(8) 100BASE-FX ports + (1) SFP port

▸ High Back-plane Bandwidth 5.6 Gbps

▸ IEEE802.1Q VLAN tagging

▸ IEEE802.1P Class of service

▸ Port, Protocol, Tagged VLANs and GVRP support

▸ Internal Power Supply

▸ IGMP Query and IGMP Snooping

▸ Port Mirroring /Port Security

▸ Web-GUI/ Console/Telnet/SNMP Management

▸ TFTP Firmware Upgrade

▸ SFP Port

MIL-SM808GP(xx)

NEW

Features

▸ Non-blocking full wire speed performance

▸ Store-and-forward, shared memory architecture

▸ Designed for desktop or rackmount

▸ Static MAC addresses and MAC filtering for secure networks

▸ Backpressure and flow control

▸ Serial console port for out of band management

▸ Conforms to IEEE 802.1D, 802.3u/z/ab Ethernet Standards

▸ LED indicators for Power, 100M, LK/ACT, FD/COL

▸ **Management interface:** Console port, Web-based GUI, Telnet and SNMP

▸ **VLANs:** Supports port based or protocol based VLANs, up to 256 Groups, and IEEE 802.1Q VLAN Tagging, VLAN Tagging ID up to 4094

▸ **Port Mirroring:** Supports source-port-based, destination-port-based and source-destination-port mirroring of transmit, receive or bi-directional data.

▸ **Spanning Tree:** Insures only one path between any two nodes on network

▸ **Broadcast Storm Filtering:** Only allows a percentage of port's total bandwidth before broadcast traffic is dropped

▸ **Scheduling schemes:** Packets can be transmitted by different priority schemes; FIFO, WRR with Enable Delay Bound, All High before Low

▸ **Trunking:** Supports 802.3ad port trunking with flexible load distribution with 800Mbps aggregate bandwidth per trunk group

▸ **VLAN Options:** Supports VLAN tagging, 802.1Q, port based VLANs, overlapping VLANs

▸ **Class of Service:** Supports 802.1p Class of service with 2-level priority queuing

▸ **IGMP:** Query modes for flat Layer 2 environments needing multicast traffic limiting and IGMP snooping mode to limit traffic to specific ports within VLANs.

▸ **GVRP:** Support for Group VLAN Resolution Protocol dynamic join and leave of IEEE 802.1Q VLAN types.

The MIL-SM808G series of layer 2 managed switches provides high performance non-blocking switching. The switch has (8) 100BASE-FX ports and one fixed SFP port. This is the ideal switch for aggregating remote classroom or workgroup switches.

Management features include port based, dynamic and static VLANs, GVRP, VLAN tagging, IGMP Snooping, port mirroring, and port security. Security includes static addressing, filtering and blocking of packets to identified MAC addresses. Two priority queues with selection of queue management, insure minimum delay for voice over IP or multimedia network data. Console port provides local management while Telnet and Web-based management is provided via any network device.

Non-blocking 5.6Gbps, store and forward, shared memory architecture assures rapid packet delivery while 8,000 MAC address table provides swift lookup and packet forwarding.

Other ASIC features that enhance performance are included such as 802.1d spanning tree, 802.3x flow control, 802.3ad link aggregation and broadcast storm control.

Ordering Info

Optional Accessories

(sold separately)

Specifications

Standards
- IEEE802.3u 100BASE-FX
- IEEE802.3z Gigabit SX/LX 1000Mbps
- IEEE802.3ab Gigabit 1000T 10/100/1000Mbps
- IEEE802.3x Flow control and Back-pressure
- IEEE802.3ad Link Aggregation
- IEEE802.1Q VLAN Tagging
- IEEE802.1p Class of service
- IEEE802.1d Spanning Tree Protocol

MAC Address Table	8K with Auto-learning function
Packet Buffer	2MBits
Back-plane bandwidth	5.6 Gbps
System throughput	148,800 pps for 100Mbps 1,488,000pps for Gigabit
Voltage	100~240VAC
Frequency	50/60HZ
Power Consumption	17W Maximum
Operation Temperature	0° to 45°C (32° to 113°F)
Operation Humidity	10% to 90% (non-condensing)
Dimensions	**Width:** 17.6" [250 mm] **Depth:** 6.4" [160 mm] **Height:** 1.75" [44 mm]
Weight	2.0 lbs. 6 oz.
Emissions & Safety	FCC Class A, CE Mark, UL listed

Technical Support & Warranty
Free technical support and advanced warranty support for 5 years. Includes free telephone support, 24-hour support via web and ftp.

MILAN BY TRANSITION NETWORKS®