SMC8508T EZ Switch™ 8-Port Gigabit Ethernet Switch

Product Overview
The SMC EZ Switch™ 10/100/1000 SMC8508T is an 8-port unmanaged 10/100/1000 Mbps Gigabit Ethernet switch with a metal-case chassis that brings the speed of copper to the desktop. The switch includes a new Green-Saving 802.3az feature that consumes less power than non-Green Ethernet switches, without reducing network performance. The SMC8508T forwards data at up to 10 times the speed of 100Mbps networks, which reduces transfer times of large data files and boosts bandwidth-intensive applications, thereby significantly enhancing overall network performance. Jumbo frame support enables more efficient data transfers with data packets up to 9 K Bytes in size. The switch is easy to install, either on a desktop or in a rack, and is an ideal solution for network migration with its 10/100/1000 Mbps Auto MDI/MDIX ports.

Key Features and Benefits
IEEE 802.3az Energy-Efficient Ethernet Support
When two 802.3az-compliant switches are connected, up to 59%* 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 switch is completely plug and play; no configuration is necessary. The plug-and-play switch is 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.

Fan-less Design
Powered by an external AC-DC adapter, the switch uses fan-less cooling and is completely quiet in operation.

Connect Your World ...
Switches | Wireless | Broadband | Home Security | Network Adapters

www.smc.com
www.smc-asia.com
### Features

#### Physical Ports
- 8 10/100/1000BASE-T

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

#### Features
- Jumbo Frames 9K
- IEEE 802.3az

#### Switching Database
- 8 K MAC address entries

#### Memory Buffer
- 2 MBits per device

#### Throughput
- 11.9 Mpps

#### LED
- Power
- Link/Activity
- 1000M

#### Power Supply
- External AC-DC power adapter 12 V/1 A

#### Mechanical
- Dimensions (W x D x H): 197 x 116 x 37 mm (7.75 x 4.56 x 1.45 in)

#### Weight
- 581 g (1.28 lb)

#### Electromagnetic Compatibility
- CE
- FCC
- CB
- CUL

---

*According to an IEEE 802.3az Energy Efficient Ethernet measurement test conducted by an independent testing company, the SMC8508T saves 59% when it 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**

15 Enggor Street
#10-04, Realty Centre
Singapore 079716

Tel: 65-63387667 Fax: 65-63387767

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