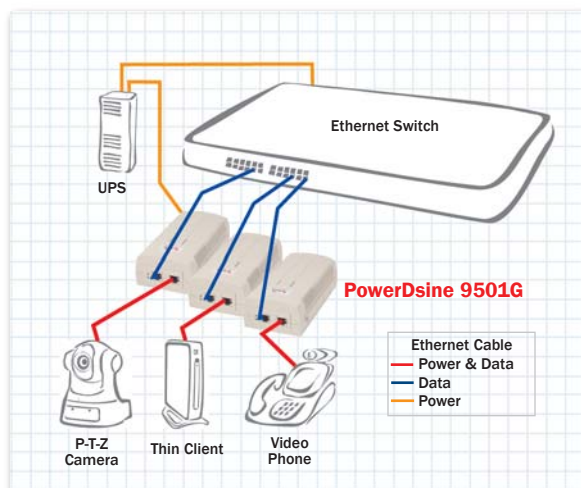


PowerDsine® 9501G Family

High Power, Gigabit Single Port PoE Midspan



Overview

The PowerDsine 9501G is a single port, high-power solution for remote powering of current and emerging high power applications.

Generating a maximum of 60W, the PD-9501G enables remote power for a new range of applications including pan-tilt-zoom (PTZ) cameras, video-phones and thin-clients. It complies to IEEE 802.3af/at PoE standard parameters, while doubling the available power. It can power both existing 10/100Base-T network devices and such emerging wireless gigabit devices as Wi-MAX and remote distance wireless IEEE 802.11n access points.

PD-9501G Features

- Up to 60W of Power on 4-pairs
- IEEE 802.3af Compliant–With Higher Power
- Compatible With All IEEE pre 802.3at, 802.3af and Legacy Powered Devices
- Safe: Low Power Devices Receive Only the Power They Need, 2-pair PDs receive power on 2-pairs
- Safe and Reliable Power over Ethernet
- Automatic Detection and Protection of Non–standard Ethernet Terminals
- Supports 10/100/1000BaseT applications
- Compact Design Fits Easily in WLAN Access Point Installations

9501G Specifications

No. of Ports	1
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: 60Watts Max.
Input Power Requirements	AC Input Voltage: 100 to 240 Vac AC Input Current: 1.2A @ 100-240 Vac AC Frequency: 50 to 60 Hz
Dimensions (W x H x L)	87.9 mm x 51.3 mm x 166 mm
Weight	.881 lbs (400g)
Indicators	System Indicator: AC Power (Green) Channel Power (Green and Orange)
Connectors	Shielded RJ-45, EIA 568A and 568B
Environmental Conditions	Operating Ambient Temperature: 14° to 113°F (-10° to 45°C) @60W 14° to 131°F (-10° to 55°C) @30W Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: –4° to 158°F (–20° to 70°C) Storage Humidity: Maximum 95%, Non-condensing Operating Altitude: –1000 to 10,000 ft. (–304.8 to 3048 m)
Reliability	MTBF: 100,000 hrs. @25°C
Warranty	1-year
Regulatory Compliance	IEEE 802.3af (PoE), Pre IEEE 802.3at (including 2-event), 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

Ordering Information



Part Number
PD-9501G/AC

Name
PowerDsine 9501G

Description
High Power 1-port
4-pair, AC input