

POE130-AT Single-Port IEEE802.3at Midspan

GIGABIT POWER OVER ETHERNET PLUS

Product Features

- Fully IEEE 802.3at Compliant
- Backward Compatible to IEEE 802.3af Applications
- Guaranteed Output Power of 30 W
- Supports 10/100/1000Base-T Data Rates
- Safe: Low Power Devices Receive Only the Power They Need
- Automatic Detection and Protection of Non-Standard Ethernet Terminals
- Small and Compact Design



The POE130-AT Power over Ethernet (PoE) single-port midspan is designed to meet the demanding data rate and power requirements of IP cameras with high-quality streaming video capabilities. The PoE+ single-port midspan offers total output power of 30 W, and meets the IEEE802.3at standard for detection, connection, disconnection, and fault protection.

The POE130-AT input voltage range is 90 to 264 VAC. Maximum input current is 1 A (RMS) at 100-240 VAC.

TECHNICAL SPECIFICATIONS

MODELS

Model	Description
POE130-ATUS	Single-port PoE+, 30 W midspan, with US power cord
POE130-ATEU	Single-port PoE+, 30 W midspan, with European power cord

ELECTRICAL

Input

Input Voltage Rating	90 to 264 VAC
AC Input Current	1 A (RMS) at 100 to 240 VAC
AC Input Frequency	50 to 60 Hz

Output

Output Voltage	55 VDC
Output Power	30 W
Isolation (HI-POT)	Primary to Secondary: 1,500 VAC for 1 minute, 10 mA
Insulation Resistance	Primary to Secondary: >10 Mohm at 500 VDC
Over Voltage/Current, Short Circuit Protection	The output is equipped with short-circuit protection and overload protection according to the IEEE802.3at specification

Connection

AC Input Connector	3-pin (C5)
Output Connection	
+pins	4, 5
-pins	7, 8
Data IN/OUT Connector	Shielded RJ-45, EIA 568A and 568B

FRONT PANEL INDICATORS/FUNCTIONS

Status LED Color	Description
Yellow	AC Power
Green	Channel Power

ENVIRONMENTAL

Operating Temperature	-10° to 40°C (14° to 104°F)
Storage Temperature	-20° to 70°C (-4° to 158°F)
Maximum Humidity	90% non-condensing

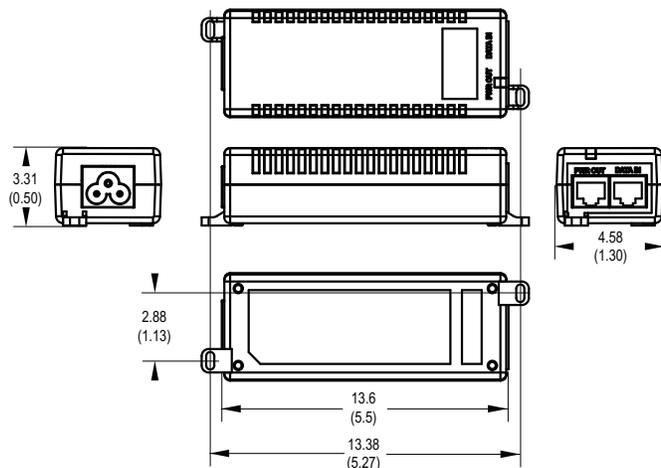
OPTIONAL ACCESSORIES

POE1XT	Single-Port PoE Gigabit Extender extends PoE 100 meters (328 feet) providing a single-port 802.3af output; refer to the POE1XT specification sheet for capabilities
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CERTIFICATIONS

- CE, EN55022 Class B
- FCC, Part 15, Class B
- UL/cUL Listed

 VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.



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