

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

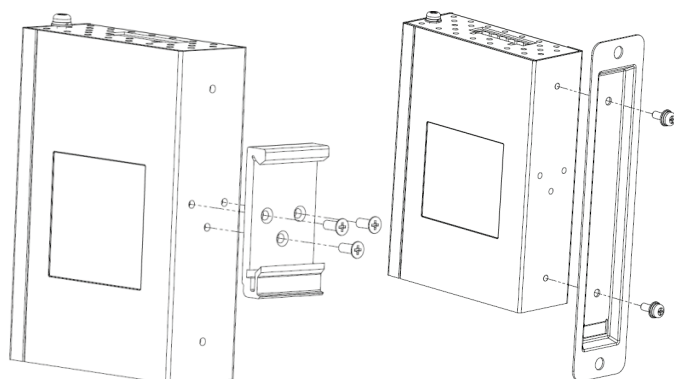
Feature	Description
No. of Ports	1
Pass Through Data Rates	10/100/1000 Mbps
Output Power	Pin Assignment and Polarity: 4/5(+), 7/8(-) Output Power Voltage: 50Vdc User Port Power: 30W (Guaranteed)
Input Power Requirements	DC Input Voltage: 20 to 60Vdc DC Input Current: 2A max
Dimensions	31 mm (W) x 111 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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