

POE130-XT Single-Port PoE Gigabit Extender

EXTENDS POWER OVER ETHERNET AND ETHERNET DATA UP TO 200 METERS

Product Features

- Extend PoE Installation Range by Additional 100 Meters
- Supports 10/100/100 Mbps Data Rates
- Provides 802.3af Power Levels When Powered by Any 802.3at Source
- Provides 802.3at Power Levels When Powered by PD-9601G/AC Midspans
- Cost Effective Installation: No Need For Local Power
- Plug and Play Installation: No Configuration Needed
- Fully Compliant 25K Signature Resistance Detection (IEEE802.3at and IEEE802.3af)
- Boost Circuit to Compensate for Wire Drops
- Extends Ethernet up to 400 Meters (1640.42 Feet) with Cascaded PoE Extender



The **POE130-XT** is a single-port Power over Ethernet (PoE) Gigabit extender that is designed to meet the demanding data rate and power requirements of IP cameras with high-quality streaming video capabilities. A single PoE extender can repeat Ethernet up to 200 meters. When cascading three extenders with a PD9601G midspan injector, Ethernet and PoE can extend up to 400 meters (1640.42 feet) to an IEEE802.3af device.

The **POE130-XT** extenders can be cascaded to reach up to 400 meters from the closest datacenter or network closet so you can easily install IP cameras where you need them. DC input voltage range is 46 to 57 VDC. DC input current at maximum load is 700mA at 46 VDC. Maximum total output power is 33 W with 50 W 4-pair IEEE802.3AT input and is 25K signature resistance detection output compliant.

TECHNICAL SPECIFICATIONS

MODEL

POE130-XT

Single-Port PoE Gigabit extender powered by IEEE802.3at source

ELECTRICAL

Input (802.3at)

| | |
|------------------------|---|
| Input Source | Receives power from an IEEE802.3at source |
| Input Detection | 25K detection IEEE802.3at compliance |
| DC Input Voltage Range | 46 VDC to 57 VDC |
| Total Output Power | 15 W with IEEE802.3at input |
| DC Output Voltage | 44 VDC to 55 VDC |
| Output Detection | 25K detection IEEE802.3af compliance |

Input (802.3at 4-pair, 60 W)

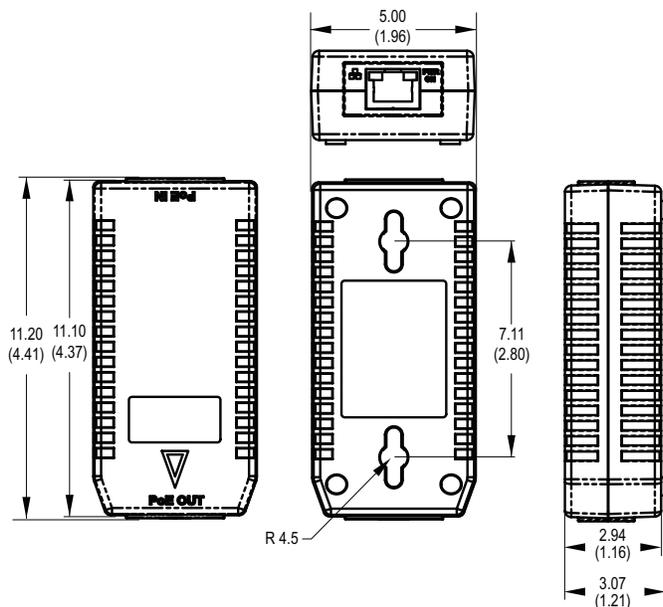
| | |
|------------------------|---|
| Input Source | Receives power from an IEEE802.3at 4-pair (60 W) source |
| Input Detection | 25K detection IEEE802.at compliance |
| DC Input Voltage Range | 46 VDC to 57 VDC |
| DC Input Current | .7 A maximum load |
| Total Output Power | 33 W |
| DC Output Voltage | 44 VDC to 55 VDC |
| Output Detection | 25K detection IEEE802.3af compliance |

Connection

| | |
|-------------------------|-------------------------------|
| Input/Output Connectors | RJ-45 |
| Input Connection | Supports alternatives A and B |
| Output Connection | Supports alternatives A and B |



VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.



FRONT PANEL INDICATORS/FUNCTIONS

Power LEDs

| LED Color and Status | PoE Input Status | PoE Output Status |
|----------------------|--------------------------|---------------------------|
| Green ON | PoE input power enabled | PoE output power enabled |
| Green OFF | PoE input power disabled | PoE output power disabled |

Network LEDs

| LED Color and Status | Network Input/Output Status |
|---------------------------|--|
| Orange ON | Network connection |
| Orange OFF | No network connection |
| Orange Blinks, 12 Hz rate | 10/100/1000 Mbps communication data rate |

ENVIRONMENTAL

| | |
|---------------------------|------------------------------|
| Operating Temperature | |
| Megabit Data Rates at | |
| 10 Mb and 100 Mb | 0° to 50°C (32° to 122°F) |
| Gigabit Data Rates | 0° to 40°C (32° to 104°F) |
| Storage Temperature | -20° to +70°C (-4° to 158°F) |
| Maximum Humidity Gradient | 5% to 90% |

CERTIFICATIONS

- RoHS Compliant
- WEEE Compliant
- CE
- FCC Part 15, Class B
- EN 55032 Class B (Emissions)
- EN 55024 (Immunity)
- VCCI

OPTIONAL ACCESSORIES

| | |
|---------------------|----------------------------------|
| PD9601G/AC-US, -EUK | Single-port, HPoE midspan |
| POE130-ATEU, -ATUS | Single-port, IEEE802.3at midspan |
| POE1AT-US, -EU | Single-port, IEEE802.3at midspan |
| POE4ATN-US, -EU | 4-port, IEEE802.3at midspan |
| POE8ATN-US, -EU | 8-port, IEEE802.3at midspan |
| POE16ATN-US, -EU | 16-port, IEEE802.3at midspan |

Note: The "EU/EUK" or "US" suffix indicates a European or US power cord.

- ▲ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.
- ▲ **ADVERTENCIA:** Cáncer y Daño Reproductivo - www.P65Warnings.ca.gov.
- ▲ **AVERTISSEMENT:** Cancer et Troubles de l'appareil reproducteur - www.P65Warnings.ca.gov.

Pelco, Inc.

625 W. Alluvial Ave., Fresno, California 93711 United States

USA & Canada Tel (800) 289-9100 Fax (800) 289-9150

International Tel +1 (559) 292-1981 Fax +1 (559) 348-1120

www.pelco.com

Pelco, the Pelco logo, and other trademarks associated with Pelco products referred to in this publication are trademarks of Pelco, Inc. or its affiliates. ONVIF and the ONVIF logo are trademarks of ONVIF Inc. All other product names and services are the property of their respective companies.

Product specifications and availability are subject to change without notice.

©Copyright 2019, Pelco, Inc. All rights reserved.