

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 |
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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 | |
| 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 | |
| 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 | |

| 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 | |

Dimensions

