SISPM1040-182D-LRT
Managed Hardened Fast Ethernet Switch

(8) 10/100Base-TX PoE Ports + (2) 10/100/1000Base-T Ports or (2) 100/1000Base-X SFP Combo Ports

TRANSITION
NETWORKS®

The SISPM1040-182D-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 120 Watts, provides up to 15.4 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 +65°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

SISPM1040-182D-LRT
(8) 10/100Base-TX (RJ-45) [100 m/328 ft.]
with (2) 10/100/1000Base-T (RJ-45)
or (2) 100/1000Base-X SFP Combo ports

Optional Accessories (sold separately)

SFP Modules

External AC/DC Power Supply

25080
Input: 88-132 VAC, 176-264VAC, 248-370VDC
by switch
Output: 48~53 VDC, 2.5A, 120 Watts

25105
Input: 88-264VAC, 124-370VDC
Output: 48VDC

Features

- DIN Rail Connector
- Barrel Connector
- Auto-MDI/MDIX
- IEEE 802.3af PoE on (8) 10/100TX ports
- SFP ports support 100/1000Base-X Dual Speed
- Store-and-Forward Switching Architecture
- Backplane (Switching Fabric): 5.6 Gbps
- 1Mbits Packet Buffer
- 8K MAC Address Table
- Dual, Redundant, Auto-sensing Power Supply Inputs
- Power Polarity Reverse Protect
- Overload Current Protection
- Dry Contact Relay Output
- Port Based VLAN
- 802.1Q Tag VLAN
- GVRP

Specifications

Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3ab IEEE 802.3z IEEE 802.3x IEEE 802.3ad IEEE 802.3af IEEE 802.1d IEEE 802.1w IEEE 802.1p IEEE 802.1Q IEEE 802.1x IEEE 802.1ab
PoE Pin Assignment	RJ-45 port # 1~# 8 support IEEE 802.3af End-point, Alternative A mode. Per port provides 15.4 Watts ability. Positive (VCC+): RJ-45 pin 1,2. Negative (VCC-): RJ-45 pin 3,6.
Protocol	CSMA/CD
Status LEDs	Power (Green), Power 1 (Green), Power 2 (Green), Fault (Red), Master (Green), FWD (Green) 8 port 10/100: Link/Activity (Green), Full-duplex/Collision (Yellow) SFP port: LNK/ACT(Green), 1000T: LNK/ACT(Green), 1000M(Green)
Dimensions	Width: 2.8" [72 mm] Depth: 4.1" [105 mm] Height: 5.9" [152 mm]
Power Consumption	16 Watts (without PoE) 136 Watts (full PoE)
Power Supply	External Power Supply: DC 48V, Redundant power DC 48V, removable terminal block
Power Input	48 VDC; redundant inputs (removable terminal block), additional barrel connector
Ingress Protection	IP30
Environment	Operating: -40°C to 65°C Storage: -40°C to 85°C Humidity: 5% to 95% (non-condensing)
Weight	4 lbs. [1.81 kg]
Compliance	Safety: UL, cUL, CE EN60950-1 Emissions: FCC Class A Immunity: EN61000-4-2, EN61000-4-3, EN-61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-11, EN61000-4-12, EN61000-6-2, EN61000-6-4, IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Warranty	Lifetime

Features (Continued)

- Port Trunk with LACP
- QoS (Quality of Service)
- IEEE 802.1p Class of Service,Per port provides 4 priority queues
- Port Based, Tag Based and Type of Service Priority
- Port Mirror
- Monitor traffic in switched networks.
- Port Security: MAC address entries/filter
- IP Security: IP address security management to prevent unauthorized intruder
- Login Security IEEE 802.1X/RADIUS
- IGMP Query mode for Multi Media Application
- Support multicast filter X-Ring
- Support X-ring, Dual Homing, Couple Ring and Dual Ring Topology. Provide redundant backup feature and recovery time below 20 ms
- Serial Console Port
- SNMP v1 v2c, v3/Web/Telnet/CLI
- DHCP Client/DHCP Server
- TFTP Firmware Upgrade
- TFTP Configuration Backup/Restore
- IPv4/IPv6 dual-stack