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.

PELCO

TM

TECHNICAL SPECIFICATIONS

MODEL

POE130-XT   Single-Port PoE Gigabit extender powered by IEEE802.3at source

ELECTRICAL

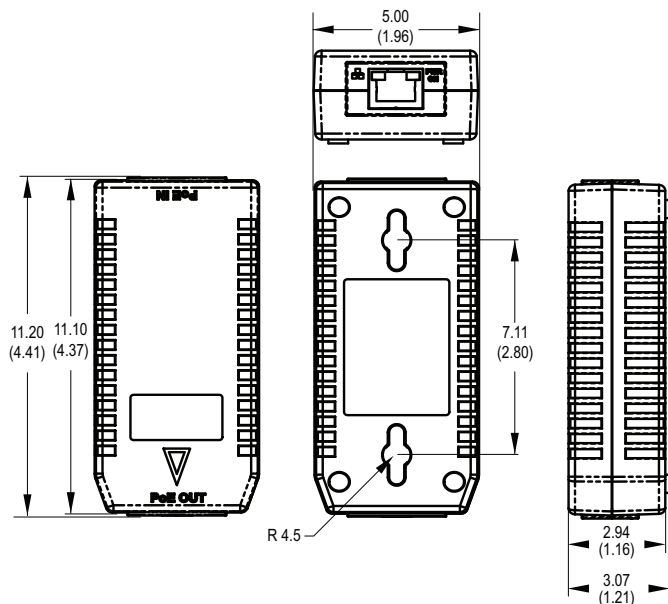### Input (802.3at)

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 IEEEE802.3af 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 diabled

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.

5.00 (1.96)
11.20 (4.41)   11.10 (4.37)
7.11 (2.80)
R 4.5
2.94 (1.16)
3.07 (1.21)