POE8ATN/16ATN 8- or 16-Port IEEE802.3at Midspan

GIGABIT HIGH POWER OVER ETHERNET

Product Features

- Fully 802.3at Compliant Detection, Disconnect, Over Voltage, and Current Protection
- Diagnostic LEDs
- SNMP Network Management
- Optional Secure Sockets Layer (SSL) with SNMPv3
- Full Protection
  - Over Temperature Protection (OTP)
  - Over Current Protection (OCP)
  - Over Voltage Protection (OVP)
- 10/100/1000Base-T Compatibility
- Windows GUI Using USB and Web Interface Through the Network Management Port

The **POE8ATN** and **POE16ATN** Power over Ethernet (PoE) 8-port and 16-port midspans are designed to meet the demanding data rate and power requirements of IP cameras with high-quality streaming video capabilities. The midspan offers total output power of 33.6 W per port, and meets the IEEE802.3at standard for detection, connection, disconnection, and fault protection. Both models provide SNMP network management.

The **POE8ATN** and **POE16ATN** midspans are compatible with 10/100/1000Base-T systems. AC input voltage range is 90 to 264 VAC with an input frequency range of 47 to 63 Hz. Maximum efficiency is typically 75 percent at maximum load and 120 VAC, 60 Hz.

TECHNICAL SPECIFICATIONS

MODELS

POE8ATN-US	8-Port IEEE802.3at midspan with US power cord
POE8ATN-EU	8-Port IEEE802.3at midspan with European power cord
POE16ATN-US	16-Port IEEE802.3at midspan with US power cord
POE16ATN-EU	16-Port IEEE802.3at midspan with European power cord

ELECTRICAL

Input Voltage Rating	90 to 264 VAC
AC Input Current	9 A (RMS) maximum for 90 VAC; 4.5 A (RMS) maximum for 230 VAC
Leakage Current	3.5 mA maximum at 264 VAC, 60 Hz
AC Input Frequency	47 to 63 Hz
AC Inrush Current	30 A (RMS) maximum for 115 VAC; 60 A (RMS) maximum for 230 VAC
Total Output Power	33.6 W total power per port; 269 W total power (8 ports); 538 W total power (16 ports)
Ripple and Regulation	100 mV maximum
Efficiency	75% (typical) at maximum load; 120 VAC, 60 Hz
Hold-Up Time	16 milliseconds minimum; 120 VAC and maximum load
Transient O/P Voltage Protection	60 V maximum at switch; on and off at any AC line phase
Turn-On Delay Time	20 seconds maximum at maximum load and 120 VAC, 60 Hz
Over Voltage/Current, Short Circuit Protection	Outputs equipped with short circuit protection and overload protection according to IEEE802.3at specification; the output can be shorted permanently without damage
Isolation Test	
Primary to Secondary	4,242 VDC for 1 minute
Primary to Ground	2,121 VDC for 1 minute
Secondary to Ground	2,121 VDC for 1 minute
USB Diagnostics Port	USB "B" port for diagnostics and manual port control; Windows GUI
NIC Interface	NIC Interface for remote management by secure IP access
AC Input Connector	IEC320 inlet 3-pin (C14)

FRONT PANEL INDICATORS/FUNCTIONS

Status/Color	Description
Solid Green	Power detected "CONNECT"
Blinking Green	IEEE802.3af detected "CONNECT" at 15.4 W
Solid Yellow	Fault detected

ENVIRONMENTAL

Operating Temperature	0° to 40°C (32° to 104°F)
Storage Temperature	–25° to 65°C (–4° to 149°F)
Over Temperature Protection	Automatic shutdown without damage
Maximum Humidity Gradient	5% to 90%
Immunity EN50082-1	
ESD	EN61000-4-2, Level 3
RS	EN61000-4-3, Level 2
EFT	EN61000-4-4, Level 2
Surge	EN61000-4-5, Level 3
CS	EN61000-4-6, Level 2
Voltage Dips	EN61000-4-11
Harmonic	EN61000-3-2 Class A

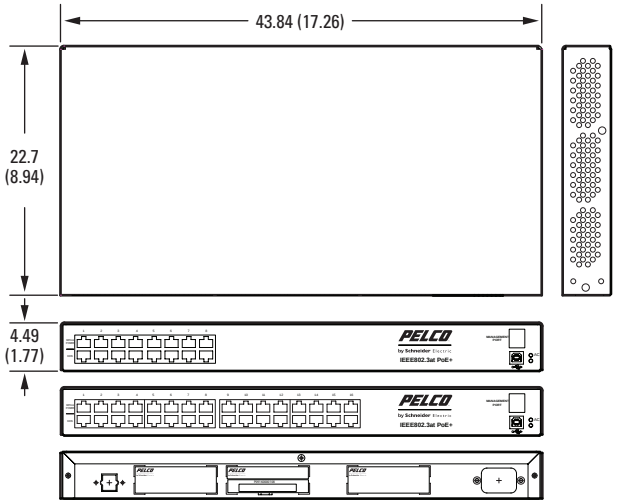
OPTIONAL ACCESSORIES

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
SSL with SNMPv3 (free download)	Secure message transmission using SSL

CERTIFICATIONS

- CE, EN55022 Class A
- CE, EN55022 Class B
- FCC, Part 15, Class A with UTP cabling
- FCC, Part 15, Class B with FTP cabling
- UL/cUL Listed

VALUES IN PARENTHESES ARE INCHES; ALL OTHERS ARE CENTIMETERS.



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