

PD-9606GC/9612GC/9624GC Midspan

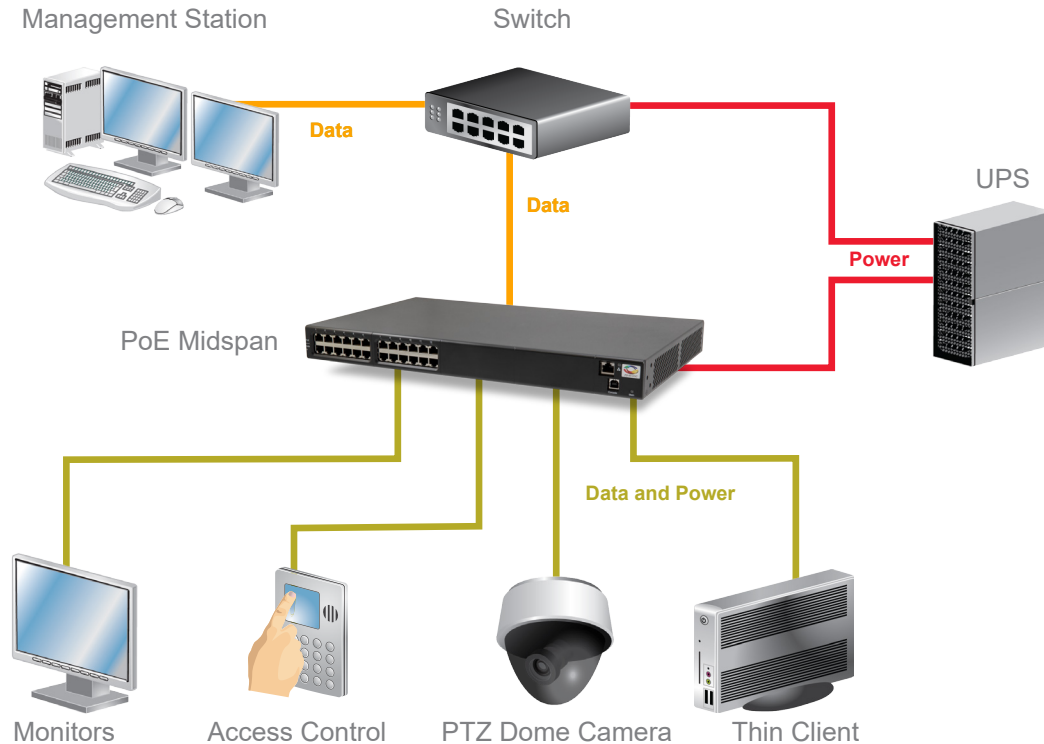
90W/Port Gigabit Midspan Family for High-Power Powered Devices

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
PoE Power Budget	PD-9624GC/AC and PD-9612GC/AC – 950W PD-9606GC/AC – 450W
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 Comm. Connector: USB-B type-B
Environmental Conditions	Operating Ambient Temperature: Conditions 32° to 104°F (0 to 40°C) Operating Humidity: 10% to 90%, Non-condensing Storage Temperature: -4° to +158°F (-20° to +70°C) Storage Humidity: 5% to 95%, Non-condensing Operating Altitude: -1000 to 6,561 ft. (-304.8 to 2,000m)
Warranty	3 years
Regulatory Compliance	IEEE 802.3bt RoHS Compliant CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B, EN 55032 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, VCCI
Safety	UL 60950-1, EN 60950-1, IEC 60950-1 UL 62368-1, EN 62368-1, IEC 62368-1

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 input	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 input	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.microchip.com/design-centers/power-over-ethernet