

PoE Injector

Single-port 60 W injector compliant to IEEE802.3bt



Overview

Product at a Glance

Vicon's VPOE-INJ-60BT PoE injector is designed to extract power from a conventional twisted pair Category 5 Ethernet cable conforming to IEEE 802.3bt 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 monitors the current status of PoE power usage and displays this via advanced LED indication. It also has auto-detection of DC input voltage and remote power feeding up to 328 ft (100 m). [Ordering Information](#)

- 60 W PoE++ output power
- Two RJ-45 ports, 1 Data In and 1 Data + Power Out
- Compatible with IEEE 802.3bt
- Input power 52~56 VDC
- PoE mode DIP switch (standard/legacy and force)
- Auto-detection of PoE
- IEEE802.3af/at/bt equipment to prevent devices from damage by incorrect installation

Description	Model Number
60 W single channel PoE midspan injector; compliant to IEEE802.3bt; NDAA/TSA compliant	VPOE-INJ-60BT

SPECIFICATIONS

Model		VPOE-INJ-60BT
Electrical		
Input Voltage Range:	52~56 VDC; AD to DC power adaptor provided	
Input Current:	1.4 A max	
Output Voltage:	52~56 VDC	
Output Power:	60 W	
PoE Mode:	Standard mode; Legacy and Force mode	
Protection:	ESD, 6KV DC	
Indicators and Connectors		
Ports:	1x RJ-45 STP Data In; 1x RJ-45 STP PoE (Data+Power) Out; VDC input socket	
Indicator LEDs:	Power; PoE Status; Legacy Mode; PoE Usage	
Mechanical		
Dimensions (W x D x H):	3.7 x 2.8 x 1.03 in. (94 x 70.3 x 26.2 mm)	
Weight:	0.44 lb (200 g)	
Network		
Data Rates:	10M/100M/1G/2.5G/5G Gbps	
Network Medium:	10BASE-T: 4 pair unshielded twisted pair (UTP) category 3, 4, 5, 5e, 6, 6A 100BASE-TX: 4 pair unshielded twisted pair (UTP) category 5, 5e, 6, 6A 1G/2.5G: 4 pair unshielded twisted pair (UTP) category 5, 5e, 6, 6A 5G: 4 pair unshielded twisted pair (UTP) category 6, 6A	
Environmental		
Operating Temperature:	32° to 122°F (0° to 50°C)	
Operating Humidity:	5 to 90%, noncondensing, relative	
Country of Origin:	Taiwan	
Certifications:	CE; FCC Part 15 Class A	
Warranty:	3 years	