Company Logo

Sixnet® SLX-5MS-5SC Managed 5-port Industrial Ethernet Switch

Item number: SLX-5MS-5SC

The Sixnet® 5-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. Three 10/100BaseTX RJ-45 ports and two 100BaseFX singlemode 20km fibers ports with SC connectors.

High-speed 5-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 5 total ports

Connect devices to up to 5 ports, including three 10/100BaseTX copper ports and two 100BaseFX singlemode 20km fibers ports with SC connectors.

User-configurable advanced functionality

Ffeatures 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)	385.5532
Packed Weight (g)	385.5532
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	Metal Housing
Packaging Material	Cardboard
Warranty (years)	5

Identification and Status

Product ID	SLX-5MS-5SC
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	1 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 hours
Vibration and Shock	Shock: IEC 60068-2-6 and -27; Vibration: IEC 60068-2-6 and -27