

## (7) 10/100/1000 ports + (1) SFP/RJ-45 Combo port



- ▶ Managed Switch
- ▶ Supports SNMP v1 & v2c
- ▶ Supports 7.5W/8-ports or 15.4W/4-ports
- ▶ Port 1 can provide up to 25W POE power when in High Mode
- ▶ Advanced Quality of Service (QoS)
- ▶ Enhanced Security Features
- ▶ Gigabit SFP slot
- ▶ Fanless design for quiet operation

## MIL-SM8TAF1GPA

NEW



### Features

- ▶ IEEE 802.3af compliance
- ▶ Authentication – RADIUS, 802.1X
- ▶ DHCP Client
- ▶ Broadcast Storm Control
- ▶ Port Mirroring  
One source port, one destination port
- ▶ Link Layer Discovery Protocol (LLDP)
- ▶ Port Trunking – Supports IEEE 802.3ad (LACP) with up to 4 port trunks.

- ▶ VLAN Support  
Up to 64 VLANs, port-based or tagged (802.1Q)
- ▶ Management via web-based interface or SNMP
- ▶ Firmware and Configuration upgrade via HTTP
- ▶ Cable Diagnostics
- ▶ 8K MAC Address

The **MIL-SM8TAF1GPA** is an intelligent Layer 2 switch with eight 10/100/1000BASE-T ports, one of which is a Gigabit combination port that is shared with a Gigabit SFP slot.

The switch employs a wire-speed, non-blocking switching fabric which permits simultaneous wire-speed transport of multiple packets at low latency on all ports. The switch also features full-duplex capability on all ports that effectively doubles the bandwidth of each connection.

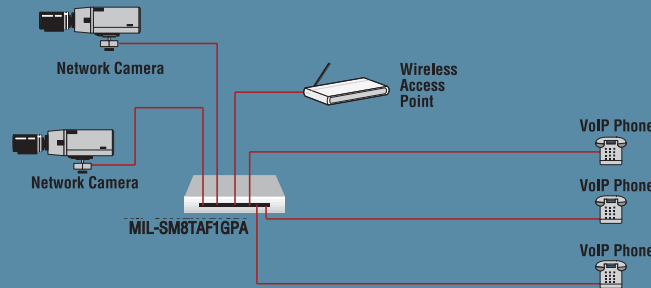
The switch uses store-and-forward switching to ensure maximum data integrity.

The switch's eight 10/100/1000 Mbps ports support the IEEE 802.3af Power-over-Ethernet (PoE) standard that enables DC power to be supplied to attached devices using the Ethernet cable. For each attached 802.3af-compliant device, the switch automatically senses the load and dynamically supplies the required power. Independent overload and short-circuit protection for each port allows the switch to automatically shut down a port's power when limits are exceeded.

Port 1 on the switch can provide up to 25 W of power to an attached device at the standard 48 DC voltage. Ports 2-8 can provide up to 15.4 W of power.

The switch contains a comprehensive array of LEDs for "at-a-glance" monitoring of network and port status. It also includes a management agent that allows you to configure or monitor the switch using its embedded management software.

Connect and power Wireless Access Points, Network Cameras and VoIP Phones



### Ordering Info

#### MIL-SM8TAF1GPA

8-port 10/100/1000 POE Layer 2 Remotely Managed switch with (1) Gigabit SFP Combo port Includes 19" rackmount ears (Gigabit SFP port)

#### Optional Accessories

(sold separately)

#### SFP Modules

### 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. 802.1ad Link Aggregation; IEEE Std. 802.1Q VLAN Tagging; IEEE Std. 802.1D Bridge, Spanning Tree IEEE Std. 802.1X Authentication Protocol DHCP Client (RFC 1541) IGMP (RFC1112) SNMPv2 (RFC 2571)
Protocols	CSMA/CD
Technology	Store and Forward switching architecture
Connectors	8 10/100/1000BASE-T, with auto-negotiation 1 Gigabit SFP slot
MAC Address	8K MAC address table
Network Cable	<b>Ports 1-8:</b> RJ-45 connector, auto MDI/X <b>10BASE-T:</b> RJ-45 (100-ohm, UTP cable; Category 3 or better) <b>100BASE-TX:</b> RJ-45 (100-ohm, UTP cable; Category 5 or better) <b>1000BASE-T:</b> RJ-45 (100-ohm, UTP or STP cable; Category 5, 5e, or 6)  *Max Cable Length - 100 m (328 ft)
Buffer Architecture	144Kbytes
Backplane	16 Gbps

LEDs	<b>System:</b> Power Port: Link/Act; Status for SFP ports; PoE
Power Supply	Internal, auto-ranging transformer: 100 to 240 VAC, 50 to 60 Hz
Power Consumption	165 W maximum (full PoE load)
AC Input	100 to 240 V, 50-60 Hz, 1.5 A
Maximum Current	1.5 A @ 110 VAC 0.75 A @ 220 VAC
Power-over-Ethernet	<b>Input voltage:</b> 48 V DC <b>Maximum output power 70 W:</b> 15.4 W for any four ports simultaneously 7.5 W for all eight ports simultaneously Port 1 can provide up to 25 W <b>Maximum output current per port:</b> 350 mA DC <b>Output Voltage:</b> 44 - 57 V DC <b>Maximum output current per port:</b> 350 mA DC
Temperature	Operating: 0° to 45°C (32° to 114° F) Storage: -40° to 70°C (-40° to 158° F)
Operating Humidity	10% to 90% (non-condensing)
Dimensions	33.0 x 20.3 x 4.4 cm (12.99 x 7.99 x 1.73 in.)
Weight	2.06 kg (4.54 lbs)
Certifications	FCC Class A, CE Mark, 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.