

Quick Start Guide



Gigabit PoE+ Injector

1 Features

The PoE Injector is a single port POE injector offer a compact and cost effective, It can convert standard 100~240V/AC power into low voltage. DC that runs over existing LAN cable to power up IEEE 802.3af/at. compliant network accessories. Remote powering of wireless LAN (WAN) access points, IP Security cameras, VoIP telephone and other low port density installations.

The POE Mid-spans no need to connect with external power supply and its associated AC/DC power cabling, providing a compact, affordable, safe and reliable power solution over existing Ethernet infrastructure.

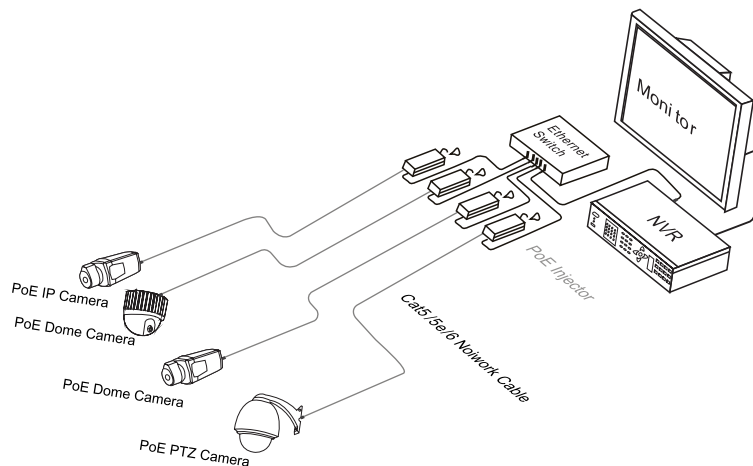
- Up to 30W of Power on 2-pairs.
- Supports 10/100/1000 Base-T applications.
- LED indicators power input and PoE output.
- Internal AC/DC converter no need for external power brick.
- Easy plug-and-play installation.
- Multi-protection features.



Notice: The transmission distance is related to the connected cable. Standard Cat5e/6 network cable and the quality of camera will help maximize the furthest distance possible.

2 Product Introduction

Use PoE Injector with PD to expand your network to where there are no power lines or outlets, where you wish to fix devices such as APs, IP Cameras or IP Phones, etc.



Installation Steps:

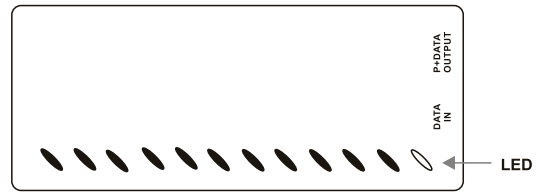
- 1) Use a CAT5 UTP cable to connect port of Ethernet device (network switch, router, etc.) to the Data IN port of PoE+ Injector.
- 2) Connect AC cable to Injector and power outlet.
- 3) Connect the P+Data OUT port to a PD (IP camera, access point, etc.) with CAT5 UTP cable.

3 Specifications

Item	Description
No. of channels	1
Pass Through Data Rates	10/100/1000 Mbps half/full duplex
Power over Ethernet Output	Pin Assignment and Polarity: 1/2 (-), 3/6 (+) Output Power Voltage: 54VDC User Port Power: 30W max
Input Power Requirements	AC Input Voltage: 100 to 240 VAC AC Input Current: 0.5A 100-240 VAC AC Frequency: 50 to 60 Hz
Indicators	System Indicator: AC Power User Indicator: Channel Power
Protection	Over current protection Over load protection Over voltage protection Anti-interference protection
Connectors	Shielded RJ-45, EIA 568A and 568B
Network cables	Outdoor type Shielded category 5e (or higher)
Environment	Indoor or Outdoor
Regulatory Compliance	IEEE 802.3af (15.4W) IEEE 802.3at (30W)
Environmental Conditions	Operating Ambient Temperature: 0 to 40 °C Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: -40 to 70°C Storage Humidity: Maximum 90%, Non-condensing
Dimensions	121mm x 50mm x 36mm

Specification change will not be noticed

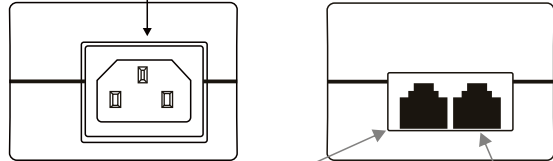
4 Hardware Description



LED

a steady green light indicates that the PoE injector has 100-240V power input.
a steady red light indicates the P+DATA port is powered up.

AC socket, connect with Ac cable.



DATA IN:

Connect to the Ethernet device with CAT5 UTP cable to transmit data.

PoE OUT:

Connect to the camera with UTP cable to supply power.