

PD-9001GI/DC

Single Port 30W Industrial PoE Midspan



Features and Benefits

- IEEE 802.3at compliant – 30W output
- Dual DC input – 20-60VDC range
- Industrial rated IP30
- Extended temp range -40 °C - +75 °C
- Plug and play installation
- Supports 10/100/1000 Mbps

Overview

Microsemi's PD-9001GI is a single port, high-power solution for remote powering of current and emerging high power applications. Generating up to 30W, the 9001GI enables remote power for a new range of applications including 802.11n Access Points, pan-tilt zoom (PTZ) cameras and other IP terminals. It complies to IEEE 802.3at PoE standard and is backward compatible to IEEE802.3af. It can power both 10/100Base-T network devices and 1000Base-T devices. The 9001GI is designed for industrial applications and outdoor applications from temperature point of view.

Specifications

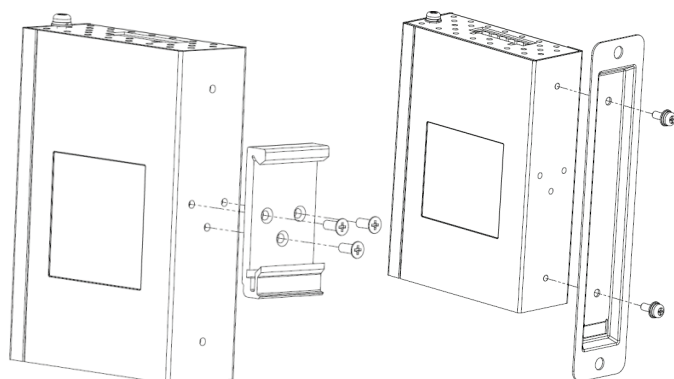
| Feature | Description |
|-------------------------------------|--|
| No. of Ports | 1 |
| Pass Through Data Rates | 10/100/1000 Mbps |
| Output Power | Pin Assignment and Polarity: 4/5(+), 7/8(-) Output Power Voltage: 50Vdc User Port Power: 30W (Guaranteed) |
| Input Power Requirements | DC Input Voltage: 20 to 60Vdc DC Input Current: 2A max |
| Dimensions | 31 mm (W) x 111 mm (H) x 78 mm (L) |
| Weight | 0.77 lbs (315 g) |
| Indicator | Power 1 – Source power 1 is connected Power 2 – Source power 2 is connected Alarm – 1 source power is Fault PoE – IEEE802.3 PD is connected |
| Connectors | Shielded RJ-45, EIA 568A and 568B |
| Environmental Conditions | Operating Ambient Temperature: -40°F to 167°F (-40°C to 75°C) |
| | Storage Temperature: -40°F to 185°F (-40°C to 85°C) |
| Reliability | MTBF: 170,000 hours @ 25°C |
| Warranty | 1-year |
| Regulatory | RoHS, WEEE, REACH |
| Electromagnetic Emission & Immunity | EN50522 Class A EN55024 |
| Safety Approvals | UL 508 |
| Shock | IEC 60068-2-27 15g, 11 ms duration |
| Freefall | IEC 60068-2-32 |
| Vibration | IEC 60068-2-6 3, 5 mm, 3 Hz - 9 Hz, 10 cycles, 1 octave/min 1g, 9 Hz - 150 Hz, 10 cycles 1 octave/min |

Ordering Information

| Part Number | Description |
|--------------|---|
| PD-9001GI/DC | 30W Industrial PoE Midspan, Dual DC input |

PD-9001 GI/DC Single Port 30W Industrial PoE Midspan

Supported Installation (Accessory Included)



DIN Rail

Wall Mount

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