

# Eaton Midspan Power over Ethernet



Voice-over-Internet-Protocol

## Features

- Improved continuity of service—a Power over Ethernet (PoE) system protected by a UPS eliminates power cuts and ensures that the IP telephone network is always available
- Power is supplied to the equipment connected to the IP network over the existing wiring, saving additional cost
- Plug-and-play format makes installation easy

PoE technology can be used to supply power to IP network equipment such as IP telephones and WiFi access points using the existing local network cables.

Eaton's Midspan PoE is a practical alternative for adding PoE capability to existing networks without having to upgrade expensive switches or other IT equipment.

## Midspan PoE solution

The Midspan PoE can be installed between a standard Ethernet switch and the terminals without modifying the existing wiring. It is the ideal solution for updating equipment: quick and easy to install, improved continuity of service, and cheaper than adding new PoE switches. This solution improves the availability of critical applications even further when used with remote supervision of the Midspan PoE and the UPS.

## Midspan PoE

### Universal

- Compatible with more than 120 different DTEs.
- SNMP supervision
- 100% IEEE 802.3af compatible

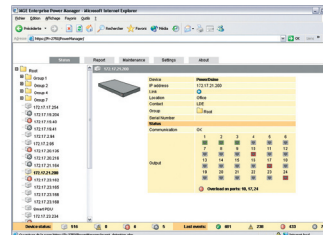
### Plug and play installation

- No configuration required
- Intelligent PoE terminal detection

### Compact

- 24 ports in 1U rack mounted unit

## Supervision



## Using Enterprise Power Manager\*:

- Auto-detection of Midspan PoEs
- Status and alarms from the main page with level of criticality
- Direct access to the Midspan PoE page for more information

\*Only for Midspan 24 NM2

## Customer service and support

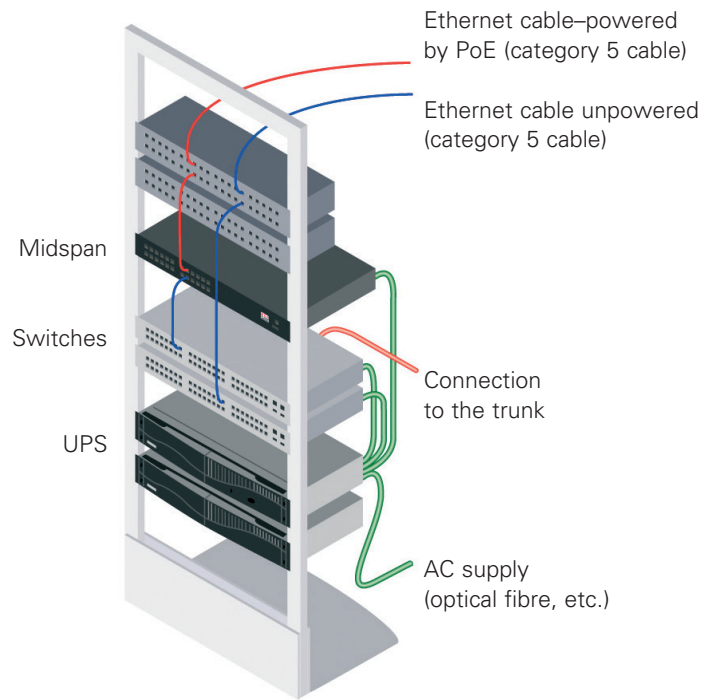
Two-year limited warranty



Powering Business Worldwide

# Technical specifications<sup>1</sup>

<b>ETHERNET NETWORK</b>	Category 5/5e/6
<b>NUMBER OF PORTS</b>	24
<b>DATA RATE</b>	10/100 Mbps
<b>PoE OUTPUTS</b>	
Output voltage	48 Vdc
Rating per RJ45 port	15.4W max.
Total rating available	200W
<b>CONNECTORS</b>	RJ45 screened
<b>ON-UNIT MONITORING</b>	On front panel, by LED
<b>INDICATORS</b>	System status—AC supply (green/orange LEDs) Supply to RJ45 ports—(green/orange LEDs)
<b>REMOTE SUPERVISION</b>	Midspan 24 NM2 and Enterprise Power Manager software
<b>DIMENSIONS AND WEIGHT</b>	
Dimensions: H x W x D, in (cm)	1.7 (1U) x 17.2 x 10.7 (4.4 x 43.8 x 27.1)
Weight, lb (kg)	10.1 (4.6)
<b>OPERATING CONDITIONS</b>	
Temperature	32 to 104°F (0 to 40°C)
Relative humidity	90% maximum
Altitude	-300 to 3000m
<b>STORAGE CONDITIONS</b>	
Temperature	-4 to 158°F (-20 to 70°C)
Relative humidity	95% maximum
<b>CONFORMITY</b>	CE
<b>ELECTROMAGNETIC COMPATIBILITY</b>	FCC part 15, class B with FTP cable EN 55022 (CISPR 22), class B with FTP cable EN 55024 (CISPR 24)
<b>APPROVALS</b>	UL/cUL to EN60950 GS Mark to EN60950



**Network rack in a data/communications center**

## MIDSPAN POE

Catalog Number	Style Number	Description	Dimensions (H x W x D, inches)	Weight (lb)
MDSPN-24	66895	Midspan PoE 24-port—Standard Model	1.7 (1U) x 17.2 x 10.7	10.1
MDSPN-24WEB	66887	Midspan PoE 24-port—SNMP-Network Management Model	1.7 (1U) x 17.2 x 10.7	10.1



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Finland: 358.94.52.661  
France: 33.1.6012.7400  
Germany: 49.0.7841.604.0  
Italy: 39.02.66.04.05.40  
Norway: 47.23.03.65.50  
Portugal: 55.11.3616.8500  
Sweden: 46.8.598.940.00  
United Kingdom: 44.1753.608.700

ASIA PACIFIC  
Australia/NZ: 61.2.9693.9366  
China: 86.21.6361.5599  
HK/Korea/Taiwan: 852.2745.6682  
India: 91.11.2649.9414 to 18  
Singapore/SEA: 65.6829.8888

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