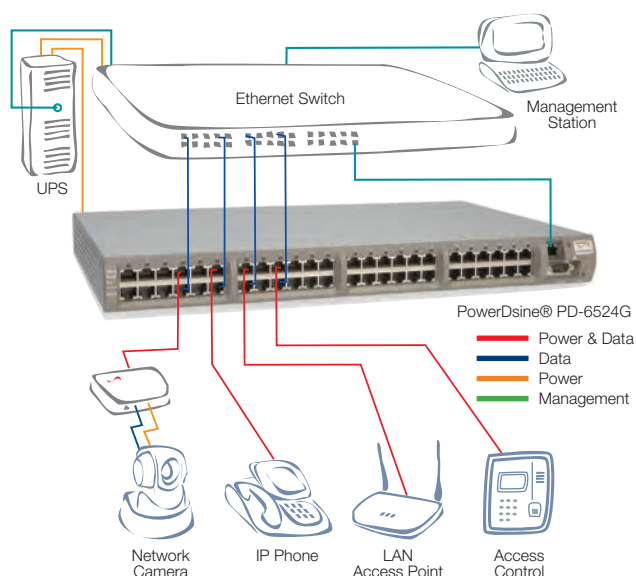


PowerDsine 6500/6500G

Business-class Midspan Family with Network Management System and Lifetime Warranty



Overview

The PowerDsine 6500 family sets a new standard for highly secure, intelligent, remotely-managed and safe-to-use PoE. PowerDsine 6500 family includes 6, 12, and 24-port models, making an even wider range of flexible Power over Ethernet installations possible.

PowerDsine 6500 family provides up to 15.4W of power over Ethernet to IP telephones, wireless LAN access points, security network cameras and many other types of data terminals over standard Ethernet data 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-6500/6500G Features

- Safe & reliable power over existing Ethernet infrastructure
- PowerView Pro remote, web-based SNMPv3 power management environment
- Cisco and legacy PoE support*
- IEEE802.3af compliant
- Plug-and-play installation
- Guaranteed uptime

* Dongles required

PD-6500/6500G Specifications

No. of Ports	6/12/24
Pass Through Data Rates	6500: 10/100 Mbps 6500G: 10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 54Vdc User Port Power: 15.4 Watts Aggregate Power: up to 400W
Input Power Requirements	AC Input Voltage: 100 to 240 Vac AC Input Current: 100W 2A @ 110 Vac; 1A @ 220 Vac 200W 4A @ 110 Vac; 2A @ 220 Vac 400W 5.5A @ 110 Vac; 2.75A @ 220 Vac AC Frequency: 47 to 63 Hz
Dimensions	438 mm x 272 mm x 44 mm 17.3 in. x 10.8 in. x 1.75 in or 1U
Weight	8.8 lbs (4 kg)
Management	PowerView Pro included
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	190/365 BTU/Hr
Warranty	Limited lifetime (see Terms and Conditions)
Regulatory Compliance	IEEE 802.3af (PoE, PoH Type 1) RoHS Compliant, WEEE Compliant, CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI
Safety Approvals	UL/cUL Per EN 60950-1 GS Mark Per EN 60950-1

PowerDsine®

Microsemi

PD-6500/6500G Midspan Family

Ordering Information

10/100 Mbps Models

Part Number	Name	Ports
PD-6506/AC/M	PowerDsine 6506	6-port, 100W total power
PD-6512/AC/M	PowerDsine 6512	12-port, 200W total power
PD-6524/AC/M	PowerDsine 6524	24-port, 200W total power
PD-6524/AC/M/F	PowerDsine 6524	24-port, 400W total power

10/100/1000 Mbps Models

Part Number	Name	Ports
PD-6506G/AC/M	PowerDsine 6506G	6-port, 100W total power
PD-6512G/AC/M	PowerDsine 6512G	12-port, 200W total power
PD-6524G/AC/M	PowerDsine 6524G	24-port, 200W total power
PD-6524G/AC/M/F	PowerDsine 6524G	24-port, 400W total power

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Power Matters.

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

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