

## Unmanaged Hardened PoE+ Injector (1) 10/100/1000Base-T Port + (1) 10/100/1000Base-T PoE+ Port

The SI-IES-1200-LRT is an unmanaged hardened PoE+ injector that adds up to 30 Watts of power on a network segment. Injectors are commonly used to power PoE devices in locations where a power source does not exist. The injector has redundant input power connections, and a fault alarm relay to ensure safe reliable operation in temperatures between -40°C and +75°C.

Lantronix's hardened PoE injectors are certified to operate reliably in harsh environments such as those found on factory floors, outdoor enclosures or other challenging environments.



### Key Features

- IEEE 802.3at PoE+ to supply 30 Watts
- Supports IEEE 802.3af
- Non-blocking architecture
- Compact size
- IP30 housing protection
- Link Pass Through
- Extended operating temperature (-40°C to +75°C)
- DIN Rail mount / optional wall mount brackets included

### Specifications

Standards	IEEE 802.3 IEEE 802.3u IEEE 802.3ab IEEE 802.3at IEEE 802.3af
Connectors	(1) DATA IN RJ-45 Ethernet Port (1) DATA OUT PoE+ RJ-45 Ethernet Port 30 Watts
Status LEDs	PWR1 (Power): ON=primary power connected PWR2 (Power): ON=backup power connected
Dimensions	Width: 1.2" [30 mm] Depth: 3.7" [95 mm] Height: 5.5" [140 mm]
Power Consumption	3.53 Watts (No PoE) 33.36 Watts (1 port PoE)
Power Input	24-48VDC
Ingress Protection	IP30
Environment	Operating: -40°C to +75°C Storage: -40°C to +85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	1.3 lbs. [0.59 kg]
MTBF	8,371,781 hours Bellcore Ground Benign, Controlled; Temp. 30°C 4,185,891 hours Bellcore Ground Fixed, Uncontrolled; Temp. 30°C
Certifications	Safety: UL508 FCC Class A, CE Mark, EN61000-4, EN61000-6-2, 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-1200-LRT**  
(1) 10/100/1000Base-T port +  
(1) 10/100/1000Base-T PoE+ port

#### Optional Accessories (sold separately)

**OCA-P181610**  
18x16x10" Polycarbonate Enclosure

#### Industrial Power Supplies (sold separately)

**25130**  
Input: 85-264VAC, 120-370VDC  
Output: 48VDC, .83A, 39.8 Watts