



## Ethernet/Fast Ethernet Switches



**10/100 Unmanaged Switch**  
**Internal power supply**  
**Store-and-Forward**  
**Auto-MDI/MDIX**

The industry's smallest 8-port compact switch with an internal power, MiLAN's MIL-S800i auto-negotiates 10/100Mbps connections for fast and simple switching in workgroup, small office, and home environments. Features include:

### **Full/Half Duplex**

Each port is 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 4K MAC address table and memory buffering provide swift lookup and packet forwarding

### **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 wall holes mounts for installation in non-traditional environments

### **Straightforward Diagnostics**

Perpetual port status provided via LEDs on top of switch to simplify troubleshooting

### **Secure and Safe**

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



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# Ethernet/Fast Ethernet Switches

## MIL-S800i

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#### Features

Non-blocking wire speed performance  
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 & 256KB memory buffer sharing  
LEDs: Power, 100 Mbps, Link/Activity, FDX/COL  
Internal power supply

#### 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:** 160 mm x 100 mm x 28 mm  
(6.3" W x 4" D x 1" H)

**Operating Temperature:** 0 to 45°C  
(32°F to 113°F)

**Operating Humidity:** 10% to 90% ( non-condensing )

**Storage Temperature:** -25°C to 75°C  
( -13°F to 167°F )

**Relative Humidity:** 10% to 95%

**Weight:** .45kg (1 lb)

#### Internal Power Supply

**AC Power:** 100-240 VAC

**Line Frequency:** 50/60Hz

**Power Output:** 3.3 VDC@2A

**Power Consumption:** 7 Watts maximum

**Power cords available:** North American, Continental Europe, United Kingdom

**Chassis:** Metal

**Installation:** Integrated keyholes for wall mounting; desktop rubber feet included

**Safety:** UL, cUL, CE

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

#### Ordering Information

##### 8-Port Fast Ethernet Switch

MIL-S800iUS: 8 port 10/100Mbps Switch (North America)

MIL-S800iUK: 8 port 10/100Mbps Switch (United Kingdom)

MIL-S800iEU: 8 port 10/100Mbps Switch (Europe)

#### Warranty

Comprehensive 5 years

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