

# SISTP1010-380-LRT-B

## Unmanaged Hardened Gigabit PoE(+) Ethernet Switch

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



The SISTP1010-380-LRT accepts 24VDC power input and provides 8 PoE capable ports. The switch has a 120 Watt PoE power budget that can be utilized over all 8 ports. This switch has been tested and certified for shock and vibration tolerance and is suitable for use in mobile applications in logistics or commuter transportation in temperatures between -40°C and +70°C.

Transition Networks' hardened switches are certified to operate reliably in harsh environments such as those found on factory floors, outdoor enclosures or other challenging environments.

### Features

- Provides 8x10/100/1000Base-T(X) PoE (P.S.E.) ports based on IEEE 802.3at standard
- Supports dual wide range 24~36VDC power inputs for power redundancy
- Auto-MDI/MDIX
- Auto-negotiation
- Extended operating temperature (-40°C to 70°C)
- Dry Contact Relay Alarm Output
- Overload Current Protection
- DIN Rail Mounting and Wall Mount Brackets Included
- E-Mark Certified

### Specifications

Standards	IEEE 802.3™ IEEE 802.3x IEEE 802.3u IEEE 802.3ab IEEE 802.3at
Status LEDs	PWR 1 (Power): ON = primary power connected; PWR 2 (Power): ON = backup power connected; FAULT (Amber): ON = power input failure on PWR1 or PWR2; POE Indicator (ports 1-8): GRN = POE power injected LNK/ACT (ports 1-8): GRN = Link/Act;
DIP Switch	Power-1 failed warning: (ON) enable, (OFF) disable Power-2 failed warning: (ON) enable, (OFF) disable
Dimensions	Width: 1.6" [41 mm] Depth: 3.7" [95 mm] Height: 5.68" [144.3 mm]
Weight	1.0 lbs. [0.45 kg]
Input Power	24 – 36 VDC; redundant inputs
Power Output	120 Watts max: 30w for any four ports simultaneously 15w for all eight ports simultaneously
Power Consumption	7.8 watts (without PoE)
Environment	-Operating: -40°C to 70°C Humidity: 5%– 95% humidity (non-condensing) Storage -40° to 85°C Altitude: 0 – 10,000 ft.
Ingress Protection	IP30
Compliance	Safety: EN60950-1, E-Mark Certified (Pending) Emissions: CISPR (EN55022); FCC Part 15 Class A; CE Mark; Immunity: EN61000-4-2(ESD); EN61000-4-3(RS); EN-61000-4-4(EFT); EN61000-4-5(Surge); EN61000-4-6(CS); CE EN61000-4-8; IEC60068-2-32 (Free fall); IEC60068-2-27 (Shock); IEC60068-2-6 (Vibration)
Warranty	Lifetime



### Ordering Information

#### SISTP1010-380-LRT-B

(8) 10/100/1000BASE-T (RJ-45)

[100 m/328 ft.] PSE

Optional Accessories (sold separately)

#### External AC/DC Power Supply

25079 24~28 VDC 120W

(See page 33 for details)