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.

Described 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.

OVERVIEW

## FEATUERS

- Up to 3.2 Gbps of aggregate bandwidth
- Dual-speed 10/100 Mbps with 16 auto-sensing ports
- Receives and transmits traffic at full wire speed on all ports
- Automatic address learning with a 2K MAC address table

## BENEFITS

- Plug-and-play - no software or switches to configure
- At-a-glance LEDs for system and network monitoring
- Use any port for a cascade connection to a hub, switch or computer
- 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)

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