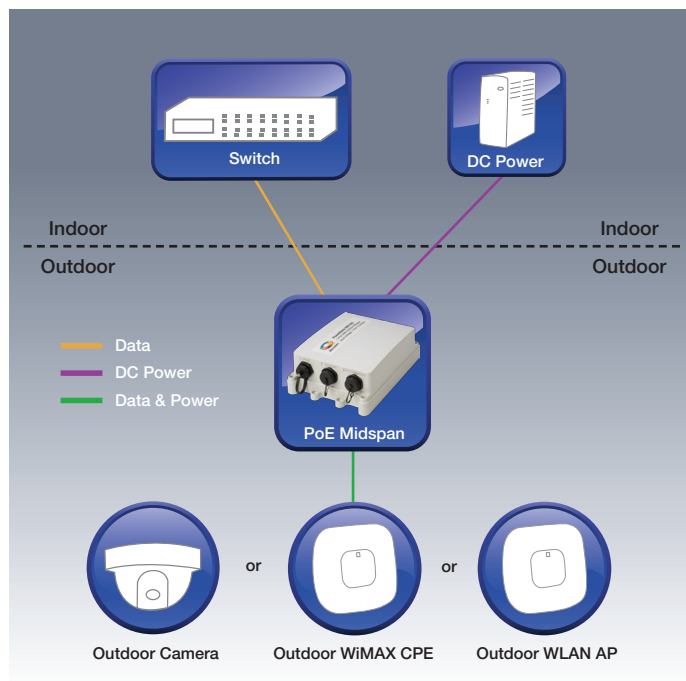


PD-9501GO/12-24VDC

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



Overview

Microsemi's PD-9501GO/12-24VDC 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/12-24VDC also offers surge protection ensuring the indoor equipment is protected from outdoor surges.

PD-9501GO/12-24VDC Features

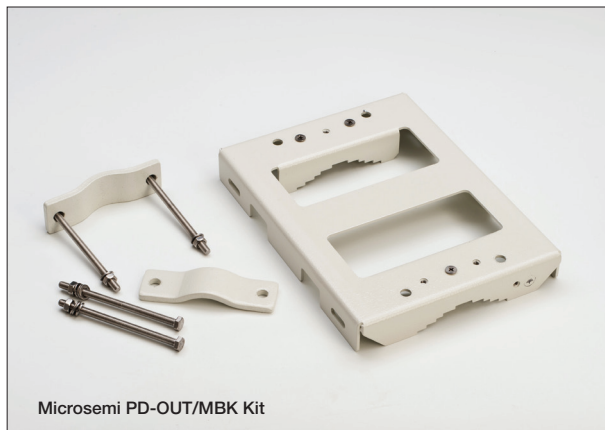
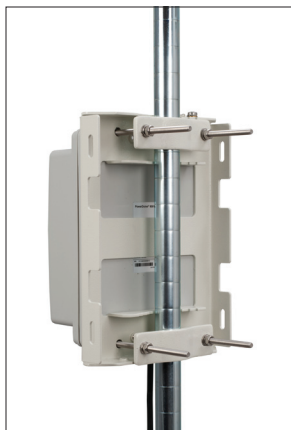
- Outdoor rated: IP66
- Extended temperature range -40°C , +55°C
- IEEE802.3at standard compliant
- 10-36 VDC input voltage
- Power provided using all 4 pairs
- Supports 10/100/1000Mbps data rates
- Plug 'n Play installation (installer does not have to open unit)
- Supports both 802.3af and 802.3at Powered devices
- Includes integral surge protection

PD-9501GO/12-24VDC 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: 55Vdc User Port Power: 60W guaranteed
Input Power Requirements	DC Input Voltage: 10 to 36 VDC DC Input Current: 2.0A
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: 150,000 hrs. @25°C
Thermal Rating	40 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 ITU-T K.20 6 kV on AC lines
Safety Approvals	UL60950-1 & UL60950-22 GS Mark
Other Standards and Approvals	Dust and water intrusion: EN60529, Level1P66; NEMA 250, Level 4X ASTM B-117 Corrosion Resistance

PD-9501GO/12-24VDC Midspan

PD-9501GO/12-24VDC with outdoor mounting bracket



Ordering Information

Part Number	Name	Description
PD-9501GO/12-24VDC	Microsemi PD-9501GO	1-port, 60W 802.3at Gigabit PoE outdoor midspan with 12-24VDC input
PD-OUT/MBK	Microsemi OUT MBK	Mounting brackets for outdoor unit



Microsemi Corporate Headquarters
One Enterprise, Aliso Viejo, CA 92656 USA
Within the USA: +1 (800) 713-4113
Outside the USA: +1 (949) 380-6100
Sales: +1 (949) 380-6136
Fax: +1 (949) 215-4996
email: sales.support@microsemi.com
www.microsemi.com

Microsemi Corporation (Nasdaq: MSCC) offers a comprehensive portfolio of semiconductor and system solutions for communications, defense & security, aerospace and industrial markets. Products include high-performance and radiation-hardened analog mixed-signal integrated circuits, FPGAs, SoCs and ASICs; power management products; timing and synchronization devices and precise time solutions, setting the world's standard for time; voice processing devices; RF solutions; discrete components; security technologies and scalable anti-tamper products; Power-over-Ethernet ICs and midspans; as well as custom design capabilities and services. Microsemi is headquartered in Aliso Viejo, Calif., and has approximately 3,400 employees globally. Learn more at www.microsemi.com.

©2014 Microsemi Corporation. All rights reserved. Microsemi and the Microsemi logo are trademarks of Microsemi Corporation. All other trademarks and service marks are the property of their respective owners.

MSC-PD-DS-9501GO/12-24VDC 5.14