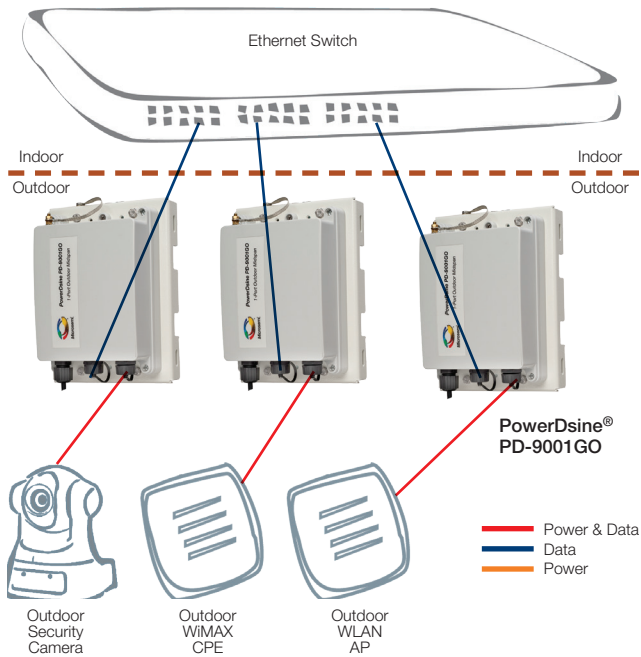


PowerDsine 9001GO

Single-port, Outdoor PoE Midspan, IEEE802.3at Compliant



Overview

PowerDsine 9001GO Power over Ethernet (PoE) single-port Midspan offers a cost effective, fully IEEE 802.3af/802.3at compliant solution for outdoor installations, guaranteeing 30 Watts of power and ensuring safe and reliable operation in outdoor environment of any standard PoE data terminal. It allows wireless LAN access points, security network cameras and other IP terminals to receive power, along with data, over standard Ethernet cables, leaving network infrastructure completely unaltered.

The 9001GO also offers surge protection for both the AC and the PoE ports ensuring the indoor equipment is protected from outdoor surges

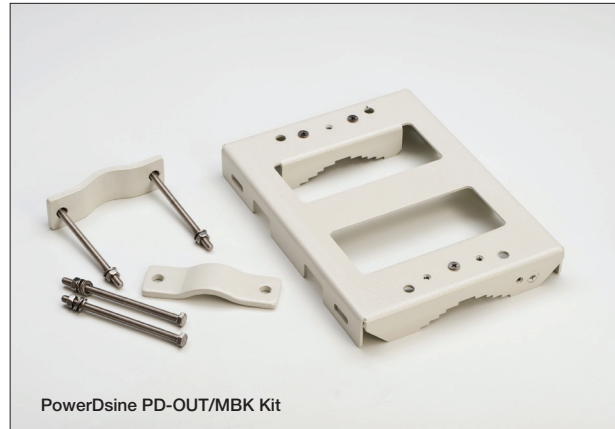
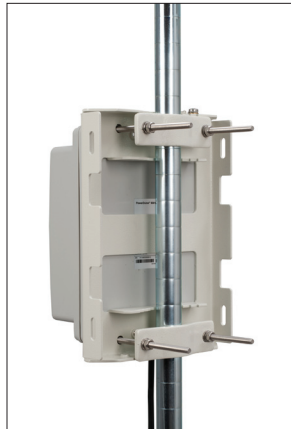
PD-9001GO Features

- Outdoor rated: IP66
- Extended temperature range -40C , +65C
- Fully IEEE802.3at standard compliant
- Supports 10/100/1000Mbps data rates
- Plug 'n Play installation (installer does not have to open unit)
- Supports both 802.3af and 802.3at Powered devices
- Includes integral surge protection

PD-9001GO Specifications

| | |
|-------------------------------------|---|
| No. of Ports | 1 |
| 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: 30W guaranteed |
| Input Power Requirements | AC Input Voltage: 100 to 240 Vac AC Input Current: 1A @100-240 Vac AC Frequency: 50 to 60 Hz |
| Dimensions | 214 mm x 150 mm x 70 mm 8.42 in. x 5.90 in. x 2.75 in |
| Weight | 1.65 lbs (750g) |
| Indicators | No LED indicators |
| Connectors | Shielded rugged RJ-45 (with gasket) |
| Environmental Conditions | Operating Ambient Temperature: -40° to 131°F (-40 to 55°C) for 30W -40° to 149°F (-40 to 65°C) for 15.4W Operating Humidity: Maximum 95%, Non-condensing Storage Temperature: -40° to 185°F (-40° to 85°C) Storage Humidity: Maximum 95%, Non-condensing Operating Altitude: Up to 6,560 ft. (2000 m) Weather Rating: IP66, NEMA 4X |
| Reliability | MTBF: 150,000 hrs. @25°C |
| Thermal Rating | 25 BTU/Hr (@240VAC) |
| Warranty | 1-year |
| Regulatory Compliance | IEEE 802.3at (PoE), RoHS Compliant, WEEE Compliant, CE |
| Electromagnetic Emission & Immunity | FCC Part 15, Class B EN 55022 Class B EN 55024, EN61000-4-5 Class 5 (6kV CM) VCCI |
| Surge Protection | Meets Surge Protection as specified in GR-1089-CORE Issue 4 ITU-T K.20 6 kV on AC lines |
| Safety Approvals | UL60950-1 & UL60950-22 GS Mark, UL1449 |
| Other Standards and Approvals | Dust and water intrusion: EN60529, Level 1P66; NEMA 250, Level 4X ASTM B-117 Corrosion Resistance |

PD-9001GO with outdoor mounting bracket



Ordering Information

| Part Number | Name | Description |
|-------------------|--------------------|--|
| PD-9001GO/AC-NA | PowerDsine 9001GO | 1-port 802.3at Gigabit PoE outdoor midspan with North American power connector |
| PD-9001GO/AC-INTL | PowerDsine 9001GO | 1-port 802.3at Gigabit PoE outdoor midspan with international power cord |
| PD-OUT/MBK | PowerDsine OUT MBK | Mounting brackets for outdoor unit |

For More Information

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Microsemi

Power Matters.

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