

16 or 24-port 10/100BASE-TX Compact Switches

(16) or (24) 10/100BASE-TX ports

- ▶ 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

MIL-S1600S & MIL-S2400S



The MIL-S1600S and MIL-S2400S compact Fast Ethernet Switches have sixteen or twenty-four 10/100 Base-TX ports 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 100Mbps port to 200Mbps.

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 enclosures for added durability.

Straight Forward Diagnostics

Perpetual port status provided via LEDs to simplify troubleshooting.

Standards

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

Ordering Info

MIL-S1600S

16-port 10/100BASE-TX switch
"small form factor"

MIL-S2400S

24-port 10/100BASE-TX switch
"small form factor"

Optional Accessories (sold separately)

Mounting Brackets:

MIL-RMS801

19" rack mount bracket for MIL-S2400S
& MIL-S1600S

Specifications

Ports	MIL-S1600S: 16 fixed 10/100BASE-TX ports: RJ-45 connectors MIL-S2400S: 24 fixed 10/100BASE-TX ports: RJ-45 connectors
Standards	IEEE 802.3 10BASE-T; IEEE 802.3u 100BASE-TX/FX; IEEE 802.3x
Packet Forwarding	Store-and-Forward
Address Support	8K MAC entry
System LEDs	Power, Link/Activity
Switch Fabric	3.2Gbps for MIL-S1600S 4.8Gbps for MIL-S2400S
Latency	5 ms
Buffer Memory	512kb
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	10% to 90% (non-condensing)
Relative Humidity	10% to 90%

Dimensions	Width: 9.8" [250 mm] Depth: 5.2" [132 mm] Height: 1.5" [37 mm]
Weight	3 lbs. [1.35 kg]
Chassis	Metal
Mounting	Desktop rubber feet
Safety	UL, cUL
Emissions	FCC Class A, CE Mark
Power Supply	Universal AC power input: 100 to 240 VAC 50 – 60Hz; Output rate: +3.3V/3A

Technical Support & Warranty

Free technical support and advanced warranty support for 5 years. Includes free telephone support, 24-hour support via web and ftp.



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