

## NPD-6001C-E Midspan, bt, 60W, 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 60 W and complies to the IEEE 802.3 af/at/bt standards.

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 3 RoHS compliant WEEE compliant CE
Electromagnetic emission & immunity	FCC Part 15, Class B EN 55032 Class B (emissions) EN 55024 EN61000-4-5: Class 5 (AC lines 6kV CM/DM) VCCI
Surge protection	Design to meets surge protection as specified in: GR-1089-CORE Issue 4 ITU-T K.21 enhanced surge level protection (6 kV on data and AC lines)
Safety	UL/IEC/EN 60950-1 (ed.2) UL 60950-22

Standard	Type
Other standards and approvals	Dust proof and water resistance: EN60529 Approvals level IP67 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 3 standard PDs
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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)	60 W (guaranteed)
Input voltage (VAC)	100 VAC – 240 VAC (± 10%)
Input current (A)	2 A at 100 - 240 VAC
AC frequency (Hz)	50 - 60 Hz
Maximum heat loss (BTU/h)	35 BTU/h

### Connectivity

Number of ports	1
Data rates (Mbps)	10/100/1000 Mbps
Connectors	Shielded RJ-45 (with gasket), AC connector
Reliability	MTBF: 200,000 h at 25 °C

### Mechanical

#### Environmental

Operating temperature (°C)	-40 °C – 65 °C
Operating temperature (°F)	-40 °F – 149 °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
Usage	Outdoor

#### 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)	1,400 g
Weight (lb)	3.08 lb
Color	White

### Ordering information

#### **NPD-6001C-E Midspan, bt, 60W, IP67**

Outdoor midspan with Power-over-Ethernet for use with PoE-enabled cameras; 60 W, single-port  
Order number **NPD-6001C-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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