

LT107E-POE

Single Port PoE Injector

LT107E-POE is a Single Port PoE Injector designed to convert a regular Ethernet signal into a standard Power over Ethernet (PoE) signal.

The primary purpose of the LT107E-POE Single Port PoE Injector is to enable PoE connectivity for compatible devices, particularly where the connecting network equipment (like an Ethernet switch) does not support PoE. This device supports the IEEE802.3af standard, ensuring stable and reliable PoE power transmission.

Key Features

- Converts standard Ethernet to PoE without requiring a PoE switch
- Ideal for expanding PoE support in legacy networks
- Cost-effective solution for remote device installation
- Quiet, fanless operation for noise-sensitive environments
- LED indicators for power and PoE status monitoring

Applications

- Powers single IP cameras in offices, homes, and commercial spaces
- Provides reliable power and data for desk phones
- Ideal for single-device PoE installations where separate power sources are unavailable

Installations

1. Use a network cable to connect POE IP camera with POE OUT port on your Single Port PoE Injector.
2. Use another network cable to connect DATA IN of Single Port PoE Injector with Ethernet switch/other device not supporting PoE.
3. Your installation is now ready for Power up: Connect AC Power Line.



Turn OFF signal source and the device's power as installation with power ON may result in damaging the device.

Specifications

LT107E-POE	
Power	AC100V ~ AC240V @ 50/60 Hz
Power Rate	≤15.4
Transmission Media	CAT5/5e/6 Cable
Standard	IEEE802.3af
Protection	Wide voltage AC Input, Strong Lightning Protection, ESD, anti-interfere
Structure	Support for Tablet and wallet installation
	2 sets of PoE injector can connect with the bayonet
Package	
1	Single Port PoE Injector
1	AC Power Line

Troubleshoot

1. Confirm if the installation steps are completed correctly.
2. Confirm the RJ45 cable used conforms to the EIT/TIA568A or 568B industry standards.
3. The maximum output consumption of the PoE port cannot exceed 15.4W.
4. Replace the failing device with a new one to test if the PoE Injector is defective.

