SMCFS1601P
EZ Switch™ 10/100 16-Port Fast Ethernet PoE Switch

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.

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.

IEEE 802.3az Energy-Efficient Ethernet Support
When two 802.3az-compliant switches are connected, up to 56%* of power consumption can be saved.
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 61000-3-3:2008

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

Power Connector
Port Status LEDs
SMCFS1601P

Contact

Edge-Core Networks Corporation
Worldwide Corporate and Sales Headquarters
No. 1 Creation Road III,
Hsinchu Science Park,
30077, Taiwan, R.O.C.
Tel: +886 3 5638888 Fax: +886 3 6686111

Singapore
15 Enggor Street
#10-04, Realty Centre
Singapore 079716
Tel: 65-63387667 Fax: 65-63387767

Check www.smca-asia.com or www.smcom.com for your local country contact information

www.smg.com
www.smca-asia.com