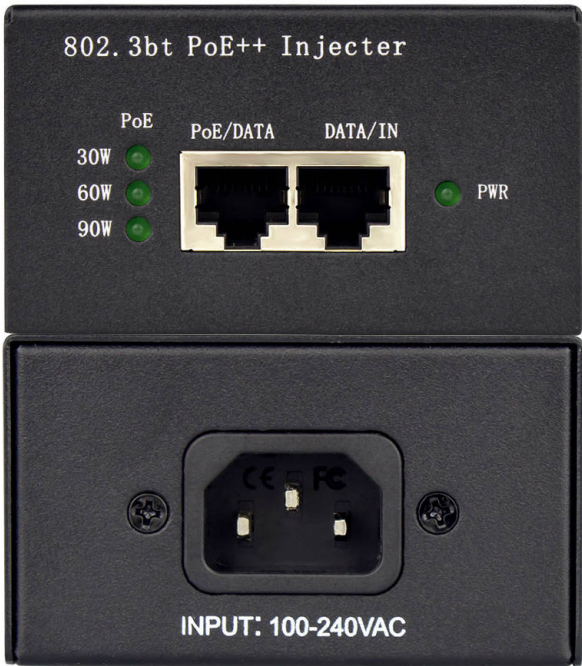


# 1 Channel PoE Injector

## User Manual



**Part Number: MP008632**

## Introduction

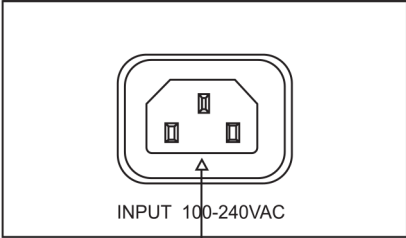
The PoE Injector is a single port PoE injector offer a compact and cost effective, It can convert standard 100V/AC to 240V/AC power into low voltage. DC that runs over existing LAN cable to power up IEEE 802.3af & at & bt compliant network accessories. Remote powering of wireless LAN (WAN) access points,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

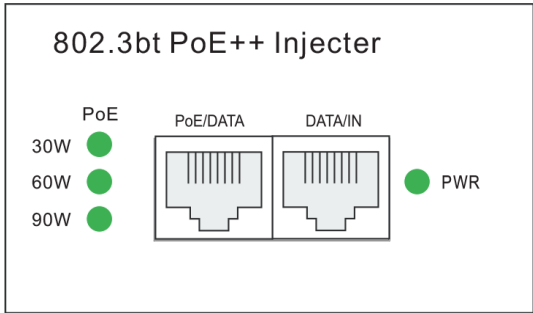
## Features

- Full IEEE 802.3af IEEE 802.3at,IEEE802.3bt Compliant
- Up to 90W of Power on 4-pairs
- Auto-detect of POE IEEE 802.3af IEEE 802.3 at,IEEE 802.3bt equipment
- Supports 10/100/1000 Base-T applications
- LED indicators power input indication
- Distance up to 100 meters
- Internal AC/DC converter – no need for external power modules
- Easy plug-and-play installation
- Surge protection

## Hard Ware Description



AC socket, connect with AC cable .



**DATA IN:**

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

**PoE/DATA:**

Connect to the camera with UTP cable 5 to supply power

**PWR:** Power LED, a steady green light indicates that the PoE injector got 100-240V power input

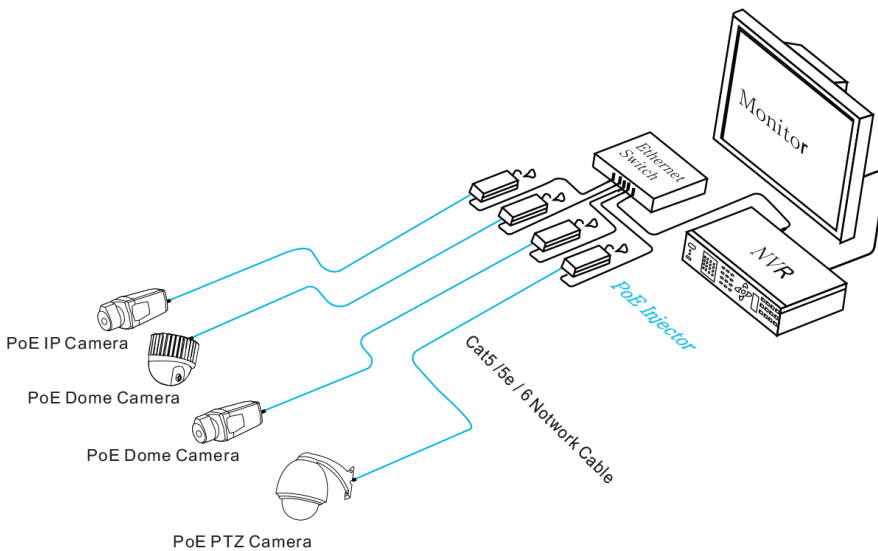
**30W:** When the output power is 0 to 30W, led lights up

**60W:** When the output power is 30 to 60W, led lights up

**90W:** When the output power is 60 to 90W, led lights up

## Application

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.

**Steps:**

1. Use a CAT5 UTP cable to connect port of Ethernet device to the DATA IN port,
2. Connect AC cable with Injector and Socket
3. Connect the PoE OUT port to a PD with CAT5 UTP cable.

## Specification

Item	Description
No. of channels	1
Pass Through Data Rates	10/100/1000Mbps
Power over Ethernet Output	Pin Assignment and Polarity
	1/2(-)3/6(+), 4/5(+)7/8(-)
	Output Power Voltage: 54V DC
	User Port Power: 90W MAX
Input Power Requirements	AC Input Voltage: 100 to 240 V AC
	AC Input Current: 1A 100-240 V AC
	AC Frequency: 50 Hz to 60 Hz
Dimensions	173mm × 83mm × 44mm
Indicators	System indicator: AC Power
	User Indicator: Channel Power
	30W :When the output power is 0W to 30W, led lights up
	60W :When the output power is 30W to 60W, led lights up
	90W :When the output power is 60W to 90W, led lights up
Connectors	Shielded RJ-45, EIA 568A and 568B
Protection	Over current protection
	Over load protection
	Over voltage protection
	Anti-interference protection
Environmental Conditions	Operating Ambient Temperature:0°C to 45°C
	Operating Humidity:
	Maximum 80%, Non-condensing
	Storage Temperature:-20°C to 70°C
	Storage Humidity:
	Maximum 80%, Non-condensing
Regulatory Compliance	IEEE 802.3af (15.4W)
	IEEE 802.3at (30W)
	IEEE802.3bt (90W)

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