

Industrial 10/100/1000Mbps 802.3bt PoE++ Splitter Output Voltage 3~36VDC

This quick start guide describes how to install and use the Industrial 10/100/1000Mbps 802.3bt PoE Splitter Output. This is the Serial PoE+ Splitter Output of choice for harsh environments constrained by space.

Overview

This device is an Industrial Grade, Gigabit Ethernet, PoE++ Splitter, designed to deliver data, via RJ-45 Ethernet connector, and electrical power, via screw terminal block, to non-PoE devices. This device saves the high cost of running separate electrical service to edge devices.

The device acts as PD equipment and can be powered by standard PoE IEEE802.3af/at/bt PSE (Power Source Equipment) switches or work when paired with PoE Injectors. The data transmission, up to Gigabit speeds, with power output voltages of 3~36VDC, run simultaneously up to the Ethernet limit of 100 meters. Simple settings of the device, make it a plug and play device, requiring no tools or software configuration, and provides ease of use, with flexible installation and high reliability..

General

To ensure trouble free transportation and storage, all products must be thoroughly inspected, tested, and properly packed before delivery. Check the product upon receipt for any visible damage which may have been caused during shipment.

Package Content

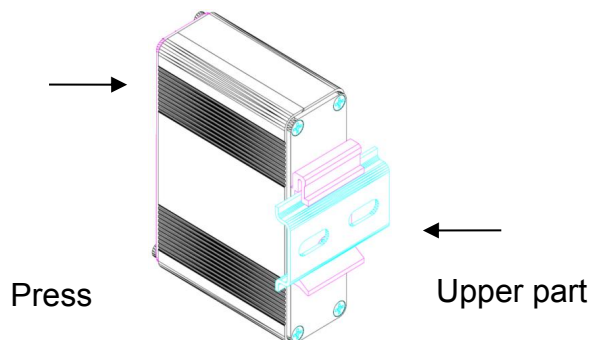
- PoE Splitter Modem x 1
- Quick Start Guide x 1
- L-shaped wall mount bracket x 1

Physical Description



DIN Rail Installation

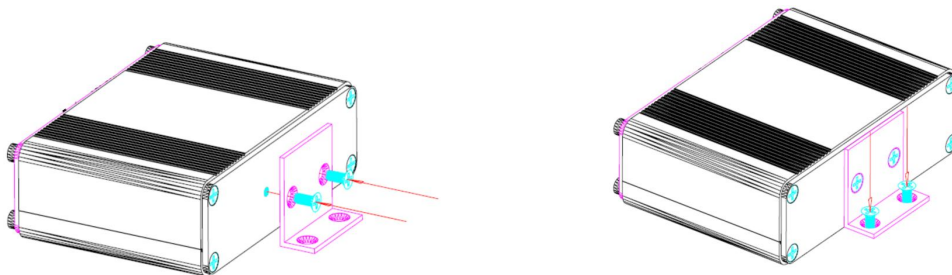
This device can be installed on a DIN rail. Installation steps are as follows:



Lock the upper part of the DIN rail clip on the upper side of the track. Gently press it until the clip is securely locked on the track.

Wall Mount Installation

This device can also be installed on a wall or a flat surface. Installation steps are as follows:

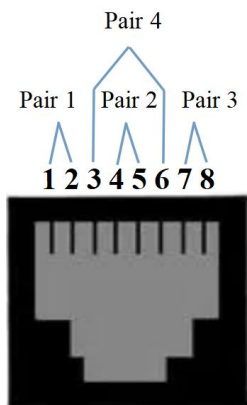


1. Tighten the screws to fix the wall mount bracket

2. Mount the switch on the wall or on a flat surface with 2 screws piercing through the mounting holes to secure it in position.

Interface

RJ-45 Pin Assignment



Pin	Signal Name
1	TP0+ Positive (VCC+)
2	TP0- Positive (VCC+)
3	TP1+ Negative (VCC-)
4	TP2+ Positive (VCC+)
5	TP2- Positive (VCC+)
6	TP1- Negative (VCC-)
7	TP3+ Negative (VCC-)
8	TP3- Negative (VCC-)


The Port Status LEDs

LED	State	Indication
PD	Red	Power on.
	Off	Power off.
<u>V</u>	Red:	Output voltage value (V)
<u>A</u>	Blue:	Output current value (A)
*+V ADJ:Output voltage adjustment knob		

Cable Connection

Signal Type	Cable Type	Connector
Ethernet	Cat.5 or above	RJ45
Power Output	Power cable	5-pin Terminal Block

Power Connection

Pin	V -	V +		V -	V +
Description					
DC Output	GND	+5~36VDC	Earth	GND	+5~36VDC

Notice:

- 1、 Do not connect any power supply to the power output port of the PoE splitter to avoid damaging the device.
- 2、 Please ensure that the voltage is adjusted to the required level before connecting the load.

Dimension drawing (Unit: mm)



Functional Description

- ▶ Splits power and data from PoE Input
- ▶ One RJ-45 PoE Port (Data & Power In), One RJ-45 Port (Data Out)
- ▶ One 3~36VDC Output ,The voltage is adjustable(5-pin Terminal Block)
- ▶ Support IEEE802.3af/at/bt
- ▶ Support 10/100/1000Base-T, Distance up to 100 meters
- ▶ Short-circuit protection for power output
- ▶ IP40 rugged metal housing and fanless
- ▶ Support DIN-Rail & Wall-mount installation
- ▶ Extensive LED indicators for PoE diagnostics