



Managed 10/100Mbps Switch with Fiber MIL-SM801



VLAN Groups
Trunking up to 4 ports
Full/Half Duplex Flow Control
SNMP and Web-based Management
Packet Statistics

MiLAN's MIL-SM801 Managed Ethernet/Fast Ethernet Switches provide eight 10/100BASE-TX ports and one fixed fiber 100BASE-FX port in a compact desktop design. Features include:

High Performance Switching

Non-blocking 1.8Gbps architecture assures rapid packet delivery; 8K MAC address table provides swift lookup and packet forwarding

Automatic MDI/MDIX

Automatic cable detection adjusts 10/100BASE-TX ports to straight-through or crossover cables during install

Fiber Connectivity

Connector options include SC, ST, MT-RJ and VF-45, with five different options of single-mode and multi-mode

Simple Management

Includes web-based, Telnet, SNMP, Console Port, VLANs, Trunking, Port Disable/Enable, Port speed and Port Diagnostics support

Compact, High Performance

Sturdy metal enclosure with wall mounts, internal power supply, and store-and-forward architecture

Security

Access restricted to Telnet and Web-based management by IP address



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Managed 10/100Mbps Switch with Fiber

MIL-SM801 Series

Features

Auto-Negotiation
Auto MDI/MDIX
Administrative Port Control
Full/Half duplex Flow Control
VLANs: Supports Port-based VLAN groups and overlapping VLAN groups
Port Trunking: Supports up to 4 port trunks
SNMP: MIB II support
Disable/Enable settings for every port
Port settings for duplex and speed

Management

DHCP/BootP Client
Telnet
Web-based management
VT100 emulation through console port
SNMPv1
MIBII support
Password security
Management security with IP access
Packet Statistics

Standards Compliance

IEEE 802.3 10BASE-T
IEEE 802.3u 100BASE-TX
IEEE 802.3x Flow Control
RFC 1213 SNMP MIB
RFC 768 UDP
RFC 783 TFTP
RFC 791 IP
RFC 792 ICMP
RFC 826 ARP
RFC 854 TELNET
RFC 2068 HTTP

Fiber Port Options

SC/ST Connector Multi-mode

Speed: 100BASE-FX
Wavelength: 1300nm
Average Launch Power (dBm): -18
Average Sensitivity (dBm): -30
Average Power Loss Budget (dBm): 12
Max Fiber Distance: 2km
Fiber Size: 62.5/125, 50/125

MT-RJ Connector Multi-mode

Speed: 100BASE-FX
Wavelength: 1300nm
Average Launch Power (dBm): -15.7
Average Sensitivity (dBm): -33.5
Average Power Loss Budget (dBm): 17.8
Max Fiber Distance: 2km
Fiber Size: 62.5/125, 50/125

VF-45 Connector Multi-mode

Speed: 100BASE-FX
Wavelength: 1300nm
Average Launch Power (dBm): -16
Average Sensitivity (dBm): -33
Average Power Loss Budget (dBm): 17
Max Fiber Distance: 2km
Fiber Size: 62.5/125, 50/125

SC Connector Single mode

Speed: 100BASE-FX
Wavelength: 1300nm
Average Launch Power (dBm): -6
Average Sensitivity (dBm): -34
Average Power Loss Budget (dBm): 28
Max Fiber Distance: 60km
Fiber Size: 8/125, 9/125

Ports

8 fixed 10/100BASE-TX ports: RJ-45 connectors
1 fixed 100BASE-FX port (MIL-SM801):
 Optional single-mode or multi-mode
 Optional ST, SC, MT-RJ or VF-45 connector
RS232C serial console with DB-9 connector

System LEDs: Power, Speed, Link, Activity, and Duplex

Architecture: 1.8 Gbps switch fabric

Packet Forwarding: Store-and-Forward

Address Support: 8K MAC entry

Operating Temperature: 0 to 45°C (32°F to 113°F)

Storage Temperature: -25°C to 70°C (-13°F to 158°F)

Operating Humidity: 10% to 90% (non-condensing)

Internal power: Autosensing 100-240VAC Country Specific Power Supply@ 50-60Hz

Power Consumption: 17 Watts maximum

Power Adapters Available: North America, Continental Europe, United Kingdom

Dimensions: 250 mm x 132 mm x 37 mm (9.8" W x 5.2" D x 1.5" H)

Weight: 3.5 lbs. (1080 g)

Chassis: Metal

Mounting: Desktop rubber feet included

Safety: UL 1950,

Emissions: FCC Class A, CSA C22.2, No950 EN60950, CE, EN55022, Class A, EN55024

Ordering Information

MIL-SM801ST: (8)10/100BASE-TX & (1)100BASE-FX ST MMF 2 km
MIL-SM801SC: (8)10/100BASE-TX & (1)100BASE-FX SC MMF 2 km
MIL-SM801MT: (8)10/100BASE-TX & (1)100BASE-FX MTRJ MMF 2 km
MIL-SM801VF: (8)10/100BASE-TX & (1)100BASE-FX VF45 MMF 2 km
MIL-SM801SC-60: (8)10/100BASE-TX & (1)100BASE-FX SC SMF up to 60 km

Warranty

Comprehensive 5 years

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