

## 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 compatible IP PTZ cameras from Bosch. 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

Standard	Type
Other standards and approvals	Dust and water intrusion: EN60529 Level 1P66 NEMA 250, Level 4X ASTM B-117 corrosion resistance

Region	Regulatory compliance/quality marks
Europe	CE

#### Installation/configuration notes

- i Notice**  
Use only with cameras that support the IEEE 802.3bt standard.

See the datasheet for your camera, make sure the midspan you will use is listed as the accessory.

#### 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)	1.20 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
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Dimensions (H x W x D) (in)	2.36 in x 5.51 in x 6.69 in
Weight (g)	1,400 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**

### 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**



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