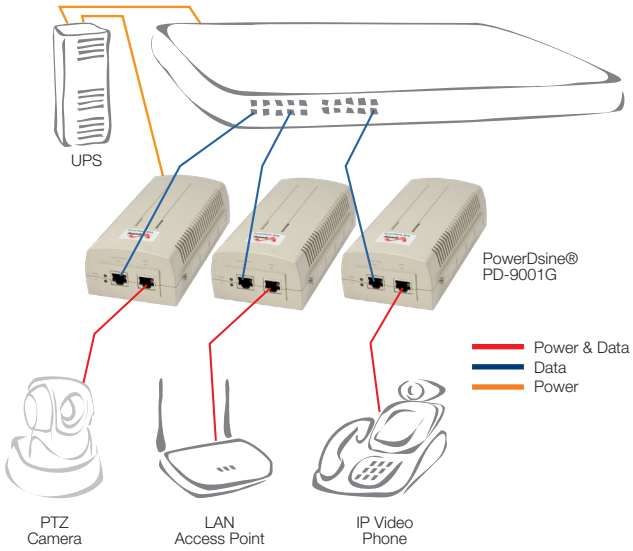
# PowerDsine 9001G

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




## Overview

The PowerDsine 9001G is a single port 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, pant-tilt-zoom (PTZ) cameras and video phones. It complies to the IEEE 802.3at PoE standard and is backward compatible to IEEE 802.3af. It can power both existing 10/100Base-T network devices and the emerging wireless 1000Base-T devices such as WiMAX and IEEE 802.11n access points.

## PD-9001G Features

- Up to 30W of power on 2 pairs
- IEEE 802.3at compliant with 2-event classification
- Cisco and legacy PoE support*
- Plug-and-play installation
- Guaranteed uptime

* Dongles required

## PD-9001G Specifications

| | |
|---|---|
| No. of Ports | 1 |
| Pass Through Data Rates | 10/100/1000 Mbps |
| Power over Ethernet Output | Pin Assignment and Polarity:<br>4/5 (+), 7/8 (–)<br>Output Power Voltage: 55Vdc<br>User Port Power: 30Watts |
| Input Power Requirements | AC Input Voltage: 100 to 240 Vac<br>AC Input Current: 0.8A @100-240Vac<br>AC Frequency: 50 to 60 Hz |
| Dimensions | 87.9 mm (W) x 51.3 mm (H) x 166 mm (L)<br>3.46 in. x 2.0 in. x 6.53 in |
| Weight | .771 lbs (350g) |
| Indicators | System Indicator:<br>AC Power (Green) |
| | User Indicator:<br>Channel Power (Green) |
| Connectors | Shielded RJ-45, EIA 568A and 568B |
| Environmental Conditions | Operating Ambient Temperature:<br>32° to 104°F (0 to 40°C) |
| | Operating Humidity:<br>Maximum 90%, Non-condensing |
| | Storage Temperature:<br>-4° to 158°F (-20° to 70°C) |
| | Storage Humidity:<br>Maximum 95%, Non-condensing |
| | Operating Altitude:<br>–1000 to 10,000 ft. (–304.8 to 3048 m) |
| Reliability | MTBF: 296,000 hrs. @25°C |
| Thermal Rating | 26 BTU/Hr |
| Warranty | 1-year |
| Regulatory | IEEE 802.3af (PoE), RoHS Compliant,<br>WEEE Compliant, CE |
| Electromagnetic Emission & Immunity | FCC Part 15, Class B<br>EN 55022 Class B (Emissions)<br>EN 55024 (Immunity), VCCI |
| Safety Approvals | UL/cUL Per IEC60950-1<br>GS Mark Per IEC60950-1 |

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## Ordering Information

| Part Number | Name | Description |
|---|---|---|
| PD-9001G/AC | PowerDsine 9001G | 30W, 1-port, 10/100/1000 Mbps, AC |

## For More Information

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