SMCGS502/SMCGS802
EZ Switch™ 5- and 8-Port Gigabit Ethernet Switches

Product Overview
The SMC EZ Switch™ 10/100/1000 family includes the SMCGS502 and SMCGS802, 5- and 8-port unmanaged 10/100/1000 Mbps Gigabit Ethernet switches with plastic-case chassis that bring the speed of Gigabit copper to the desktop. Environmentally friendly, they consume up to 76%* less power than non-Green Ethernet switches, without reducing network performance. QoS priority and Auto-MDI/MDIX on all ports makes these Gigabit desktop switches ideal for home and small office network environments.

Key Features and Benefits
IEEE 802.3az Energy-Efficient Ethernet Support
When two 802.3az-compliant switches are connected, up to 76%* of power consumption can be saved.

Support for IEEE 802.1p Quality of Service
The switch supports 802.1p Quality of Service, which is useful in implementations where time-sensitive data, such as voice and video, are streamed across the network.

Broadcast Storm Control and CRC Filtering
Broadcast storm control prevents broadcast traffic storms from consuming bandwidth, and CRC filtering stops bad packets from propagating throughout the network.

Support for Jumbo Packets
Support for Jumbo packets of up to 9K Bytes in size.

Auto MDI/MDI-X on Each Port
Support for Auto-MDI/MDIX means that no crossover cables are required. Straight-through cables can be used for all connections.
Features

Physical Ports
SMCGS502:
- 5 10/100/1000BASE-T
- DC power socket
SMCGS802:
- 8 10/100/1000BASE-T
- DC power socket

Network Interface
- 10BASE-T (IEEE 802.3)
- 100BASE-TX (IEEE 802.3u)
- 1000BASE-T (IEEE 802.3ab)

Features
- Jumbo Frames 9K
- IEEE 802.3x Flow Control
- Auto-MDI/MDIX
- IEEE 802.1p QoS
- IEEE 802.3az

Switching Database
- 8K MAC address entries

Memory Buffer
- 1M Bits (128K Bytes)/Device

Throughput
- SMCGS502: 7.4 Mpps
- SMCGS802: 11.9 Mpps

LED
- System: Power
- Port: Link/Activity

Power Supply
- External power adapter 9V/0.5A

Mechanical
- Dimensions (W x D x H): 144.5 x 87 x 27 mm (5.69 x 3.43 x 1.06 in)

Weight
- SMCGS502: 142 g (0.31 lbs)
- SMCGS802: 166 g (0.37 lbs)

Electromagnetic Compatibility
- CE Class A
- FCC Class A

Environmental Specification
- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 10% to 90% (non-condensing)

Safety
- LVD (EN60950)

Immunity
- EN55024
- IEC61000-4/2/3/4/5/6/8/11

Emissions
- FCC Class A, EN55022/EN61000-3-2/3

Warranty
Please check www.smc.com for the warranty terms in your country.

Physical Connection

SMCGS502
- 5 Gigabit LAN Ports
- Diagnostic LEDs
- Power LEDs
- Power Connector

SMCGS802
- 8 Gigabit LAN Ports
- Diagnostic LEDs
- Power LEDs
- Power Connector

*According to an IEEE 802.3az Energy Efficient Ethernet measurement test conducted by an independent testing company, the SMCGS502 saves 73.2% and the SMCGS802 76.81% when each is compared to a non-Green Ethernet switch.

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
1 Coleman Street
#07-09, The Adelphi
Singapore 179803
Tel: 65-63387667 Fax: 65-63387767

Europe/Africa
C/Fructuós Gelabert 6-8 2º, 2*,
Edificio Conata II,
08970 Sant Joan Despí
Barcelona - Spain
Phone: +34 93 477 4920

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

SMC-DS-0312-01