



Sixnet® SLX-8MS-8SC

Managed 8-port Industrial Ethernet Switch

Item number: SLX-8MS-8SC

The Sixnet® 8-port Managed Industrial Ethernet Switch enables fast Ethernet connectivity for industrial equipment in extreme industrial settings. Rugged and high-performing with a range of advanced control, monitoring and security features deployable through a web browser. Four 10/100BaseTX RJ-45 ports and four 100BaseFX multimode 4km fibers ports with SC connectors.



High-speed 8-port managed Ethernet switch for industrial connectivity

Features and benefits

- ✓ **Easily connect and manage Ethernet-enabled devices**
Deliver outstanding switch performance to maritime, oil & gas, transportation, utility and energy applications. Well suited for use as a fiber optic ring manager or an aggregation switch.
- ✓ **Copper and fiber capability via 8 total ports**
Connect devices to up to 8 ports, including four 10/100BaseTX copper ports and four 100BaseFX multimode 4km fibers ports with SC connectors.
- ✓ **User-configurable advanced functionality**
Features are easily configurable from a web browser or CLI management. Set up RSTP/MSTP, VLAN, priority queuing, IGMP, SNMP, RMON and port mirroring to your specifications.
- ✓ **Real-Time Ring technology and RSTP**
Real-Time Ring technology and Rapid Spanning Tree Protocol (RSTP) provide network redundancy. Monitor ring and spanning tree health status via web browser.
- ✓ **Leading certifications for industrial environments**
IEEE 802.3 compliance. Suitable for hazardous environments with UL Class I, Division 2 listing and CE and CSA certifications. ABS Type approval for shipboard applications. Over 1 million hours MTBF and operating temperature of -40 °C to 75 °C.
- ✓ **Enhanced port security**
Port-based MAC address filtering and HTTPS, SSH, SSL and SNMPv3 protocols deliver a high level of security to your network connections. Supports up to 2048 MAC addresses.
- ✓ **Engineered for rugged environments**
Durable, hardened metal DIN-rail mountable enclosures offer extended shock and vibration protection and electrical noise and surge immunity. Suitable for the most demanding industrial environments.
- ✓ **High-performing Ethernet ports**
Auto-sensing for speed, flow and MDIX. Ethernet switching technology makes RJ-45 ports full/half duplex capable.
- ✓ **Intelligent Ethernet routing**
Route Ethernet messages only out the appropriate port and enable priority queuing (QoS/CoS/DS). Broadcast and multicast with storm protection.
- ✓ **Alarm and status monitoring**
Stay informed about switch health and power using LED status indicators and configurable alarm output.
- ✓ **Remote monitoring with Modbus/TCP**
Monitor power, port and ring status through a web browser in real time using Modbus/TCP monitoring.
- ✓ **Redundant power inputs and surge protection**
Dual redundant power inputs (10-30 VDC) with surge protection.

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| General | |
|-----------------------------------|-----------------------------------|
| Net Weight (g) | 498.9512 |
| Packed Weight (g) | 498.9512 |
| Operating Temperature °C Min | -40 |
| Operating Temperature °C Max | 75 |
| Storage Temperature °C Min | -40 |
| Storage Temperature °C Max | 85 |
| Relative Humidity | 5% to 95% (non condensing) |
| Power Consumption (W) | 0 |
| Input Voltage (V) | 10-30 VDC |
| Maximum Installation Altitude (m) | 9144 |
| Mounting | DIN rail mount (bracket included) |
| Housing Materials | Aluminium |
| Packaging Material | Cardboard |
| Warranty (years) | 5 |
| Identification and Status | |
| Product ID | SLX-8MS-8SC |
| Country of Origin | Taiwan (Province of China) |
| HS Code | 8517620000 |
| Dual Usage | No |
| Physical Features | |
| Top Wiring Clearance (mm) | 102 |

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Physical Features

| | |
|-----------------------------|-----|
| Front Wiring Clearance (mm) | 102 |
| SD Card Slot | No |
| Flash Drive | No |
| Contains Battery | No |

Bluetooth Features

| | |
|---------------------|----------------|
| Net Data Throughput | Up to 1.6 Gb/s |
|---------------------|----------------|

Certifications and Standards

| | |
|---------------------------------|--|
| Protection Class IP | IP40 |
| RoHS Compliant | Yes |
| CE | Yes |
| FCC | Yes |
| UKCA | No |
| UL | Yes |
| ATEX | Yes |
| DNV | No |
| KC | No |
| Mean Time Before Failure (MTBF) | >2 million |
| Vibration and Shock | Shock: IEC 60068-2-6 and -27; Vibration: IEC 60068-2-6 and -27 |