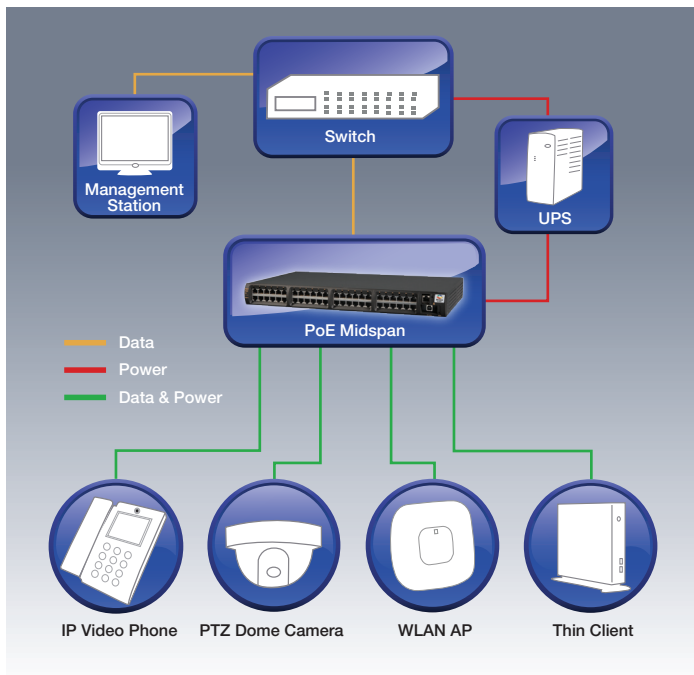


PD-9000G Family

IEEE802.3at Compliant 36W/Port Midspan Family



Overview

Microsemi's PD-9000G Family is designed specifically to power IEEE 802.11n and IEEE 802.3at access points, pan-tilt-zoom (PTZ) and dome cameras, IP videophones, thin clients and other high power Ethernet end terminals. The family includes 6, 12 and 24 port models, which are backward compatible and safe to use with any 802.3af terminal such as VoIP phones, IP cameras and wireless LAN access points.

With plug-and-play installation, Microsemi midspans are easily and cost effectively implemented leveraging an existing Ethernet infrastructure while at the same time providing the assurance of a future proof network.

For secure remote management, all PD-9000G models include PowerView Pro management software.

PD-9000G Features

- High Power over 2-pairs -- 36W per port
- Power redundancy:
 - Mutual midspan-to-midspan backup
 - DC backup via external PowerDsine RPS products
- PowerView Pro secure, remote SNMPv3 and Cloud-based management
- Safe & reliable power over existing Ethernet infrastructure
- Cisco and legacy PoE support (dongles required)
- Plug-and-play installation
- Guaranteed power uptime

PD-9000G Specifications

| | |
|-------------------------------------|---|
| No. of Ports | 6/12/24 |
| 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: 36W Typ. Aggregate Power: 450W, 1000W |
| Input Power Requirements | AC Input Voltage: 100 to 240 Vac DC Input: ACDC units:RPS or another 9000 midspan DC units: 46V - 57V AC Input Current: 450W Units: 5.5A @ 110 Vac; 2.75A @ 220 Vac 1000W Units: 12A @ 110 Vac; 6A@220 Vac AC Frequency: 50 to 60 Hz |
| Dimensions | 438 mm x 272 mm x 44 mm 17.3 in. x 10.8 in. x 1.75 in or 1U |
| Weight | 14.3 lbs (6.5 kg) |
| Management | PowerView Pro included |
| Indicators | System Indicator: AC Power (Green) User Indicator: Channle Power (Green) |
| Connectors | PoE ports and management port: Shielded RJ-45, EIA 568A and 568B Console Port: USB Connector Type B DC Connector: DC Block Terminal RPS Com Connector: HD-D-sub-15 |
| Environmental Conditions | Operating Ambient Temperature: 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 10,000 ft. (-304.8 to 3048 m) |
| Thermal Rating | 365/810 BTU/Hr |
| Regulatory | IEEE 802.3af (PoE, PoH Type 1), |
| Compliance | IEEE 802.3at (PoE+ including 2-event, PoH Type 2), RoHS Compliant, VCCI, CE, C-Tick |
| Electromagnetic Emission & Immunity | FCC Part 15, Class B EN 55022 Class B (Emissions) EN 55024 (Immunity), VCCI |
| Safety Approvals | UL/cUL Per EN 60950-1 GS Mark Per EN 60950-1 |

Ordering Information

| Part Number | Name | Ports | Total Watts |
|-------------------|--------------------|---------|-------------|
| PD-9006G/ACDC/M | Microsemi PD-9006G | 6-port | 450W |
| PD-9012G/ACDC/M | Microsemi PD-9012G | 12-port | 450W |
| PD-9024G/ACDC/M/F | Microsemi PD-9024G | 24-port | 1000W |



Microsemi

Microsemi Corporate Headquarters
One Enterprise, Aliso Viejo, CA 92656 USA
Within the USA: +1 (800) 713-4113
Outside the USA: +1 (949) 380-6100
Sales: +1 (949) 380-6136
Fax: +1 (949) 215-4996
email: sales.support@microsemi.com
www.microsemi.com

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.

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С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



Тел: +7 (812) 336 43 04 (многоканальный)

Email: org@lifeelectronics.ru