

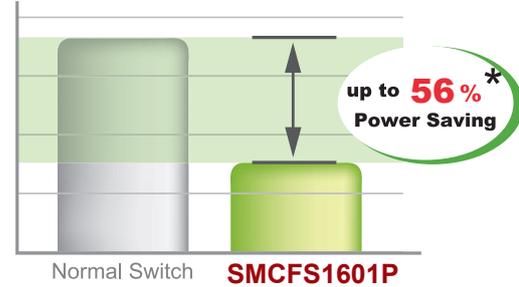
SMCFS1601P

EZ Switch™ 10/100 16-Port Fast Ethernet PoE Switch



- Plug and Play
- 802.3az
- 802.1p QoS
- 802.3af 802.3at

802.3az
Green Saving



Product Overview

SMC Network's SMCFS1601P 16-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). The electrical power is transmitted along with data in one single cable, allowing you to expand your network to where there are no power lines or outlets, to where you need to locate devices such as APs, IP cameras or IP phones, etc.

The SMCFS1601P is easy to install and requires no configuration. With its desktop design, outstanding performance and quality, the 16-port 10/100M PoE switch is an ideal choice for expanding your home or office network.

Key Features and Benefits

PoE Features

The SMCFS1601P 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 8 ports, or up to 15.4 Watts on all 16 ports. The total PoE Power Budget is 250W. 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

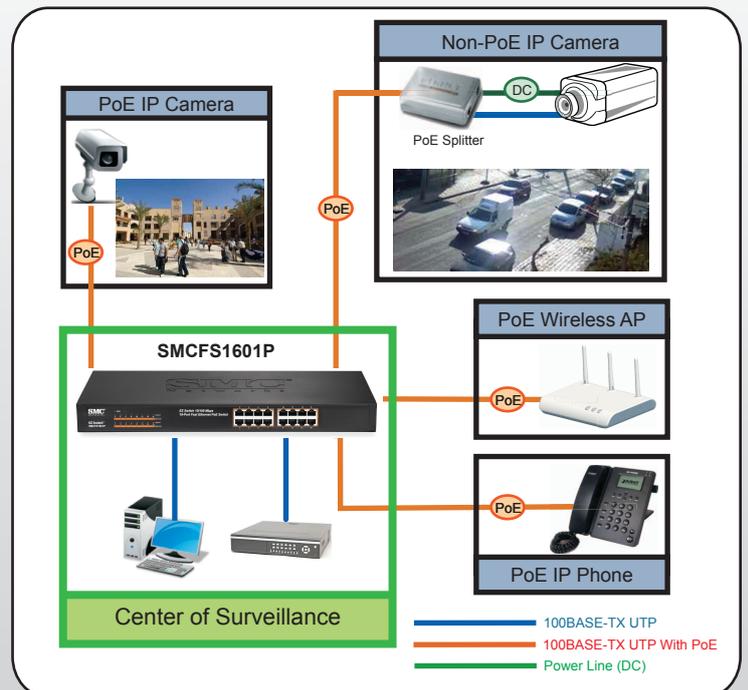
When two 802.3az-compliant switches are connected, up to 56%* of power consumption can be saved.

Support for Quality of Service

When the switches receive 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

- 16 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: 250W
- PoE Ports: 16 port (Port 1-16)

Switching Database

- 8K MAC address entries

Memory Buffer

- 2M Bits (256K Bytes)/Device

Switching Capacity

- 3.2 Gbps

Throughput

- 2.4 Mpps

LED

- System: Power
- Port: Link/Activity

Power Supply

- AC Input: 100~240V, 50/60Hz
- DC Output: DC 50V, 4.5A

Mechanical

- Dimensions (W x D x H): 442 x 208 x 44 mm (17.5 x 8.1 x 1.77 in)
- Weight: 2510g (5.54lbs)

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

SMCFS1601P



Contact



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