



Compact 10/100Mbps Switches MIL-S500 and MIL-S800



10/100 Unmanaged Switches
Full Duplex Flow Control
Store-and-Forward
Auto-Negotiating

With award-winning performance in an incredibly compact design, MiLAN's MIL-S500 and MIL-S800 Switches auto-negotiate 10/100Mbps connections for fast and simple switching in workgroup, small office, and home environments. Features include:

Full/Half Duplex

Each port capable of operating at full or half duplex, allowing up to 200 Mbps for end users. Flow control and back pressure minimize packet loss and maximize performance

High-performance Switching

Non-blocking architecture assures rapid packet delivery, while extensive MAC address tables and memory buffering provide swift lookup and packet forwarding

Automatic MDI/MDIX

Provides automatic cable detection on 10/100BASE-TX ports for adjusting to straight-through or crossover cables during installation

Ruggedized Chassis

Sturdy metal enclosures with optional mounting brackets and magnets for installation in non-traditional environments

Straightforward Diagnostics

Perpetual port status provided via front-side LEDs to simplify troubleshooting

Secure and Safe

UL, cUL, and TUV Certifications; conforms to IEEE 802.3, 802.3u, and 802.3x standards



MiLAN Technology
1329 Moffett Park Drive
Sunnyvale, CA 94089
1-800-466-4526
www.milan.com

Ethernet/Fast Ethernet Switches

MIL-S500 and MIL-S800

MIL-S500

Features

Filtering/Forwarding/Learning: Non-blocking, full wire speed
Ports: Auto-negotiating for speed and duplex
Forwarding mode: Store-and-forward
Auto-MDI/MDIX: Crossover cables not needed
MAC address table: Stores up to 4,000 addresses & 128KB memory buffer sharing
LEDs: Power, 100 Mbps, Link/Activity, FDX/COL

Standards Compliance

IEEE802.3 10BASE-T Ethernet
IEEE802.3 100BASE-TX Ethernet
IEEE802.3x full-duplex flow control

Network Interface

10BASE-T: RJ-45 Categories 3, 4, 5 100-ohm UTP
100BASE-TX: RJ-45 Category 5 100-ohm UTP

Specifications

Dimensions: 110 mm x 70 mm x 19mm (4.3" W x 2.8" D x .7" H)
Operating Temperature: 0 to 45°C (32°F to 113°F)
Storage Temperature: -25°C to 70°C (-13°F to 158°F)
Operating Humidity: 10% to 90% (non-condensing)
Relative Humidity: 10% to 90%
Weight: .26kg (9 oz)

External Power Supply

AC Input Voltage: 100-120 VAC North American
200-220 VAC Continental Europe & UK
DC Output Power: 9V DC, 700mA
Power Consumption: 1.5 Watts maximum
Power adapters available: North American, Continental Europe, United Kingdom
Chassis: Metal
Installation: Twin magnets and desktop rubber feet included

Safety: UL, cUL, TUV

Emissions: FCC Class B, CISPR 22 Class B, CE Mark

Ordering Information

5-Port Fast Ethernet Switch

MIL-S500US: 5 port 10/100Mbps Switch (North America)
MIL-S500UK: 5 port 10/100Mbps Switch (United Kingdom)
MIL-S500EU: 5 port 10/100Mbps Switch (Europe)
MIL-BRSW: Optional mounting bracket

Warranty

Comprehensive 5 years

MIL-S800

Features

Filtering/Forwarding/Learning: Full line rates
Ports: Auto-negotiating for speed and duplex
Forwarding mode: Store-and-forward
Auto-MDI/MDIX: Crossover cables not needed
MAC address table: Stores up to 8,000 addresses & 256KB memory buffer sharing
LEDs: Power, 100 Mbps, Link/Activity, FDX/COL

Standards Compliance

IEEE802.3 10BASE-T Ethernet
IEEE802.3 100BASE-TX Ethernet
IEEE802.3x full-duplex flow control

Network Interface

10BASE-T: RJ-45 Categories 3, 4, 5 100-ohm UTP
100BASE-TX: RJ-45 Category 5 100-ohm UTP

Specifications

Dimensions: 165 mm x 100 mm x 24 mm (6.5" W x 4" D x 1" H)
Operating Temperature: 0 to 45°C (32°F to 113°F)
Storage Temperature: -25°C to 70°C (-13°F to 158°F)
Operating Humidity: 10% to 90% (non-condensing)
Relative Humidity: 10% to 90%
Weight: .45kg (1 lb)

External Power Supply

AC Input Voltage: 100-120 VAC North American
200-220 VAC Continental Europe & UK
DC Output Power: 9VDC, 700mA
Power Consumption: 4 Watts maximum
Power adapters available: North American, Continental Europe, United Kingdom
Chassis: Metal
Installation: Integrated keyholes for wall mounting; twin magnets and desktop rubber feet included

Safety: UL, cUL, TUV

Emissions: FCC Class B, CISPR 22 Class B, CE Mark

Ordering Information

8-Port Fast Ethernet Switch

MIL-S800US: 8 port 10/100Mbps Switch (North America)
MIL-S800UK: 8 port 10/100Mbps Switch (United Kingdom)
MIL-S800EU: 8 port 10/100Mbps Switch (Europe)
MIL-BRSW: Optional mounting bracket

Warranty

Comprehensive 5 years

Milan Technology reserves the right to change specifications or other product information without notice. This publication could include technical inaccuracies or typographical errors. Milan Technology provides this publication "as is" without warranty of any kind, either expressed or implied, including implied warranties of merchantability or fitness for a particular purpose. If your jurisdiction does not allow disclaimer of expressed or implied warranties in certain transactions, this disclaimer may not be applicable.

Milan Technology, the Milan Technology logo are trademarks. All other trademarks are the property of their respective holders.

© Copyright 2002 MiLAN Technology Rev_B



MiLAN Technology
1329 Moffett Park Drive
Sunnyvale, CA 94089
1-800-466-4526
www.milan.com