

NPD-5004-POE Midspan PoE Injector

www.boschsecurity.com



BOSCH
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**

Represented by:

North America:
Bosch Security Systems, Inc.
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
security.sales@us.bosch.com
www.boschsecurity.us

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5617 BA Eindhoven, The Netherlands
Phone: + 31 40 2577 284
Fax: +31 40 2577 330
emea.securitysystems@bosch.com
www.boschsecurity.com

Asia-Pacific:
Robert Bosch (SEA) Pte Ltd, Security Systems
11 Bishan Street 21
Singapore 573943
Phone: +65 6571 2808
Fax: +65 6571 2699
apr.securitysystems@bosch.com
www.boschsecurity.asia

China:
Bosch (Shanghai) Security Systems Ltd.
203 Building, No. 333 Fuquan Road
North IBP
Changning District, Shanghai
200335 China
Phone +86 21 22181111
Fax: +86 21 22182398
www.boschsecurity.com.cn

Latin America and Caribbean:
Robert Bosch Ltda Security Systems Division
Via Anhanguera, Km 98
CEP 13065-900
Campinas, Sao Paulo, Brazil
Phone: +55 19 2103 2860
Fax: +55 19 2103 2862
latam.boschsecurity@bosch.com
www.boschsecurity.com