MILAN unmanaged switch

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 8 K -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

- 8 K 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

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

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, $50 / 60 \mathrm{~Hz}$ |
| 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 802.32002 |
| Environmental Range |  |
| Operating Temperature: | $0^{\circ}$ to $45^{\circ} \mathrm{C}\left(32^{\circ}\right.$ to $\left.113^{\circ} \mathrm{F}\right)$ |
| Storage Temperature: | $-40^{\circ}$ to $70^{\circ} \mathrm{C}\left(-40^{\circ}\right.$ to $\left.158^{\circ} \mathrm{F}\right)$ |
| 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. |

