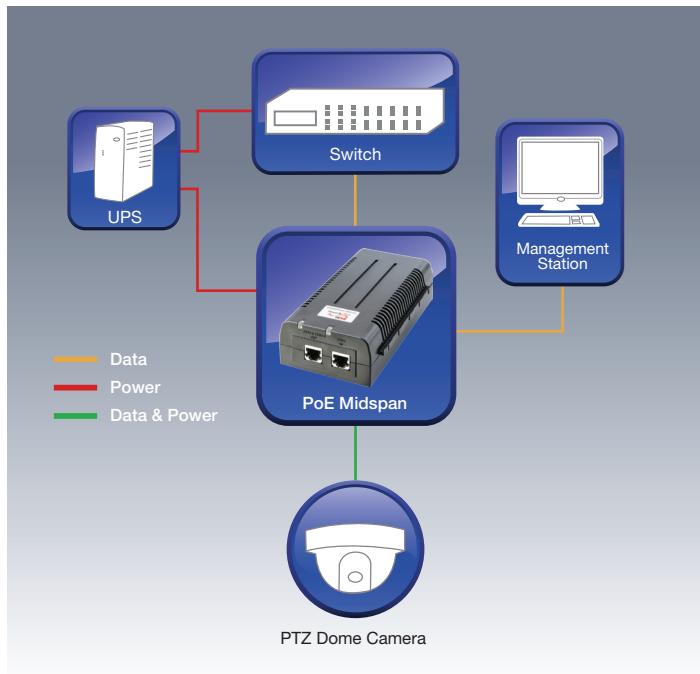


PD-9601G Midspan

PoH 95W, Single-port Gigabit Midspan



Overview

Microsemi's PD-9601G midspan is a single port solution for remote powering of current as well as emerging high power applications.

The Microsemi PD-9601G is designed to power wireless and cellular base stations, pan-tilt-zoom (PTZ) and dome cameras, physical access control with door locks, televisions and interactive displays, Point of Sales (POS) and information kiosks, thin clients and other high power Ethernet end terminals with 95W of power, and is also backward compatible and safe to use with any IEEE802.3af or IEEE802.3at terminal such as VoIP phones, IP cameras and wireless LAN access points. It can power both existing 10/100Base-T devices and emerging wireless Gigabit devices. With the midspan's plug-and-play installation, they are easy and cost effective to implement leveraging existing Ethernet infrastructure while at the same time providing the assurance of a future proof network.

PD-9601G Features

- Up to 95W of power over 4-pairs
- PoH, IEEE802.3at and 802.3af compliant
- Plug-and-play installation
- Guaranteed uptime

PD-9601G Specifications

No. of Ports	1
Pass Through Data Rates	10/100/1000 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: Data Pairs 1/2 (-) and 3/6 (+) Spare Pairs 7/8 (-) and 4/5 (+) Output Power Voltage: 54-57Vdc User Port Power: 95W guaranteed
Input Power	AC Input Voltage: 100 to 240 Vac
Requirements	AC Input Current: 1.8A @100-240Vdc AC Frequency: 50 to 60 Hz
Dimensions	87.9 mm (W) x 43 mm (H) x 166 mm (L) 3.46 in. x 1.68 in. x 6.53 in
Weight	.881 lbs (400g)
Indicators	System Indicator: AC Power (Green)
Channel Power Indicators	Green—Power delivered over 4 pairs Yellow—Power delivered over 2 pairs
Connectors	Shielded RJ-45, EIA 568A and 568B
Environmental Conditions	Operating Ambient Temperature: 14° to 113°F (-10°C to 45°C)
Operating Humidity	Maximum 90%, Non-condensing
Storage Temperature	-4° to 158°F (-20° to 70°C)
Storage Humidity	Maximum 95%, Non-condensing
Operating Altitude	-1000 to 10,000 ft. (-304.8 to 3048 m)
Reliability	MTBF: 100,000 hrs. @25°C
Thermal Rating	80 BTU/Hr
Warranty	1-year
Regulatory	IEEE 802.3af (PoE, PoH Type 1) IEEE 802.3at PoE+, PoH twin Type 2, PoH twin Type 3 (95W), RoHS Compliant, WEEE Compliant, CE
Electromagnetic	FCC Part 15, Class B
Emission & Immunity	EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI
Safety Approvals	UL/cUL Per EN 60950-1 GS Mark Per EN 60950-1

PD-9601G Midspan Family

Ordering Information

Part Number	Name	Ports
PD-9601G/AC	Microsemi PD-9601G	1-port



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.