PD-9606GC/9612GC/9624GC Midspan

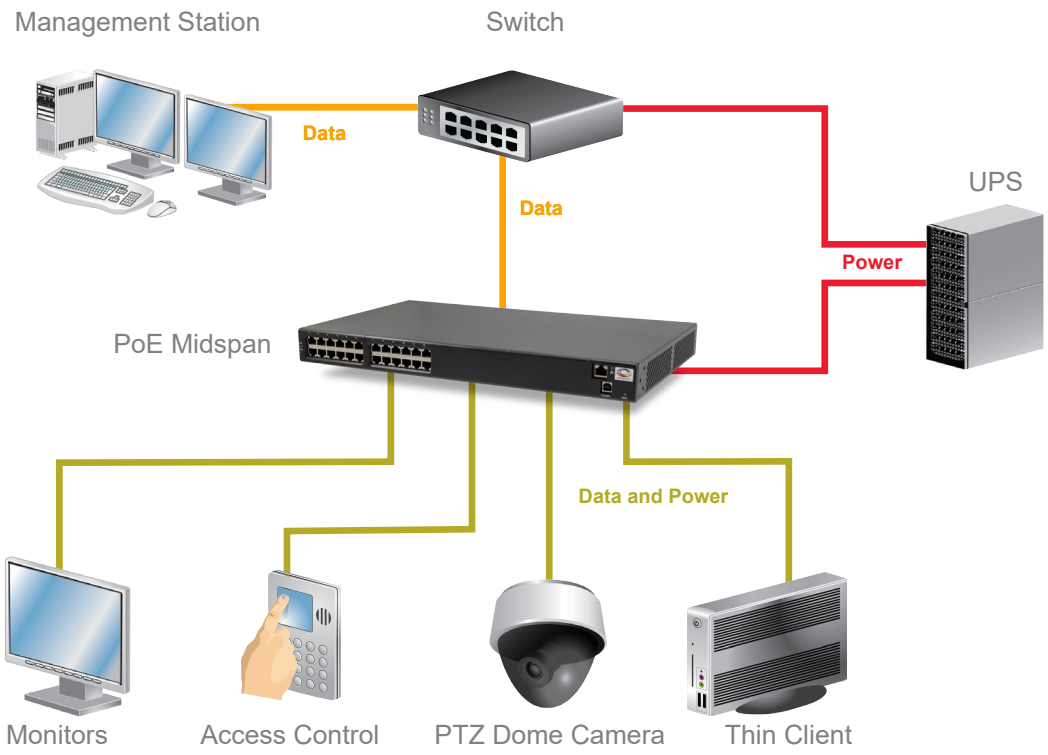
90W/Port Gigabit Midspan Family for High Power Powered Devices

Summary

Microchip's PD-9600GC family is 6, 12 and 24 multiport solution for remote powering of current as well as emerging high power applications. The PD-9600GC is designed specifically to power IEEE 802.11 access points, Pan-Tilt-Zoom (PTZ) and dome cameras, IP videophones, thin clients and other high power Ethernet end terminals with 90W of power. The family solution support 802.3bt powered devices and is also backward compatible and safe to use with any IEEE 802.3af/at terminal. It can power both existing 10/100Base-T devices and 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.

Product Features

- IEEE 802.3bt type 4 standard compliant
- IEEE 802.3af/at backward compatible
- PowerView Pro secure, remote SNMP web-based management
- Supports both IPv4 and IPv6 addressing
- Plug-and-play installation



Specifications

Feature	Description
No. of Ports	6/12/24
Data Rates	10/100/1000 Mbps
Input Power Requirements	AC Input Voltage: 100 to 240 Vac DC Input: 55V (applicable for PD-9612GC and PD-9624GC products)
Dimensions	438 mm × 272 mm × 44 mm 17.3 in × 10.8 in × 1.75 in or 1U
Weight	PD-9612GC and PD-9612GC - 14.3 lbs (5 kg) PD-9606GC - 9.25 lbs (4.2kg)
Remote Management	PowerView Pro is included
Indicators	System Indicator: AC Power (Green) Channel Power Indicators: Green-Power supplied over data and spare pairs Orange-Power supplied over data or spare pairs
Connectors	PoE ports and management port: Shielded RJ-45, EIA 568A and 568B Console Port: USB Connector Type B DC Connector: DC Block Terminal Comm. connector: USB-B type-B
Environmental Conditions	Operating Ambient Temperature: Conditions 32º to 104ºF (0 to 40ºC) Operating Humidity: 10% to 90%, Non-condensing Storage Temperature: –4º to +158ºF (–20º to +70ºC) Storage Humidity: 5% to 95%, Non-condensing Operating Altitude: –1000 to 6,561 ft. (–304.8 to 2,000m)
Warranty	Limited lifetime (see Terms and Conditions)
Regulatory Compliance	IEEE 802.3bt RoHS Compliant CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN 55032 Class B (Emissions) EN 55024 (Immunity) VCCI
Safety	UL/IEC/EN 60950-1 (Ed. 2)

Ordering Information

Product Name	Description	Part Number
PD-9606GC/AC	6-port BT midspan, 4-pairs 90W/port, managed, 10/100/1000 BaseT, AC input	PD-9606GC/AC-US: US plug PD-9606GC/AC-EU: EU plug PD-9606GC/AC-UK: UK plug PD-9606GC/AC-AU: AU plug
PD-9612GC/AC	12-port BT midspan, 4-pairs 90W/port, managed, 10/100/1000 BaseT, AC with, DC input or current sharing	PD-9612GC/AC-US: US plug PD-9612GC/AC-EU: EU plug PD-9612GC/AC-UK: UK plug PD-9612GC/AC-AU: AU plug
PD-9624GC/AC	24-port BT midspan, 4-pairs 90W/port, managed, 10/100/1000 BaseT, AC with, DC input or current sharing	PD-9624GC/AC-US: US plug PD-9624GC/AC-EU: EU plug PD-9624GC/AC-UK: UK plug PD-9624GC/AC-AU: AU plug

For More Information

www.microsemi.com

http://www.microchip.com/design-centers/power-over-ethernet

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