

## Unmanaged Hardened Gigabit Ethernet PoE++ Switch

(4) 10/100/1000Base-T PoE++ Ports + (1) 10/100/1000Base-T Port + (1) 100/1000Base-X SFP Slot



This switch is an unmanaged full Gigabit Ethernet hardened PoE++ switch that complies with IEEE 802.3bt, IEEE 802.3at and IEEE 802.3af. The switch has (4) 10/100/1000Base-T PoE++ ports, (1) 10/100/1000Base-T port with (1) 100/1000 dual speed SFP slot. It can deliver up to 90 Watts on each PoE++ port simultaneously. The SISTP1040-551-LRT can be used to power PoE lighting, high powered IP cameras and digital signage in hazardous locations. It has redundant input power connections to ensure safe reliable operation in temperatures between -40°C and +75°C.

### Features

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

### PoE Features

- IEEE 802.3bt compliant
- IEEE 802.3at compliant
- IEEE 802.3af compliant

### Specifications

Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3z IEEE 802.3x IEEE 802.1p IEEE 802.3af IEEE 802.3at IEEE 802.3bt
Protocols	CSMA/CD
Technology	Store-and-forward switching architecture
Switching Capacity	12 Gbps
Connectors	(5) 10/100/1000Base-T RJ-45 ports (1) 100/1000Base-X SFP slot
MAC Address	2K MAC address table
Status LEDs	Power, Ethernet port, PoE
DIP Switches	SW1 (Power): Power alarm On/Off SW2 (broadcast): broadcast storm limit ON/Off SW3 (Jumbo): Jumbo Frame Support On/Off SW4 (PoE): On - PoH Mode, OFF- 802.3bt Mode SW5: (LPT) PSE LPT On/Off
Dimensions	Width: 2.4" [62 mm] Depth: 5.1" [130 mm] Height: 4.1" [105 mm]
Reset button	Reset the switch
Power Input	48-57 VDC; Redundant input; reverse power protection; 54 - 57VDC for PoE++
Power Consumption	5 Watts (without PoE)
Power-over-Ethernet	Total PoE Budget: 360 Watts 90 Watts on all 4 ports simultaneously
Ingress Protection	IP30
Environment	Operating: -40°C to +75°C Humidity: 5% to 95% (non-condensing)
Weight	2.10 lbs [0.95 kg]
MTBF	> 25 years
Certifications	EMI: CE, FCC Part 15; Safety: EN62368-1, UL62368-1
Warranty	5 Years

### Ordering Information

#### SISTP1040-551-LRT

(4) 10/100/1000Base-T PoE++  
[100 m/328 ft.] ports  
+ (1) 10/100/1000Base-T  
[100 m/328 ft.] port  
+ (1) 100/1000Base-X SFP slot (empty)  
(Din Rail Bracket included)

#### Optional Accessories (sold separately)

##### SFP Modules

#### OCA-P181610

18x16x10" Polycarbonate Enclosure

#### Industrial Power Supplies (sold separately)

#### 25160

Input 90-264 VAC, 127-370 VDC  
Output: 48 ~ 55 VDC, 10A, 480 Watts