



VPOE-INJ-90BT-A

PoE++ Injector

Single-port 90 W injector compliant to IEEE802.3bt



Overview

Vicon's VPOE-INJ-90BT-A PoE injector is designed to extract power from a conventional twisted pair Category 5 Ethernet cable conforming to IEEE 802.3af/at/bt Power-over-Ethernet (PoE) standard. It can be used with IP devices using PoE technology, including cameras that require the extra power for PoE++.

The PoE injector can pass data up to a distance of 329 ft (100 m). It has auto-detection and protection of legacy non-PoE cameras/devices.

Product at a Glance

- ▶ 90 W PoE++ output power
- ▶ Two RJ-45 ports, 1 Data in and 1 PoE out
- ▶ Compliant to IEEE 802.3bt
- ▶ Output voltage 56 VDC
- ▶ Integral surge protection
- ▶ Auto-detection and protection of legacy non-PoE devices

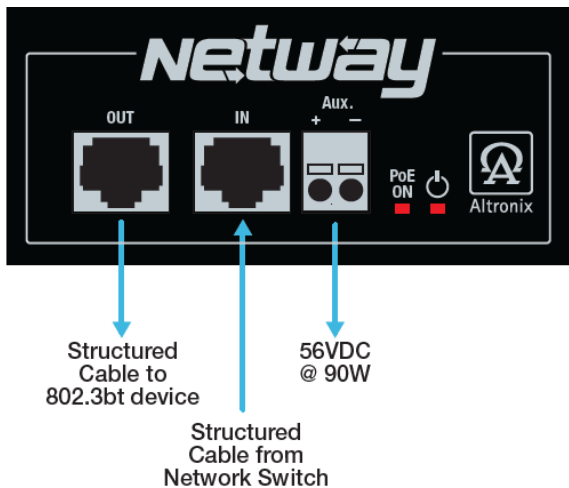
Ordering Information

Model Number	Description
VPOE-INJ-90BT-A	Single-port PoE gigabit injector; compliant to IEEE802.3bt; 90 W output; NDAA/TAA compliant

SPECIFICATIONS

Model	VPOE-INJ-90BT-A
Electrical	
Input Voltage Range:	115 - 230 VAC
Input Current:	115 VAC, 60 Hz: 1.2 A; 230 VAC, 50/60 Hz: 0.75 A
Output Voltage:	56 VDC; Aux Class 2 power
Output Power:	90 W, full power (IEEE 802.3bt; IEEE 802.3af - 15 W/IEEE 802.3at - 30 W)
Protection:	Integral Surge
Indicators and Connectors	
Ports:	1x RJ-45 Data In, auto-crossover; 1x RJ-45 PoE (Data+Power) Out; VAC input socket
Indicator LEDs:	Red: PoE/Power On; Yellow/Green: IP link/Ethernet connectivity status
Mechanical	
Dimensions:	WxDxH: 4.1 x 7.2 x 1.7 in. (105 x 183 x 44 mm)
Weight:	2.2 lb (1.0 kg)
Network	
Data Rates:	10/100/1000 Mbps BaseT; half/full duplex; auto negotiation
Wire Type:	4-pair CAT5e or better structured cable; up to 329 ft (100 m)
Environmental	
Operating Temperature:	-22° to 131°F (-30° to 55°C)
Operating Humidity:	85% (±5%), noncondensing, relative
Country of Origin:	USA
Certifications:	CE
Warranty:	3 years

Typical Application



Data Sheet Number: V322-26-00 Specifications subject to change without notice.

Vicon and their logos are registered trademarks of Vicon Industries Inc. Copyright © 2024 Vicon Industries Inc. All rights reserved.