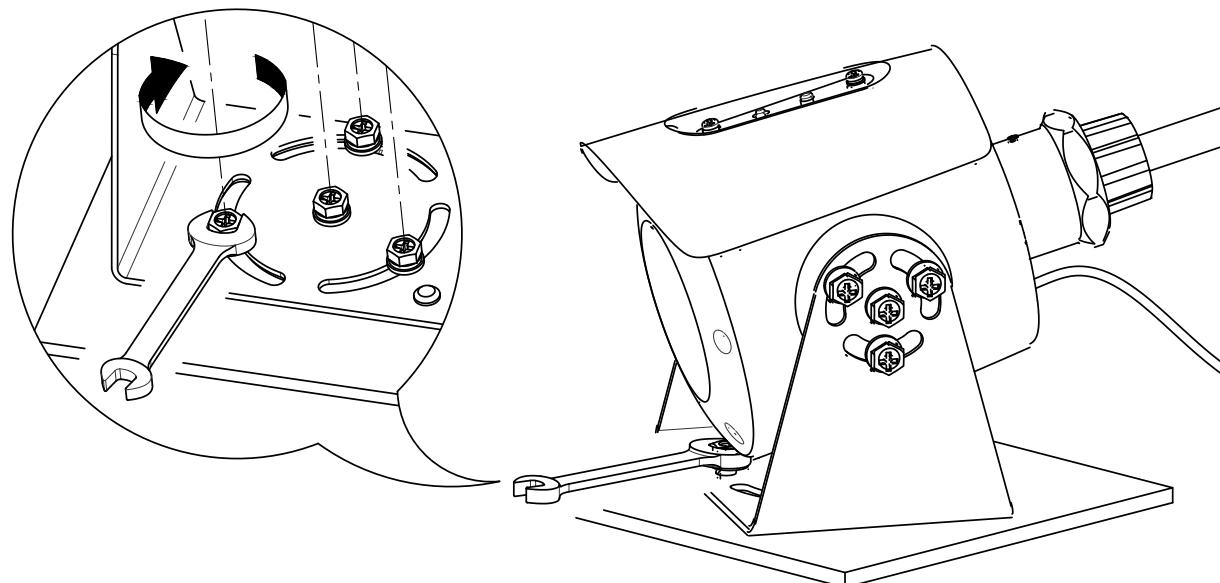
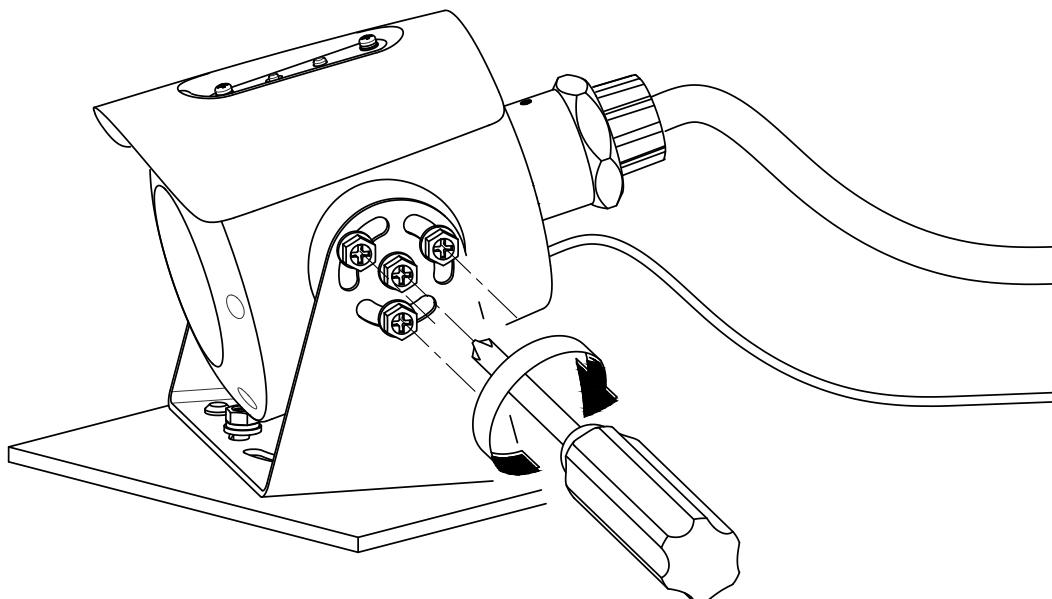
### 3.1

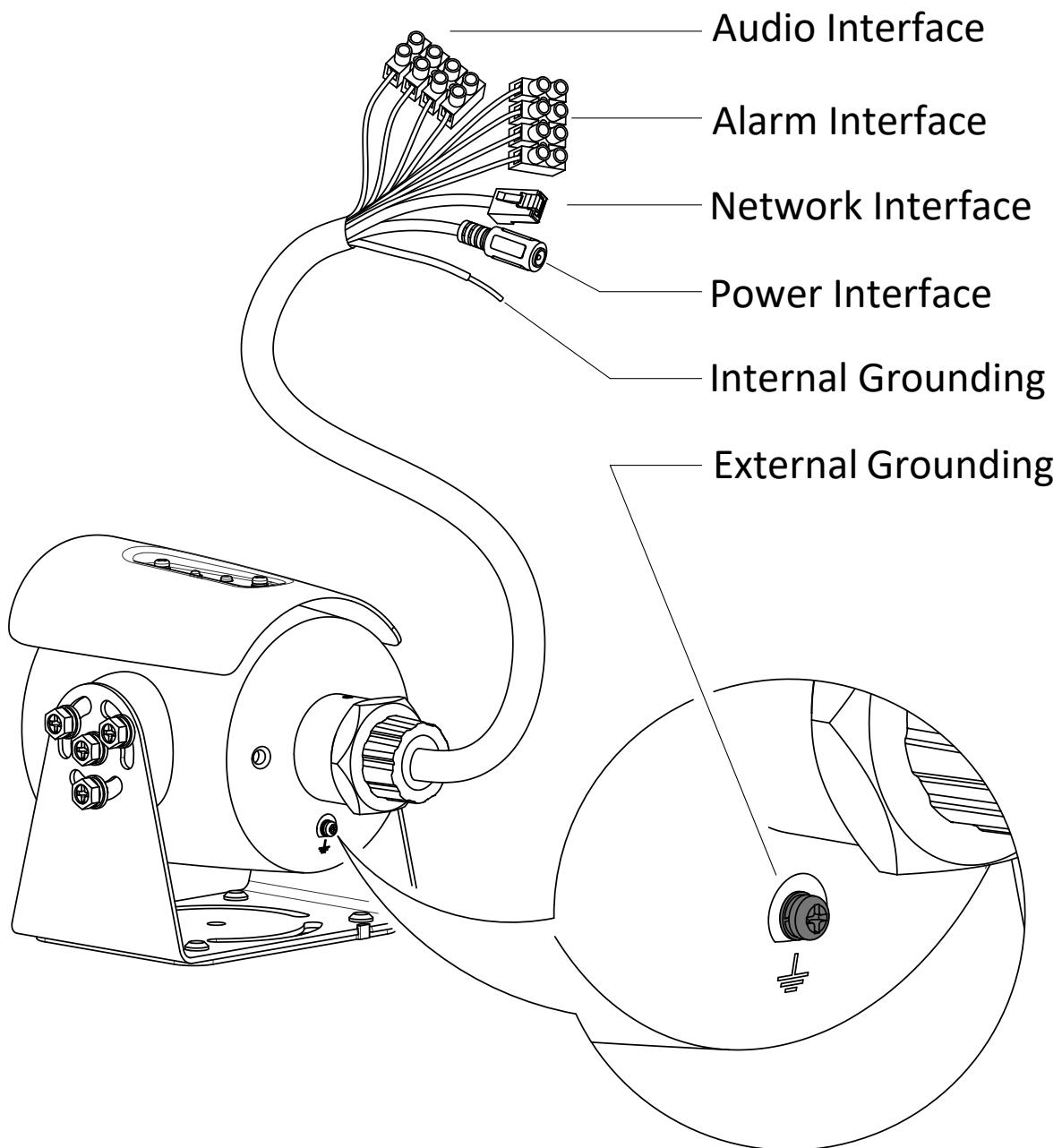


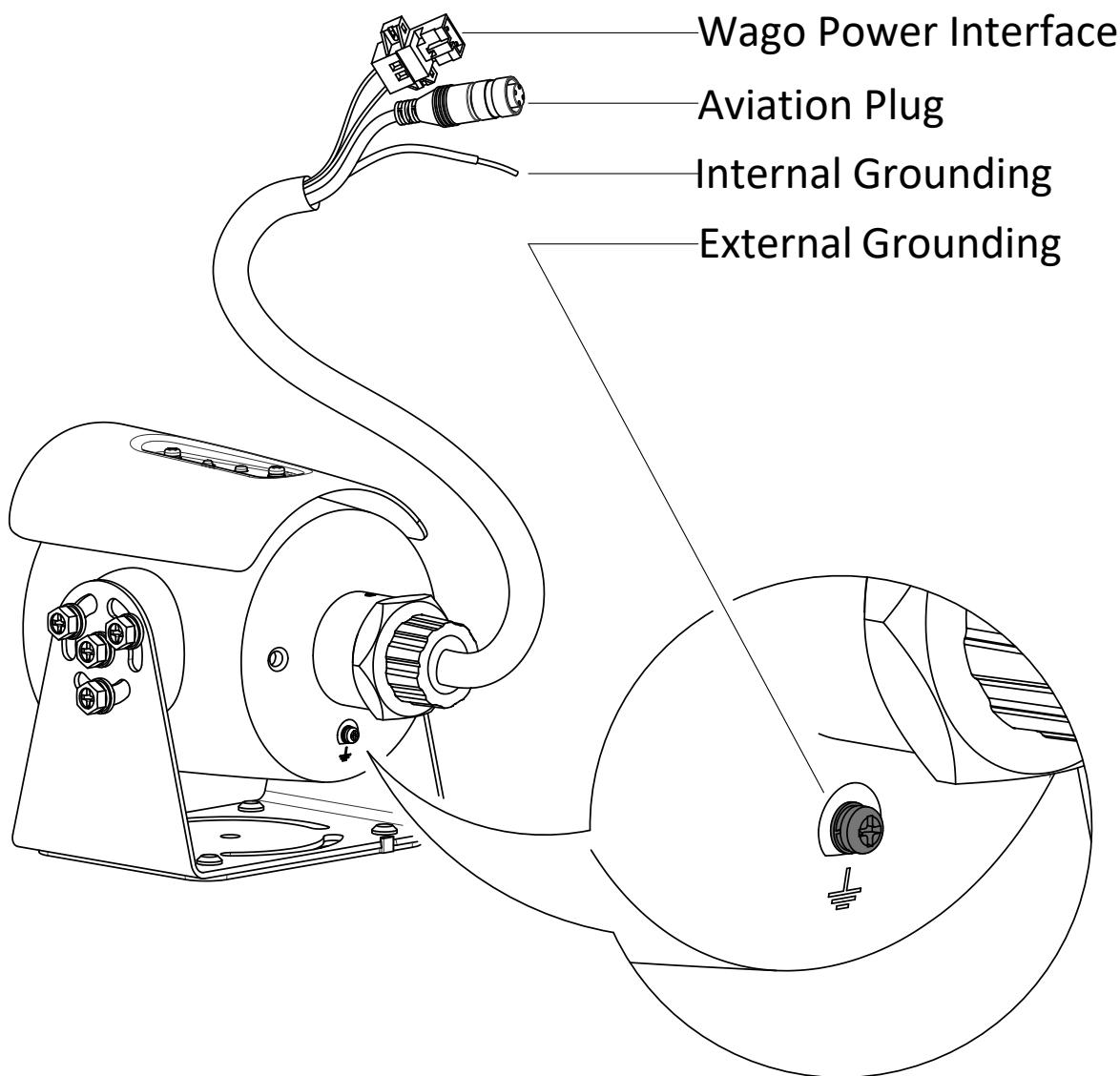
## 3.2



### 3.3







## Activate and Access Network Camera

Scan the QR code to get *Activate and Access Camera*. Note that mobile data charges may apply if Wi-Fi is unavailable.





UD12125B-C