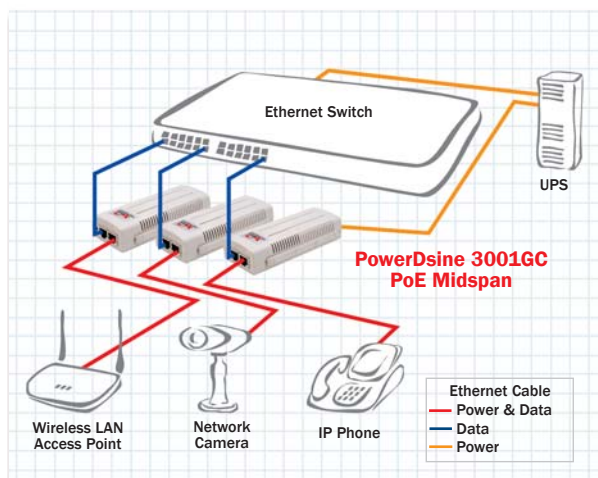# PowerDsine® 3001/3001GC

*Up to Gigabit PoE for Security Network and Low Terminal Density Installations*



**PowerDsine 3001GC PoE Midspan**

Ethernet Switch

UPS

Wireless LAN Access Point

Network Camera

IP Phone

Ethernet Cable
— Power & Data
— Data
— Power

## Overview

PowerDsine's 3001/3001GC Power over Ethernet (PoE) single port Midspan (PoE injector) offers a compact and cost effective, fully IEEE 802.3af compliant solution for security network and other low port density IP Terminal installations.

The 3001 PoE Midspans provide a compact, affordable, safe and reliable power solution over existing Ethernet infrastructure.

## PD-3001/3001GC Features

- Cost-effective power distribution for WLAN access point installations
- Safe powering of 802.3af compliant,as well as Pre-standard end-terminals
- Investment protection of existing Ethernet switches and cabling infrastructure
- Saves time and reduces installation costs
- Easy plug-and-play installation
- Several units can be mounted adjacently for powering more than one Ethernet terminal
- Cleans up low-density wireless LAN deployment and eliminates the need for multiple one-port PoE solutions
- Supports Gigabit Ethernet data transmission for applications such as Wi-Max access points, Gig IP phones, and IP cameras

## PD-3001/3001GC Specifications

| | |
|---|---|
| **No. of Ports** | 1 |
| **Pass Through Data Rates** | **3001:** 10/100 Mbps<br>**3001GC:** 10/100/1000 Mbps |
| **Power over Ethernet Output** | Pin Assignment and Polarity:<br>4/5 (+), 7/8 (–)<br>Output Power Voltage: 48Vdc<br>User Port Power:      15.4 Watts Max. |
| **Input Power Requirements** | AC Input Voltage:   90 to 264 Vac<br>AC Input Current:   0.5A @ 110-220 Vac<br>AC Frequency:      47 to 63 Hz |
| **Dimensions** | 60 mm (W)  x 31 mm (H) x 145 mm (L)<br>2.36 in. x 1.2 in. x 5.7 in |
| **Weight** | 1 lbs (450g) |
| **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 40ºC) |
| | Operating Humidity:<br>Maximum 90%, Non-condensing |
| | Storage Temperature:<br>–4° to 158°F (–20° to 70ºC) |
| | Storage Humidity:<br>Maximum 95%, Non-condensing |
| | Operating Altitude:<br>–1000 to 10,000 ft. (–304.8 to 3048 m) |
| **Reliability** | MTBF: 100,000 hrs. @25ºC |
| **Thermal Rating** | 300 BTU/Hr (@240VAC) |
| **Warranty** | 1-year |
| **Regulatory Compliance** | IEEE 802.3af (PoE), RoHS Compliant<br>WEEE Compliant, CE |
| **Electromagnetic Emission & Immunity** | FCC Part 15, Class B with FTP cabling<br>EN 55022 Class B (Conductive<br>Emissions on Telecommunications Port)<br>EN 55024 (Immunity), VCCI |
| **Safety Approvals** | UL/cUL Per EN 60950<br>GS Mark Per EN 60950 |

## Ordering Information



| Part Number | Name | Description |
|---|---|---|
| PD-3001/AC | PowerDsine 3001 | 1-port 10/100 Mbps |
| PD-3001GC/AC | PowerDsine 3001GC | 1-port 10/100/1000 Mbps |