

**Industrial Hardened Gigabit 95W PoE++ Injector**[www.e-linkchina.com](http://www.e-linkchina.com)**Model: LNK-INJ-48-95W Series****Overview**

The LNK-INJ-48-95W product is an Industrial hardened Gigabit single-port PoE+ IEEE 802.3at / LTPoE++ 95W 10/100/1000Base-TX PoE Injector. It allows you to connect the PoE device such as camera and access point with a non PoE LAN switch within the distance of 100m. Both the Ethernet port (to switch) and the PoE Out port (to PoE device) support 10/100/1000Base-T and are compliant with IEEE 802.3ab. It provides 95W PoE output.

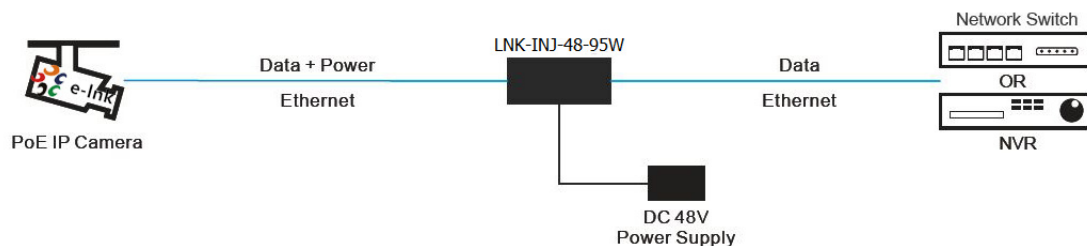
## Features

- 1 RJ45 Ethernet Data Input Port + 1 RJ45 Power over Ethernet Output Port (Data + Power)
- Support 95W LTPoE++ Power Sourcing Equipment
- Compatible IEEE802.3at PoE+
- Support 10/100/1000Base-TX
- Extensive LED indicators for PoE diagnostics
- 48~57VDC Terminal Block Power inputs
- Supports DIN-Rail and Wall-mount installation
- Environmentally Hardened -40°C to 80°C (-40°F to 176°F) operating temperature

## Warranty

- 5-Year Warranty

## Typical Application



## Technical Indexes

<b>Ethernet</b>	
Standards:	IEEE802.3i 10 BASE-T, IEEE802.3u 100 BASE-TX, IEEE 802.3ab Gigabit Ethernet
	IEEE802.3 x Flow Control
Processing Type:	Forward
	Half-duplex, Full-duplex
Forward Filter Rate:	1,488,000pps (1000Mbps)
Cabling:	1000Base-T: Cat5 or above
Maximum Distance:	Cat5 UTP up to 100m
Connector:	2x RJ45
<b>Environmental</b>	

Operating Temperature:	-40°C to 80°C (-40°F to 176°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)
Relative Humidity:	5% to 95% non-condensing
MTBF:	>200,000hrs
<b>Electrical and Mechanical</b>	
Input Power:	48~57VDC (Terminal Block)
Power Consumption:	100W Max.
PoE:	
Standard:	Data provide over pairs 1,2TX and 3,6RX
	Power over spare pairs 1,2,4,5(+) and 3,6,7,8(-)
Max. Power per Port:	95W Max per port (Alternative B Mode)
LED Indicators:	
Power:	Power Status
PoE:	PoE Status
Dimensions (WxDxH):	95 x 70 x 30 mm
Weight:	0.25Kg
Casing:	Aluminum Case
Mounting Options:	DIN-Rail / Wall-mount
<b>Regulatory Approvals</b>	
ISO9001	
FCC part 15, Class A	
EN55022:2006+A1: 2007 Class A	
Surge Protection:	
RJ45: 1KV	
Power: 500W	
ESD: 4KV/8KV	

## **Ordering Information**

Model	Description
LNK-INJ-48-95W	Hardened Gigabit 1-port Ethernet Input + 1-port PoE+ Output Injector
Mounting Options	▶ Default DIN-Rail Bracket installed, Wall Mount Bracket is included.
Power Options	▶ 120W/2.5A 48VDC Power Supply. Open Wire for Terminal Block ▶ Power Supply is to be purchased separately.