

MILAN managed switch

MIL-SM8002TG

(7) 10/100/1000BASE-T + (2) SFP/RJ-45 Combo Ports



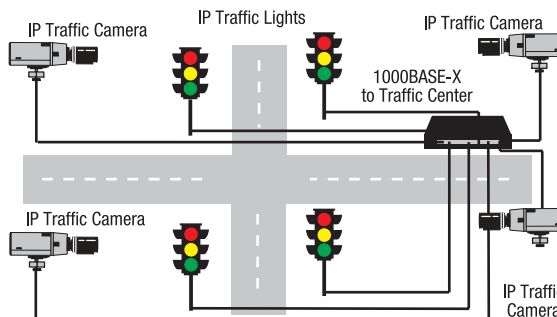
Additional Features

- ▶ IGMP query and snooping
- ▶ 802.1X Authentication
- ▶ RADIUS
- ▶ Port Mirroring
- ▶ 8K MAC Address
- ▶ Telnet/Web-based management
- ▶ TFTP firmware and configuration upgrade
- ▶ Enable/disable ports
- ▶ Auto-Negotiation
- ▶ Forced modes, 10H/10H/100H/100F/1000F
- ▶ Auto-MDIX on all ports
- ▶ 802.3X Flow control and Back-pressure
- ▶ 16 Mb System Memory
- ▶ 8 Mb Flash ROM
- ▶ 1 Mbps Buffer
- ▶ Q-inQ VLAN & COS Support
- ▶ Broadcast storm filter
- ▶ DHCP Client, Relay, Server
- ▶ SNMP and SMTP support
- ▶ MAC Address Security
- ▶ Bandwidth Allocation
- ▶ QoS port-based/Tag based, IPv4, Tos/IPv4, IPv6, DiffServ
- ▶ Ingress & Egress MAC address filter & static source MAC address lock

(7) 10/100/1000 ports + (2) SFP/RJ-45 Combo ports

- ▶ 7-port 10/100/1000BASE-T Ports
- ▶ Auto MDI/MDI-X
- ▶ (2) 1000BASE-X SFP/RJ45 combo ports
- ▶ Indoor/Outdoor installation up to 60°C (140°F)
- ▶ Non-blocking switching architecture
- ▶ IEEE 802.1q VLAN
- ▶ IEEE 802.1p Class of Service 4 priority queues

Connect Indoor or Protected Outdoor Ethernet Devices over High Speed Dual Gigabit Links



Specifications

Standards	IEEE Std. 802.3 10BASE-T; IEEE Std. 802.3u 100BASE-TX; IEEE Std. 802.3z Gigabit fiber; IEEE Std. 802.3ab 1000BASE-T; IEEE Std. 802.3x Flow control and Back-pressure; IEEE Std. 802.3ad Port trunk with LACP; IEEE Std. 802.1d Spanning Tree Protocol; IEEE Std. 802.1w Rapid spanning tree; IEEE Std. 802.1p Class of service IEEE Std. 802.1q VLAN Tagging IEEE Std. 802.1x User Authentication
Protocols	CSMA/CD
Technology	Store and Forward switching architecture
Connectors	10/100/1000 copper: 9x RJ-45 with AutoCross™ (Auto MDI/MDI-X), Two SFP ports
MAC Address	8K MAC address table
Memory Buffer	128 Kbytes
Network Cable	10BASE-T: 2-pair UTP/STP Cat. 3, 4, 5 cable; EIA/TIA- 568 100-ohm (100 m) 100BASE-TX: 2-pair UTP/STP Cat. 5 cable; EIA/TIA- 568 100-ohm (100 m); 1000BASE-T: 4-pair UTP/STP Cat. 5e cable; EIA/TIA- 568 100-ohm (100 m)
Backplane	18 Gbps
LEDs	RJ-45 port: 10/100/1000; Link/Activity; Full duplex/Collision Fiber: Link/Activity Power: On/Off
Power Supply	Internal power: 100 – 240 VAC
Power Consumption	10 Watts max.
Operation Temperature	0° to 60°C (32° to 140°F)
Operation Humidity	10% to 90% (non-condensing)
Dimensions	Width: 8.5" [217 mm] Depth: 5.5" [140 mm] Height: 1.7" [43 mm]
EMI	FCC Class A, CE Mark
Safety Compliance	UL, cUL
Technical Support & Warranty	Free technical support and advanced warranty support for 5 years. Includes free telephone support, 24-hour support via web and FTP.

Ordering Information

MIL-SM8002TG

9-port 10/100/1000 Indoor/Outdoor Remotely Managed switch with (2) SFP combo Gigabit ports (Gigabit SFP ports)

Optional Accessories (sold separately)

SFP Modules

Mounting Bracket

MIL-RMSM8

19" Rack Mount Bracket

MIL-BRSM8

Wall Mount Bracket

Software Features

- ▶ **Management:**
Remote IP-Based Management, Web Management, SNMP v1/2/3, Telnet, Menu based CLI
- ▶ **Firmware update:**
TFTP firmware upgrade and configuration backup
- ▶ **System default:**
Restore function for system default
- ▶ **Port Trunk:**
Supports IEEE 802.3ad port trunk with link aggregation control protocol (LACP). Up to 3 trunk groups and maximum group member up to 8 ports.
- ▶ **VLAN:**
Port Based VLAN; IEEE 802.1Q, 4096 VLAN IDs, 256/2048 static/dynamic VLAN groups, 256 GVRP Groups
- ▶ **Quality of Service:**
Support port based, Tag based and IPv4 ToS, IPv4/IPv6 Diff Serve
- ▶ **Class of Service:**
Per port supports 4 priority queues
- ▶ **Spanning Tree:**
Supports IEEE 802.1w rapid spanning tree and IEEE 802.1d
- ▶ **Port Mirror:**
Supports TX or bi-directional RX packet mirroring
- ▶ **IGMP:**
Supports IGMP V1, V2
- ▶ **Broadcast Storm:**
Enable/Disable, 5%, 10%, 20%, 25%