

Unmanaged Hardened PoE+ Injector/Converter

(1) 100/1000Base-X SFP Slot + (2) 10/100/1000Base-T PoE+ Ports



The SI-IES-121D-LRT is a (3) port unmanaged hardened PoE+ injector / converter that adds up to 30 Watts of power from its (2) PoE+ ports onto 2 network segments. The gigabit speed SFP slot provides the ultimate flexibility by allowing fiber SFP uplink ports with varying communication distances.

Features

- IEEE 802.3at PoE+ to supply 30 Watts per port
- Supports IEEE 802.3af
- Supports dual speed for SFP slot
- Non-blocking architecture
- Compact, space saving size
- IP31 housing protection
- Link Pass Through
- Extended operating temperature (-40°C to 75°C)
- DIN Rail mount / optional wall mount brackets included
- Full/half-duplex flow control
- Auto-MDI/MDIX
- Auto-Negotiation
- Store-and-forward transmission
- 10K byte jumbo frames

Specifications

Standards	IEEE 802.3 IEEE 802.3x IEEE 802.3at IEEE 802.3af	IEEE 802.3u IEEE 802.3ab IEEE 802.3z
Max Frame Size	10K byte jumbo frames	
Connectors	(1) DATA IN 100/1000Base-X SFP Ethernet Port (2) DATA OUT 10/100/1000Base-T PoE+ RJ-45 Ethernet Port 30 Watts	
Status LEDs	Copper Port: Link/ACT Copper Port: Gigabit Transmission SFP Port: Link/ACT PoE Power Input Power	
Dimensions	Width: 1.44" [36.7 mm] Depth: 3.72" [94.5 mm] Height: 4.26" [108.4 mm]	
Power Consumption	3.53 Watts (No PoE) 63.5 Watts (2 ports PoE)	
Power Input	48-57VDC Higher Voltage (50-53VDC) may be required for some high powered PD loads	
Ingress Protection	IP31	
Environment	Operating: -40°C to 75°C Storage: -40°C to 85°C Humidity: 10% to 95% (non-condensing) Altitude: 0 – 10,000 ft.	
Weight	1.3 lbs. [0.59 kg]	
MTBF	717,339 Hours Bellcore Ground Benign, Controlled; Temp 30°C 613,639 Hours Bellcore Ground Fixed, Uncontrolled; Temp 30°C	
Certifications	Safety: UL508, Class 1, Division 2, Groups A, B, C, and D Hazardous Locations, CE Mark, FCC Class A, EN55011, EN55022/EN61000-6-4 (EMC), EN55024/EN61000-6-2 (Immunity), EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6(CS), EN61000-4-8 (Magnetic Field), IEC60068-2-27(Shock), IEC60068-2-32 (Free fall), IEC60068-2-6 (Vibration)	
Warranty	Lifetime	

Ordering Information

SI-IES-121D-LRT
(1) 100/1000Base-X SFP port
+ (2) 10/100/1000Base-T PoE+ ports

Optional Accessories (sold separately)

SFP Modules

OCA-P181610
18x16x10" Polycarbonate Enclosure

Industrial Power Supplies:
(sold separately)

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Input: 88-264VAC, 124-370VDC
Output: 48-55VDC, 1.6A, 76.88 Watts