SMCFS801P
EZ Switch™ 10/100 8-Port Fast Ethernet PoE Switch

Plug and Play

Mini Design

Green Saving

Auto MDI/MDIX

802.3af 802.3at

up to **60%** Power Saving

Normal Switch | SMCFS801P
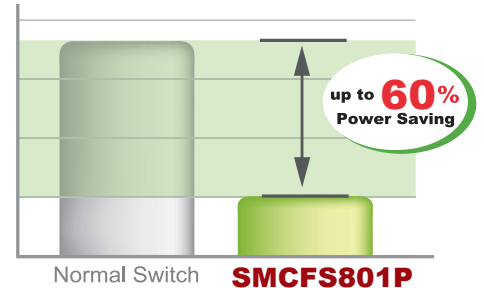
Product Overview

SMC Network's SMCFS801P 8-port 10/100M desktop PoE switch provides seamless network connection, 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 fix 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 can provide up to 30 Watts of power to attached devices, such as VoIP phones, wireless access points, surveillance cameras etc, all over existing Cat. 5 cables. The switch can deliver up to 30 Watts on 4 ports, 15.4 Watts on 8 ports, or 7.5 Watts on 8 ports. The total PoE power budget is 120W. PoE eliminates the need for individual power sources for devices in the network, saving on costs for power cables and avoiding power outlet availability issues. If the power demand exceeds the switch's maximum power budget, ports can be prioritized to receive power.

Power-Saving Feature
SMC's Green Saving implements a power-saving feature that makes your network environmentally friendly by automatically powering down ports that have no link.
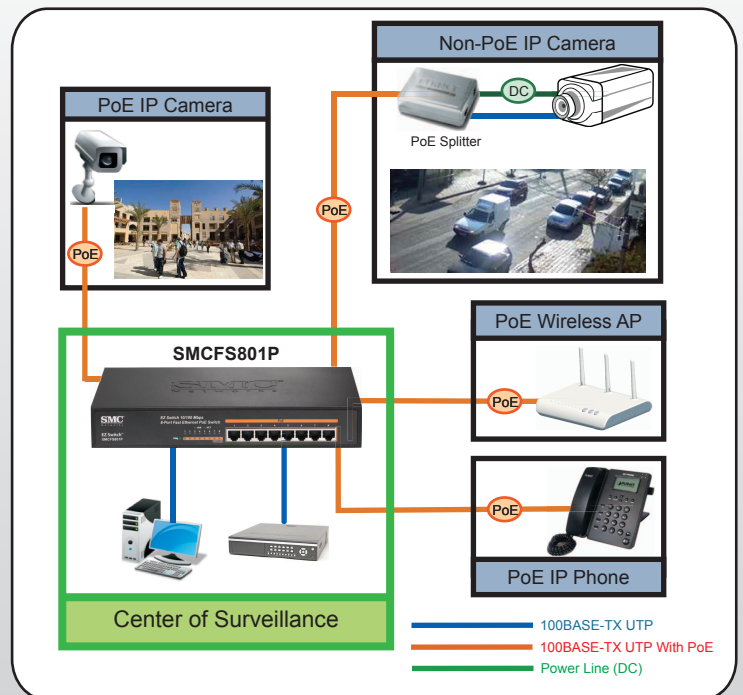
Fanless Design
The SMCFS801P's simple design does not include any cooling fans, enabling the unit to run completely silently and reliably in whatever location it is installed.

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

Non-PoE IP Camera

DC

PoE IP Camera

PoE Splitter

PoE

PoE

SMCFS801P

PoE Wireless AP

PoE

PoE

PoE IP Phone

Center of Surveillance

— 100BASE-TX UTP
— 100BASE-TX UTP With PoE
— Power Line (DC)

Features

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

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: 30W
- Total PoE Budget: 120W (Total Power: 130W)
- PoE Ports: 8 (Port 1-8)

Switching Database
- 2K MAC address entries

Memory Buffer
- 440K Bits (55K Bytes) /Device

Switching Capacity
- 1.6 Gbps

Throughput
- 1.2 Mpps

LED
- System: Power
- Port: Link/Activity

Power Supply
- AC Input: 100~240V, 50/60Hz
- DC Output: DC 50V, 2.5A

Mechanical
- Dimensions (W x D x H): 280 x 179 x 44.5 mm (11.0 x 7.05 x 1.75 in)
- Weight: 1722g (3.80lbs)

Electromagnetic Compatibility
- CE Class A
- FCC Class A

Immunity
- EN 55024:2010
- IEC 61000-4-2:2008
- IEC 61000-4-3:2006+A1:2007+A2:2010
- IEC 61000-4-4:2010
- IEC 61000-4-5:2005
- IEC 61000-4-6:2008
- IEC 61000-4-8:2009
- IEC 61000-4-11:2004

Emissions
- EN 55022:2010 AS/NZS CISPR 22:2009, Class A
- EN 61000-3-2:2006+A1:2009+A2:2009
- EN 61000-3-3:2008

Safety
- LVD (EN60950)

Environmental Specification
- Operating: 0°C~50°C (32°F~122°F)
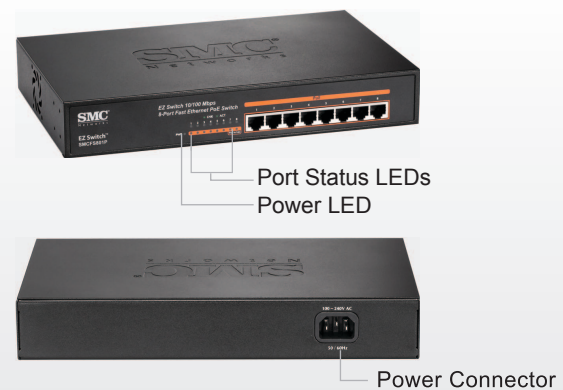- Storage: -40°C to 70°C (-40°F to 158°F)

Humidity
- Operating: 0%-90% Relative Humidity
- Storage: 0%-90% Relative Humidity

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

Physical Connection

SMCFS801P

Port Status LEDs
Power LED

Power Connector

Contact

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