

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

PoE Midspan



The PoE midspan for industrial applications enables remote PoE power for compatible IP cameras from Bosch. The PoE midspan generates a maximum of 60 W and complies to the IEEE 802.3bt standard.

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

Installation/configuration notes

- 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	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
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**



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