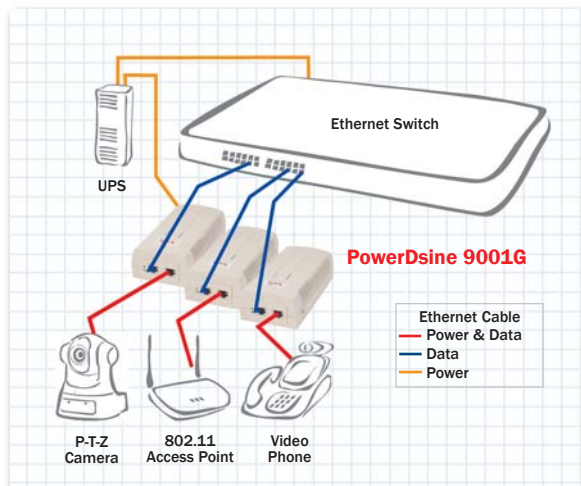


# PowerDsine® 9001G Midspan

High Power, 802.3at Compliant, Single Port, Gigabit Midspan



## Overview

The PowerDsine 9001G is a single port, high-power solution for remote powering of current and emerging high power applications.

Generating up to 30W, the 9001G enables remote power for a new range of applications including 802.11 Access Points, pan-tilt-zoom (PTZ) cameras and video-phones. It complies to IEEE 802.3at PoE standard and is backward compatible to IEEE802.3af. It can power both existing 10/100Base-T network devices and emerging wireless 1000Base-T devices such as Wi-MAX and wireless IEEE 802.11n access points.

## PD-9001G Features

- Up to 30W of Power on 2-pairs
- IEEE 802.3at Compliant with 2-event classification
- IEEE 802.3af backward compatible
- Compatible With All IEEE 802.3af or Legacy Cisco-Powered Devices
- Safe: Low Power Devices Receive Only the Power They Need
- Safe and Reliable Power to WLAN Access Points
- Automatic Detection and Protection of Non-standard Ethernet Terminals
- Supports 10/100/1000Base-T applications
- Compact Design Fits Easily in WLAN Access Point Installations

## PD-9001G Specifications

<b>No. of Ports</b>	1
<b>Pass Through Data Rates</b>	10/100/1000 Mbps
<b>Power over Ethernet Output</b>	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 55Vdc User Port Power: 30Watts
<b>Input Power Requirements</b>	AC Input Voltage: 100 to 240 Vac AC Input Current: 0.8A @ 100-240 Vac AC Frequency: 50 to 60 Hz
<b>Dimensions</b>	87.9 mm x 51.3 mm x 166 mm 3.46 in. x 2.0 in. x 6.53 in
<b>Weight</b>	.771 lbs (350g)
<b>Indicators</b>	System Indicator: AC Power (Green)  User Indicator: Channel Power (Green)
<b>Connectors</b>	Shielded RJ-45, EIA 568A and 568B
<b>Environmental Conditions</b>	Operating Ambient Temperature: 14° to 113°F (-10 to 45°C)  Operating Humidity: Maximum 90%, Non-condensing  Storage Temperature: 32° to 104°F (0° to 40°C)  Storage Humidity: Maximum 95%, Non-condensing  Operating Altitude: -1000 to 10,000 ft. (-304.8 to 3048 m)
<b>Reliability</b>	MTBF: 296,000 hrs. @25°C
<b>Thermal Rating</b>	27 BTU/Hr (@240VAC)
<b>Warranty</b>	1-year
<b>Regulatory Compliance</b>	IEEE 802.3at, IEEE 802.3af, RoHS Compliant , WEEE Compliant, CE
<b>Electromagnetic Emission &amp; Immunity</b>	FCC Part 15, Class B EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI
<b>Safety Approvals</b>	UL/cUL Per EN 60950-1 GS Mark Per EN 60950-1

## Ordering Information



Part Number	Name	Description
PD-9001G/AC	PowerDsine 9001G	High Power 30W 1-port Gigabit PoE, AC input