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-andforward device that offers low latency for highspeed 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.

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



Ordering Information

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

Specifications

Physical Characteristics Enclosure Case Dimensions	Rugged metal chassis 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: Storage Temperature: Operating Humidity: Storage Humidity: Power: Power Consumption: Emissions:	0° to 45°C (32° to 113°F) -40° to 70°C (-40° to 158°F) 10% to 90% non-condension 0% to 95% non-condension Internal power supply 7.6 Watts (max.) 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.

