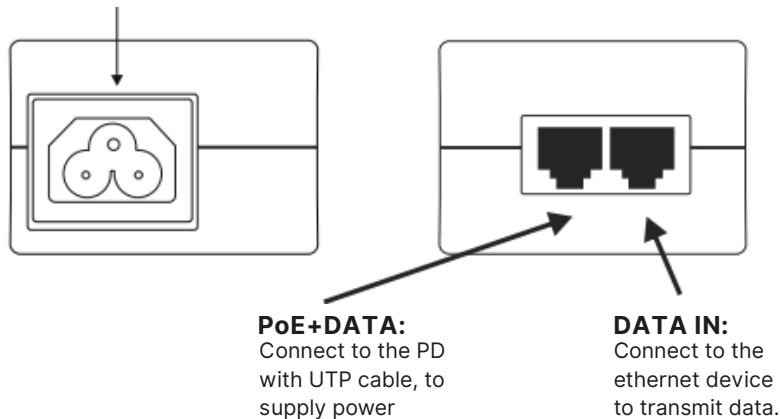


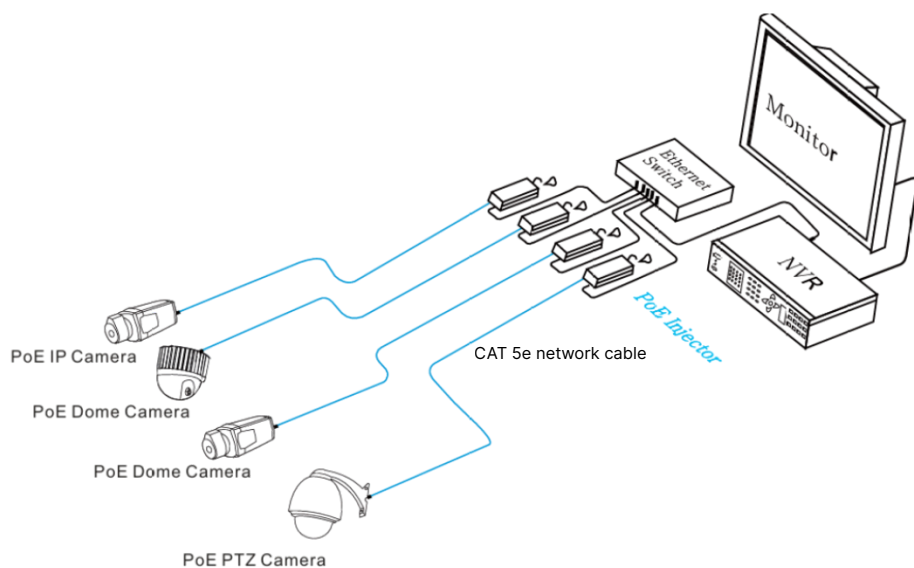
## Hardware Description:

Connect AC power to the socket.



## Application:

Use the PoE injector with PD to expand your network, where there are no power lines or outlets. Use the injector where you need to power passive PoE devices such as AP's, IP Cameras, IP phones, sensors, etc.



## Steps:

1. Use a CAT5e or better UTP cable to connect to the DATA IN port.
2. Connect the AC cord to the back of the injector. Plug in the cord to an AC outlet.
3. Connect the PoE-powered device to the POE PORT with CAT5e or better cable



## Gigabit 48V 24W Passive PoE Injector

*Powering your network infrastructure with efficiency and precision*



## USER MANUAL

TP-POE-48G-24W

[www.tyconsystems.com](http://www.tyconsystems.com)

## Tycon® Gigabit Passive PoE Injector

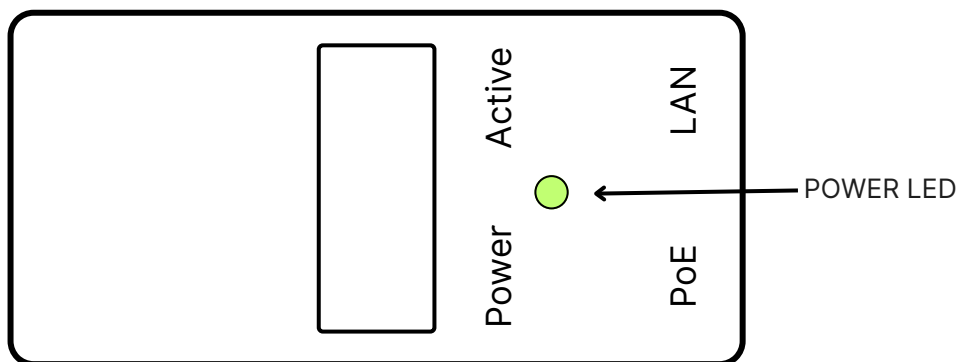
### Description

The Tycon TP-POE-48G-24W injector is a single port passive PoE injector, offering a compact and cost effective option. It can convert standard 100~240 VAC power to low voltage DC. Power runs through up to 100M of Cat5e LAN cable, up to 24W @ 53 VDC, to power non-compliant network accessories. The TP-POE-48G-24W offers remote power for wireless access points, IP security cameras, VoIP phones, and other low power passive PoE devices.

These units offer a compact, reliable power solution for existing Ethernet infrastructure.

### Features

- Up to 24W of power on 2 pairs
- Supports 10/100/1000 Base-T applications
- LED indicator for power input
- Internal AC / DC converter - no external power supply required
- Easy plug-and-play installation
- Multi-protection



### LED

Steady **green** LED Indicates AC Power Input is present

## Specifications:

Item	TP-POE-48G-24W
<b>No. of channels</b>	1
<b>Pass through data rates</b>	10/100/1000Mbps
<b>PoE Output</b>	24W max
<b>PoE Output Pinout</b>	4,5(+) 7,8(-)
<b>PoE Output Voltage</b>	53 VDC
<b>Input Power Requirements</b>	100-240 VAC / 0.5A / 50-60 Hz
<b>Dimentsions</b>	85.2mm x 43.7mm x 30.5mm
<b>Indicators</b>	Green Led = System Power
<b>Connectors</b>	Shielded RJ45, EIA 568A and 568B
<b>Protection</b>	Over current protection
	Over load protection
	Over voltage protection
	Anti-interference protection
<b>Operating Temperature</b>	-4°F to 140°F (-20°C to +60°C)
<b>Storage Temperature</b>	-40°F to 140°F (-40°C to +60°C)
<b>Operating Humidity</b>	0 to 90% RH Non-Condensing
<b>Storage Humidity</b>	0 to 90% RH Non-Condensing