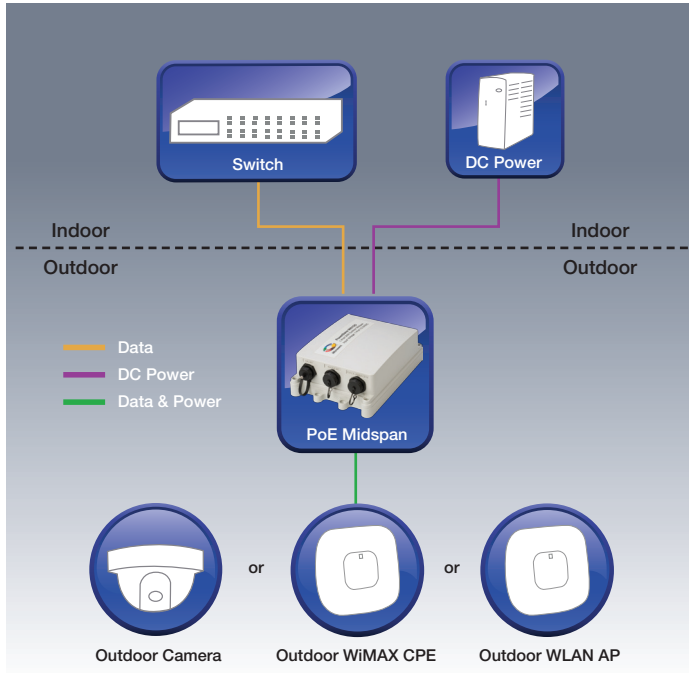


# PD-9501GO/48VDC

Single-port, Outdoor PoE Midspan, 60W, IEEE802.3at Compliant



## Overview

Microsemi's PD-9501GO/48VDC Power over Ethernet (PoE) single-port Midspan offers a cost effective, IEEE 802.3at compliant solution for outdoor installations, guaranteeing 60 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 PD-9501GO/48VDC also offers surge protection ensuring the indoor equipment is protected from outdoor surges.

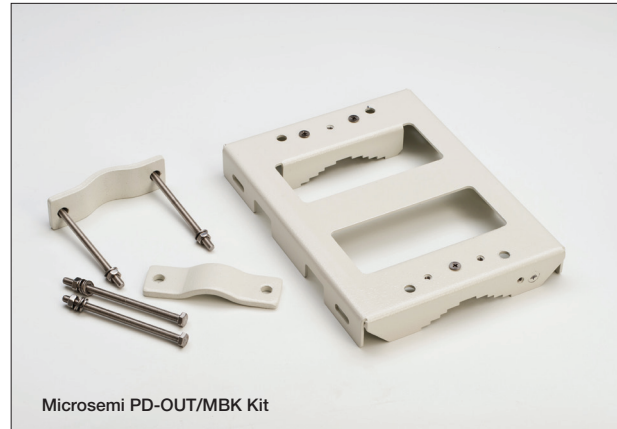
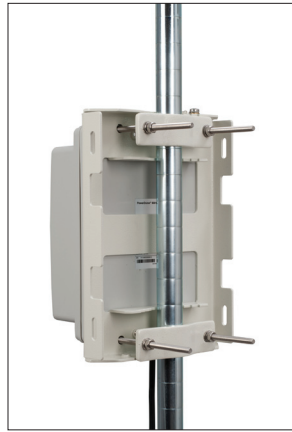
## PD-9501GO/48VDC Features

- Outdoor rated: IP66
- IEEE802.3at standard compliant
- 36-60 VDC input voltage
- Power provided using all 4 pairs
- 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-9501GO/48VDC 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 (-), 1/2(-), 3/6(+) Output Power Voltage: 50-57VDC User Port Power: 60W guaranteed
Input Power Requirements	DC Input Voltage: 36 to 60 VDC DC Input Current: 2.2A
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 122°F (-40 to 50°C) for 60W -40° to 131°F (-40 to 55°C) for 30W  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: 194,000 hrs. @25°C
Thermal Rating	34 BTU/Hr
Warranty	1-year
Regulatory Compliance	IEEE 802.3af (PoE, PoH Type1) IEEE 802.3at (PoE+ including 2-event, PoH Type 2), 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
Safety Approvals	UL60950-1 & UL60950-22 GS Mark
Other Standards and Approvals	Dust and water intrusion: EN60529, Level IP66; NEMA 250, Level 4X ASTM B-117 Corrosion Resistance

## PD-9501GO/48VDC with outdoor mounting bracket



## Ordering Information

Part Number	Name	Description
PD-9501GO/48VDC	Microsemi PD-9501GO	1-port, 60W 802.3at Gigabit PoE outdoor midspan with 48VDC input
PD-OUT/MBK	Microsemi OUT MBK	Mounting brackets for outdoor unit



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