

MILAN unmanaged switch

MIL-S4800

(48) 10/100BASE-TX Switch Plus (1) 10/100/1000 RJ-45 and (1) Gigabit SFP Port



The MIL-S4800 Ethernet Switch has forty-eight 10/100 BASE-TX ports; (1) 10/100/1000 RJ-45 port and (1) Gigabit SFP port with low latency and error-free performance provided via an advanced store-and-forward architecture. Other features include:

Automatic MDI/MDIX

Cable detection and correction is automatic as the switch adjusts for straight-through or crossover cables during installation—no uplink port necessary.

High-performance Switching

Non-blocking architecture assures rapid packet delivery and the extensive 8,000 MAC address table and memory buffering provide swift lookup and packet forwarding.

Full Duplex Operation

Bandwidth for each port is effectively doubled, increasing the speed of a 100 Mbps port to 200 Mbps.

Flow Control

Enhances packet transmission by full-duplex flow control and half-duplex back pressure, providing congestion control on busy ports.

Rugged Chassis

Sturdy metal enclosure with internal power supply.

Straight Forward Diagnostics

Perpetual port status provided via LEDs to simplify troubleshooting.

Standards

Conforms to IEEE 802.3, 802.3u, 802.3ab, 802.3z and 802.3x standards.

- ▶ Automatic MDI/MDIX
- ▶ Wire Speed Performance
- ▶ Auto-Negotiation for Speed and Duplex
- ▶ Store and Forward Architecture
- ▶ Ruggedized metal chassis with internal power supply
- ▶ Front panel LED status indicators
- ▶ 19" Rack Mount Design

Specifications

Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3z Gigabit Fiber IEEE 802.3x Flow control and Back Pressure
Connector	10/100BASE-T: 48 x RJ-45 10/100/1000BASE-T: 1 x RJ-45 SFP: 1 x SFP socket
Switch Architecture	Store and forward switch architecture. Back-plane up to 20Gbps
Address Support	8K MAC address table with auto learning function
Packet Buffer	6 Mbits
System LEDs	System power (Green) 10/100TX port: Link/Activity (Green) Gigabit copper port: Link/Activity (Green), Speed (Yellow) SFP: Link/Activity (Green)
Power	AC 100~240V, 50/60 Hz, 0.26A
Power Consumption	22 Watts (Maximum)
Ventilation	1 Fan
Operating Temperature	0 to 45°C (32°F to 113°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Operating Humidity	5% to 95% (non-condensing)
Storage Humidity	95%
Dimensions	Width: 17.32" [440 mm] Depth: 8.86" [225 mm] Height: 1.75" [44 mm]
Chassis	Metal
EMI	FCC Class A, CE
Safety	UL, cUL, CE/EN60950
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-S4800

48-port 10/100BASE-TX switch
Plus (2) Gigabit ports
(1) 10/100/1000 RJ-45 and (1) SFP port
Includes 19" Rack Mount ears

Optional Accessories (sold separately)

SFP Modules