NPD-5004-POE Midspan PoE Injector

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Invented for life

- Makes PoE cameras easy to install
- Allows one-wire connection
- Reduces power supply requirements
- Compact and cost effective solution
- Supplies up to 15.4 W per port

This power injector allows an existing Ethernet infrastructure to be enhanced for use with PoE cameras.

System overview

The NPD-5004-POE four-port power injector can supply four individual PoE cameras with power.

Functions

The injector converts the AC input power to a +48 VDC power supply which is then provided to the cameras via the Ethernet cable. They support up to 10/100/1000 Mbps pass-through data rates. Each injector provides up to 15.4 W per port.
The PoE midspan injector unit can be easily mounted on a shelf, wall or ceiling

Certifications and approvals

Standards	FCC Part 15, Class B
	EN 60950
	EN 55022 class B
	EN 55024
	IEEE 802.3af

Approvals	UL, cUL, FCC, VCCI, GS mark
Regulatory compliance	CE, RoHS, WEEE,

Region	Certification
Europe	CE

Parts included

- PoE midspan injector unit
- Power cord

Technical specifications

Power	
Input supply voltage	100 to 240 VAC; 50/60 Hz
Maximum input current	1 A @ 110 VAC; 0.4 A @ 240 VAC
Output supply voltage	+ 48 VDC nominal
Output port power	15.4 W max.

Input/output	
Power input connector	IEC 60320
Ethernet connection	Shielded RJ45 connector; EIA 568A and 568B
Data	10/100/1000 Mbps pass-through data rates

Mechanical	
Dimensions (W x H x L)	148 x 43 x 224 mm (5.82 x 1.69 x 8.82 in)
Weight	620 g (1.4 lb)

Environmental	
Operating Temperature	0°C to +40°C (32°F to 104°F)
Storage Temperature	-20°C to +70°C (-4°F to 158°F)
Operating Humidity	90% RH max. non-condensing
Storage Humidity	95% RH max. non-condensing
Thermal rating	51 BTU/hour

Ordering information

NPD-5004-POE Midspan PoE Injector
Power-over-Ethernet midspan injectors for use with PoE enabled cameras; 15.4 W, 4-ports
Order number **NPD-5004-POE**

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