EZ Switch™ 10/100

24-Port 10/100 Mbps Standalone Unmanaged
Layer 2 Switch

Model Number: SMC-EZ1026DT

Today's IT managers with high-density and complicated networks require flexibility of options, standards-based compliance pack with industry leading support. SMC's upgraded SMC1026DT is the perfect solution for all these things. Redesigned with the modular port on the front for ease of use, the SMC1026DT features 24 10Base-T/100Base-TX ports and is the ideal choice for boosting LAN bandwidth for mid-sized workgroups. Moreover, with modules that include 8 additional 10/100 ports, Gigabit Copper and fiber and 100 Mbps fiber, the SMC1026DT is THE solution for any network anywhere.

Designed for the SMB space, the EZ1026DT is the most cost effective solution when migrating to higher port density (32-ports with optional 8-port module inserted), fiber connectivity to a backbone with 100 Mbps or 1000 Mbps.

This Fast Ethernet switch is an excellent choice as a departmental collapsed backbone, as it supports Fast Ethernet hubs, servers, power users, in additional to legacy Ethernet LAN segments. Its store-and-forward design prevents bad data packets from propagating throughout the network. Featuring a large 12000k MAC address table, flow control and VLAN capabilities, the SMC1026DT ensures data integrity and delivery even under heavy loading.

Benefits

Features

- 24 RJ-45 ports
- Optional expansion modules
- 8.8 Gbps aggregate bandwidth
- Desktop or rackmountable
- Port based VLANs
- Broadcast storm control
- Half and full duplex flow control

Benefits

- High-port density enables easy network expansion
- Expansion modules offer flexibility in network growth
- Gigabit uplinks can provide 4 Gbps bandwidth for congested network
- 8.8 Gbps available bandwidth for growing workgroups
- Suitable for all networking needs

Compatibility

- IEEE 802.3
- 802.3u
- 802.3z
- IEEE 802.3x full-duplex flow control
- ISO/IEC 8802-3

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SMC-EZ1026DT

Ports
24 RJ-45 ports, fixed crossover
10Base-T1100Base-TX ports

Forwarding Mode
Store-and-forward

MAC Address Table
12,000 MAC address entries
Automatic MAC address learning

Filtering/Forwarding/ Learning Rates
Full line rate

Full Duplex
All ports via Auto-Negotiation

LED Indicators
Power, Link/Activity, Half-/ full-duplex
Power on self diagnostics

Size
(17.3 x 9.5 x 1.69) in

Weight
6.6 lbs

Temperature
Operating:32° - 131˚ F
Storage: -4° - 185˚ F

Humidity
5% - 95% (non-condensing)

Power Supply
100 to 240 VAC (+/- 10%)
50 to 60 Hz (+/- 3 Hz)

Power Consumption
35 Watts (maximum)

Heat Dissipation
119 BTU/hr. maximum @ 100-240VAC

Standards
IEEE802.3,802.3u, 802.3x
ISO/IEC 8802-3

EMC Safety Compliances
CE Mark

Emissions
FCC Class A
EN55024 (CISPR22) Class A
EN5500022 (CISPR 22) Class A
C-Tick – AS/NZS 3548 (1995)
Class A

Immunity
IEC 1000-4-2/3/4/5/6/11

Safety
CSA/NRTL (CSA 22.2 No. 950 & UL 1950)
EN60950 (TUV/GS)

Warranty
Limited lifetime

Optional Modules:

10/100Base-TX Module
Model
SMC-EZ1026T
Access Method
CSMA/CD
Ports
8 10Base-T/100Base-TX,with auto-negotiation
Communication Mode
Full and half duplex with auto-negotiation
Network Interface
RJ-45:100 ohm,UTP cable
10Base-T – Categories 3,4,5
100Base-TX – Category 5
LEDs
LINK/ACT, FDX/COL
Standards
IEEE 802.3
IEEE 802.3u

1000Base-T Module
Model
SMC-EZ1026GT
Access Method
CSMA/CD
Ports
2 10Base-T/100-Base-TX/1000Base-T, with auto-negotiation
Communication Mode
Full and half duplex with auto-negotiation

Network Interface
RJ-45:100 ohm,UTP cable
10Base-T – Categories 3,4,5
100Base-TX – Category 5
1000Base-T – Category 5 or 5e
LEDs
SPD, LINK, ACT, FDX/COL
Standards
IEEE 802.3
IEEE 802.3u
IEEE 802.3ab

100Base-FX Module
Model
SMC-EZ1026FMSC
Access Method
CSMA/CD
Ports
2 100Base-FX/
Communication Mode
Full duplex
Network Interface
SC connector: 50/125 or 62.5/125 micron multimode fiber cable
LEDs
LINK/ACT
Standards
IEEE 802.3u

1000BaseSE-SX Module
Model
SMC-EZ1026GSSC
Access Method
CSMA/CD
Ports
2 1000-BaseSX
Communication Mode
Full duplex
Network Interface
SC connector: 50/125 or 62.5/125 micron multimode fiber cable
LEDs
LINK/ACT
Standards
IEEE 802.3z

Product	Description
SMC-EZ1026DT	Fast Ethernet Switch with 24 10/100 Ports and 2 Gigabit Uplink Slots
SMC1026T	8-Port 10/100 Expansion Module
SMC1026GT	2-Port 10/100/1000 Expansion Module
SMC1026FMSC	2-Port 100Base - FX Expansion Module
SMC1026GSSC	2-Port 1000Base-SX Expansion Module