

10/100/1000M PoE Injector IEEE802.3at 30W

Features

- ▶ Up to 30W of PoE Power
- ▶ Compliant with IEEE802.3af/at Standard
- ▶ Support 10/100/1000Base-T
- ▶ Compliant with Limited Power Source (LPS)
- ▶ High Efficiency > 85%
- ▶ Low No Load Power Consumption < 0.5W
- ▶ Provide 2 LED indicators include Power LED(Green) and PoE LED(Orange)
- ▶ Over-Voltage/Load/Temperature & Short Circuit protections
- ▶ Plug & Play, no configuration required
- ▶ Safe and Reliable Power to WLAN Access Points
- ▶ Automatic Detection and Protection of Non-standard Ethernet Terminals
- ▶ Injects 48V DC through a CAT 5 cable, use all 2/4 pairs into remote devices such as wireless AP, IP phone, web camera and other functions

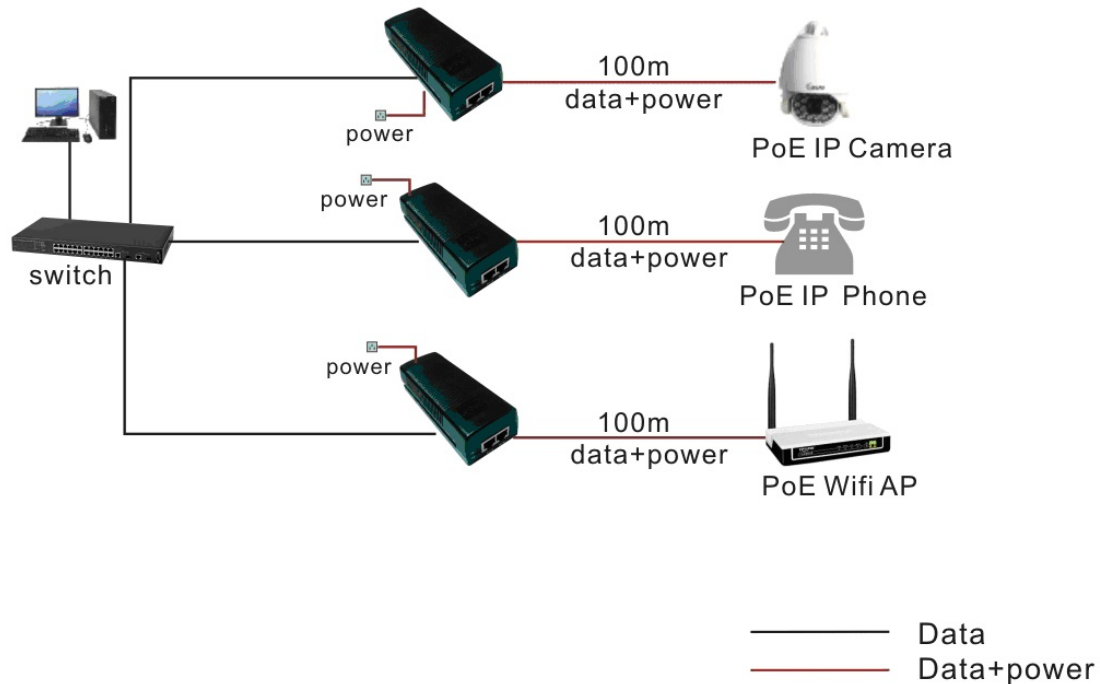


Overview

LNK-POE300AT 30W – 48V Gigabit PoE Injector is a long-distance driving, fast network performing, strong PoE Output IEEE802.3af/at certified midspan. It is a single port indoor PoE injector that can provide up to 30W based on the IEEE 802.3af/at standard.

The midspans are ideal to power 802.11 access points, pan-tilt-zoom (PTZ) and dome cameras, IP videophones, thin clients and other power Ethernet end terminals with 30W of power. The solutions support IEEE 802.3af/at powered devices and are also backward compatible and safe to use with any IEEE 802.3af/at terminal. With plug and-play installation, they are easy and cost effective to implement leveraging existing Ethernet infrastructure while at the same time providing the assurance of a future proof network.

Application



Technical Indexes

Ethernet	
Standards:	IEEE 802.3 10Base-T Ethernet
	IEEE 802.3u 100Base-TX Fast Ethernet
	IEEE 802.3ab 1000Base-T Gigabit Ethernet
Processing Type:	Forward
	Half-duplex, Full-duplex
Forward Filter Rate:	1,488,000pps (1000Mbps)
Cabling:	10/100/1000Base-T: Cat5 or above
Maximum Distance:	IEEE802.3af/at PoE (30W): 2/4-pair UTP Cat. 3, 4, 5, up to 100m (328ft)
Connector:	LAN: 1 x RJ-45 STP, "Data" Input Port POE: 1 x RJ-45 STP, "Data + Power" Output Port AC Connector: 1 x AC Input power socket, IEC-60320 C13
Environmental	
Operating Temperature:	-10°C to 50°C (14°F to 122°F)
Storage Temperature:	-20°C to 70°C (-4°F to 158°F)
Relative Humidity:	5% to 95% non-condensing
MTBF:	>200,000hrs
Electrical and Mechanical	
Input Voltage Range:	100-240V AC @50/60Hz.
Output Voltage:	DC 48V
Power Consumption:	30 watts max.
PoE (Power over Ethernet)	

Standard:	IEEE 802.3af
	IEEE 802.3at
Port:	RJ45
Pin Assignment	Data/Power provide over pairs 1/2(+) and 3/6(-) Power over spare pairs 4/5(+) and 7/8(-)
PoE Power Output	DC 48V/30-watt PoE via 2-pairs
LED Indicators	
Power:	Power Status
PoE:	PoE Status
Dimensions (W×D×H):	145 x 58 x 39mm
Weight:	0.25Kg
Casing:	Plastic Case
Mounting Options:	Desktop
Regulatory Approvals	
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-POE300AT	PoE Injector with Power Cord: 10/100/1000Mbps, IEEE 802.3at 30W

Mechanical (Unit: mm)

