The SMC family of EZ Switch 10/100/1000 Gigabit Ethernet Switches are the perfect solution for bottlenecks on your home or SOHO network. Bottlenecks are the inevitable result of data-intensive applications like home movies or digital images and more computers being connected. SMC’s EZ Switches provide a seamless migration to higher-speed networking while solving bandwidth issues. They are designed to allow simultaneous transmission of multiple packets via high-speed data channels.

FEATURES
- Auto MDI/MDI-X on each port to simplify integration into a network
- Support to handle Jumbo Packets up to 9K bytes packet
- Features Store-and-Forward mode with wire-speed filtering and forwarding rates
- EEE802.3x compliant full-duplex flow control, HOL blocking prevention
- Broadcast storm control and CRC Filtering
- LED indicators for simple troubleshooting

BENEFITS
- Provides high speed and legacy connections to all nodes on the network, thereby ensuring a migration path for network installations
- No crossover cables required, pure plug and play
- Ideal of desktop installation due to the switch not requiring fans
- Chassis ideal for SOHO networks
- Investment protection and quality assurance

OVERVIEW
These unmanaged, gigabit switches are designed for Plug-and-Play installation, with auto-MDIX on every port. This means that no more crossover cables are required, every port can either be connected to a PC or another switch for network expansion. Meeting today’s diverse networking needs at an attractive price per port, SMC’s EZ Switch 10/100/1000 Switches are ideal for bringing speed and bandwidth to the desktop at home or in the office.
**TECHNICAL SPECIFICATIONS**

**SMCGS5 / SMCGS8**

### PORTS
- **SMCGS5**
  - 5 x 10/100/1000 BASE-T
  - DC power socket
- **SMCGS8**
  - 8 x 10/100/1000 BASE-T
  - DC power socket

### NETWORK INTERFACE
- 10Base-T, UTP/STP category 3 or 5 cable
- 100Base-TX UTP/STP category 3 or 5 cable
- 1000Base-T, UTP/STP category 5 cable, 4 pairs

### SWITCH FABRIC
- **SMCGS5**
  - 10Gbits
  - 7.4Mpps
- **SMCGS8**
  - 16Gbits
  - 11.9Mpps

### BUFFER ARCHITECTURE
- **SMCGS5**
  - 112Kbits
- **SMCGS8**
  - 144Kbits

### SWITCHING DATABASE
- 8K MAC address entries

### LED
- System: Power
- Port: Link/activity, 1000M

### WEIGHT
- **SMCGS5**
  - 165g
  - 0.33lbs
- **SMCGS8**
  - 285g
  - 0.58lbs

### DIMENSIONS
- **SMCGS5**
  - 14.7 x 9.0 x 3.2 cm
  - 5.71 x 3.52 x 1.27 in
- **SMCGS8**
  - 18.9 x 9.0 x 3.7 cm
  - 7.4 x 3.5 x 1.47 in

### POWER CONSUMPTION
- All 9 Watts

### TEMPERATURE
- Operating: 0 ~ 40 ºC
  - 32 ~ 98 ºF
- Storage: -40 ~ 70 ºC
  - -40 ~ 158 ºF

### HUMIDITY
- 5% to 95% non-condensing

### EMC/SAFETY COMPLIANCES
- CE Mark

### IMMUNITY
- EN 61000-4-2/3/4/5/6/8/11

### EMISSIONS
- FCC Class B, CISPR Class B, EN 61000-3-2/3

### SAFETY
- CSA/NRTL (CSA60950-1 & UL60950-1)
- TUV/GS (EN60950-1)

### COMPATIBILITY
- IEEE802.3
- IEEE802.3u
- IEEE802.3ab
- IEEE802.3x

### WARRANTY
- Limited lifetime

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