

POE-INJECTOR-1GIG

802.3at and af Compliant Single Port PoE Injector

Pass Through Data Rates: 1000 Mbps

Power over Ethernet Output

Uses data pins in 1000 CAT5e cabling: 1/2 (+), 3/6 (-)

Output Power Voltage: 52Vdc

High Power: 30Watts (802.3at compliant for higher power)



Product Overview

The POE-INJECTOR-1GIG is a single port, high-power solution for remote powering of current and emerging high power applications over PoE.

Generating up to 30W, enables remote power for a new high power range of applications including 802.11 Access Points, pan-tilt-zoom (PTZ) cameras and video-phones. It complies with IEEE 802.3at PoE standard and is backward compatible to IEEE802.3af (check power pins are compatible with your equipment before use). It is fully compliant with 1000Base-T using the pins 1,2 and 3,6 for data and also DC power.

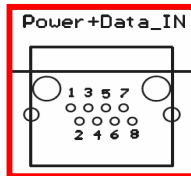
Features

- Up to 30W of Power on 2-pairs
- IEEE 802.3at Compliant with 2-event classification
- IEEE 802.3af backward compatible
- Compatible With All IEEE 802.3af or Legacy (check power pins are compatible with your equipment before use)
- Safe: Low Power Devices Receive Only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non-standard Ethernet Terminals
- Ethernet Terminals
- Supports 1000Base-T applications

- Compact Design Fits Easily in WLAN Access
- Point Installations

Specifications

No. of Ports: 1
 Pass Through Data Rates: 1000 Mbps
 Power over Ethernet Output
 Pin Assignment and Polarity: 1/2 (+), 3/6 (-)
 Output Power Voltage: 52Vdc
 User Port Power: 30Watts
 Input Power AC Input Voltage: 100 to 240 V AC
 Requirements AC Input Current: 0.8A @ 100-240 V AC
 AC Frequency: 50 to 60 Hz
 Dimensions: 87.9 mm x 51.3 mm x 166 mm
 Weight .350g
 Indicators: System Indicator: AC Power (Green)
 User Indicator: Channel Power
 Connectors: Shielded RJ-45, EIA 568A and 568B
 Environmental Conditions:
 Operating Ambient Temperature: -10 to 45oC
 Reliability MTBF: 296,000 hrs. @25oC
 Thermal Rating 27 BTU/Hr (@240VAC)
 Warranty 1-year
 Regulatory IEEE 802.3at, IEEE 802.3af,
 Compliance RoHS Compliant , CE



STANDARD	SOURCE								
		Ethernet RJ-45 connector pin number							
	Source Voltage	1	2	3	4	5	6	7	8
IEEE 802.3af using data pairs	48 V DC, protected	RX, DC+	RX, DC+	TX, DC-	spare	spare	TX, DC-	spare	spare