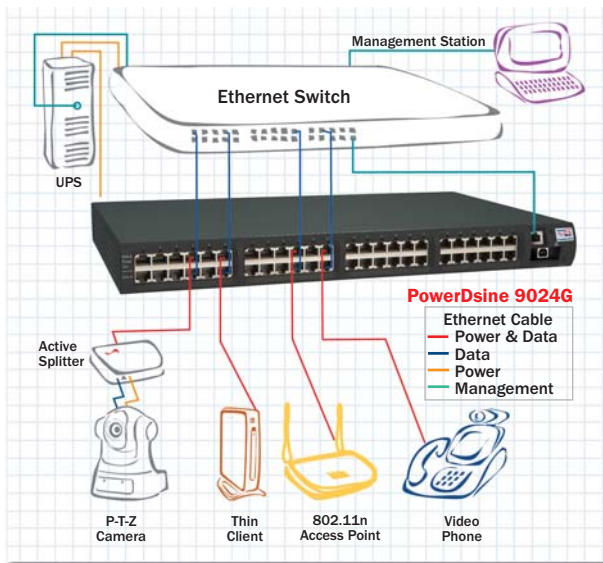


PowerDsine® 9000G High Power Family

36W/Port Gigabit Midspan for High Power & 802.3at Terminals



Overview

The PowerDsine 9000G Family is designed specifically to power 802.11n and 802.3at Access Points, PTZ and Dome network cameras, Video Phones, Thin Clients and other Ethernet end terminals that require high power. The PowerDsine 9000G Family includes 6, 12, and 24-port models and are fully backward compatible and safe to use with any 802.3af terminal such as VoIP Phones, IP Cameras and WLAN Access Points. With PowerDsine PoE Midspans, data and power flow smoothly and safely over a single LAN cable with no interference, leaving your network infrastructure completely unaltered.

For secure remote management, all PD-9000G models include PowerView Pro management software supporting IPv4 and IPv6 addressing.

PD-9000G Features

- High Power over 2-pairs – 36W per port
- IEEE 802.3at compliant
- Supported data rates: 10/100/1000BaseT
- Scalable 6, 12 & 24-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
- Powers all pre-standard 802.11n APs (including Cisco)



PD-9000G Specifications

No. of Ports	6/12/24
Pass Through Data Rates	10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 55Vdc User Port Power: 36W Typ. Aggregate Power: 450W, 1000W
Input Power Requirements	AC Input Voltage: 100 to 240 Vac DC Input: ACDC units:RPS or another 9000 midspan DC units: 46V - 57V AC Input Current: 450W Units: 5.5A @ 110 Vac; 2.75A @ 220 Vac 1000W Units: 1.2A @ 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 in /M models
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, 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	
Managed			
PD-9006G/ACDC/M	PowerDsine 9006G	6-port	450W
PD-9012G/ACDC/M	PowerDsine 9012G	12-port	450W
PD-9024G/ACDC/M	PowerDsine 9024G	24-port	450W
PD-9024G/DC/M	PowerDsine 9024G	24-port	DC
PD-9024G/ACDC/M/F	PowerDsine 9024G	24-port	1000W
Un-Managed			
PD-9012G/AC	PowerDsine 9012G	12-port	450W
PD-9024G/AC	PowerDsine 9024G	24-port	450W
PD-9024G/AC/F	PowerDsine 9024G	24-port	1000W