

(24) 10/100 ports + (2) SFP/RJ-45 Combo ports



- ▶ Managed POE Switch
- ▶ 24 ports with full POE functionality; power limit per classification
- ▶ High Back-plane bandwidth 8.8Gbps
- ▶ Legacy power signature detection
- ▶ IGMP v1, v2
- ▶ Auto-MDIX on all ports

Features

- ▶ 15.4 Watts of DC power per port
- ▶ 24 ports with full PoE functionality
- ▶ Enable/Disable POE function
- ▶ Power limit by classification
- ▶ Power limit by management power feeding priority
- ▶ Legacy Power Signature Detection for unique electrical signatures
- ▶ Auto-Negotiation
- ▶ Auto-MDIX on all ports
- ▶ 12K Jumbo Frame support
- ▶ True non-blocking switching
- ▶ 8K MAC address table
- ▶ Back pressure half-duplex
- ▶ Flow control full-duplex
- ▶ Store and forward switching architecture
- ▶ 8.8 Gbps backplane
- ▶ 384Kbytes memory buffer

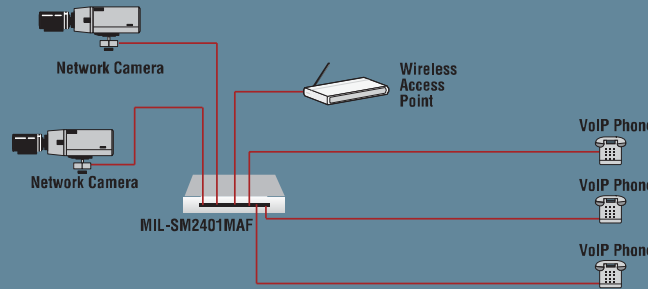
Reporting Features

- ▶ **Management:** Web Management, Remote Management
- ▶ **Firmware update:** TFTP firmware upgrade
- ▶ **System default:** Restore function for system default
- ▶ **Port Trunk:** Supports IEEE802.3ad port trunk with link aggregation control protocol (LACP). The trunk group up to 2 and maximum trunk port member up to 2 ports.
- ▶ **VLAN:** Port Based VLAN; IEEE802.1Q Tag VLAN, VLAN ID up to 4094; VLAN group up to 5
- ▶ **Quality of Service:** Support port based, Tag based and IPv4 ToS
- ▶ **Class of Service:** Per port supports 2 priority queues
- ▶ **Spanning Tree:** Supports IEEE802.1w rapid spanning tree and compatible with IEEE 802.1d
- ▶ **Port Mirror:** Supports RX, TX and Both packet mirror
- ▶ **IGMP:** Supports IGMP V1, V2
- ▶ **Broadcast Storm:** Enable/Disable, 5%, 10%, 20%, 25%

MIL-SM2401MAF



Connect and power Wireless Access Points, Network Cameras and VOIP



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. 802.1ad Link Aggregation; IEEE Std. 802.1Q VLAN Tagging; IEEE Std. 802.1p Class of service; IEEE Std. 802.1d 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
Connectors	10/100 copper: 24x RJ-45 with Auto-MDIX, Two SFP ports. Fast Ethernet Fiber: Multimode or Single Mode
MAC Address	8K MAC address table
Memory Buffer	384Kbytes (3Mbits)
Jumbo packet support	Max 12Kbytes 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	8.8Gbps
LEDs	RJ-45 port: 10/100; Link/Activity; Full duplex/Collision Fiber: Link/Activity Power: On/Off
Power Supply	Built-in AC power supply: AC 90~240V, 50/60Hz, 200W; Optional External AC/DC Power Supply with Integrated UPS 400W
Power Consumption	(DC) 20 watts (Non-POE functions)
Operation Temperature	0° to 40°C (32° to 96°)
Operation Humidity	10% to 90% (non-condensing)
Dimensions	Width: 17.0" [440 mm] Depth: 11.0" [280 mm] Height: 1.7" [44 mm]
EMI	FCC Class A, CE Mark
Safety Compliance	UL, cUL

Ordering Info

MIL-SM2401MAF

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



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