



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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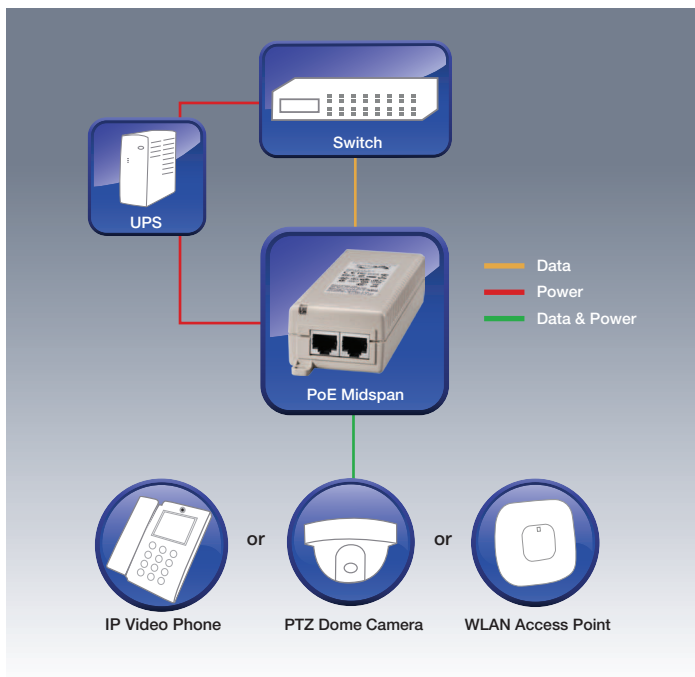
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PD-3501G Midspan

Single-port Gigabit PoE Midspan, 802.3af Compliant



PD-3501G Specifications

No. of Ports	1
Pass Through Data Rates	10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 48Vdc User Port Power: 15.4W (Guaranteed)
Input Power Requirements	AC Input Voltage: 90 to 264 Vac AC Input Current: 0.5A @110-240Vac AC Frequency: 47 to 63 Hz
Dimensions	53 mm (W) x 32.5 mm (H) x 140 mm (L) 2.09 in. x 1.28 in. x 5.5 in
Weight	.44 lbs (200g)
Indicator	User Indicator: Channel Power (Green)
Connectors	Shielded RJ-45, EIA 568A and 568B
Environmental Conditions	Operating Ambient Temperature: 32° to 104°F (0 to 40°C) Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: -4° to 158°F (-20° to 70°C) 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, WEEE Compliant, CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN 55022 Class B EN 55024, VCCI
Safety Approvals	UL/cUL Per EN 60950-1 GS Mark Per IEC 60950-1

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
- Cisco and legacy PoE support*
- Plug-and-play installation
- Guaranteed uptime

* Dongles required

Ordering Information

Part Number	Name	Description
PD-3501G/AC	Microsemi PD-3501G	1-port 10/100/1000 Mbps



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