

## Industrial 90W PoE Injector

### Overview

Industrial Single-Port Multi-Gigabit 802.3bt PoE++ Injector (90W) with 48~57V DC input

This product is Industrial 90W PoE Injector.

This injector can upgrade an existing network infrastructure to IEEE802.3bt PoE++ network system without changing the existing Ethernet equipment.

The injector meets IEEE 802.3af/at/bt standard. The PoE output port can deliver up to 90W power. It supports 10/100/1000/2.5Gbps transmission rate, and the transmission distance is up to 100m. This product support relay function to alarm power supply break. It could provide a quick, safe and cost-effective 802.3bt PoE++ network solution for customers.

### Features and Highlights

Provide 10/100/1000/2.5 Gbps Ethernet ports

- 1\* input port, 1\* output port

DC power input

- 48~57VDC

Great PoE Compatibility

- All ports comply with IEEE802.3af, IEEE802.3at, IEEE802.3bt
- PoE output port can auto detect powered device and the output power
- Transmit both Ethernet data and PoE to 100 meters

PoE Mode DIP Switch

This injector supports two PoE modes:

- Standard: In this mode, the PoE injector provides power to the PD devices that follow the IEEE802.3af/at/bt standard
- Force mode: In this mode, the PoE injector outputs 54V DC constantly

**Note: Do not connect PD devices with an operating voltage lower than 54V DC.**

Industrial Case and Installation

- DIN-rail design/Wall-mount
- Supports 6kV surge immunity and 8kV ESD protection
- Wide working temperature: -40~75°C
- Plug and play, DIN-rail installation

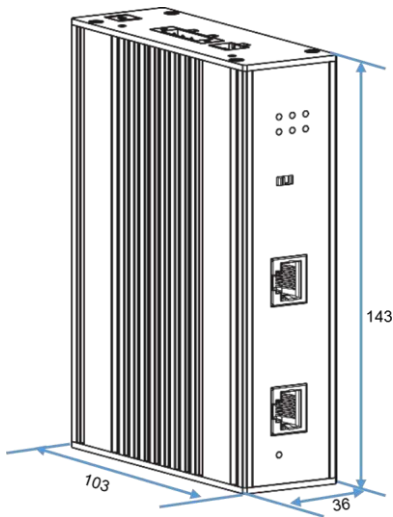
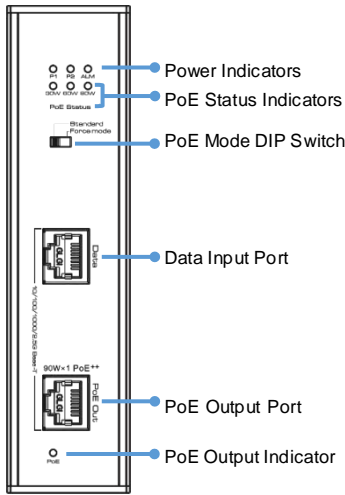


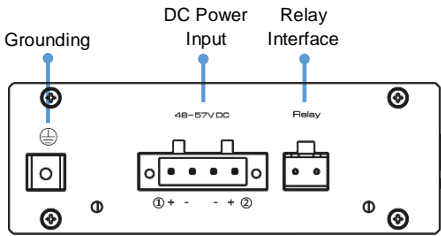
## Specifications

Items	20117550
<b>Hardware Specifications</b>	
Copper Ports	1 * 10/100/1000/2.5G Base-T RJ-45 Data input ports 1 * 10/100/1000/2.5G Base-T RJ-45 PoE output ports
Connector	Removable 4-pin terminal block for DC power: pins 1 and 2 for power 1, pins 3 and 4 for power 2 Removable 2-pin terminal block for relay alarm
Cable	Cat5e or better
Transmission Rate	10/100/1000/2.5Gbps
Transmission Distance	100m (Max)
Dimensions (W*D*H)	143mm*103mm*36mm
Net Weight	0.665kg
Power Requirements	48~57V DC
Installation	DIN-rail / Wall-mount/ Desktop
Material	Metal shell
<b>PoE</b>	
Device Type	PSE (Power Sourcing Equipment)
PoE Type	Mid-Span, End-Span
PoE Standard	IEEE 802.3af/at/bt
PoE Pin Assignment	3/6/4/5(+), 1/2/7/8(-)
PoE Power Output	48~57V DC
PoE Budget	90W (max)
<b>EMC</b>	
EMC	FCC 47 CFR Part 15 Class A EN55032 Class A IEC61000-4-2, Level 3: Contact Discharge: ±6kV, Air Discharge: ±8kV IEC61000-4-3, Level 2: 3V/m IEC61000-4-4, Level 2: 1kV IEC61000-4-5, line to earth: 6kV IEC61000-4-6, Level 2, (0.15MHz~80MHz)
<b>LVD</b>	
LVD	EN 62368-1:2020 EN 62328-A11:2020
<b>Environments</b>	
Operating	Temperature: -40°C~75°C Relative Humidity: 5%~95% (Non-condensation)
Storage	Temperature: -40°C~85°C Relative Humidity: 5%~95% (Non-condensation)
<b>Certifications</b>	
Certifications	CE, FCC

# Appearances and Dimensions

20117550

Dimensions (mm)	Front Panel
	

Side Panel	
	

## Packing List

Welcome to order our products. After purchasing, you will receive:

Item	Quantity
PoE Injector	1 pc
Mounting Accessory	1 set
Quick Installation Guide	1 pc



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