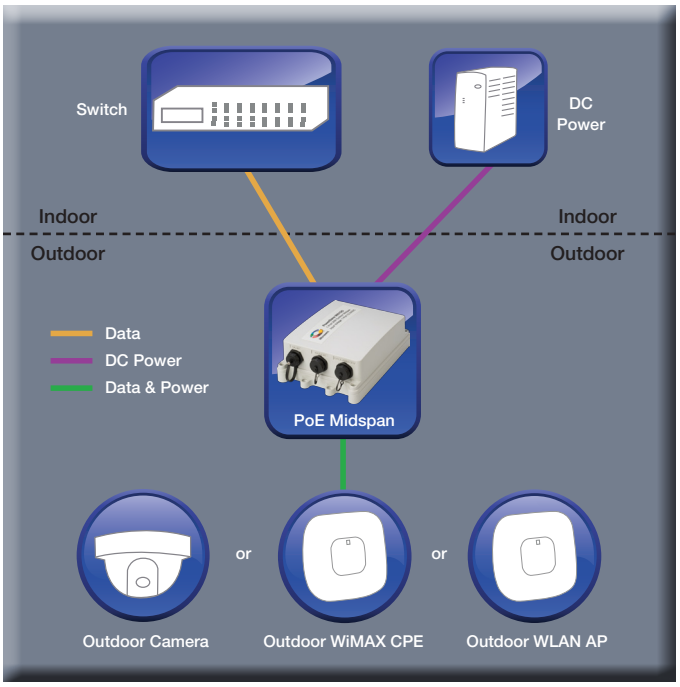
PD-9501GO/12-24VDC

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



Overview

The PowerDsine 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 -40ºC , +55ºC
- 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: -40º to 122ºF (-40 to 50ºC) for 60W -40º to 131ºF (-40 to 55ºC) for 30W
	Operating Humidity: Maximum 95%, Non-condensing
	Storage Temperature: –40º to 185ºF (–40º to 85ºC)
	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. @25ºC
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

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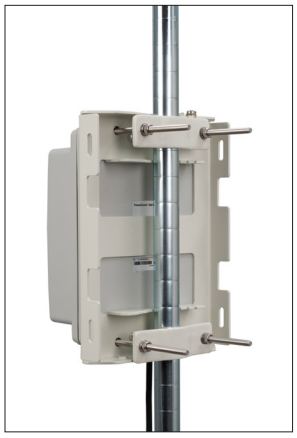
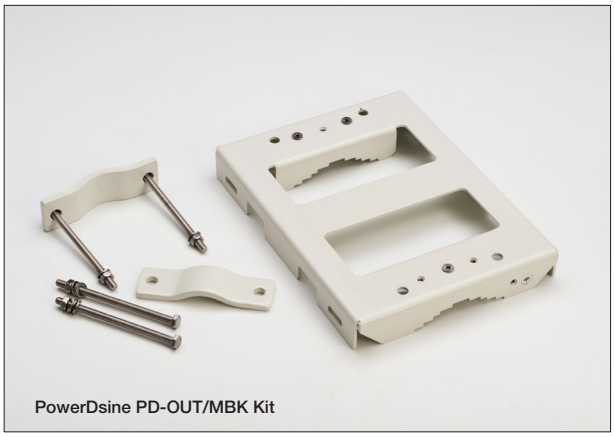
PD-9501GO/12-24VDC with outdoor mounting bracket





PowerDsine PD-OUT/MBK Kit

Ordering Information

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

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