

SISPM1040-384-LRT-B

Managed Hardened Gigabit Ethernet Switch

(8) 10/100/1000Base-T PoE+ Ports + (4) 100/1000Base-X SFP Ports



The SISPM1040-384-LRT-B is a managed Gigabit PoE switch suitable for connecting and powering devices in challenging environments. The dual speed SFP ports provide the ultimate flexibility by allowing fiber SFP uplink ports with varying communication distances. The uplink ports can also be used in a redundant ring for maximum network reliability. The switch has a PoE power budget of 240 Watts, provides up to 30 Watts per port on all ports simultaneously, has redundant input power connections, and a fault alarm relay to ensure safe reliable operation in temperatures between -40°C and +70°C.

Transition Networks' hardened switches are certified to operate reliably in harsh environments such as those found on factory floors, outdoor enclosures or other challenging environments.

Ordering Information

SISPM1040-384-LRT-B

(8) 10/100/1000Base-T PoE+ [100 m/328 ft.]
with (4) 100/1000Base-X SFP ports

Optional Accessories (sold separately)

SFP Modules

Industrial Power Supplies:

25104

Input: 85-264 VAC, 124-370 VDC
Output: 48-55 VDC, 5.0A, 240 Watts

Features

- Store-and-Forward Architecture with 24 Gbps Switching Bandwidth
- (8) ports of PSE, providing up to 30 Watts per port
- Auto Power Reset (APR)
- Supports Jumbo frames up to 9.6K Bytes
- Industry standard G.8032 Ethernet Ring Protection Switching (ERPS)
- Redundant Ring with recovery time less than 20ms over 250 units
- IGMP v2/v3 for filtering multicast traffic, 128 groups per VLAN, (IGMP Snooping)
- SNMP v1/v2c/v3, RMON and 802.1Q VLAN Network Management (256 VLANs)
- ACL, TACACS+, and 802.1x User Authentication
- Supports LLDP Protocol
- HTTPS/SSH Network Security
- Advanced IP-based Rate Limiting
- Extended operating temperature (-40°C to 70°C)
- Dual, Redundant 50VDC Power Inputs with Overload Current Protection
- DIN Rail and Wall Mount Brackets Included

Specifications

Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3z IEEE 802.3ab IEEE 802.3x IEEE 802.3ad IEEE 802.1p IEEE 802.1Q IEEE 802.1w IEEE 802.1s IEEE 802.1x IEEE 802.1AB IEEE 802.3at
Serial Console	DB9 to RJ-45 (Cable Supplied)
Status LEDs	Power, Ring, Ring Master, Fault, Port Link/Act, PoE Power injected
Dimensions	Width: 3.8" [96.4 mm] Depth: 4.15" [105.5 mm] Height: 6.06" [154 mm]
Power Consumption	20 Watts (without PoE)
Power Input	52 - 57VDC; redundant inputs
Fault Relay	1A at 24 VDC capacity
Ingress Protection	IP30
Environment	Operating: -40°C to +70°C Storage: -40°C to 85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 - 10,000 ft.
Weight	3.7 lbs. [1.68 kg]
Compliance	Safety: EN60950-1, UL 60950-1, CE, FCC Part 15, CISPR22/EN55022 Class A, EN61000-4-2, EN61000-4-3, EN-61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11, IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Warranty	Lifetime

Features (Continued)

- RSTP/MSTP (IEEE 802.1w/s)
- TOS/DiffServ supported
- Quality of Service (802.1p) for real-time traffic
- VLAN (802.1Q) with VLAN tagging and GVRP supported
- SMTP Client
- IP-based bandwidth management
- Application-based QoS management
- DOS/DDOS auto prevention
- Port configuration, status, statistics, monitoring, security
- System Alarms via SYSLOG / SNMP Trap / Fault Output Relay
- DHCP Client/Server
- Port based network access control (802.1x)
- Web / SNMP v1,v2c,v3 / Telnet / CLI device management
- RADIUS centralized password management
- SNMPv3 encrypted authentication and access security