

Switches/Hubs

# EZ Switch™ 10/100/1000

4-port Unmanaged Layer 2 + Gigabit Switch

Model Number: **SMC8504T**

"An Overall Rating of Very Good"



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SMC EZ Switch 10/100/1000  
SMC8504T  
SMC Networks



Network users and applications continue to increase the use of bandwidth intensive software programs, graphically dense materials and desire faster speeds to the desktop. SMC EZ Switch 10/100/1000 meets that demand with its 4 port standards-based gigabit switch. This 1U rack mount or desktop switch seamlessly integrates with the rest of the network through its auto-negotiating, non-blocking design. Featuring advanced technologies such as VLAN, Priority Queuing, Trunking and Failover, the SMC8504T is the most cost effect method for brining speed and service to the desktop.

Network Administrators will find the SMC8504T an easy solution to integrate into a network as technology migrates toward gigabit. Its Store-and-Forward architecture combined with 32k MAC Address Table ensures data integrity as the network is optimized to run at full wire speeds.

Gigabit Ethernet is the perfect solution to bottlenecks at the core of the network that are the inevitable result of data-intensive applications and the proliferation of new users. SMC's EZ Switch 10/100/1000 provides a seamless migration to higher-speed networking while solving bandwidth issues.

## Overview

### Features

- Full and Half duplex on all 10/100 ports with Full-duplex mode for 1000Mbps
- 32k MAC Address Table
- Store-and-Forward mode with wire-speed filtering and forwarding
- Auto MDI/MDIX on 1000BaseT ports
- Store-and-forward switching ensures error-free transmission
- Half- and full-duplex flow control
- Smart function compatible for:
  - Support on console port for switch configuration change
  - Support per port Port-based VLAN and L2 Trunking with link fail-over
  - Support four Priority queues on each port
- Plug and play
- Built-in wiring crossovers on all ports
- "At-a-glance" LEDs for port and system status monitoring
- Desktop and rack mountable

### Benefits

- Store-and-Forward and wire-speed filtering and forwarding rates ensures error free transmission of data packets within the network
- ANSI/ IEEE compliance ensures compatibility with standards-based hubs, switches and cards from any vendor
- Half- and full-duplex flow control prevents packets from being dropped under heavy loading
- Smart function compatible for advanced networking procedures within the network to ensure priority settings can still be maintained
- Plug and play for ease of installation, maintenance and use.
- Built-in wiring crossovers on all ports allow connections to servers and workstations to be made with straight-through cabling
- "At-a-glance" LEDs for port and system status monitoring
- Desktop and rack mountable allowing flexibility within your network design

### Compatible

- IEEE 802.3 Ethernet
- IEEE 802.3u Fast Ethernet
- IEEE 802.3z Gigabit Ethernet
- IEEE 802.3x Flow Control

