

Unmanaged Hardened Gigabit Ethernet Switch

(8) 10/100/1000Base-T Ports + (2) 100/1000Base-X SFP Slots



This switch is an unmanaged full Gigabit Ethernet hardened switch that has (8) 10/100/1000Base-T ports with (2) 100/1000 dual speed SFP slots. The SISTG1040-282-LRT can be used at the edge of a hardened network to provide Gigabit Ethernet connections in hazardous locations. The two fiber uplink ports can also be used in a daisy chain for maximum network reliability. It has redundant input power connections 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.

Ordering Information

SISTG1040-282-LRT

(8) 10/100/1000Base-T [100 m/328 ft.] ports + (2) 100/1000Base-X SFP slots (Din Rail Bracket included)

Optional Accessories (sold separately)

SFP Modules

OCA-P181610

18x16x10" Polycarbonate Enclosure

Industrial Power Supplies (sold separately)

25135

Input: 85 -264VAC, 120-370VDC
Output: 24VDC, 10Watts, -20°C to +70°C

25130

Input: 88 -264VAC, 120-370VDC
Output: 48VDC, 39.8Watts, -20°C to +70°C

Mounting Brackets (sold separately)

WMBH-01

Wall Mount Bracket

DRBH-01

Din Rail Bracket

Features

- Support Jumbo Frame up to 9K bytes
- Layer 2 wire-speed switching engine
- Ruggedized metal closure
- IEEE 802.3az Energy Efficient Ethernet
- Fan-less design
- Wide operating temperature range (-40°C to +75°C)
- Dual Power input
- Din Rail and Wall Mount options

Specifications

| | |
|--------------------|--|
| Standards | IEEE 802.3 IEEE 802.3u IEEE 802.3z IEEE 802.3ae IEEE 802.3x IEEE 802.1p IEEE 802.3az |
| Protocols | CSMA/CD |
| Technology | Store-and-forward switching architecture |
| Switching Capacity | 20 Gbps |
| Connectors | (8) 10/100/1000Base-T RJ-45 ports (2) 100/1000Base-X SFP slots |
| MAC Address | 4K MAC address table |
| Status LEDs | System, Power1, Power2, Port Status |
| Dimensions | Width: 1.7" [44 mm] Depth: 5.1" [130 mm] Height: 5.3" [135 mm] |
| Reset button | Reset the switch |
| Power Input | +12 to +48VDC or -12 to -48VDC; Redundant input; reverse power protection |
| Power Consumption | 5.8 Watts |
| Ingress Protection | IP30 |
| Environment | Operating: -40°C to +75°C Humidity: 5% to 95% (non-condensing) |
| Weight | 0.86 lbs. [0.39 kg] |
| Compliance | UL Class 1 / Div 2; EMI: CE, FCC Part 15; Safety: EN60950 |
| Warranty | 5 Years |