

# PD-9501GI/DC

Single Port, 60W Industrial PoE Midspan



## Overview

The PD-9501GI/DCF is a single port, high-power solution for remote powering of current and emerging high power indoor applications. Generating 60W, the PD-9501GI/DCF 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.

## Key Features

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

## Specifications

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

## Ordering Information

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