SISPM1040-382-LRT

Managed Hardened Fast Ethernet Switch

(8) 10/100Base-TX PoE+ Ports + (2) 100/1000 SFP/RJ-45 Combo Ports

TRANSITION NETWORKS®

The SISPM1040-382-LRT is a managed PoE switch suitable for connecting and powering devices in challenging environments. The two gigabit speed combo ports provide the ultimate flexibility by allowing copper or fiber SFP uplink ports. The two 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 +75°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

SISPM1040-382-LRT
(8) 10/100Base-TX PoE+ [100 m/328 ft.] + (2) 100/1000 SFP/RJ-45 combo ports

Optional Accessories (sold separately)

SFP Modules

External AC/DC Power Supply

25104
Input: 85-264 VAC, 124-370 VDC
Output: 48~55 VDC, 5.0A, 240 Watts

Features

- Store-and-Forward Architecture with 5.6 Gbps Switching Bandwidth
- Dual, Redundant 50 to 57 VDC Power Inputs with Current Overload Protection
- 6 PIN Terminal Block input power connections
- Fault Output Relay rated 1A@24VDC
- (8) ports of PSE, providing up to 30 Watts per port
- DIN Rail and Wall Mount Brackets Included
- Extended operating temperature (-40°C to 75°C)
- Redundant Ring with recovery time less than 10ms over 250 units

Specifications

Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3z IEEE 802.3ab IEEE 802.3x IEEE 802.3ad IEEE 802.1D IEEE 802.1p IEEE 802.1Q IEEE 802.1w IEEE 802.1s IEEE 802.1x IEEE 802.1AB IEEE 802.3at
Status LEDs	Power, Ring, Ring Master, Fault, Port Link/Act, Port PoE
Dimensions	Width: 2.93" [74.3 mm] Depth: 4.3" [109.2 mm] Height: 6.06" [153.6 mm]
Power Consumption	7.68 Watts (without PoE) 250 Watts (full PoE)
Power Input	50~57 VDC; redundant inputs, 6-PIN Terminal Block
Ingress Protection	IP30
Environment	Operating: -40°C to 75°C Storage: -40°C to 85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	2.6 lbs. [1.2 kg]
Compliance	Safety: EN60950-1 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)

- STP/RSTP/MSTP (IEEE 802.1D/w/s)
- TOS/DSCP
- QoS Quality of Service (802.1p)
- VLAN with VLAN Tagging and GVRP (802-1Q)
- MVR (Multicast VLAN Registration) support
- IGMP v2/v3 (IGMP Snooping)
- IP-based bandwidth management
- Port configuration, status, statistics, monitoring, security
- SNTP for synchronizing of clocks over network
- PTP Client (Precision Time Protocol) clock synchronization
- System Alarms via SYSLOG / SNMP / Trap / Fault Output Relay
- LLDP protocol
- DHCP Client/Server
- Port based network access control (802.1x)
- SSH Security
- RADIUS centralized password management
- SNMPv3 encrypted authentication and access security
- Web / SNMP v1, v2c, v3 / Telnet / CLI SSL/HTTPS device management