E-IESH-SP-2711-T-R
Industrial 802.3af/at PoE Splitter
Startup Manual

Overview

PoE splitter is powered by PoE and can split PoE input into individual power output and data output. This device can easily connect legacy devices like IP cameras or WiFi Access Points to a PoE network architecture and also works as a power supply to power up devices where power is beyond coverage as alternative power source to save cabling deployment cost.

E-IESH-SP-2711-T-R plays the role of powered device (PD) and splits power from PoE to Ethernet devices. In this case, both power and data can be transmitted up to 100 meters (328 feet) with one single Ethernet CAT5 cable from power source equipment (PSE) with the power up to 25 watts at $24V_{DC}$.

Packing List

Before installation, please make sure that you have received the following:
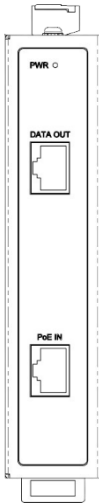
- 1 x E-IESH-SP-2711-T-R PoE splitter
- 1 x DIN-rail mounting bracket with 4 screws (M3 x 5L)
- 2 x Wall mounting brackets with 8 screws (M3 x 5L)
- 1 x E-IESH-SP-2711-T-R Startup Manual

Specifications

General

- **Compatibility:** IEEE 802.3, 802.3u, 802.3ab, 802.3af/at
- **LAN:** 10/100/1000Base-TX
- **Transmission Distance:** Up to 100 m
- **Connectors:** 2 x 10/100/1000Base-T(X) (PoE IN x1 + DATA OUT X1)
- **Power Input:** $44{\sim}57V_{DC}$
- **Power Output:** 25W@$24V_{DC}$
- **Power Consumption:** Max. 30W
- **Dimensions (W x H x D):** 30 x 140 x 95 mm
- **Enclosure:** IP30
- **Operating Temperature:** -40 ~ 75°C (-40°F ~ 167°F)
- **Storage Temperature:** -40 ~ 85°C (-40°F ~ 185°F)
- **Operating Humidity:** 5 ~ 95% (non-condensing)
- **Storage Humidity:** 5 ~ 95% (non-condensing)
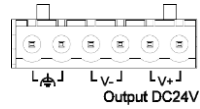- **EMC:** CE, FCC Class A

Overview

LED Definition

LED	Color	Description	
Power	Green	On	Power is being supplied to power input.
		Off	Power is not being supplied to power input.

Power Connection

The E-IESH-SP-2711-T-R supports $24V_{DC}$ power output.

1. Insert the positive and negative wires into the V+ and V- contacts on the terminal block connector.
2. Tighten the wire-clamps screws to prevent the DC wires coming loose.
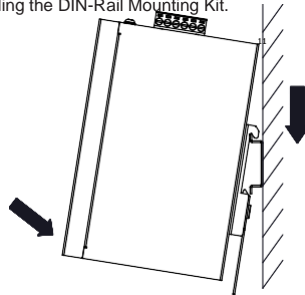

Warning: Ensure that the voltage of the power source is correct before connecting the equipment to a power outlet. The power outlet socket should have grounded connection.

Warning: Never open the equipment. For safety reasons, the equipment should be opened only by qualified skilled person.
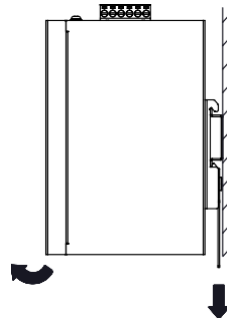
Mounting

DIN-rail Mounting
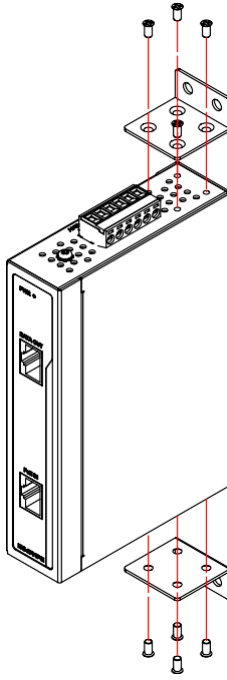
1. Installing the DIN-Rail Mounting Kit.

2. Removing the DIN-Rail Mounting Kit.

Wall Mounting

1. Secure the wall brackets to the device with M3 screws, see the following figure. Align the wall mount plate over the screw on the wall.

2. To mount the wall plate, use screws of the size shown in the following illustration.

Wall Mounting Screw Dimensions