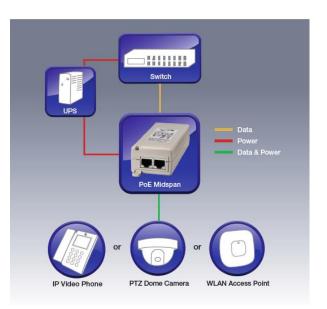


## PD-3501G Midspan

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

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**

Footure	Description	
Feature	Description	
No. of Ports	4	
	1 10/100/1000 Mittag	
Data Rates	10/100/1000 Mbps	
Power over	Pin Assignment and Polarity: Spare Pairs 7/8 (-) and 4/5 (+)	
Ethernet Output	Output Power Voltage: 48 VDC	
User Port Power	15.4 Watts (Guaranteed)	
Input Power	AC Input Voltage: 100 to 240Vac (±10%)	
Requirements	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	Operating Ambient Temperature:	
Conditions	Conditions 32° to 104°F (0 to 40°C)	
	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. @ 25°C	
Thermal Rating	13 BTU/Hr (@240VAC)	
Warranty	1-year	
Regulatory	IEEE 802.3af (PoE), RoHS Compliant,	
Compliance	WEEE Compliant, CE	
Electromagnetic	FCC Part 15, Class B	
Emission	EN 55032 Class B (Emissions) EN 55024 (Immunity)	
& Immunity	VCCI	
Safety	UL/EN/IEC 60950-1 (Ed.2)	

Single-port Gigabit PoE Midspan, 802.3af Compliant

#### **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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