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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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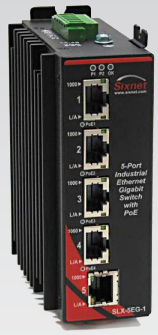
SLX-5EG-1 Industrial Ethernet Switch

Sixnet Networking Series

SlimLine Plus Gigabit Industrial Connectivity



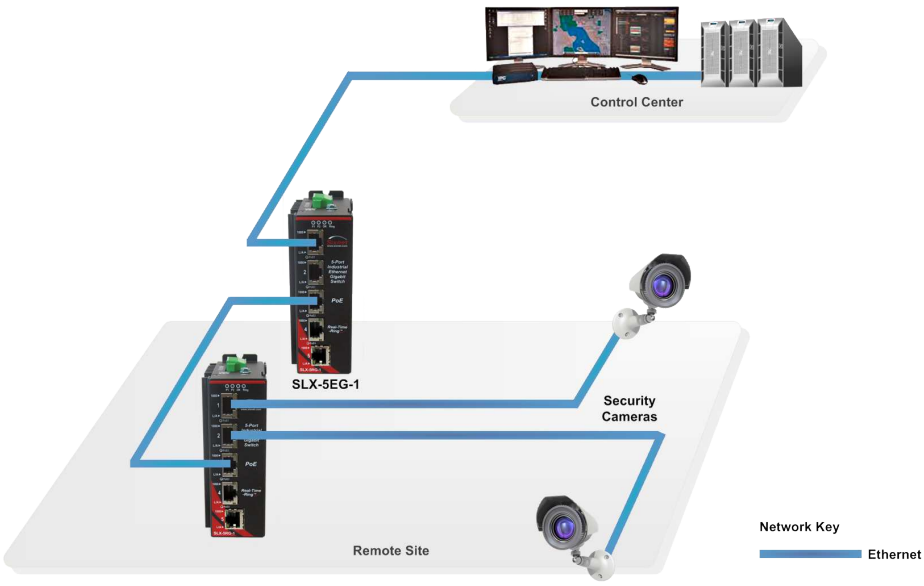
PRODUCT HIGHLIGHTS

- 5 Gigabit Ethernet ports (10/100/1000)
- 4 fully IEEE-compliant PoE ports
- High performance and reliability
- Industrial-hardened design

APPLICATIONS

- Video & Security
- Transportation
- Oil & Gas
- Mining
- Maritime

The Red Lion Sixnet SLX-5EG-1 is a 5-port all Gigabit Ethernet switch designed for reliable performance in industrial networking environments. Gigabit operation drives fast data throughput and network efficiency. The SLX series features rugged construction optimized for high tolerance to extreme environmental conditions. Convenient plug-and-play capabilities eliminates time-consuming setup and configuration.



- **Provides plug-and-play simplicity**
- **Offers ease of use**
  - All Gigabit ports
  - Auto-sensing for speed and duplex
  - Auto-MDI/MDIX-crossover works with straight or crossed cables
  - Auto-polarity corrects for crossed signals
  - No user configuration required
  - Dual redundant power inputs
- **Supports deployment in extreme environments**
- **Provides high reliability in the toughest applications**
  - Ultra-reliable 1,000,000+ hours MTBF
  - Operating temperature: -40° to +85°C
  - Rugged corrosion-resistant metal enclosure
  - Hazardous locations for Class I, Div 2 and Zone 2

SLX-5EG-1 Specifications

- Type: unmanaged
- Operation: store and forward wire-speed switching, non-blocking
- Modes: full or half duplex operation with flow control on all ports
- MAC addresses: 1,024
- Memory bandwidth: 32 Gbps
- Typical latency
- – 3 µS for 1000 Mbps
  – 5 µS for 100 Mbps
  – 16 µS for 10 Mbps
- Jumbo frames: up to 10K
- Ethernet isolation: 1,500 Vrms 1 minute

- 5 RJ45 ports fully IEEE 802.3 compliant
- Speed (10/100/1000) and duplex settings (full or half): auto-detecting
- Auto-MDI/MDIX-crossover automatically supports either straight or crossed cables
- Auto-polarity for automatic correction of crossed TD and RD pairs

- Operating temperature: -40° to +85°C
- Cold startup: -40°C
- Storage temperature: -40° to +85°C
- Humidity: 5 to 95% RH (non-condensing; conformal coating optional)
- Shock and vibration: IEC60068-2-6 and -27
- Maximum Operating Altitude: 30,000 ft.

- Redundancy: dual power input terminals with reverse polarity protection
- Power input
  – 10-44 VDC with no PoE output
  – 45-52 VDC for PoE output
- Switch power consumption (without PoE)
  – 4.3 W (all copper) typical
  – Typical is with all ports active at 1000 Mbps
- PoE power consumption: up to 15.4 W per port
- Max. power consumption (with PoE)
  – 66W with 4 fully loaded PoE ports
- Transient protection: 15,000 watts peak
- Spike protection: 5,000 watts (10 times for 10 µS)

- PoE compliance: 100% IEEE 802.3af compliant
- PoE classification: PSE (Power Sourcing Equipment)
- PoE voltage: 45 to 48 VDC depending on power input
- PoE power: up to 15.4 watts per channel
- PoE RJ45: pin assignments TX/V- (3, 6); RX/V+ (1, 2)
- PoE operation: automatic detection and power management
- PoE disconnect mode: AC disconnect
- PoE protection: over-temperature, over-current, over/under-voltage and transient

- Standards: IEEE 802.3, 802.3u, 802.3x
- Electrical safety: UL508, CSA C22.2/14; EN61010-1, CE
- EMC: FCC part 15, ICES-003; EN610006-2/4, CE
- Hazardous locations: UL1604, CSA C22.2/213 (Class I, Div 2); EN60079-15 (Zone 2; Category 3), CE (ATEX)
- Marine/maritime/offshore compliance
- MTBF: >2MM hours GB @ 40°C per MIL-HNDBK-217F2
- RoHs and WEEE compliant

- Material: corrosion-resistant aluminum
- Ingress protection: IP40
- Mounting: DIN-rail or direct-to-panel
- Weight: 15.2 oz (0.43 kg)
- Dimensions: 3.8" x 1.77" x 5.26" (9.71cm x 4.48cm x 13.37cm)

- 5 years on design and manufacturing defects

All specifications are subject to change. Contact Sixnet to learn more.

SLX-5EG-1	5 ports, unmanaged 4GE RJ45 PoE + 1 GE RJ45

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As the global experts in communication, monitoring and control for industrial automation and networking, Red Lion has been delivering innovative solutions for over forty years. Our automation, Ethernet and cellular M2M technology enables companies worldwide to gain real-time data visibility that drives productivity. Product brands include Red Lion, N-Tron® and Sixnet®. With headquarters in York, Pennsylvania, the company has offices across the Americas, Asia-Pacific and Europe. Red Lion is part of Spectris plc, the productivity-enhancing instrumentation and controls company. For more information, please visit www.redlion.net.