



SMC-EZ6516TX
EZ Switch™ 16 -Port 10/100 Mbps Auto-Sensing Switch



OVERVIEW

SMC EZ Switch™ 10/100s are dual-speed desktop network switches that are as easy to install and use as an ordinary hub, with the added dimension of dramatically improving network performance by offering speeds up to 200 Mbps per port. Moreover, every port features auto MDI/MDIX, providing added functionality and ease of use.

Designed for easy integration with any SOHO network, SMC EZ Switches contain added features like Store-and-Forward and Flow Control to ensure data delivery and network integrity. Since full bandwidth capability is achieved on each individual port, the congestion problems of shared hubs are easily avoided through the dedicated bandwidth of these switches. Powerful enough to run your network's backbone, yet so easy they can be used in place of your desktop hubs, the EZ Switch™ brings the power of switching to you.

FEATURES	BENEFITS
Up to 3.2 Gbps of aggregate bandwidth	Plug-and-play - no software or switches to configure
Dual-speed 10/100 Mbps with 16 auto-sensing ports	At-a-glance LEDs for system and network monitoring
Receives and transmits traffic at full wire speed on all ports	Use any port for a cascade connection to a hub, switch or computer
Automatic address learning with a 2K MAC address table	Buffered store-and forward switching between 10 and 100 Mbps segments
	Fully compatible with Ethernet and Fast Ethernet networks



TECHNICAL SPECIFICATIONS

SMC-EZ6516TX

PORTS

- 16 RJ-45 ports

NETWORK INTERFACE

- 10BASE-T - Categories 3, 4, or 5
- 100BASE-TX - Category 5

LEDs

- Power - one
- Speed - one per port
- Link/Activity - one per port
- Full-duplex - one per port

SWITCHING METHOD

- Store-and-Forward

MAC ADDRESS TABLE

- 2K entries

MEMORY BUFFER

- 768 Kbits

FILTERING/FORWARDING/LEARNING RATES

- Full-line rate

TEMPERATURE

- Operating: 32° to 122°F / 0° to 50° C
- Storage: - 40° to 158° F / -40° to 70° C

WARRANTY

- Limited Lifetime

DIMENSIONS

- 10.43 x 3.31 x 1.02 in / 26.5 x 8.4 x 2.6 cm

WEIGHT

- 1.521 lbs / 0.69 kg

HUMIDITY

- 5% to 95% (non-condensing)

POWER REQUIREMENTS

- DC input
- 6V, 1A

POWER CONSUMPTION

- 4.6 Watts

HEAT DISSIPATION

- 15.7 BTU/hr

MAXIMUM CURRENT

- 0.76A @ 6VDC

STANDARDS

- IEEE 802.3
- IEEE 802.3u

CERTIFICATIONS

- CE Mark

EMISSIONS

- FCC Class B
- EN 55022 (CISPR 22) Class B
- C-Tick - AS/NZS 3548 (1995) Class B
- EN 61000-3-2/3

IMMUNITY

- EN6100-4-2/3/4/5/6/8/11

SAFETY

- CSA/NRTL (C22.2.950, UL 1950)
- TUV/GS (EN60950)
- CB (IEC60950)

Contact

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