

Housing Products

User's Manual



V1.0.0




Foreword

General

This manual introduces installation of light-duty PoE protective housing (hereinafter referred to as "the housing").

Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
 WARNING	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
 CAUTION	Indicates a potential risk which, if not avoided, could result in property damage, data loss, reductions in performance, or unpredictable results.
 NOTE	Provides additional information as a supplement to the text.

Revision History

Version	Revision Content	Release Time
V1.0.0	First Release.	August 2024

About the Manual

- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions. For detailed information, see the paper user's manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.
- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact customer service for the latest program and supplementary documentation.
- There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of final explanation.
- Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and company names in the manual are properties of their respective owners.
- Please visit our website, contact the supplier or customer service if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

Important Safeguards and Warnings

This section introduces content covering the proper handling of the Device, hazard prevention, and prevention of property damage. Read carefully before using the Device, comply with the guidelines when using it, and keep the manual safe for future reference.

Operation Requirements



- Make sure that the power supply of the device works properly before use.
- Do not pull out the power cable of the device while it is powered on.
- Only use the device within the rated power range.
- Transport, use and store the device under allowed humidity and temperature conditions.
- Prevent liquids from splashing or dripping on the device. Make sure that there are no objects filled with liquid on top of the device to avoid liquids flowing into it.
- Do not disassemble the device.
- Do not place objects on the housing.

Installation Requirements



WARNING

- Connect the device to the adapter before power on.
- Strictly abide by local electrical safety standards, and make sure that the voltage in the area is steady and conforms to the power requirements of the device.
- Do not connect the device to more than one power supply. Otherwise, the device might become damaged.
- The product shall use electric wires (power wires) recommended by this area which shall be used within its rated specification.
- The power supply must conform to the requirements of ES1 in IEC 62368-1 standard and be no higher than PS2. Note that the power supply requirements are subject to the device label.
- If power plug or appliance coupler is a disconnecting device, please ensure its convenient operation.



- Observe all safety procedures and wear required protective equipment provided for your use while working at heights.
- Do not expose the device to direct sunlight or heat sources.
- Do not install the device in humid, dusty or smoky places.
- Install the device in a well-ventilated place, and do not block the ventilator of the device.
- Use the power adapter or case power supply provided by the device manufacturer.
- Connect class I electrical appliances to a power socket with protective earthing.
- Use the device only within rated input and output range.
- Make sure to use all the accessories recommended by manufacturer.
- Before installation, please open the package and check all the components are included.
- Contact the local dealer or the nearest service center if something is broken in your package.

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1 Applicable product range

This document is applicable to housing and distribution box products.

2 Installing Housing

2.1 Installing Housing

2.1.1 Installing Camera Module

- Step 1 Use a screwdriver to fix the camera the fixing board with pan head screws.
Step 2 Install the assembled camera module onto the housing case.

2.1.2 Cable Connection

The cable of fan module and IR module was connected before the device was delivered out of the factory. You only need to connect the cable of network port, the cable of camera PoE port and the cable of camera to the IR driver board.

2.1.3 Operating Control Description

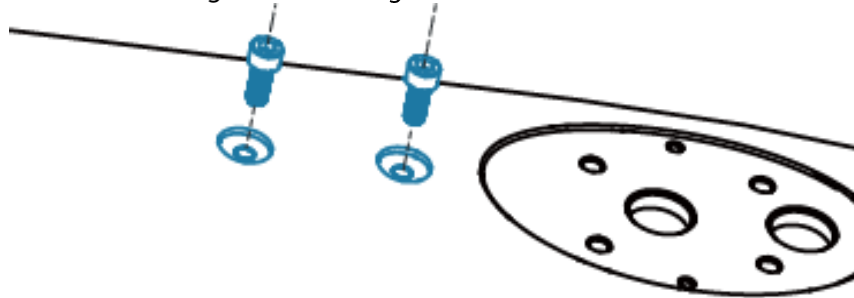
IR light board is equipped with DIP switch, and all 6 IR lights are turned on by default. When the camera is not equipped with RS-485 control function, to meet short-distance illumination requirements, the DIP switch can be turned to 1 or 2, and the corresponding IR lights will be turned off (up to 4 lights can be turned off).

2.2 Installing Bracket

2.2.1 Installing General Bracket

The bracket can be installed by the protective housing.

Figure 2-1 Install general bracket



2.2.2 Installing Special Bracket

- Step 1 Pass the wire harness through the bracket.
Step 2 Fix the bracket onto the housing.
Step 3 Put the waterproof connector onto the wire harness, and tighten it.