

## (1) Port PoE+ Mid-Span Injector

Media Converters



Transition Networks' L1000i-at is a 1-port 10/100/1000Base-T PoE+ mid-span injector which provides a simple, cost-effective, fully IEEE 802.3at compliant solution to upgrade existing infrastructure with PoE+. Powering high-powered PoE+ enabled network devices, such as PTZ dome network cameras, can be done without the need to install power outlets and electrical cabling.

PoE technology allows IP phones, wireless access points, and security network cameras to receive power, along with data, over standard Ethernet cables, leaving the network

infrastructure completely unaltered. PoE technology also allows for easier installation in areas where power cabling and outlets are unavailable, thereby reducing installation costs.

Mid-span injectors offer users the ability to take advantage of PoE technology while protecting investments they've made in purchasing, configuring, and deploying non-PoE supported devices such as standard Ethernet switches.

### Features

- Power-over-Ethernet Injector for 10/100/1000Base-T
- Remote Power Feeding
- Overload and short circuit protection
- Mixes Ethernet and power on the RJ-45 port
- Delivers power up to 100 meters
- Light weight and compact size
- Plug-and-play
- IEEE 802.3at and IEEE 802.3af compliant

### Specifications

Standards	IEEE 802.3 IEEE 802.3U IEEE 802.3ab IEEE 802.3af IEEE 802.3at
Ports	(1) DATA IN RJ-45 Ethernet Port (1) DATA OUT PoE Injector RJ-45 Ethernet Port
Status LEDs	AC Power Feeding Power
Cable Requirements	10Base-T: 2-pair UTP/STP Cat.3,4,5 cable EIA/TIA-568 100-ohm(100 m) 100Base-TX: 2-pair UTP/STP Cat.5 cable (Cat. 5e recommended); EIA/ TIA-568 100-ohm(100 m) 1000Base-T: 4-pair UTP/STP Cat.5e or above cable; EIA/TIA-568 100-ohm, 100m
Dimensions	Width: 2.65" [65 mm] Depth: 5.51" [140 mm] Height: 1.42" [36 mm]
Power Input	AC input voltage range: 100 – 240 VAC; 50 – 60Hz 0.72A
Power Output	55V @ 0.6A
Environment	Operating: 0°C to 40°C Storage: -40°C to 70°C
Weight	1 lb. [0.45 kg]
MTBF	116,685 MIL-HDBK-217F hrs.
Certifications	Safety: UL, cUL, CE/EN60950-1 Emissions: FCC Class B, CE Mark
Warranty	Lifetime

### Ordering Information

**L1000i-at**  
(1) 10/100/1000Base-T port PoE+ Injector

#### Power Cord Included

To order the corresponding country specific power cord, add the extension from the list below to the end of the SKU  
Ex: L1000i-at-NA

#### -NA = Country Code

- NA = North America
- LA = Latin America
- EU = Europe
- UK = United Kingdom
- SA = South Africa
- JP = Japan
- OZ = Australia
- BR = Brazil