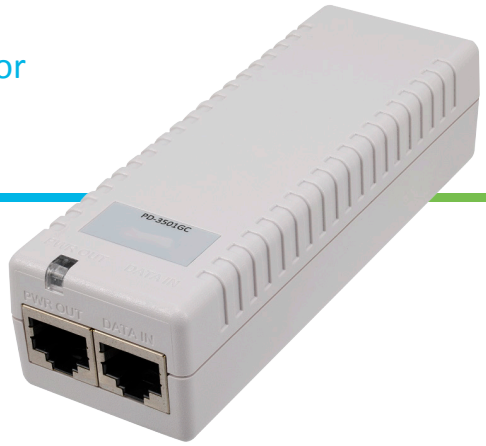
PD-3501GC Indoor Injector

Single-Port 802.3af-Compliant Gigabit PoE Indoor Injector



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.

PD-3501GC Features

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

PD-3501GC Specifications

Feature	Description
Number of Ports	1
Data Rate	10/100/1000 Mbps
Input Power Requirement	AC Input Voltage: 100 to 240 Vac AC Input Current: 0.5A AC Frequency: 50/60 Hz
Output Power	15.4W
Power over Ethernet Output	4/5 (+), 7/8 (–) Nominal Output Voltage: 50 VDC
Dimensions	L x W x H 115.4 mm x 40 mm x 30.8 mm 4.54 in x 1.57 in x 1.21 in
Net Weight	116g (0.256 lbs)
Connectors	Shielded RJ-45, EIA 568A and 568B
Indicators	Indicator: AC power - Yellow, Channel Power - Green
Environmental Conditions	Operating Ambient Temperature: 14ºF to 104ºF (–10ºC to +40ºC) Operating Humidity: Maximum 90%, Non-Condensing Storage Temperature: –4ºF to +158ºF (–20ºC to +70ºC) 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: 200,000 hrs @ 25ºC
Thermal Rating	13 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

Technical Support

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

Ordering Information

Part Number	Name	Description
PD-3501GC/AC-XX PD-3501GC/AC-EU European Union Power Cord PD-3501GC/AC-JP Japan Power Cord PD-3501GC/AC-UK United Kingdom Power Cord PD-3501GC/AC-US United States Power Cord	PD-3501GC	1-port 10/100/1000 Mbps

Contact Microchip for other options

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