

(8) 10/100 ports + (2) SFP/RJ-45 Combo ports

AUTO
NEG

- ▶ Managed Switch
- ▶ 8 ports with full POE functionality; power limit per classification
- ▶ Dual Speed 100/1000 SFP slot
- ▶ Legacy power signature detection
- ▶ Supports SNMP v1, v2c and v3
- ▶ Power over unused pins for legacy support
- ▶ Optional Reverse Polarity Cable

MIL-SM8TXAF2GPA

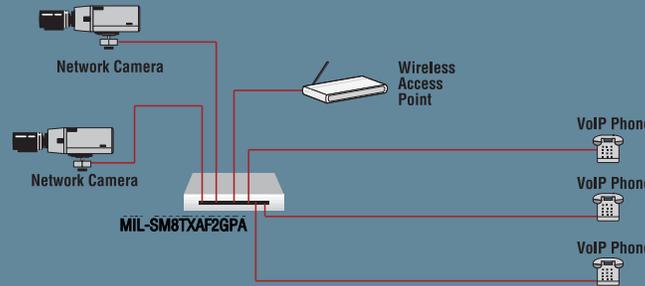
NEW



Features

- ▶ IGMP v1 & v2
- ▶ 8-port 10/100 Base-TX plus 100Base-FX/1000 Base-X SFP
- ▶ 8 ports with integrated POE injectors
- ▶ Never Down Ring Technology
- ▶ IEEE Std. 802.3af Compliance
- ▶ Full 15.4 Watts per port
- ▶ POE Legacy and Reverse Polarity Support
- ▶ Non-blocking switching architecture
- ▶ IEEE802.1p 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, SNTP
- ▶ Auto MDI-MDIX
- ▶ IGMP/GVRP
- ▶ Port Mirroring
- ▶ 8K Mac Address
- ▶ Telnet/ Web-Based management
- ▶ TFTP Firmware Upgrade and configuration backup

Connect and power Wireless Access Points, Network Cameras and VOIP



Ordering Info

MIL-SM8TXAF2GPA

8-port 10/100 POE Remotely Managed switch with (2) SFP Combo Gigabit ports

MIL-LRPC

POE Reverse Polarity Cable

For larger port-count POE applications, please refer to our 24-port remotely-managed POE switch:
MIL-SM2401MAF

For smaller port-count POE applications, please refer to our POE media conversion products:
SPOEB10xx-100
J/POE-CF-01(xx)

Specifications

Standards	IEEE Std. 802.3 10BASE-T 10Mbps, Half/Full Duplex; IEEE Std. 802.3u 100BASE-TX, 10/100Mbps, 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 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 10Mbps 148,800 pps for 100Mbps 1,488,000 pps for Gigabit Fiber Ethernet Port
Connectors	10/100 copper: 8x RJ-45 with Auto-MDIX Fiber: Two dual speed SFP ports 100BASE-FX/1000 BASE-X
MAC Address	8K MAC address table
Jumbo packet support	Max 9Kbytes jumbo packet size
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)
Backplane	5.6Gbps
LEDs	RJ-45 port: 10/100; Link/Activity; Full duplex/Collision Fiber: Link/Activity Power: On/Off POE: PWR FWD
Power Supply	Built-in AC power supply: AC 100-240V, 50/60Hz, 200W; Optional External AC/DC Power Supply 48VDC 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	Width: 11" [280 mm] Depth: 8.3" [211 mm] Height: 1.7" [44 mm]
EMI	FCC Class A, CE Mark
Safety Compliance	UL, cUL

The **MIL-SM8TXAF2GPA** connects remote POE segment to the network over fiber. The switch delivers a full 15.4Watts of DC power on each of eight POE switch ports. POE ports provide data connection and the power source (PSE) for such POE PD devices as Wireless Access Points, VoIP phones and Network Cameras. The series includes a PD signature sensing and power monitoring features per the IEEE 802.3af standard. Other POE features include Over-Current Protection and Under-Current Detection. The series is fully compatible with devices that comply with the IEEE802.3af standard and it is capable of inserting power on the unused pairs of the MDI.

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

MILAN BY
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