

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



Transition Networks Industrial Switches are hardened devices designed to reliably operate in harsh environments such as those found on factory floors, outdoor enclosures or other hazardous environments.

### Features

#### System Interface/Performance

- ▶ AutoCross™ (Auto MDI/MDI-X)
- ▶ IEEE802.3af POE on (8) 10/100TX ports
- ▶ SFP ports support 100/1000Base-X Dual Speed
- ▶ Store-and-Forward Switching Architecture
- ▶ Back-plane (Switching Fabric): 5.6Gbps
- ▶ 1Mbits Packet Buffer
- ▶ 8K MAC Address Table

#### Power Supply

- ▶ Dual, Redundant, Auto-sensing Power Supply Inputs
- ▶ Power Polarity Reverse Protect
- ▶ Overload Current Protection
- ▶ Dry Contact Relay Output

#### VLAN

- ▶ Port Based VLAN
- ▶ 802.1 Q Tag VLAN
- ▶ GVRP

#### Port Trunk with LACP

- ▶ IEEE 802.1p Class of Service
- ▶ Per port provides 4 priority queues
- ▶ Port Base, Tag Base and Type of Service Priority

Port Mirror: Monitor traffic in switched networks.

#### Security

- ▶ Port Security : MAC address entries/filter
- ▶ IP Security

Provides EFT protection 3000 VDC for power line

#### 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 20ms

#### Management

- ▶ SNMP v1 v2c, v3/Web/Telnet/CLI

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## SISPM1040-182D-LRx

NEW



### Specifications

Standards	IEEE 802.3 10Base-T Ethernet; IEEE 802.3u 100Base-TX/ FX; IEEE802.3ab 1000Base-T; IEEE802.3z Gigabit fiber; IEEE802.3x Flow Control and Back Pressure; IEEE802.3ad Port trunk with LACP; IEEE802.3af Power over Ethernet; IEEE802.1d Spanning Tree/ IEEE802.1w Rapid Spanning Tree; IEEE802.1p Class of Service; IEEE802.1Q VLAN Tag; IEEE 802.1x User Authentication (Radius); IEEE802.1ab LLDP
Switch Architecture	Back-plane (Switching Fabric): 5.6Gbps Packet throughput ability (Full-Duplex): 8.3Mpps @64bytes
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port 1,488,000pps for Gigabit Ethernet port
Packet Buffer	1Mbits
MAC address	8K MAC address table
Flash ROM	4Mbytes
DRAM	32Mbytes
Connector	10/100TX: 8 x RJ-45 10/100/1000T: 2 x RJ-45 SFP Combo ports: 2 x 100/1000 SFP RS-232 connector: RJ-45 type
PoE pin assignment	RJ-45 port # 1-# 8 support IEEE 802.3af End-point, Alternative A mode. Per port provides 15.4W ability. Positive (VCC+): RJ-45 pin 1,2. Negative (VCC-): RJ-45 pin 3,6.
Protocol	CSMA/CD
LED	Per unit: 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)
Power Supply	External Power Supply: DC 48V, Redundant power DC 48V, removable terminal block
Power Consumption	136 Watts (Full Load)
Operating Humidity	5% to 95% (Non-condensing)
Operating Temperature	Standard: -10°C ~ 50°C Wide Operating Temperature (-40°C ~ 65°C )
Storage Temperature	-40°C to 85°C
Case Dimension	IP-30, 72mm (W) x 105mm (D) x 152mm (H)
Installation	DIN rail bracket installed / wall mount brackets included
EMI	FCC Class A, CE EN61000-4-2, CE EN61000-4-3, CE EN-61000-4-4, CE EN61000-4-5, CE EN61000-4-6, CE EN61000-4-8, CE EN61000-4-11, CE EN61000-4-12, CE EN61000-6-2, CE EN61000-6-4
Safety	UL, cUL, CE/EN60950-1
Stability Testing	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Shipping Weight	4.0 lbs.
Warranty	Lifetime

### Ordering Info

Standard Operating  
Temperature: -10° to +50°C

#### SISPM1040-182D-LR

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

#### Extended Operating

Temperature: -40°C to +65°C

#### SISPM1040-182D-LRT

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

### Optional Accessories

(sold separately)

#### SFP Modules



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