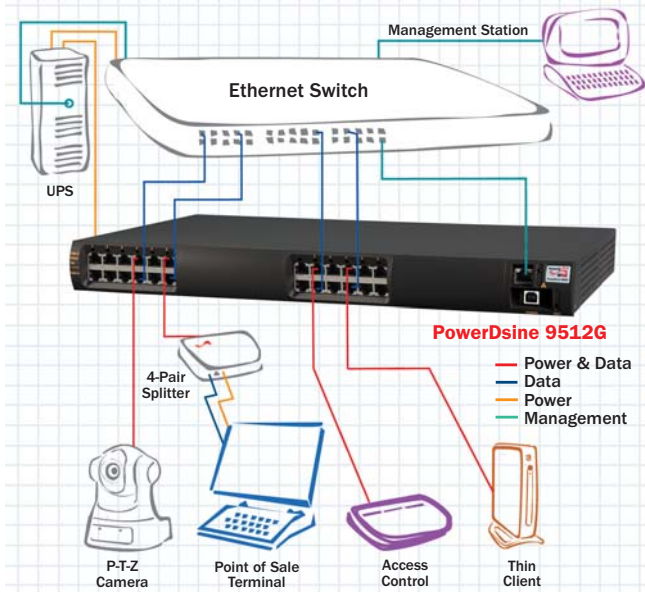


PowerDsine® 9500G 4-Pair High Power Family

72W/Port Gigabit Midspan for High Power Terminals



Overview

The PowerDsine 9500G Family is designed specifically to power high power network devices such as PTZ and Dome network cameras, Access Control systems, Thin Clients and other Ethernet end terminals that require high power up to 51W.

The PowerDsine 9500G Family includes 6 and 12-port models and are fully backward compatible and safe to use with any 802.3af and 802.3at terminal such as VoIP Phones, IP Cameras and WLAN Access Points.

The 9500G family provides power over all 4 pairs of the RJ-45 cable, dissipating 50% less power than 2-pair Midspans and switches, while fully complying with the IEEE802.3at-2009 standard.

For secure remote management, all PD-9500G models include PowerView Pro management software supporting IPv4 and IPv6 addressing.

PD-9500G Features

- High Power over 4-pairs – 72W per port
- 100% IEEE 802.3at-2009 compliant
- High efficiency, dissipating 50% less power than 2-pair switches and Midspans
- Supported data rates: 10/100/1000BaseT
- Scalable 6 & 12-port models
- Power redundancy:
 - Mutual midspan-to-midspan backup
 - DC backup via external PowerDsine RPS products
- PowerView Pro secure, remote SNMPv3 and Web-based management
- Supports both IPv4 and IPv6 addressing
- PoE 802.3af backward compatible



PD-9500G Specifications

No. of Ports	6/12
Pass Through Data Rates	10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: Data Pairs 1/2 (-) and 3/6 (+) Spare Pairs 7/8 (-) and 4/5 (+) Output Power Voltage: 54-57Vdc User Port Power: 72W Typ. Aggregate Power: 450W, 1000W
Input Power Requirements	AC Input Voltage: 100 to 240 Vac DC Input: 57V (RPS or another 9500G midspan) AC Input Current: 450W Units: 5.5A @ 110 Vac; 2.75A @ 220 Vac 1000W Units: 12A @ 110 Vac; 6A @ 220 Vac AC Frequency: 50 to 60 Hz
Dimensions	438 mm x 272 mm x 44 mm 17.3 in. x 10.8 in. x 1.75 in or 1U
Weight	14.3 lbs (6.5 kg)
Management	PowerView Pro included
Indicators	System Indicator: AC Power (Green) User Indicator: Channel Power (Green/Orange)
Connectors	PoE ports and management port: Shielded RJ-45, EIA 568A and 568B Console Port: USB Connector Type B DC Connector: DC Block Terminal RPS Com Connector: HD-D-sub-15
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)
Warranty	Limited lifetime (see Terms and Conditions)
Regulatory Compliance	IEEE 802.3af, IEEE 802.3at-2009, RoHS Compliant, VCCI, CE, C-Tick
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI
Safety Approvals	UL/cUL Per IEC60950-1 GS Mark Per IEC60950-1

Ordering Information

Part Number	Name	Description
PD-9506G/ACDC/M	PowerDsine 9506G	6-port 450W
PD-9512G/ACDC/M	PowerDsine 9512G	12-port 1000W