

SMCGS501/SMCGS801

EZ Switch™ 5- and 8-Port Gigabit Ethernet Switches

Product Overview

The SMC EZ Switch 10/100/1000, SMCGS501 and SMCGS801, are 5- and 8-port unmanaged 10/100/1000 Mbps Gigabit Ethernet switches with metal chassis that bring the speed of Gigabit copper to the desktop. Environmentally friendly, they consume up to 75%* 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.



802.3az
Green Saving

Key Features and Benefits

IEEE 802.3az Energy-Efficient Ethernet Support

When two 802.3az-compliant switches are connected, up to 75%* 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

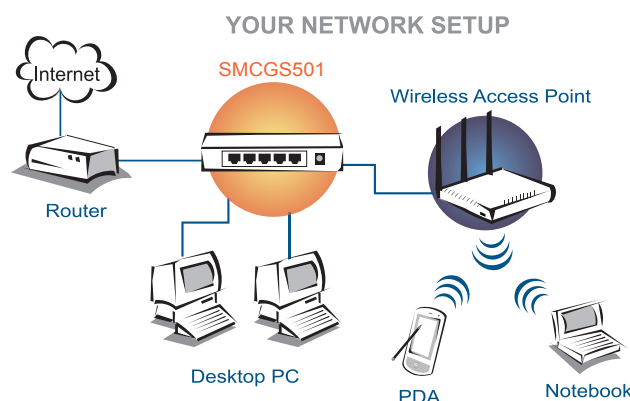
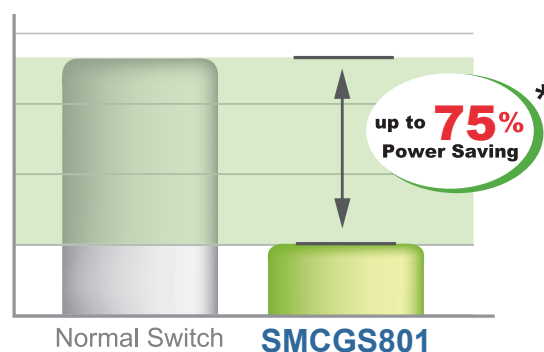
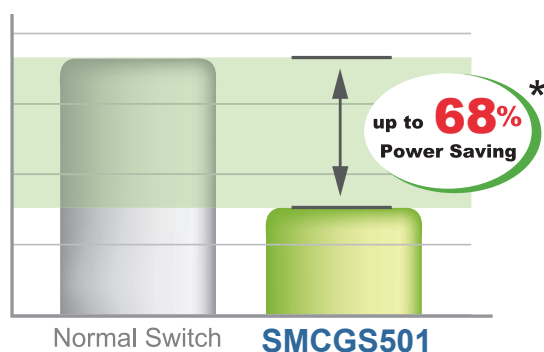
Broadcast storm control prevents broadcast traffic storms from consuming bandwidth, and CRC filtering stops bad packets from propagating throughout the network.

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

SMCGS501:

- 5 x 10/100/1000BASE-T
- DC power socket

SMCGS801:

- 8 x 10/100/1000BASE-T
- DC power socket

NETWORK INTERFACE

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

SWITCHING DATABASE

- SMCGS501: 8K MAC address entries
- SMCGS801: 8K MAC address entries

BUFFER MEMORY

- SMCGS501: 128 KB/device
- SMCGS801: 128 KB/device

FEATURES

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

LED

- Power
- Link/Activity

POWER CONSUMPTION

- SMCGS501: 2.635 W
- SMCGS801: 3.165 W

THROUGHPUT

- SMCGS501: 7.4 Mpps
- SMCGS801: 11.9 Mpps

DIMENSIONS

- SMCGS501: 12.1 x 7.5 x 2.6 cm (4.8 x 3.0 x 1.0 in)
- SMCGS801: 15.5 x 8.5 x 2.6 cm (6.1 x 3.4 x 1.0 in)

WEIGHT

- SMCGS501: 271 g (0.60 lbs)
- SMCGS801: 346 g (0.76 lbs)

*According to an IEEE 802.3az Energy Efficient Ethernet measurement test conducted by an independent testing company, the SMCGS501 saves 68.69% and the SMCGS801 75.99% when each is compared to a non-Green Ethernet switch.

ELECTROMAGNETIC COMPATIBILITY

- CE Mark
- FCC Class A
- KCC

IMMUNITY

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

EMISSIONS

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

SAFETY

- LVD (EN60950)

TEMPERATURE

- Operating: 0°C~40°C (32°F~104°F)
- Operating: 10%-90% Relative Humidity

WARRANTY

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

Contact

Worldwide Corporate and Sales Headquarters
No. 1 Creation Road III,
Hsinchu Science Park,
30077, Taiwan, R.O.C.
Tel: +886 3 5770270 Fax: +886 3 5780764

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

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

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

Check www.smc.com for your local country contact information

©2011 SMC Networks. EZ Switch™ is a trademark of SMC Networks. Other trademarks or registered trademarks are the property of their respective owners. Information is subject to change without notice. All rights reserved.