PD-3504G

4-port 802.3af Compliant Gigabit Midspan



Summary

Microchip's PD-3504G offers a cost effective, IEEE 802.3af compliant solution to upgrade existing infrastructures with PoE, providing a maximum of 15.4 watts of power through each port and ensuring safe operation of any standard PoE data terminal. The PD-3504G provides PoE to IP telephones, wireless LAN access points, security network cameras and IP terminals to receive power, along with data, over standard Ethernet cables, leaving network infrastructure completely unaltered.

With the midspan's plug-and-play installation, they are easily and cost effectively implemented leveraging an existing Ethernet infrastructure while at the same time providing the assurance of a future proof network.

PD-3504G Features

- Safe and reliable power over existing Ethernet infrastructure
- IEEE 802.3af compliant
- Stackable and compact
- Legacy PoE support
- Plug-and-play installation

Feature	Description
Number of Ports	4
Data Rate	10/100/1000 Mbps
Input Power Requirement	AC Input Voltage: 100 to 240 Vac AC Input Current: 1.6A AC Frequency: 50/60 Hz
Output Power	15.4W
Power over Ethernet Output	4/5 (+), 7/8 (–) Nominal Output Voltage: 55 VDC
Dimensions	L x W x H 224 mm x 148 mm x 43 mm 8.82 in x 5.82 in x 1.69 in
Net Weight	820 gr (1.8 lbs)
Connectors	Shielded RJ-45, EIA 568A and 568B
Indicators	System Indicator: AC Power - Green User Indicator: Channel Power - Green
Environmental Conditions	Operating Ambient Temperature: 32ºF to 104ºF (0ºC to +40ºC) Operating Humidity: Maximum 90% Storage Temperature: –4ºF to +158ºF (–20ºC to +70ºC), Non Condensing Storage Humidity: Maximum 95%, Non-condensing Operating Altitude: –1000 to 10,000 ft. (–304.8 to 3048 m)
Hazardous Substances	CE, WEEE
Warranty	1 year
Reliability	MTBF: 300,000 hrs @25C
Thermal Rating	51 BTU/hr
Regulatory Compliance	IEEE 802.3af
Electromagnetic Emission and Immunity	FCC Part 15 Class B EN 55032 Class B EN55035 VCCI
Safety	UL/IEC/EN 62368-1 Please contact Microchip for a complete list of certifications

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Technical Support

For technical support please visit the Microchip Technical Support Portal www.microchip.com/support.

Ordering Information

Part Number	Name	Ports
PD-3504G/AC-XX PD-3504G/AC-AU Australia Power Cord PD-3504G/AC-EU European Union Power Cord PD-3504G/AC-JP Japan Power Cord PD-3504G/AC-UK United Kingdom Power Cord PD-3504G/AC-US United States Power Cord	PD-3504G	4-port

Contact Microchip for other options

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