

# PD-3501GC

## Single Port PoE IEEE 802.3af Gigabit Midspan

### Summary

Microchip's PD-3501GC 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-3501GC provides reliable power over standard Ethernet cables, leaving existing network infrastructure completely unaltered.

With plug-and-play installation, the PD-3501GC 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. The single port injector can provide up to 15.4 Watts.



### Key Features

- Provides up to 15.4 Watts
- Plug and play installation
- Supports 10/100/1000 mbps

### Specifications

Feature	Description
No. of Ports	1
Data Rates	10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 50 Vdc
User Port Power	15.4 Watts (Guaranteed)
Input Power Requirements	AC Input Voltage: 100 to 240 Vac AC Input Current: 0.5A @ 100 Vac AC Frequency: 50 to 60 Hz
Dimensions	40 mm (W) x 30.8 mm (H) x 115.4 mm (L)
Weight	.256 lbs (116 g)
Connectors	Shielded RJ-45, EIA 568A and 568B
Environmental Conditions	Operating Ambient Temperature: 14°F to 104°F (-10°C to +40°C)
	Operating Humidity: Maximum 95%, Non-condensing Storage Temperature: -4°F to +158°F (-20°C to +70°C)
	Storage Humidity: Maximum 95%, Non-condensing
Reliability	MTBF: 200,000 hrs. @ 25°C
Warranty	1-year
Regulatory Compliance	RoHS Compliant, WEEE Compliant, CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B
	EN 55032 Class B
	EN 55024
	VCCI
Safety	UL/IEC/EN 60950-1 (ed. 2)

## Ordering Information

Product Name	Description	Part Number
PD-3501GC	Single port PoE IEEE 802.3af Gigabit indoor midspan	PD-3501GC/AC-US PD-3501GC/AC-EU PD-3501GC/AC-UK PD-3501GC/AC-AU

### For More Information

[www.microsemi.com](http://www.microsemi.com)



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