industrial switch

AUTO NEG = | AUTO CROSS × | NEW PRODUCT

SISGM1040-262D-LR

(6) 10/100/1000Base-T + (2) Combo Ports 10/100/1000Base-T or 100/1000Base-X SFP

Features

System Interface/Performance

▸ AutoCross™ (Auto MDI/MDI-X)

▸ SFP ports support 100/1000Base-X Dual Speed

▸ Store-and-Forward Switching Architecture

▸ Back-plane (Switching Fabric): 16Gbps

▸ 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

▸ Private VLAN

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.

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; IEEE802.1d 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): 16Gbps Packet throughput ability (Full-Duplex): 23.8Mpps @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	10/100/1000T: 6 x RJ-45 10/100/1000T: 2 x RJ-45 SFP Combo ports: 2 x 100/1000 SFP RS-232 connector: RJ-45 type
Protocol	CSMA/CD
LED	Per unit: Power (Green), Power 1 (Green), Power 2 (Green), Fault (Red), Master (Green), Full duplex/Collision (Yellow) SFP port: LNK/ACT(Green), 1000T: LNK/ACT(Green), 1000M(Green)
Power Supply	DC12 48V, Redundant Power and Removable Terminal Block
Power Consumption	18 Watts
Operating Humidity	5% to 95% (Non-condensing)
Operating Temperature	Standard: -10˚C ~ 50˚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; Class 1 Div 2 for hazardous environments
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

SISGM1040-262D-LR
(6) 10/100/1000BASE-T
+ (2) Combo Ports 10/100/1000BASE-T or 100/1000BASE-X SFP

Optional Accessories

(sold separately)

**SFP Modules
External AC/DC Power Supply:**
SPS-UA12DHT
100-240 VAC input
(-25° C to + 70° C operating temperature)

More Features

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.

Security

▸ Port Sercurity : MAC address entries/filter

▸ IP Security : IP address security management to prevent unauthorized intruder

▸ Login Security : IEEE802.1X/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 20ms

Management

▸ SNMP v1 v2c, v3/Web/Telnet/CLI

▸ DHCP Client/DHCP Server

▸ TFTP Firmware Upgrade

▸ TFTP Configuration Backup/Restore

TRANSITION NETWORKS®