PD-9501GI/DC
Single Port, 60W Industrial PoE Midspan

Key Features

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

Overview

The Microsemi PD-9501-GI/DC is a single port, high-power solution for remote powering of current and emerging high power indoor applications. Generating 60W, the 9501GI 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 existing 10/100/1000Base-T network devices and 1000BaseT devices such as wireless IEEE 802.11ac access points.

Specifications

Feature	Description
No. of Ports	1
Data Rates	10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: 1/2 (-), 3/6 (+), 4/5 (+), 7/8 (–) Output Voltage: 55Vdc
User Port Power	60 Watts (Guaranteed)
Input Power Requirements	DC Input Voltage: 20 to 60Vdc DC Input Current: 4A max
Dimensions	35mm (W) x 111mm (H) x 78mm (L) 1.38 in. x 4.37 in. x 3.07 in
Weight	0.82 lbs (373g)
Indicators	Power 1 – Source power 1 is connected Power 2 – Source power 2 is connected Alarm – 1 source power is Fault PoE – PoE is active and providing power
Connectors	Shielded RJ-45, EIA 568 A and 568 B
Environmental Conditions	Operating Ambient Temperature: -40ºF to 167ºF (-40ºC to 75ºC)
	Storage Temperature: -40ºF to 185ºF (-40ºC to 85ºC)
Reliability	MTBF: 170,000 hrs. @25ºC
Warranty	1-year
Regulatory Compliance	IEEE 802.3at (PoE), RoHS Compliant, WEEE Compliant, CE
Electromagnetic Emission & Immunity	FCC Part 15, Class A EN 55022 Class A (Emissions) EN 55024 (Immunity)
Safety Approvals	UL508
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-31
Vibration	IEC 60068-2-6

Ordering Information

Part Number	Name	Description
PD-9501GI/DC	Microsemi 9501/GI	60W Industrial PoE Midspan, Dual DC input

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