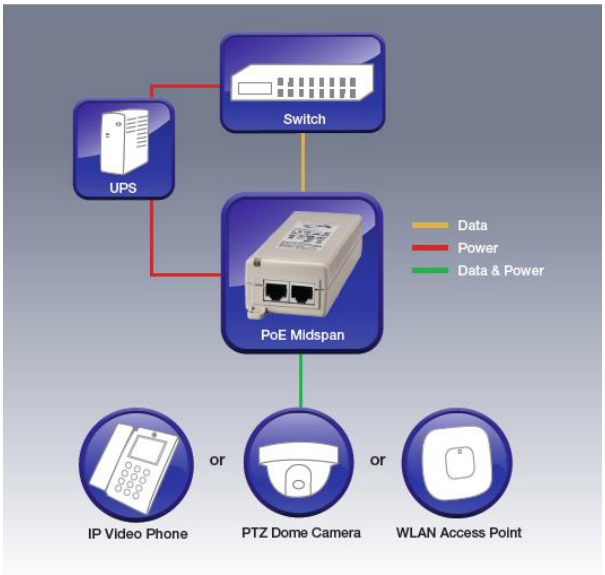
PD-3501G Midspan

Single-port Gigabit PoE Midspan, 802.3af Compliant



Overview

Microsemi's PD-3501G single-port PoE midspan offers a compact and cost effective, IEEE 802.3af compliant solution for powering IP phones, WLAN access points, network cameras and other IP terminal devices.
The compact and affordable PD-3501G provides reliable power over standard Ethernet cables, leaving existing network infrastructure completely unaltered.
With plug-and-play installation, the PD-3501G can be easily and cost effectively implemented leveraging the existing Ethernet infrastructure while at the same time providing the assurance of a future proof network.

PD-3501G Features

- Safe & reliable power over existing Ethernet infrastructure
- Stackable and compact
- Plug-and-play installation
- Guaranteed uptime

Specifications

Feature	Description
No. of Ports	1
Data Rates	10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: Spare Pairs 7/8 (-) and 4/5 (+) Output Power Voltage: 48 VDC
User Port Power	15.4 Watts (Guaranteed)
Input Power Requirements	AC Input Voltage: 100 to 240Vac (±10%) AC Input Current: 0.43A @ 100-240Vac AC Frequency: 50 to 60Hz
Dimensions	51.8mm (W) x 34.8mm (H) x 160.5mm (L) ±0.5mm 2.04 in. x 1.37 in. x 6.31 in ±0.02 in
Weight	.44 lbs (200g)
Indicators	User Indicator: Channel Power (Green)
Connectors	Shielded RJ-45, EIA 568A and 568B
Environmental Conditions	Operating Ambient Temperature: Conditions 32º to 104ºF (0 to 40ºC)
	Operating Humidity: Maximum 90%, Non-condensing
	Storage Temperature: -4º to 158ºF (-20º to 70ºC)
	Storage Humidity: Maximum 95%, Non-condensing
	Operating Altitude: –1000 to 10,000 ft. (–304.8 to 3048 m)
Reliability	MTBF: 100,000 hrs. @ 25ºC
Thermal Rating	13 BTU/Hr (@240VAC)
Warranty	1-year
Regulatory Compliance	IEEE 802.3af (PoE), RoHS Compliant, WEEE Compliant, CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN 55032 Class B (Emissions) EN 55024 (Immunity) VCCI
Safety	UL/EN/IEC 60950-1 (Ed.2)

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Ordering Information

Microsemi p/n	Name	Description
PD-3501G/AC	Microsemi PD-3501G	Single-port, Gigabit PoE Midspan, 802.3af Compliant

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