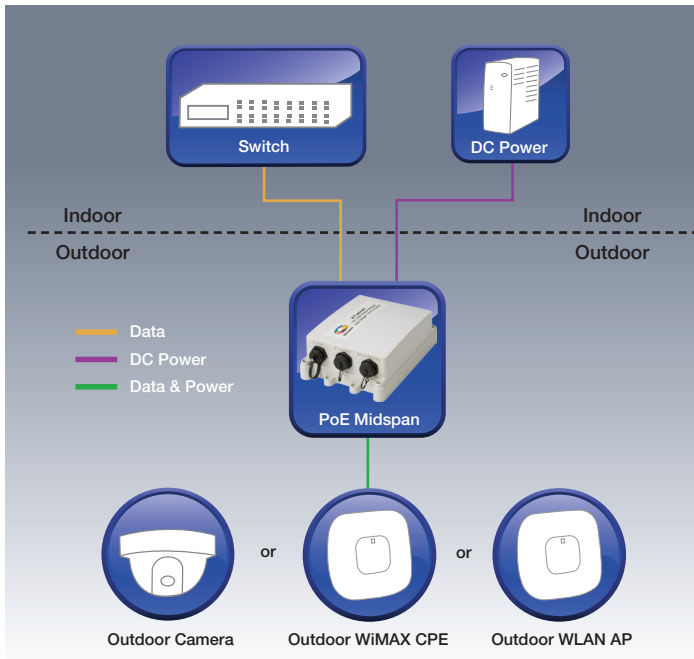


# PD-9001GO/12-24VDC

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



## Overview

Microsemi's PD-9001GO Power over Ethernet (PoE) single-port Midspan offers a cost effective, fully IEEE 802.3af/802.3at compliant solution for outdoor installations, guaranteeing 30 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-9001GO also offers surge protection for both the AC and the PoE ports ensuring the indoor equipment is protected from outdoor surges.

## PD-9001GO Features

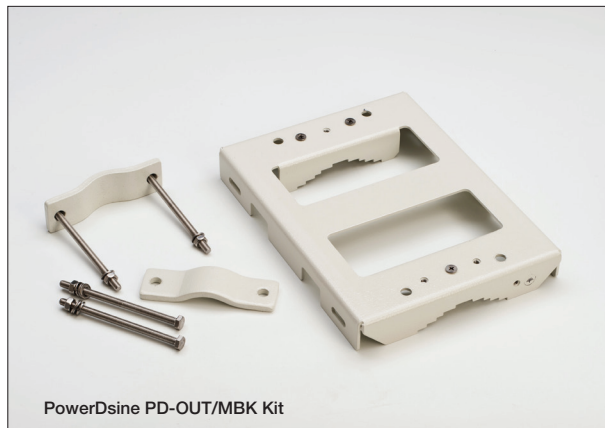
- Outdoor rated: IP66
- Extended temperature range -40C , +65C
- Fully IEEE802.3at standard compliant
- Supports 10/100/1000Mbps data rates
- Plug 'n Play installation (installer does not have to open unit)
- Supports both 802.3af and 802.3at Powered devices
- Includes integral surge protection

## PD-9001GO/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 (-) Output Power Voltage: 55Vdc User Port Power: 30W guaranteed
Input Power Requirements	DC Input Voltage: 10 to 36 VDC DC Input Current: 3.8A
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 131°F (-40 to 55°C) for 30W -40° to 149°F (-40 to 65°C) for 15.4W  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: 400,000 hrs. @25°C
Thermal Rating	23 BTU/Hr (@240VAC)
Warranty	1-year
Regulatory Compliance	IEEE 802.3at (PoE), 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, Level IP66; NEMA 250, Level 4X ASTM B-117 Corrosion Resistance

# PD-9001GO/12-24VDC Midspan

## PD-9001GO/12-24VDC with outdoor mounting bracket



## Ordering Information

Part Number	Name	Description
PD-9001GO/12-24VDC	Microsemi PD-9001GO/12-24VDC	1-port 802.3at Gigabit PoE Outdoor Midspan
PD-OUT/MBK	Microsemi OUT MBK	Mounting brackets for outdoor unit



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