PoEPowerEZ

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



Fanless

Wide Temperature

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.

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

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

Physical

Casing Material

Rugged Metal, IP30 Protection

IP Rating

IP30

Dimensions

103.5 x 32 x 81.5 mm

Installation

Type Wall mounting

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

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 (EN55032/35), 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

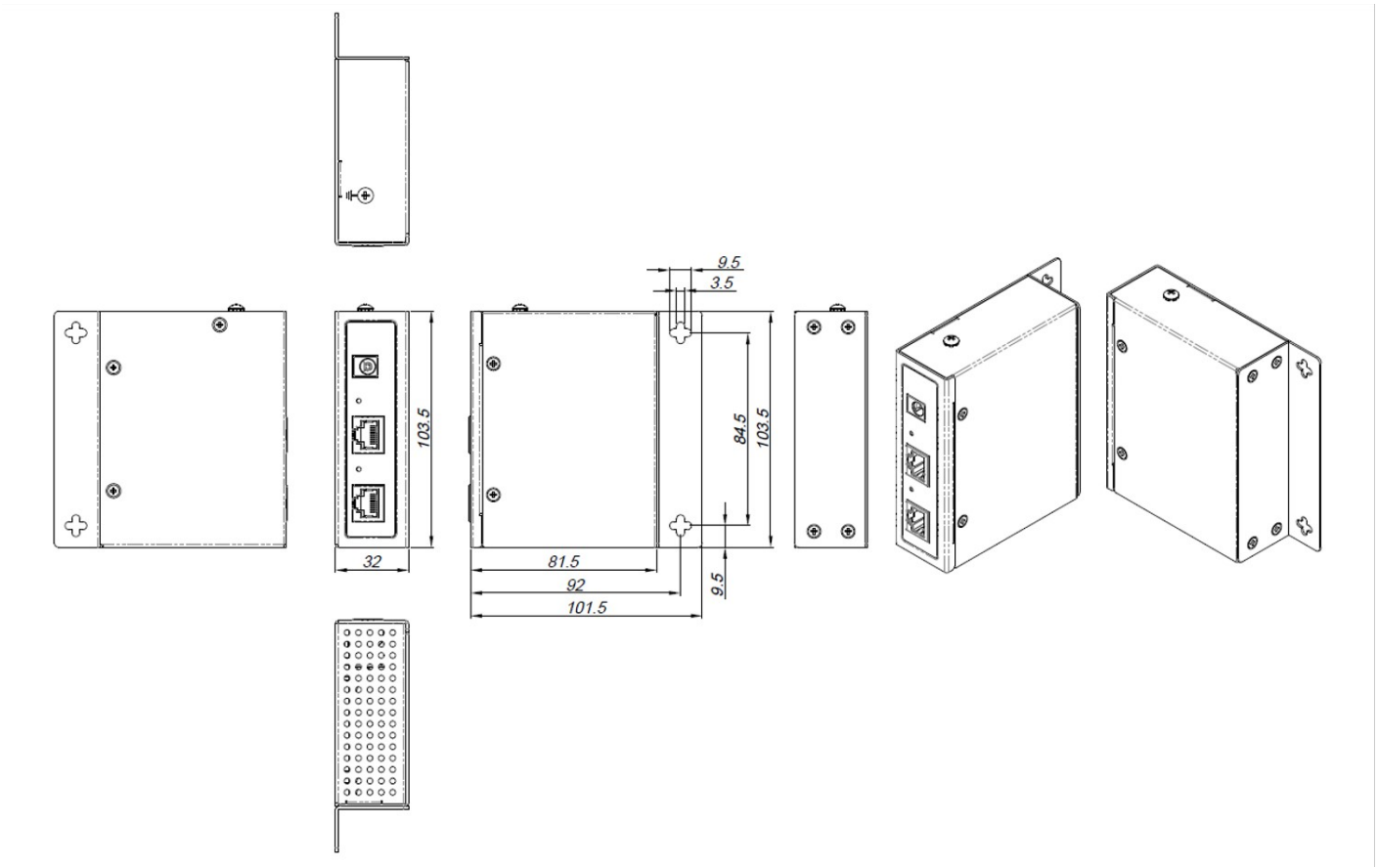
Quick install guide

MPN

POEPOWEREZ

1720531

Dimensions



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

Related Products

EasyCell5G	Hardened 5G / LTE Cellular Router with Dual SIM, Wi-Fi, GPS, and Five Gigabit RJ45 Ports
EasyCell	Hardened 4G LTE Cellular Router with Wi-Fi, and Two RJ45 Ports

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