

## Unmanaged Hardened Gigabit Ethernet PoE+ Switch

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



This switch is an unmanaged full Gigabit Ethernet hardened PoE+ switch that complies with IEEE 802.3at and IEEE 802.3af. The switch has (8) 10/100/1000Base-T PoE+ ports with (2) 100/1000 dual speed SFP slots. It can deliver up to 30 Watts on each PoE+ port simultaneously. The SISTP1040-382-LRT can be used at the edge of a hardened network to provide connections for PoE devices 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

#### SISTP1040-382-LRT

(8) 10/100/1000Base-T PoE+  
[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)

##### 25104

Input: 85-264 VAC, 124-370 VDC  
Output: 48~55 VDC, 5.0A, 240 Watts

##### 25105

Input: 85-264 VAC, 124-370 VDC  
Output: 48~55 VDC, 2.5A, 120 Watts

#### 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

### PoE Features

- IEEE 802.3at compliant
- IEEE 802.3af compliant

### Specifications

|                     |  |
|---------------------|--|
| Standards           | IEEE 802.3<br>IEEE 802.3u<br>IEEE 802.3z<br>IEEE 802.3ae<br>IEEE 802.3x<br>IEEE 802.1p<br>IEEE 802.3az<br>IEEE 802.3af<br>IEEE 802.3at |
| Protocols           | CSMA/CD  |
| Technology          | Store-and-forward switching architecture   |
| Switching Capacity  | 20 Gbps  |
| Connectors          | (8) 10/100/1000Base-T RJ-45 ports<br>(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]<br>Depth: 5.1" [130 mm]<br>Height: 5.3" [135 mm]   |
| Reset button        | Reset the switch   |
| Power Input         | 48-57 VDC; Redundant input;<br>reverse power protection  |
| Power-over-Ethernet | Total PoE Budget: 240 Watts<br>30 Watts on all 8 ports simultaneously  |
| Ingress Protection  | IP30   |
| Environment         | Operating: -40°C to +75°C<br>Humidity: 5% to 95% (non-condensing)  |
| Weight              | 1.01 lbs. [0.46 kg]  |
| Certifications      | UL Class 1 / Div 2; EMI: CE, FCC Part 15;<br>Safety: IEC62368-1/EN62368-1  |
| Warranty            | 5 Years  |

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