EZ Switch™ 10/100

5,8,16, and 24-Port 10/100 Mbps Standalone Unmanaged Layer 2 Switches

Model Number:

SMC6405TX
SMC-EZ108DT
SMC-EZ1016DT
SMC-EZ1024DT

This EZ 10/100 series offers 5-, 8-, 16-, and 24-port 10/100 Mbps standalone, unmanaged switches. Designed specifically for home and small office applications, these switches feature auto-negotiation, uplink ports for easy network expansion,and provide full bandwidth capability on each port. With fully auto-negotiating 10/100 ports, the speed and duplex modes of attached devices are instantly detected, allowing the switches to auto-configure for optimal performance.

The SMC6405TX 5-port 10/100 Mbps switch features Auto-MDI-X ports, which instantaneously sense if they are to function as crossover or straight ports. This important feature enables concurrent connection to multiple switches.

The 8 and 16-port models in this series have a selectable uplink port that enables connection to additional switches for easy network expansion.

Overview

Features

- 1.0,1.6,3.2,or 4.8 Gbps aggregate bandwidth;speeds up to 200 Mbps per port
- Filtering & Forwarding at full wire speed on all ports
- Buffered Store-and-Forward transmission method prevents propagation of bad packets
- Back Pressure and Flow Control prevent packet loss under heavy load
- Uplink port for easy connection to additional switches
- Sturdy steel construction; rack-mountable

Benefits

- Plug-and-play – no complicated setup procedures
- Integrates Ethernet and Fast Ethernet networks
- At-a-glance LEDs show port status and monitor network activity
- Auto-negotiation – chooses optimal speed and operating mode for attached devices
- Address Learning probes the network and automatically configures the switch

Compatibility

- IEEE 802.3
- 802.3u
- 802.3x

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Ports
SMC6405TX – 5 RJ-45 ports, auto-sensing
SMC-EZ108DT– 8 RJ-45 ports, auto-sensing (7 fixed crossover and 1 daisy-chain port)
SMC-EZ1016DT– 16 RJ-45 ports, auto-sensing (15 fixed crossover and 1 daisy-chain port)
SMC-EZ1024DT– 24 RJ-45 ports, auto-sensing (23 fixed crossover and 1 daisy-chain port)

Network Interface
10Base-T RJ-45; Category 3,4,5 UTP Cable
100Base-TX RJ-45; Category 5 UTP Cable

MAC Address Table
SMC6405TX – 2k
SMC-EZ108DT – 1k
SMC-EZ1016DT – 2k
SMC-EZ1024DT – 8k

Memory Buffer
SMC6405TX – 240 Kbytes
SMC-EZ108DT – 1 Mbytes
SMC-EZ1016DT– 2 Mbytes
SMC-EZ1024DT– 3 Mbytes

LED
Power – one (green)
Collision 100 – one (yellow)
Collision 10 – one (yellow)
Link (10Mbps – yellow; 100 Mbps – green)
Activity (flashing)

Power Consumption
SMC6405TX – 6.3 Watts
SMC-EZ108DT – 10 Watts
SMC-EZ1016DT – 27 Watts
SMC-EZ1024DT – 27 Watts

Operating Temperature
SMC6405TX
  32° to 122° F
SMC-EZ108DT, SMC-EZ1016DT, SMC-EZ1024DT
  32 to 104°F

Weight
SMC6405TX
  1.76 lbs.
SMC-EZ108DT
  4.63 lbs.
SMC-EZ1016DT
  4.63 lbs.
SMC-EZ1024DT
  4.8 lbs.

Size
SMC6405TX
  5.1 x 3.7 x 1.6 in.
SMC-EZ108DT
  13 x 8 x 1.7 in.
SMC-EZ1016DT
  13 x 8 x 1.7 in.
SMC-EZ1024DT
  17.4 x 6.75 x 1.7 in.

Humidity
SMC6405TX
  10% to 90% (non-condensing)
SMC-EZ108DT, SMC-EZ1016DT, SMC-EZ1024DT
  5% to 95% (non-condensing)

Standards
• IEEE 802.3
• IEEE 802.3u
• IISO/IEC 8802-3

EMI
• FCC Class B
• C-Tick

Warranty
Limited lifetime

Product	Description
SMC6405TX	5-Port 10/100 Mbps Standalone Unmanaged Layer 2 Switch
SMC-EZ108DT	8-Port 10/100 Mbps Standalone Unmanaged Layer 2 Switch
SMC-EZ1016DT	16-Port 10/100 Mbps Standalone Unmanaged Layer 2 Mbps Switch
SMC-EZ1024DT	24-Port 10/100 Mbps Standalone Unmanaged Layer 2 Mbps Switch