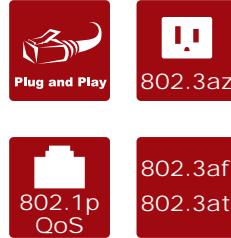
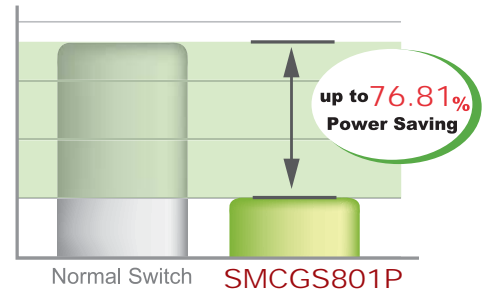


SMCGS801P

EZ Switch™ 10/100/1000 8-Port Gigabit Ethernet PoE Switch



802.3az
Green Saving



Product Overview

SMC Network's SMCGS801P 8-port 10/100/1000 Mbps desktop PoE switch provides seamless network connections, integrating 1000 Mbps Gigabit Ethernet and 10/100 Mbps Ethernet network capabilities. The PoE ports can automatically detect and supply power to IEEE 802.3af/at-compliant Powered Devices (PDs). The electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, to where you need to install devices such as APs, IP cameras, or IP phones etc.

The SMCGS801P is easy to install and requires no configuration. With outstanding performance and quality, the 8-port 10/100/1000 Mbps desktop PoE switch is an ideal choice for expanding your home or office network.

Key Features and Benefits

PoE Features

The SMCGS801P can provide up to 30 Watts of power to attached devices, such as VoIP phones, wireless access points, surveillance cameras etc, all over existing Cat5.E/Cat6 cables. The switch can deliver up to 30 Watts on 4 ports, or up to 15.4 Watts on all 8 ports. The total PoE power budget is 120W. 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 76.81%* of power consumption can be saved.

Fanless Design

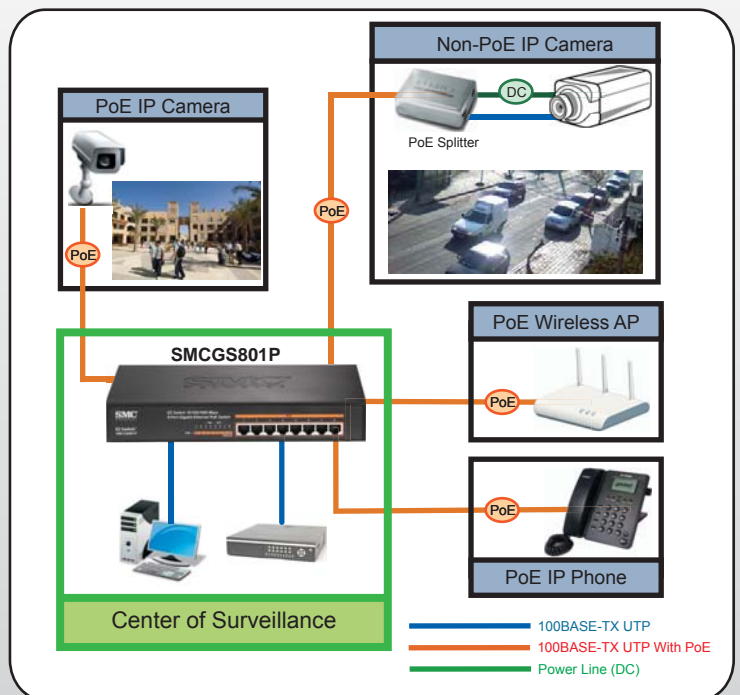
The SMCGS801P's simple design does not include any cooling fans, enabling the unit to run completely silently and reliably in whatever location it is installed.

Support for Quality of Service

When the switch receives a frame tagged with an 802.1p priority tag, it is placed in the appropriate priority queue. Priority queuing is useful in environments where time-sensitive data, such as voice and video, are streamed across the network.

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 10/100/1000BASE-T RJ-45 PoE ports
- DC power socket

Ethernet Standard

- 10BASE-T (IEEE 802.3)
- 100BASE-TX (IEEE 802.3u)
- 1000BASE-T (IEEE 802.3ab)
- 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 (ports 1-8)

Switching Database

- 8K MAC address entries

Memory Buffer

- 1M Bits (128K Bytes)/Device

Switching Capacity

- 16 Gbps

Throughput

- 12 Mpps

LED

- System: Power
- Port: Link/Activity

Power Supply

- AC Input: 100~240V, 50/60Hz
- DC Output: 50VDC, 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: 1734g (3.83lbs)

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

SMCGS801P



Contact

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