

NPD-9501A Midspan, high PoE, single port, AC in

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- ▶ Supports high-power PoE/PoH and complies to both the IEEE 802.3af and the IEEE 802.3at standards
- ▶ 95 W
- ▶ Mounts to a wall, shelf, bench, desktop, and to other units of the same model

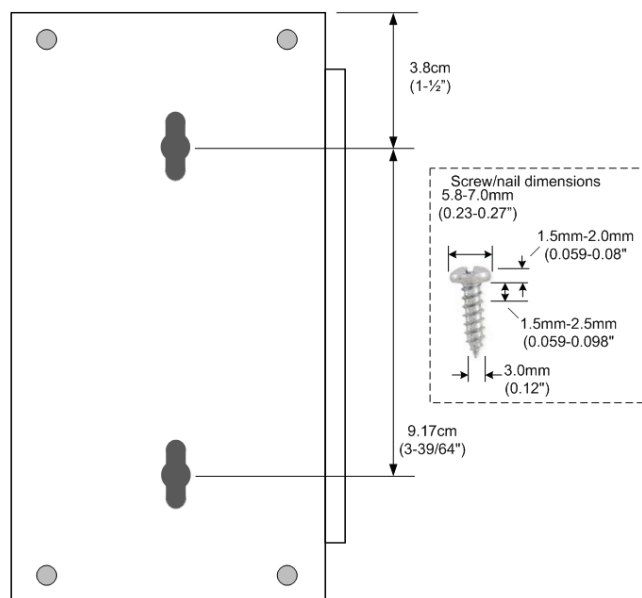
95 W Midspan

The 95 W midspan is a high-power PoH (Power Over HDBase T) device that provides data and power between an Ethernet (remote network) switch and a MIC7000, MIC IP starlight 7000i, or MIC IP fusion 9000i camera.

Certifications and approvals

Electromagnetic Compatibility (EMC)	Complies with FCC Part 15, ICES-003, and CE regulations, including EN 55022 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

Region	Regulatory compliance/quality marks	
Europe	CE	(Declaration of Conformity) High PoE Midspan 95W
USA	UL	High PoE Midspan 95W

Installation/configuration notes**Surface mounting****Parts included**

Quantity	Component
1	NPD-9501A High PoE Midspan 95 W
1	120 V power cord
1	230 V power cord
1	Installation Manual

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	100-240 VAC, 50/60 Hz
Output Voltage	54-57 VDC (nominal)
Input Current	1.8 A (maximum)
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: 95 W maximum
Surge protection	No

Environmental

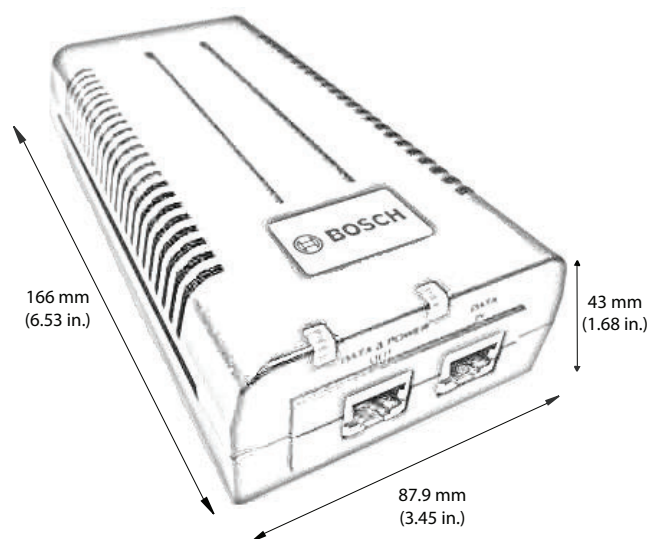
Operating Temperature	At 95 W: -10 °C to +40 °C (+14 °F to +104 °F) At 60 W: -10 °C to +45 °C (+14 °F to +113 °F) At 30 W: -10 °C to +55 °C (+14 °F to +131 °F)
Storage Temperature	-20 °C to +70 °C (-4 °F to +158 °F)
Operating Humidity	10%-95%, non-condensing
Storage Humidity	5%-95%, non-condensing

Construction

Dimensions (W x H x L)	87.9 mm x 43 mm x 166 mm (3.46 in. x 1.68 in. x 6.53 in.)
Weight	400 g (0.88 lb)
Mounting	To wall, shelf, bench, desktop, and to other 95 W model units

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 (green) Channel Power (green and orange)

Dimensional Drawings

Ordering information

NPD-9501A Midspan, high PoE, single port, AC in

High PoE, 95 W, Single port indoor Midspan.
120/230VAC input. Supplies a data and power
interface to camera using a single standard CAT5e (or
better) network cable.
Order number **NPD-9501A**

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