SMCFS801P

EZ Switch™ 10/100 8-Port Fast Ethernet PoE Switch

Product Overview
SMC Networks’ SMCFS801P 8-port 10/100M desktop PoE switch provides seamless network connections, integrating 100 Mbps Fast Ethernet and 10 Mbps Ethernet network capabilities. The PoE ports can automatically detect and supply power to IEEE 802.3af/at-compliant Powered Devices (PDs). PoE electrical power is transmitted along with data in a single cable, allowing a network to expand where there are no power lines or outlets, to where you want to install devices such as APs, IP cameras, or IP phones etc.

The SMCFS801P is easy to install and use, requiring no configuration. With a simple desktop design, outstanding performance and quality, the 8-port 10/100M desktop PoE switch is an excellent choice for expanding your home or office network.

Key Features and Benefits

PoE Features
The SMCFS801P provides power to attached devices, such as VoIP phones, wireless access points, surveillance cameras etc, all over existing Cat. 5 cables. The switch can provide 8, 15.4, or 30 Watts through each port depending on device needs. The total PoE power budget for the switch is 120W. If attached devices draw over 120W, the switch provides a network function only. When using the PoE function, port LEDs indicate PoE power. The switch eliminates the need for individual power sources for devices in the network, saving on costs for power cables and avoiding power outlet availability issues.

IEEE 802.3az Energy-Efficient Ethernet Support
When two 802.3az-compliant switches are connected, up to 67%* of power consumption can be saved.

Fanless Design
The SMCFS801P’s simple design does not include any cooling fans, enabling the unit to run completely silently and reliably in whatever location it is installed.

Plug-and-Play
The switches are completely plug and play; no configuration is necessary. These plug-and-play switches are an ideal choice for integrating Fast Ethernet and boosting LAN bandwidth for small to medium-sized workgroups.

Auto MDI/MDIX on Each Port
Support for Auto-MDI/MDIX means that no crossover cables are required. Straight-through cables can be used for all connections.

IEEE 802.3af Energy-Efficient Ethernet Support
When two 802.3af-compliant switches are connected, up to 67%* of power consumption can be saved.

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Features

Physical Ports
- 8 10/100BASE-TX RJ-45 PoE ports

Ethernet Standard
- 10BASE-T (IEEE 802.3)
- 100BASE-TX (IEEE 802.3u)
- Flow Control (IEEE 802.3x)

Features
- IEEE 802.3x Flow Control
- Auto MDI/MDI-X
- Supports auto-negotiation of speed (10/100 Mbps) and duplex mode (half/full)
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragment & CRC error packets

PoE Feature
- Support IEEE 802.3af/802.3at
- Support Power to PD: 30 W
- Total PoE Budget: 120 W
- PoE Ports: 8 (Port 1-8)

Switching Database
- 2K MAC address entries

Memory Buffer
- 768K Bits (96K Bytes) per device

Switching Capacity
- 1.6 Gbps

Throughput
- 1.2 Mpps

LED
- System: Power
- Port: Link/Act, PoE, PoE Max A/B

Power Supply
- AC Input: 100–240 V, 50/60Hz
- DC Output: DC 52 V, 2.9 A

Mechanical
- Dimensions (W x D x H): 280 x 179 x 44.5 mm (11.0 x 7.05 x 1.75 in)
- Weight: 1620 g (3.58 lb)

Electromagnetic Compatibility
- CE
- FCC
- BSMI

Safety
- LVD (EN60950)

Immunity
- EN55024
- IEC61000-4-2/3/4/5/6/8/11

Emissions
- FCC Class A, EN55022/EN61000-3-2/3

Environmental Specification
- Operating: 0°C–40°C (32°F–104°F)
- Storage: -40°C to 70°C (-40°F to 158°F)

Humidity
- Operating: 10%-90% Relative Humidity
- Storage: 10%-90% Relative Humidity

Warranty
Please check www.smc.com for the warranty terms in your country.

Contact

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