

# MIL-SM8TXAF2GPA

## Managed Fast Ethernet PoE Switch

### 8-port 10/100BASE-TX + (2)SFP Combo Ports



#### Features

- IGMP v1 & v2
- 8-port 10/100 Base-TX plus 100Base-FX/1000 Base-X SFP or 10/100/1000 copper combo
- 8 ports with integrated PoE injectors
- X-Ring Technology
- IEEE Std. 802.3af Compliance
- Full 15.4 Watts per port
- PoE Legacy and Reverse Polarity Support
- Non-blocking switching architecture
- IEEE 802.1p Class of service
- IPv4 IP TOS and DiffServ QoS classification, IPv6 Traffic class with 4 queues per port
- IEEE 802.1q VLAN, up to 256 groups, VLAN tagging ID up to 4096.
- Static MAC, 100 entries
- IEEE 802.1x
- RADIUS client
- DHCP Client and Server, SNMP
- Auto MDI-MDIX
- IGMP/GVR
- Port Mirroring
- 8K MAC Address
- Telnet/Web-Based management
- TFTP Firmware Upgrade and configuration backup

#### Specifications

Standards	IEEE Std. 802.3 10BASE-T 10 Mbps, Half/Full Duplex; IEEE Std. 802.3u 100BASE-TX, 10/100 Mbps, Half/Full Duplex; IEEE Std. 802.3x Flow control and Back-pressure; IEEE Std. 802.3ad Link Aggregation; IEEE Std. 802.1Q VLAN Tagging; IEEE Std. 802.3ab 1000BASE-T IEEE 802.3z Gigabit Fiber IEEE 802.3af Power-over-Ethernet IEEE Std. 802.1p Class of service; IEEE Std. 802.1d Spanning Tree Protocol; IEEE Std. 802.1w Rapid Spanning Tree Protocol; IEEE Std. 802.1X Authentication Protocol
Protocols	CSMA/CD
Technology	Store and Forward switching architecture
Transfer Rate	14,880 pps for 10 Mbps 148,800 pps for 100 Mbps 1,488,000 pps for Gigabit Fiber Ethernet Port
Connectors	<b>10/100 copper:</b> 8x RJ-45 with Auto-MDIX <b>Fiber:</b> Two dual speed SFP ports 100BASE-FX/1000 BASE-X
MAC Address	8K MAC address table
Network Cable	<b>10BASE-T:</b> 2-pair UTP/STP Cat. 3, 4, 5 cable; EIA/TIA-568 100-ohm (100 m) <b>100BASE-TX:</b> 2-pair UTP/STP Cat. 5 cable; EIA/TIA-568 100-ohm (100 m)
Backplane	5.6 Gbps
LEDs	<b>RJ-45 port:</b> 10/100; Link/Activity; Full duplex/ Collision <b>Fiber:</b> Link/Activity <b>Power:</b> On/Off <b>POE:</b> PWR FWD
Power Supply	Built-in AC power supply: AC 100~240V, 50/60 Hz, 200 Watts; Optional External AC/DC Power Supply 48 VDC Input
Power Consumption	(DC) 20 Watts (Non-POE functions)
Operating Temperature	0° to 45°C (32° to 113°)
Operating Humidity	10% to 90% (non-condensing)
Dimensions	<b>Width:</b> 11" [280 mm] <b>Depth:</b> 8.3" [211 mm] <b>Height:</b> 1.7" [44 mm]
EMI	FCC Class A, CE Mark
Safety Compliance	UL, cUL
Technical Support	Free technical support and advanced warranty support & Warranty for 5 years. Includes free telephone support, 24-hour support via web and FTP.



#### Ordering Information

##### MIL-SM8TXAF2GPA

8-port 10/100 PoE Remotely Managed switch with  
(2) SFP Combo ports  
Dual speed SFP ports (100/1000)

##### Optional Accessories (sold separately)

###### SFP Modules

###### Mounting Brackets

##### MIL-RMSM8TX

19" Rack Mount Bracket

##### MIL-BRSM8TX

Wall Mount Bracket

Management features include port based, dynamic and static VLANs, GVRP, VLAN tagging, IGMP Snooping or querying, port mirroring, port security. Security includes static addressing, filtering and blocking of packets to identified MAC addresses. Four priority queues insure minimum delay for voice over IP or multimedia network data.

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