
Gigabit 4 Port PoE Extender

EWS-200-PE4

1. Package Content

Thank you for purchasing Our Industrial Power over Ethernet Injector. Terms of **"PoE Extender"** in following section of this User's Manual means the EWS-200-PE4.

Upon open the box of the Industrial Power over Ethernet Injector and carefully unpack it. The box should contain the following items: EWS-200-PE4

- Industrial Gigabit Power over Ethernet Injector x 1
- User's Manual x 1
- DIN Rail Kit x 1

If any of these are missing or damaged, please contact your dealer immediately, if possible, retain the carton including the original packing material, and use them against to repack the product in case there is a need to return it to us for repair.

2. Product Features

■ Interface

- 1● 5-Port RJ-45 interfaces
 - ◆ 4-Port **PoE Out**
 - ◆ 1-Port **IN**

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■ Features

- Compatible with IEEE802.3af, IEEE802.3at, IEEE802.3at-4pair
- One port supply IEEE802.3at-4pair Ultra PoE input
- Four ports supply IEEE802.3at PoE output
- Extends the range of PoE and Ethernet an additional 100 meters
- Forwards both Ethernet data and PoE power to remote device
- No additional power supply is required
- Automatically detects and protects PoE equipments from being damaged by incorrect installation
- Full-rate network throughout the whole extended distance

■ Hardware

- 1● IP30 Slim Metal Case
- 1● LED indicators for Power LED and PoE LED

■ Industrial Case / Installation

- 1● DIN Rail Design
- 1● -40 to 75 Degree C operation temperature



Note

PD (Powered Device) is a PoE-enabled terminal by PSE and thus consumes energy, such as IP Phones, network cameras and Wireless access points, etc.

PSE (Power Sourcing Equipment) is a device (switch, or hub for instance) that will provide power in a PoE setup. Maximum allowed continuous output power per such device in IEEE 802.3af is 15.4W, 30W in IEEE802.3at 60W in IEEE802.3att.

3. Product Specification

Technical characteristics

Item	Description
PoE Input Port	1 x 10/100/1000Base-T RJ45 port
PoE Output Port	4 x 10/100/1000Base-T RJ45 ports
PoE Input Power	50~57VDC, Up to 60W
PoE Output Power	44~57VDC, Up to 30W per port, total 60W MAX
PoE Power Budget	50W @ IEEE802.3at-4pair Ultra PoE Input 20W @ IEEE802.3at High PoE Input
PoE Input Pin Assignment	Type A or Type B
PoE Output Pin	1/2 (-), 3/6 (+)
PoE Features	Power Management: consumption mode
Indicators	LED indicators are located on the RJ45 connector
Power Consumption	4 Watt Max (without PoE power delivering)
Power Supply	Optional External Power Adapter 48~57VDC
Network cables	Shielded category 5e (or higher)
Forwarding Rate	10BASE-T: 14880pps / port
Dimensions	150mm x 100mm x 36mm
Switch Architecture	Store-and-Forward
Packet Buffer	384Kbits
Packet Buffer	384Kbits

4 Hardware Description

4.1 Physical Dimension

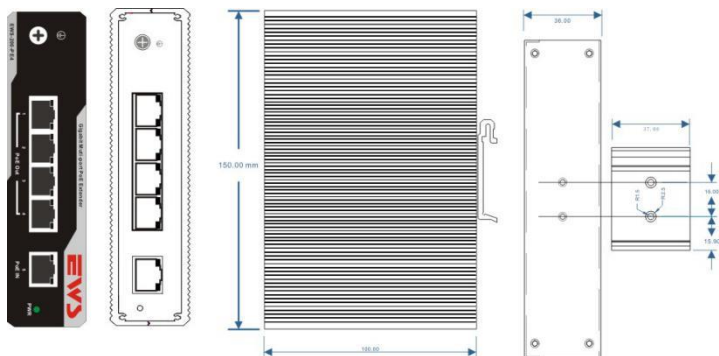


Figure 1

4.2 Product Outlook

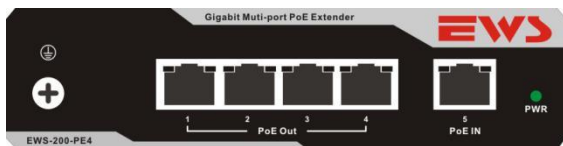


Figure 2

LED Indicators

LED	Color	Function
PWR	Green	Indicate the device has power.
PoE	Green	Indicate the port is providing power

5. Mounting Installation

This section describes how to install the Equipment and make connections. Please read the following topics and perform the procedures in the order being presented.



Note

In the installation steps below, 8 Port Switch picture shown as the example. However, the steps for EWS-200-PE4 are the same.

5.1 DIN-Rail Mounting

Install DIN-Rail (not supplied) then clip in from the top following picture below:

Step 1: Lightly press on to DIN-Rail insure proper fitment to DIN track.



Step 2: Check fitment



Figure 6: Industrial Equipment installed in DIN-Rail mount.

5.2 Remove DIN-Rail Mounting

Step 1: Please refer to following procedures to remove the device.



Figure 7: Remove device from DIN-Rail mount.

Step 2: Lightly press the button and pull from bottom .