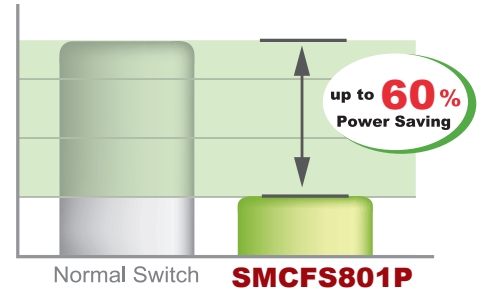


## SMCFS801P

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



#### 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 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 8/15.4/30 Watts through each port depending on device needs. The total PoE power budget for the switch is 105W. If attached devices draw over 105W, 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.

##### 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

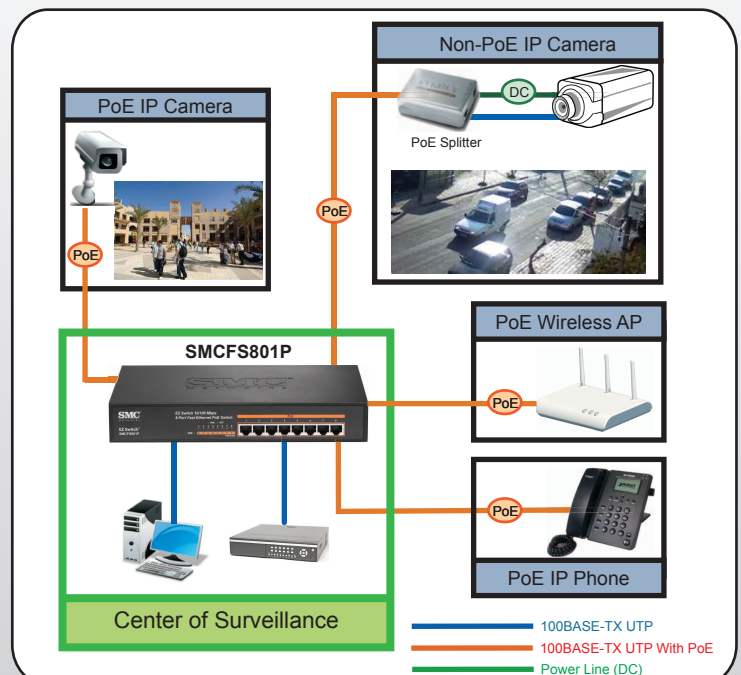
The SMCFS801P's simple design does not include any cooling fans, enabling the unit to run completely silently and reliably in whatever location it is installed.

##### 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.



## 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: 30W
- Total PoE Budget: 105W (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

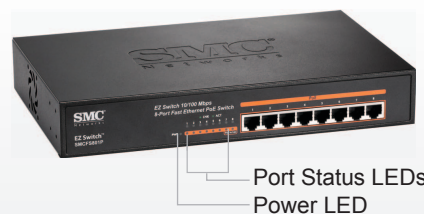
- Operating: 5%-90% Relative Humidity
- Storage: 10%-90% Relative Humidity

### Warranty

Please check [www.smc.com](http://www.smc.com) for the warranty terms in your country.

## Physical Connection

### SMCFS801P



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