

## (5) or (8) 10/100BASE-TX ports

- ▶ Full Duplex Flow Control
- ▶ Store-and-Forward
- ▶ Auto-Negotiating

With award-winning performance in an incredibly compact design, MILAN by Transition'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 nontraditional 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.

## MIL-S500 & MIL-S800



## 10/100 copper

10/100 with fiber  
10/100/1000  
10/100/1000 with fiber

### 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
- ▶ LEDs: Power, 100 Mbps, Link/Activity, FDX/COL

## Ordering Info

### MIL-S500

5-Port 10/100BASE-TX Micro Switch

### MIL-S800

8-Port 10/100BASE-TX Switch

## Optional Accessories

(sold separately)

### Mounting Brackets:

### MIL-BRSW (see page 176)

Wall Mount Bracket for MIL-S800 and MIL-S500

## Specifications

Standards Compliance	IEEE Std. 802.3 10BASE-T Ethernet; IEEE Std. 802.3 100BASE-TX Ethernet; IEEE Std. 802.3x full-duplex flow control
MAC Address Table	<b>MIL-S500:</b> 1K <b>MIL-S800:</b> 2K
Packet Buffer	<b>MIL-S500:</b> 128 KB <b>MIL-S800:</b> 128KB
Network Interface	<b>10BASE-T:</b> RJ-45 Categories 3, 4, 5 100-ohm UTP <b>100BASE-TX:</b> RJ-45 Category 5 100-ohm UTP
Dimensions	<b>MIL-S500:</b> Width: 4.3" [110 mm] Depth: 2.8" [70 mm] Height: 0.7" [19 mm]  <b>MIL-S800:</b> Width: 6.5" [165 mm] Depth: 4.0" [100 mm] Height: 1.0" [24 mm]

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	<b>MIL-S500:</b> 0.26 kg (9 oz) <b>MIL-S800:</b> 0.45 kg (1 lb.)
External Power Supply	DC Output Power: 9V DC, 700mA
Power Consumption	<b>MIL-S500:</b> 1.5 Watts maximum <b>MIL-S800:</b> 4.2 Watts maximum
Compliance	<b>Safety:</b> UL, cUL, TUV <b>Emissions:</b> FCC Class B, CISPR 22 Class B, 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.