

NPD-6001-IBT Midspan bt 60W indoor industrial TAA

PoE Midspan



The PoE Midspan for industrial applications enables remote PoE power for various Bosch IP cameras. The PoE Midspan generates a maximum of 60 W and complies to the IEEE 802.3at PoE standard and is backward compatible to IEEE 802.3af.

The industrial model also has two key features:

Compact size: The compact size of the midspan allows installers to put the midspan into an outdoor casing (for example, for a traffic application).

Wide operating temperature range: With a wide operating temperature range (-40 °C to +75 °C (-40 °F to +167 °F)), the NPD-6001C-E midspan is suitable for an outdoor environment, and can support installation on a DIN-mount rack.

Regulatory information

Standard	Type
Regulatory compliance	IEEE 802.3bt (PoE) RoHS compliant WEEE compliant CE
Electromagnetic emission & immunity	FCC Part 15, Class A EN 55032 Class A (emissions) EN 55024 (immunity)
Safety	UL508 UL/EN/IEC 60950-1 (ed. 2)
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-31

- ▶ Makes PoE cameras easy to install
- ▶ Plug-and-play installation
- ▶ Industrial rated
- ▶ DIN-mount support
- ▶ Wide operating temperature range

Standard	Type
Vibration	IEC 60068-2-6

Parts included

Quantity	Component
1	PoE Midspan
1	DIN-mount bracket set
1	Quick installation guide

Technical specifications

Electrical

PoE input	IEEE 802.3bt type 3 compliant
PoE output pin assignment and polarity	1/2 (-), 3/6 (+), 4/5 (+), 7/8 (-)
PoE output power voltage (VDC)	55 VDC
PoE output user port power (W)	60 W (guaranteed)
Input voltage (VDC)	20 VDC – 60 VDC
Input current (A)	4 A
Maximum heat loss (BTU/h)	32 BTU/h at 60 VDC

Connectivity

Number of ports	1
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Data rates (Mbps)	10/100/1000 Mbps
Connectors	Shielded RJ-45, EIA 568A, 568B
Reliability	MTBF: 170,000 h at 25 °C

Operation

Power 1	Power 1 source is connected
Power 2	Power 2 source is connected
Alarm	One of power 1 or power 2 sources is faulty
PoE	PoE is active and delivering power

Environmental

Operating temperature (°C)	-40 °C – 75 °C
Operating temperature (°F)	-40 °F – 167 °F
Storage temperature (°C)	-40 °C – 85 °C
Storage temperature (°F)	-40 °F – 185 °F

Construction

Dimensions (H x W x D) (mm)	111 mm x 35 mm x 78 mm
Dimensions (H x W x D) (in)	4.37 in x 1.38 in x 3.07 in
Weight (g)	373 g
Weight (lb)	0.82 lb

Ordering information

NPD-6001-IBT Midspan bt 60W indoor industrial TAA
 industrial midspan with Power-over-Ethernet for use
 with PoE-enabled cameras; 60 W, single-port
 TAA compliant
 Order number **NPD-6001-IBT | F.01U.404.540**

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