

PoEPowerEZ

Hardened 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 2.1 mm), 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.

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

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)

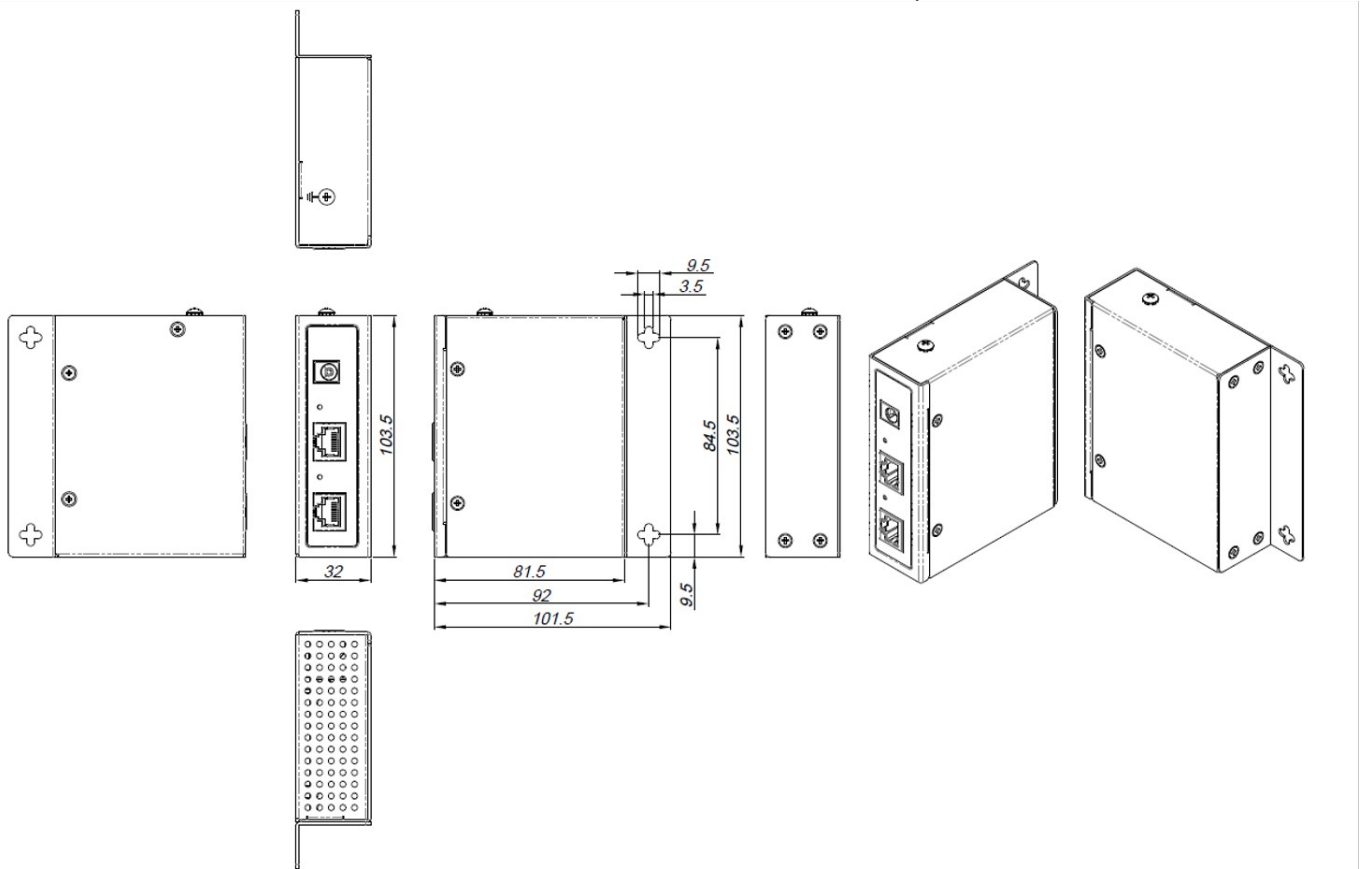
Relative Humidity
5% to 95% (non-condensing)

MTBF
>677,731.0992 hrs ((Telcordia (Bellcore), GB) at 50°C)

Dimensions

+ Pins

Passive PoE Pin Assignment
V+, V+, V-, V- for pin 4, 5, 7, 8



+ 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

Ordering Info

+ Model

PoEPowerEZ Industrial Gigabit 802.3af/at Active to Passive PoE converter & Passive Injector x 1

+ Accessories

KD-INJ90 DIN-Rail Mounting Kit for PoEPowerEZ

