

NPD-6001B Midspan, 60W, single port, AC in High POE midspans



60 W Midspan

The 60 W midspan (NPD-6001B) enables remote High Power over Ethernet (High PoE) for various Bosch IP/HD PTZ cameras. Generating a maximum of 60 W, it complies to both the IEEE 802.3af and the IEEE 802.3at standards, while doubling the available power.

Rated for indoor installation only, the midspan can be installed indoors and wired to a camera installed outdoors.

The midspan provides surge protection, optimal for installation of outdoor powered devices.

The midspan has a single port and is designed to carry data and power over a standard CAT5e (or better) cable, delivered through all 4 pairs.

Certifications and approvals

Electromagnetic Compatibility (EMC)	Complies with FCC Part 15, ICES-003, and CE regulations, including EN 55032 Class B (emission), EN 55024 (Immunity), and VCCI
Product Safety	Complies with UL/cUL, GS Mark per EN 60950-1
Regulatory Compliance	IEEE 802.3af (PoE), IEEE 802.3at (PoE+, including 2-event), RoHS Compliant, WEEE Compliant, CE
Lightning protection	Meets GR-1089-CORE lightning protection demands

- ▶ Supports high-power PoE/PoH and complies to both the IEEE 802.3af and the IEEE 802.3at standards
- ▶ Lightning protection
- ▶ Detects and protects non-standard Ethernet terminals automatically
- ▶ Indoor models mount to a wall, shelf, bench or desktop

EN 61000-4-5 (10/700 μ sec, 4kv)

Surge protection: IEC 61643-21

ITU-T K.45 International standard

Region	Regulatory compliance/quality marks	
Europe	CE	(Declaration of Conformity) NPD-6001B

Installation/configuration notes

Surface mounting



Parts included

Quantity	Component
1	60W midspan
1	120 V power cord
1	230 V power cord
1	Quick installation guide

Technical specifications

User Connections

Connectors	Shielded RJ-45 100 Base-TX Ethernet PoE++ EIA 568A and 568B
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Data

Data transmission	Data provided over pairs 1/2 and 3/6 for 10/100 Ethernet
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Electrical

Input Voltage	100 to 240 VAC, 50/60 Hz
Output Voltage	54-57 VDC (nominal)
Input Current	1.5 A
High Power Over Ethernet (High PoE) Output	Pin Assignment and Polarity: 4 Pair power - Pairs 1/2 (-) and 3/6 (+) - Pairs 7/8 (-) and 4/5 (+) User Port Power: 60 W maximum
Surge protection	Yes

Environmental

Operating Temperature	At 60 W: -10 °C to +40 °C (+14 °F to +104 °F) At 30 W: -10 °C to +50 °C (+14 °F to +122 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Operating Humidity	Maximum 90% relative, non-condensing
Storage Humidity	Maximum 95% relative, non-condensing

Construction

Dimensions (W x H x L)	62 mm x 38 mm x 151 mm (2.44 in. x 1.5 in. x 5.94 in.)
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Weight	340 g (0.75 lbs)
Mounting	To wall, shelf, bench or desktop

Miscellaneous

Number of Ports	One (1)
Pass through data rates	10/100/1000 Mbps
Maximum cable length recommended	Not to exceed 100 m (333 ft) between network source and terminal
System Indicators	AC Power (yellow) Channel Power (green)

Ordering information

NPD-6001B Midspan, 60W, single port, AC in
60 W indoor midspan for cameras without illuminators
Order number **NPD-6001B | F.01U.392.458**
F.01U.347.358

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