



OVERVIEW

The SMC family of EZ Switch 10/100/1000 Gigabit Ethernet Switches are the perfect solution for bottlenecks on your 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.

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.

FEATURES	BENEFITS
Auto MDI/MDI-X on each port to simplify integration into a network	Provides high speed and legacy connections to all nodes on the network, thereby ensuring a migration path for network installations
Support to handle Jumbo Packets	No crossover cables required, pure plug and play
Features Store-and-Forward mode with wire-speed filtering and forwarding rates	Ideal of desktop installation due to the switch not requiring fans
IEEE 802.3x compliant full-duplex flow control, HOL blocking prevention	Rackmountable unit ideal for SMB or SOHO installation
Broadcast storm control and CRC Filtering	Investment protection and quality assurance
LED indicators for simple troubleshooting	



TECHNICAL SPECIFICATIONS

SMC8505T / SMC8508T

PORTS

- SMC8505T
 - 5 x 10/100/1000 BASE-T
 - DC power socket
- SMC8508T
 - 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

- SMC8505T
 - 10Gbits
 - 7.4Mpps
- SMC8508T
 - 16Gbits
 - 11.9Mpps

BUFFER ARCHITECTURE

- SMC8505T
 - 128KBytes
- SMC8508T
 - 144Kbits

SWITCHING DATABASE

- 8K MAC address entries

LED

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

WEIGHT

- SMC8505T
 - 0.60Kg
 - 1.323lbs
- SMC8508T
 - 0.65Kg
 - 0.433lbs

DIMENSIONS

- SMC8505T
 - 19.64 x 11.65 x 3.66 cm,
 - 7.76 x 4.6 x 1.44 in
- SMC8508T
 - 18.9 x 9.0 x 3.7 cm
 - 7.4 x 3.5 x 1.47 in

POWER CONSUMPTION

- SMC8505T : 9 Watts
- SMC8508T : 15 Watts

POWER REQUIREMENT

- DC input
 - SMC8505T: 9 V, 1 A
 - SMC8508T: 9/12V,1/1.25A

TEMPERATURE

- Operating: 0 ~ 40 °C
98 ~ 104°F
- Storage: -40 ~ 70 °C
-40 ~ 158 °F

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)
- CB (IEC 60950-1)

COMPATIBILITY

- IEEE802.3
- IEEE802.3u
- IEEE802.3ab
- IEEE802.3x

WARRANTY

- Limited lifetime

Contact

North America

38 Tesla
Irvine, CA 92618
1-800-SMC-4YOU
24/7 Technical Support

Europe/ Africa

Fructuos Gelabert 6-8
08970 Sant Joan Despí
Barcelona, Spain

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