

NPD-9001-E Midspan bt 90W IP67

PoE Midspan



- ▶ Makes PoE cameras easy to install
- ▶ Plug-and-play installation
- ▶ For outdoor usage
- ▶ One part-number for worldwide use (AC connector)
- ▶ Includes integrated 6kV surge protection

The PoE Midspan for outdoor installations enables remote PoE power for various Bosch IP PTZ cameras. The PoE Midspan generates a maximum of 90 W and complies to the IEEE 802.3bt type 4 standard. The PoE Midspan also offers surge protection for both the AC and the PoE ports to protect the indoor equipment from outdoor power surges.

Regulatory information

Standard	Type
Regulatory compliance	IEEE 802.3bt type 4 RoHS compliant WEEE Compliant CE
Electromagnetic emission & immunity	FCC Part 15, Class B EN 55032 Class B EN 55035 VCCI
Surge protection	Meets Surge Protection as specified in: GR-1089-CORE Issue 6 ITU-T K.21 enhanced surge level protection (6 kV on data and AC lines)
Safety	UL/IEC/EN 62368-1 UL 60950-22
Other standards and approvals	Dust and water intrusion: EN60529 Level1P66

Standard	Type
	NEMA 250, Level 4X ASTM B-117 corrosion resistance

Region	Regulatory compliance/quality marks
Europe	CE

Parts included

Quantity	Component
1	PoE Midspan
1	Waterproof gland
1	Quick installation guide

Technical specifications

Electrical

PoE input	Supports IEEE 802.3bt type 4 standard PDs
PoE output pin assignment and polarity	4/5 (+), 7/8 (-), 1/2(-), 3/6(+)
PoE output power voltage (VDC)	54 VDC
PoE output user port power (W)	90 W
Input voltage (VAC)	100 VAC – 240 VAC (± 10%)

Input current (A)	1.2 A at 100 VAC
AC frequency (Hz)	50 - 60 Hz
Maximum heat loss (BTU/h)	51 BTU/h

Connectivity

Number of ports	1
Data rates (Mbps)	10/100/1000 Mbps
Connectors	Shielded RJ-45 (with gasket)
Reliability	MTBF: 187,000 h at 25 °C

Environmental

Operating temperature (°C)	-40 °C – 60 °C
Operating temperature (°F)	-40 °F – 140 °F
Storage temperature (°C)	-40 °C – 85 °C
Storage temperature (°F)	-40 °F – 185 °F
Operating relative humidity, non-condensing (%)	95%
Storage relative humidity (%)	95%
Maximum operating altitude (m)	2000 m
Maximum operating altitude (ft)	6560 ft

Construction

Dimensions (H x W x D) (mm)	60 mm x 140 mm x 170 mm
Dimensions (H x W x D) (in)	2.36 in x 5.51 in x 6.69 in
Weight (g)	1400 g
Weight (lb)	3.08 lb

Ordering information

NPD-9001-E Midspan bt 90W IP67

Outdoor midspan with Power-over-Ethernet for use with PoE-enabled cameras; 90 W, single-port
Order number **NPD-9001-E | F.01U.398.268**

Accessories

NDA-6090-PMA Pole mount for midspan bt outdoor
Pole mount for outdoor PoE midspans NPD-6001C-E / NPD-6001C-EBT and NPD-9001-E / NPD-9001-EBT
Order number **NDA-6090-PMA | F.01U.402.626**

Represented by:

Europe, Middle East, Africa:
Bosch Security Systems B.V.
P.O. Box 80002
5600 JB Eindhoven, The Netherlands
Phone: + 31 40 2577 284
www.boschsecurity.com/xc/en/contact/
www.boschsecurity.com

Germany:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Ring 5
85630 Grasbrunn
Tel.: +49 (0)89 6290 0
Fax: +49 (0)89 6290 1020
de.securitysystems@bosch.com
www.boschsecurity.com

North America:
Bosch Security Systems, LLC
130 Perinton Parkway
Fairport, New York, 14450, USA
Phone: +1 800 289 0096
Fax: +1 585 223 9180
onlinehelp@us.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
www.boschsecurity.com/xc/en/contact/
www.boschsecurity.com