

## Unmanaged Hardened Gigabit Ethernet PoE+ Switch

(4) 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 (4) 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 SISTP1040-342-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.

### 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 IEEE 802.3u IEEE 802.3z IEEE 802.3ae IEEE 802.3x IEEE 802.1p IEEE 802.3az IEEE 802.3af IEEE 802.3at
Protocols	CSMA/CD
Technology	Store-and-forward switching architecture
Switching Capacity	12 Gbps
Connectors	(4) 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	48-57 VDC; Redundant input; reverse power protection
Power Consumption	4.4 Watts (without PoE)
Power-over-Ethernet	Total PoE Budget: 120 Watts 30 Watts on all 4 ports simultaneously
Ingress Protection	IP30
Environment	Operating: -40°C to +75°C Humidity: 5% to 95% (non-condensing)
Weight	0.95 lbs. [0.43 kg]
Certifications	UL Class 1 / Div 2; EMI: CE, FCC Part 15; Safety: IEC62368-1/EN62368-1
Warranty	5 Years

### Ordering Information

#### SISTP1040-342-LRT

(4) 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)

##### 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

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Lantronix:](#)

[SISTP1040-342-LRT](#)