MILAN unmanaged switch

MIL-S8TA

(8) 10/100/1000BASE-T ports

The 8-port 10/100/1000BASE-T Switch with Auto MDI/MDIX is an unmanaged multi-port Switch that can be used to build high-performance switched networks. This switch is a store-and-forward device that offers low latency for high-speed networking. The Switch is designed for the core of the network backbone computing environment to solve traffic block problems at SME (small, meduim enterprise) businesses.

The 8-port 10/100/1000BASE-T Switch features a "store-and-forward" switching technology. This allows the switch to auto-learn and store source addresses in an 8K-entry MAC address table.

Ordering Information

MIL-S8TA
8-port 10/100/1000BASE-T switch
Includes Wall Mount Bracket

- Small Form factor
- Internal Power Supply
- 8 10/100/1000BaseT Auto-negotiating ports
- Auto-MDI/MDIX which eliminates cabling confusion

Features

- Conforms to IEEE 802.3, 802.3u, 802.3ab, and 802.3x
- 8 Gigabit copper SOHO switch, compact size with universal internal power
- Auto-MDIX on all ports
- 16 Gbps back-plane
- N-Way Auto-Negotiation
- 8K Mac address table
- Back pressure half duplex
- Flow control full duplex
- Store-and-Forward switching architecture
- 144 Kbytes memory buffer
- True non-blocking switching
- Support 8 Kbytes Jumbo Frame

Specifications

Physical Characteristics	
Enclosure Case	Rugged metal chassis
Dimensions	**Width:** 6.5" [165 mm] **Depth:** 4.0" [100 mm] **Height:** 1.3" [33 mm]
Internal Power Supply	AC 100 – 240V, 50/60 Hz
Connectors	(8) 10/100/1000 Mbps Gigabit Ethernet (10BASE-T, 100BASE-TX, 1000BASE-T) RJ-45
Status Indicators	3 indicators per RJ-45 port: Link/Activity, 10/100 Mbps, 1000 Mbps
Performance	**Flow Control:** Supports IEEE802.3x Flow Control **CoS:** Two queues, WRR 4:1 **Memory**: Embedded 144KB packet buffer **MAC Address Table:** 8K entries **MDI/MDI-X**: Auto
Standards Compliance	
Network:	IEEE 802.3 2002
Environmental Range	
Operating Temperature:	0° to 45°C (32° to 113°F)
Storage Temperature:	-40° to 70°C (-40° to 158°F)
Operating Humidity:	10% to 90% non-condension
Storage Humidity:	0% to 95% non-condension
Power:	Internal power supply
Power Consumption:	7.6 Watts (max.)
Emissions:	FCC Class A and 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.

TRANSITION NETWORKS