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

up to **56**%* Power Saving

Normal Switch   SMCFS1601P
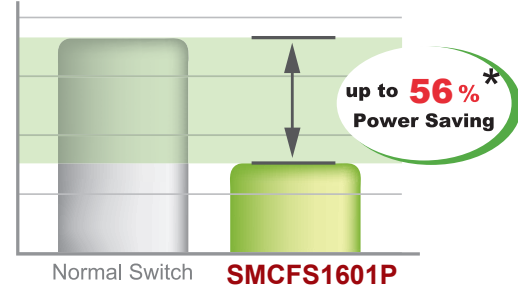
Product Overview

SMC Network's SMCFS1601P 16-port 10/100 Mbps 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 10/100 Mbps PoE switch is an ideal choice for expanding your home or office network.

Key Features and Benefits

PoE Features

The SMCFS1601P 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 200W. If attached devices draw over 200W, 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.

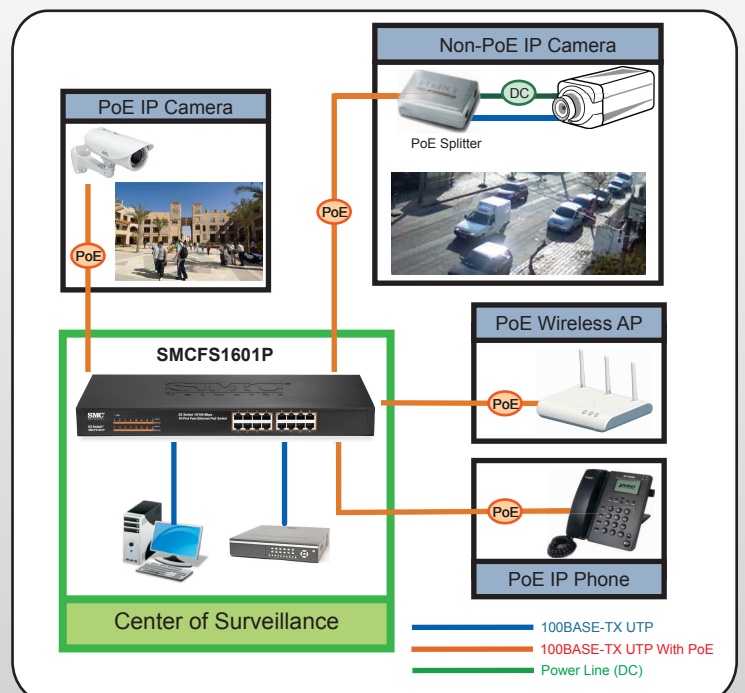### IEEE 802.3az Energy-Efficient Ethernet Support

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

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 crossover cables are required. Straight-through cables can be used for all connections.

Non-PoE IP Camera

PoE IP Camera

PoE Splitter

PoE

PoE

SMCFS1601P

PoE Wireless AP

PoE

PoE

Center of Surveillance

PoE IP Phone

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

Features

Physical Ports
- 16 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: 200W (Total Power: 240W)
- PoE Ports: 16 ports (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 55022
- EN 55024

Emissions
- EN 61000-3-2/3
- EN 61000-3-2:2006+A1:2009+A2:2009
- EN 61000-3-3:2008

Safety
- LVD (EN60950)

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.

Physical Connection

SMCFS1601P

Port Status LEDs
Power LED

Power Connector

Contact

Connect Your World ...

Switches | Wireless | Broadband | Home Security | Network Adapters

www.smc.com
www.smc-asia.com