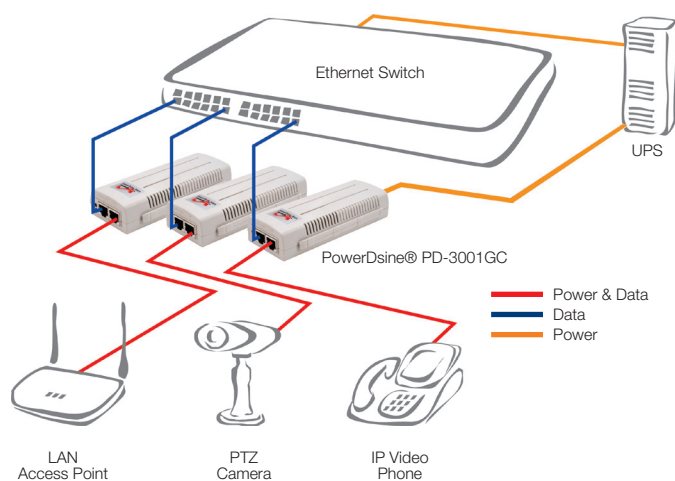


PowerDsine 3001/3001GC

PoE for Security Network and Low Terminal Density Installations



Overview

The PowerDsine 3001/3001GC single port midspan offers a compact and cost effective, fully IEEE 802.3af compliant solution to upgrade existing infrastructures with PoE, providing a maximum of 15.4 watts of power for security network and other low port density IP terminal installations.

The PowerDsine PD 3001/3001GC family offers compact, affordable and reliable power 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-3001/3001GC Features

- Safe & reliable power over existing Ethernet infrastructure
- Cisco and legacy PoE support
- IEEE802.3af compliant
- Plug-and-play installation
- Guaranteed power uptime

* Dongles required

PD-3001/3001GC Specifications

No. of Ports	1
Pass Through Data Rates	3001: 10/100 Mbps 3001GC: 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 Max.
Input Power Requirements	AC Input Voltage: 100 to 240 Vac AC Input Current: 0.5A @110-220Vac AC Frequency: 47 to 63 Hz
Dimensions	60 mm (W) x 31 mm (H) x 145 mm (L) 2.36 in. x 1.2 in. x 5.7 in
Weight	1 lbs (450g)
Indicators	System Indicator: AC Power (Green) 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: 10% to 90%, Non-condensing Storage Temperature: -4° to 158°F (-20° to 70°C) Storage Humidity: 5% to 95%, Non-condensing Operating Altitude: -1000 to 10,000 ft. (-304.8 to 3048 m)
Reliability	MTBF: 100,000 hrs. @25°C
Thermal Rating	16 BTU/Hr
Warranty	1-year
Regulatory	IEEE 802.3af (PoE and PoH Type 1), RoHS Compliant, WEEE Compliant, CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B with FTP cabling EN 55022 Class B (Conductive Emissions on Telecommunications Port) EN 55024 (Immunity), VCCI
Safety Approvals	UL/cUL Per EN 60950 GS Mark Per EN 60950

Ordering Information

Part Number	Name	Description
PD-3001/AC	PowerDsine 3001	1-port 10/100 Mbps
PD-3001GC/AC	PowerDsine 3001GC	1-port 10/100/1000 Mbps

For More Information

North America

PowerDsineUSA@microsemi.com

EMEA

(Europe, Middle East, Africa)

PowerDsine@microsemi.com

LATAM

(Latin America)

PowerDsineLATAM@microsemi.com

APAC

(Asia Pacific)

PowerDsineAPAC@microsemi.com



Microsemi

Power Matters.

Microsemi Corporation (NASDAQ:MSCC) offers the industry's most comprehensive portfolio of semiconductor and networking technology. PowerDsine® PoE Systems, a Microsemi brand, is the thought leader in energy efficient, high power PoE technology. Learn more at microsemi.com/powerdsine

©2011 Microsemi Corporation. All rights reserved. Microsemi and the Microsemi logo are trademarks of Microsemi Corporation. All other trademarks and service marks are the property of their respective owners.

MSC-PD-DS-3001-8.2011