

# SI-IES-1200-LRT

## 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.

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

### Ordering Information

#### SI-IES-1200-LRT

(1) 10/100/1000Base-T Port  
+ (1) 10/100/1000Base-T PoE+ Port

Optional Accessories (sold separately)

Industrial Power Supplies:

#### 25130

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

### Features

- IEEE 802.3at PoE+ to supply 30 Watts
- IEEE 802.3af Compatible
- 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<br>IEEE 802.3u<br>IEEE 802.3ab<br>IEEE 802.3at<br>IEEE 802.3af                                                                                                                                                                                                                |
| Connectors         | (1) DATA IN RJ-45 Ethernet Port<br>(1) DATA OUT PoE+ RJ-45 Ethernet Port 30 Watts                                                                                                                                                                                                        |
| Status LEDs        | PWR1 (Power): ON=primary power connected<br>PWR2 (Power): ON=backup power connected                                                                                                                                                                                                      |
| Dimensions         | Width: 1.2" [30 mm]<br>Depth: 3.7" [95 mm]<br>Height: 5.5" [140 mm]                                                                                                                                                                                                                      |
| Power Consumption  | 3.53 Watts (No PoE)<br>33.36 Watts (1 port PoE)                                                                                                                                                                                                                                          |
| Power Input        | 24-48VDC                                                                                                                                                                                                                                                                                 |
| Ingress Protection | IP30                                                                                                                                                                                                                                                                                     |
| Environment        | Operating: -40°C to 75°C<br>Storage: -40°C to 85°C<br>Humidity: 5% to 95% (non-condensing)<br>Altitude: 0 – 10,000 ft.                                                                                                                                                                   |
| Weight             | 1.3 lbs. [0.59 kg]                                                                                                                                                                                                                                                                       |
| Compliance         | Safety: UL508<br>FCC Class A, CE Mark, EN61000-4,<br>EN61000-6-2, EN61000-4-2 (ESD),<br>EN61000-4-3 (RS), EN61000-4-4 (EFT),<br>EN61000-4-5 (Surge), EN61000-4-6(CS)<br>EN61000-4-8 (Magnetic Field),<br>IEC60068-2-27(Shock),<br>IEC60068-2-32 (Free fall),<br>IEC60068-2-6 (Vibration) |
| Warranty           | Lifetime                                                                                                                                                                                                                                                                                 |