

# SISGM1040-244-LRT

## Managed Hardened Gigabit Ethernet Switch

(4) 10/100/1000Base-TX Ports + (4) 100/1000Base-X SFP Ports



### Ordering Information

**SISGM1040-244-LRT**  
(4) 10/100/1000Base-T +  
(4) 100/1000 SFP Ports

Optional Accessories (sold separately)

#### SFP Modules

External AC/DC Power Supply

#### 25083

Input: 85-264 VAC, 120-370VDC  
Output: 10.8 ~ 13.2 VDC, 2A, 24 Watts

#### SPS-UA12DHT

Input: 90 ~ 264 VAC  
Output: 12 VDC, 1.3A, 18 Watts



The SISGM1040-244-LRT is a managed Gigabit switch suitable for connecting remote devices in hazardous environments. The (4) dual speed SFP ports provide the ultimate flexibility by allowing SFP fiber connections at 100Mb or Gigabit speeds at a variety of communication distances. The ports can also be used in a redundant ring for maximum network reliability. This switch is Class 1, Div 2 Certified, 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 hazardous environments.

### Features

- Backplane switch fabric: 16 Gbps
- 1 Mbits Packet Buffer
- SFP ports support 100/1000 Dual Mode
- Store-and-Forward Switching Architecture with 8K MAC Address Table
- Extended operating temperature (-40°C to 75°C)
- Dry Contact Relay Alarm Output
- Wide-range Redundant Power Design
- X-Ring and RSTP Redundancy
- SSL/SSH
- DIN Rail Mounting and Wall Mount Brackets
- Barrel connector interface cable for external AC/DC power supply
- Class 1, Div 2 Certified

### Specifications

Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3ab IEEE 802.3z IEEE 802.3x IEEE 802.3ad IEEE 802.1d IEEE 802.1p IEEE 802.1Q IEEE 802.1x IEEE 802.1w
Status LEDs	PWR 1 (Power), PWR 2 (Power): P-Fail, Master, per port: LNK/ACT
Dimensions	Width: 2.35" [59.6 mm] Depth: 4.13" [105 mm] Height: 5.98" [152 mm]
Power Consumption	12.21 Watts (max.)
Power Input	12 - 48 VDC; 24 VAC (18-30 VAC) redundant power with reverse polarity protection and removable terminal block
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	2.8 lbs. [1.27 kg]
MTBF	289,385 hrs
Compliance	Safety: UL508, Class 1 Div 2 CE FCC Class A, CE Mark, 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 EN61000-3-2, CE EN61000-3-3, CE EN61000-6-2, CE EN61000-6-4
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