PoEPowerEZ

Industrial Gigabit 802.3af/at Active to Passive PoE Converter & Passive Injector







Overview

The PoEPowerEZ is a dual function Passive PoE Injector providing 24VDC Passive PoE Power and 10/100/1000M Ethernet to Passive PoE PD Devices such as EtherWANs EasyLink Series of Preconfigured Wireless Bridge Units.

With the PoEPowerEZ, there are 2 ways to power a Passive PoE device. Using an standard, external power supply with a DC Jack (5.5 x 2.1mm), the PoEPowerEZ acts as a 24VDC Passive PoE Injector. When using a Standard 802.3af/at PoE Switch or Injector, the PoEPowerEZ can be used to convert the active PoE connection from the switch or injector to 24VDC Passive PoE with no external power supply needed. Our Passive PoE Injector is designed to simplify your PoE connectivity and offers a flexible solution to power up your devices. It is compact, easy to install, and provides reliable power and data transmission to your devices.

Ordering Information

Model

PoEPowerEZ Industrial Gigabit 802.3af/at Active to Passive PoE converter & Passive Injector

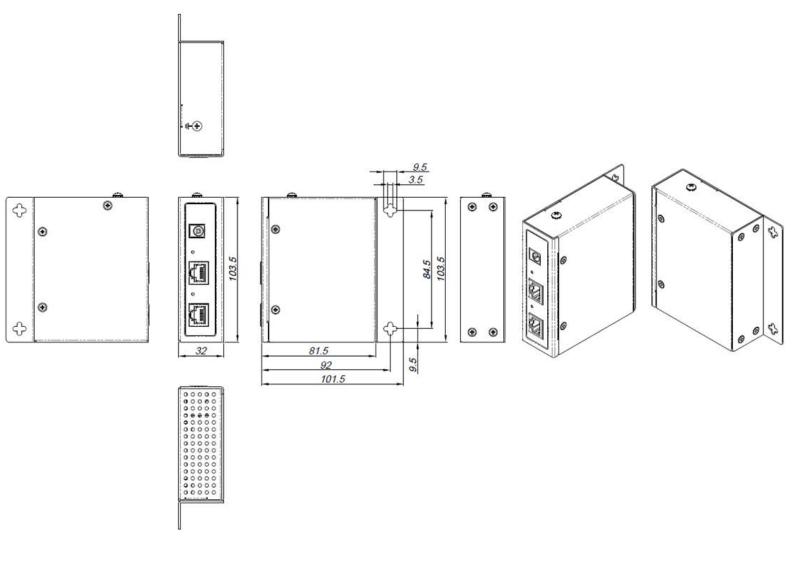
Hardware Specifications

Interface	+
Ethernet	1 x 10/100/1000BASE-T(X), data out 1 x 10/100/1000BASE-T(X), PoE in
Network Cable	UTP/STP above CAT.5e Cable EIA/TIA-568 (100m)
LEDs	PoE (Green): ON—PoE is detected DC (Green): ON—DC Power is detected
Network Connector	1xRJ-45 10/100/1000BaseT(X) Data with PoE af/at power in 1x24V DC Jack (5.5 x 2.1mm) Power in 1xRJ-45 10/100/1000BaseT(X) Data with 24V passive PoE output
Technology	+
Standards	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3af for PoE IEEE 802.3at for PoE+
Protocol	CSMA/CD

Regulatory	+
Safety	LVD(EN62368-1)
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV IEC 61000-4-5 Surge: Power: 2KV; Signal: 2KV
EMC	CE (EN 55032/35), FCC,
Safety	UL 60950-1
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Free Fall	EN 60068-2-32
Warranty	+
Length	Limited Lifetime
Details	etherwan.com/us/ support/warranty-policy
What's Included	+
Device	Active to Passive PoE Converter & Passive Injector
Documentation	Quick install guide

Power	+
Power Supply	24V DC Jack in (5.5 x 2.1mm) 802.3af (15W) or 802.3at (30W) PoE Power Input
Power Consumption	1.44W @ 24 VDC full load, without PoE
PoE Power Output	Maximum 24 Watts (24VDC, 1A)
Reverse Polarity Protection	Present
Overload Current Protection	Present
Protection	Current overload protection
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Physical	+
Casing Material	Rugged Metal, IP30 Protection
IP Rating	IP30
Dimensions	103.5 x 32 x 81.5 mm
Installation Type	Wall mounting
Environmental	+
Operating Temp	-40 to 167°F (-40 to 75°C)
Storage Temp	-49 to 185°F (-40 to 85°C)
Relative Humidity	5% to 95% (non-condensing)
MTBF	>677,731.0992 hrs ((Telcordia (Bellcore), GB) at 50°C
Pins	+
Passive PoE Pin Assignment	V+, V+, V-, V- for pin 4, 5, 7, 8

Dimensions



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