

NPD-9501A Midspan, 95W, single port, AC in



The 95 W midspan is a high-power PoH (Power Over HDBase T) device that provides data and power between an Ethernet switch and an IP camera.

Regulatory information

Electro-magnetic 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

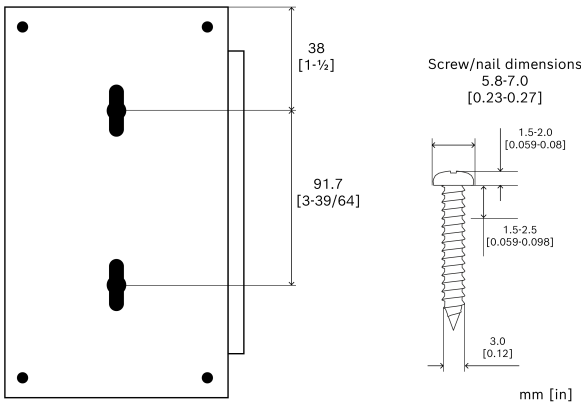
Region	Regulatory compliance/quality marks	
Europe	CE	(Declaration of Conformity) NPD-9501-A
USA	UL	High PoE Midspan 95W



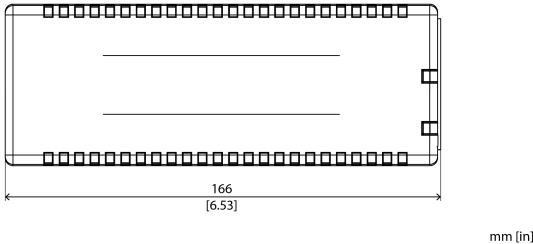
- Supports high-power PoE/PoH and complies to both the IEEE 802.3af and the IEEE 802.3at standards
- Mounts to a wall, shelf, bench, desktop, and to other units of the same model
- 95 W model also mounts to other 95 W model units

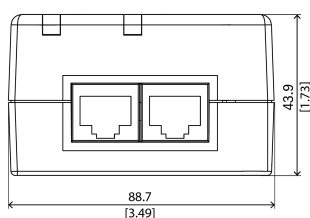
Installation/configuration notes

Surface mounting



Dimensional Drawings





mm [in]

Parts included

Quantity	Component
1	95W indoor midspan
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
------------	--

Data

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

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

Connectors	Shielded RJ-45; EIA 568A and 568B (100 Base-TX Ethernet PoE++ for PoH mid-spans)
Pass through data rates	10/100/1000 Mbps
Maximum cable length recommended	Not to exceed 100 m (328 ft) between network source and terminal

Ordering information

NPD-9501A Midspan, 95W, single port, AC in
95 W indoor PoE midspan for AUTODOME and MIC cameras
Order number **NPD-9501A**


<https://www.boschsecurity.com>