SMCGS501/SMCGS801
EZ Switch™ 5- and 8-Port Gigabit Ethernet Switches

Product Overview
The SMC EZ Switch™ 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 (0.58 lb)

Electromagnetic Compatibility
- CE
- FCC Class B
- BSMI

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 B, EN55022/EN61000-3-2/3

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

*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.

Contact

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