

MILAN managed switch

MIL-SM24TAF4GPA

(20) 10/100/1000Base-T ports + (4) 100/1000 SFP/RJ-45 Combo Ports

The MIL-SM24TAF4GPA is a high performance Remotely managed PoE switch with 24 autosensing 10/100/1000BASE-T RJ-45 ports, 4 of which are 100/1000 dual speed SFP/RJ-45 combo ports. It supports IEEE802.3af PoE on all 10/100/1000 copper ports to enable the easy installation of PoE devices such as IP Phones and IP Cameras.

Features

- ▶ Authentication – 802.1x
- ▶ Support port based and tagged (802.1Q) VLAN
- ▶ Bandwidth Allocation
- ▶ Supports both Ingress and Egress limiting per port, with minimum 1Mbps increment
- ▶ 48Gbps Switching Fabric
- ▶ Support Jumbo Frame up to 9.6KB

Power-over-Ethernet

- ▶ Maximum output power per port : 15.4 W
- ▶ Output Voltage : 44 – 57 VDC
- ▶ 15.4W PoE per port available to 12 ports
- ▶ 7.7W PoE per port available to 24 ports
- ▶ Support per port power priority setting
- ▶ Smart feature for PD on/off, PD detection, power level, PD status and power feeding priority

Software Features

Management

- ▶ Web Management
- ▶ SNMP v1, V2c

Port Trunk

- ▶ Supports IEEE 802.3ad port trunk with link aggregation control protocol (LACP).
- ▶ The trunk group up to 12 and maximum trunk port member up to 12 ports.

IGMP

- ▶ Support IGMP Snooping V1/V2

Quality of Service

- ▶ Supports 4 levels of priority with flexible classification and prioritization.
- ▶ Per port bandwidth management
- ▶ Support WRR and Strict Scheduling

Spanning Tree

- ▶ Support IEEE802.1w RSTP
- ▶ Support IEEE802.1d STP



Specifications

Standards	IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX; IEEE 802.3ab Gigabit Ethernet; IEEE 802.3z Gigabit Fiber; IEEE 802.3x Flow Control and Back pressure; IEEE 802.1w Rapid Spanning Tree; IEEE 802.3ad Port trunk with LACP; IEEE 802.1p Class of Service; IEEE 802.1x User Authentication; IEEE 802.1Q VLAN Tagging; IEEE 802.3af PoE
Protocols	CSMA/CD
Technology	Store and Forward switching architecture
Connectors	4 100/1000 SFP ports/RJ-45 10/100/1000BASE-T
MAC Address	8K MAC address table
Backplane	48Gbps
Packet	500Kbytes
Dimensions	Width: 17.4" [442 mm] Depth: 9.69" [246 mm] Height: 1.7" [44 mm]
Input Power	Internal Power: 100-240VAC
Power Consumption	25 Watts (Switch) 185W (Power-over-Ethernet)
Environment	0° to +45°C operating temp
Operation Humidity	10% to 90% (non-condensing)
Shipping Weight	10.14 lbs. [4.6 kg]
Safety	UL listed
EMI	FCC Class A, CE Mark
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-SM24TAF4GPA

(20) 10/100/1000BASE-T (RJ-45)
+ (4) 100/1000 SFP/RJ-45 ports
includes 19" Rack Mount ears

Optional Accessories (sold separately)

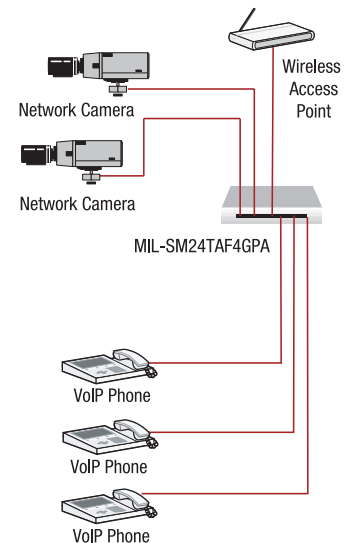
SFP Modules

For smaller port-count PoE applications, please refer to our PoE media conversion and switching products:

SPOEB10xx-100
SGPOE10xx-1x0
MIL-SM8TAF1GPB
MIL-SM8TXAF2GPA

Connect and power

- Wireless Access Points,
- Network Cameras and
- VoIP Phones



- ▶ 4 100/1000 Dual Speed SFP slot for Flexible fiber connection
- ▶ Port Mirroring
- ▶ Firmware update and Configure backup/restore via Web GUI
- ▶ Multicast/Broadcast/Unknown-Unicast Storm control