

Transition Networks PoE Injector

# L1000i-at

## 1-port PoE+ mid-span Injector



### 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
- ▶ IEEE802.3at and IEEE802.3af compliant

### Best Way to Bring Power to Your Network

Transition Networks' L1000i-at is a 1-port 10/100/1000Base-T PoE+ midspan injector which provides a simple, cost-effective, fully IEEE802.3at 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 network infrastructure completely unaltered. PoE technology also allows for easier installation in areas where power cabling and outlets are unavailable, thereby reducing installation costs.

Midspan 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.

### Specifications

Standards	IEEE 802.3 10Base-T IEEE 802.3U 100Base-TX IEEE 802.3ab 1000Base-T IEEE 802.3af Power over Ethernet (12.95W) IEEE 802.3at Power over Ethernet (25.5W)
LEDs	<b>AC Power Feeding Power</b>
Ports	(1) DATA IN RJ-45 Ethernet Port (1) DATA OUT PoE Injector RJ-45 Ethernet Port
Cable Requirements	<b>10BASE-T:</b> 2-pair UTP/STP Cat.3,4,5 cable EIA/TIA-568 100-ohm(100 m) <b>100BASE-TX:</b> 2-pair UTP/STP Cat.5 cable (Cat. 5e recommended); EIA/TIA-568 100-ohm(100 m) <b>1000Base-T:</b> 4-pair UTP/STP Cat.5e or above cable; EIA/TIA-568 100-ohm, 100m
Weight	1 lb. (454 g) approximately
Dimensions	<b>Width:</b> 2.65" (65mm) <b>Depth:</b> 5.51" (140mm) <b>Height:</b> 1.42" (36mm)
Input Power	AC input voltage range: 100 – 240 VAC; 50 – 60Hz 0.72A
Output Power	55V @ 0.6A
Operating Environment	0°C to 40°C (32°F to 104°F)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
EMI and Safety	FCC Clas B, CE Mark, UL, cUL, CE/EN60950-1
Warranty	Lifetime

### Ordering Information

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

