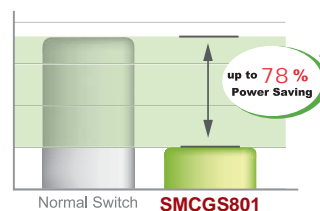
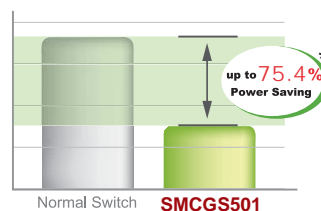
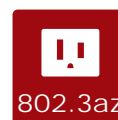


## SMCGS501/SMCGS801

### EZ Switch<sup>™</sup> 5- and 8-Port Gigabit Ethernet Switches



### Product Overview

The SMC EZ Switch<sup>™</sup> 10/100/1000 family includes the SMCGS501 and SMCGS801, 5- and 8-port unmanaged 10/100/1000 Mbps Gigabit Ethernet switches with metal-case chassis that bring the speed of copper to the desktop. Environmentally friendly, the new green-saving 802.3az feature consumes up to 78%\* less power than non-Green Ethernet switches, without reducing network performance. Plug and Play 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 78%\* of power consumption can be saved.

#### 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.

#### Plug-and-Play

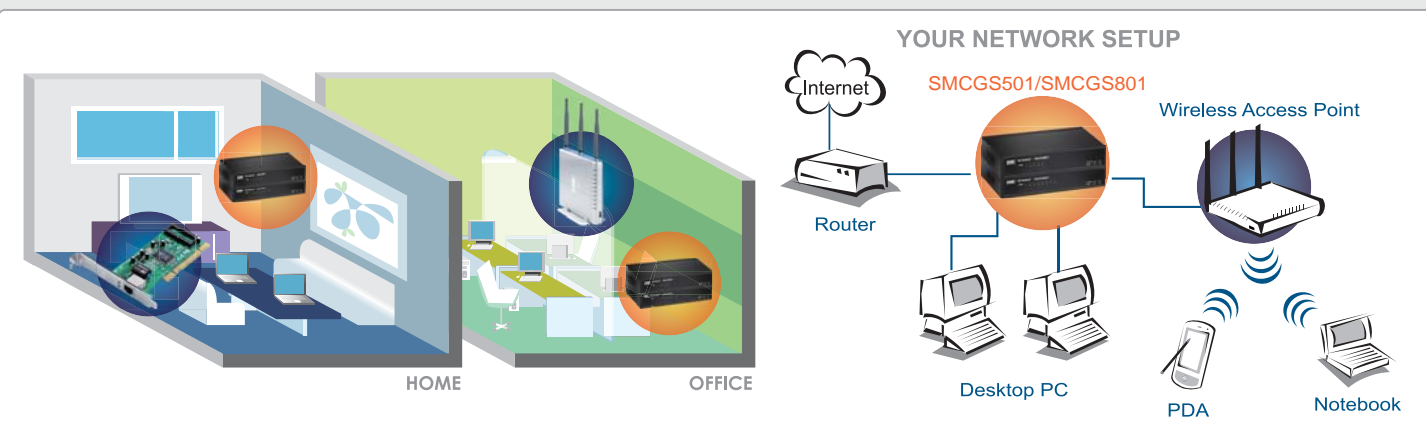
The switches are completely plug and play; no configuration is necessary. These plug-and-play switches are an ideal choice for integrating Gigabit Ethernet and boosting LAN bandwidth for small to medium-sized workgroups.

#### 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 10/100/1000BASE-T
- DC power socket

SMCGS801:

- 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

- SMCGS501: 2K MAC address entries
- SMCGS801: 8K MAC address entries

### Memory Buffer

- 2K Bits per device

### Throughput

- SMCGS501: 7.4 Mpps
- SMCGS801: 11.9 Mpps

### LED

- System: Power
- Port: Link/Activity

### Power Supply

- External power adapter 5V/1A

### Mechanical

- Dimensions (W x D x H): 144 x 77 x 27 mm (5.66 x 3.03 x 1.06 in)

### Weight

- SMCGS501: 244 g (0.54 lb)
- SMCGS801: 263 g (0.58lb)

\*According to an IEEE 802.3az Energy Efficient Ethernet measurement test conducted by an independent testing company, the SMCGS501 saves 75.4% and the SMCGS801 saves 78% when each is compared to a non-Green Ethernet switch.

### Electromagnetic Compatibility

- CE
- FCC Class B
- BSMI

### Environmental Specification

- Temperature: 0°C to 40°C (32°F~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 B, EN55022/EN61000-3-2/3

### Warranty

Please check [www.smc.com](http://www.smc.com) for the warranty terms in your country.

## Contact



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