

## Single-port Gigabit PoE Injector

(TN3PIAC)



### OVERVIEW

PoE injector is also called the Ethernet-powered mid-span equipment. The centralized PoE injector is also called the PoE module. The TN3PIAC is an unmanaged gigabit PoE injector. It has 1\*10/100/1000M RJ45 port. RJ45 PoE output port can support IEEE802.3af/at PoE standard, and single-port PoE power reaches 30W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, visual intelligent building intercom through the network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory dormitories, and small and medium-sized enterprises.

Unmanaged models, plug and play, no configuration, simple and convenient to use. PoE injector provides simple, economical, high-performance, intelligent Ethernet PoE power and data communication solutions. It is easy to use, easy to install, superior in performance, and cost-effective. It is an ideal choice for customers to improve project quality. It can expand the traditional power line network, reduce the use of power lines, and effectively reduce the construction cost and maintenance cost of the project under the condition that the power supply cannot be provided at the remote end.

## FEATURE

### **Gigabit Ethernet port (1 Ethernet in and 1 Ethernet out ) easy to connect**

- Using 1 Ethernet in and 1 Ethernet out connection mode, 1\*10/100/1000Mbps RJ45 port convenient connection, and simple maintenance.
- Support non-blocking wire-speed forwarding.

### **Smart PoE power supply function**

- 1\*10/100/1000Base-T RJ45 port support PoE power, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- IEEE 802.3af/at PoE standard, without damaging non-PoE devices.

### **Stable and reliable**

- CCC, CE, FCC, RoHS.
- Support desktop and wall-mounted installation.
- Plug and play, no configuration, simple and convenient.

## TECHNICAL SPECIFICATION

Model	TN3PIAC	TN3PIAC
<b>Interface Characteristics</b>		
<b>Fixed Port</b>	1*10/100/1000M PoE port (Data/Power) 1*10/100/1000M uplink RJ45 port (Data)	
<b>Ethernet Port</b>	10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption	
<b>Twisted Pair Transmission</b>	10BASE-T:Cat3,4,5 UTP(≤100 meter) 100BASE-TX:Cat5 or later UTP(≤100 meter) 1000BASE-T:Cat5e or later UTP(≤100 meter)	
<b>Network Protocol and Indicator</b>		
<b>Network Protocol</b>	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3	
<b>LED Indicator</b>	Power: PWR (Green), POE: PoE (Green)	
<b>PoE &amp; Power Supply</b>		
<b>PoE Port</b>	IEEE802.3af/at @ POE	
<b>Power Supply Pin</b>	Default 1/2(+)/3/6 (-), optional 4/5(+)/7/8(-)	
<b>Max Power Per Port</b>	30W, IEEE802.3af/at	
<b>Total PWR / Input Voltage</b>	18W /(AC100-240V)	35W /(AC100-240V)
<b>Power Consumption</b>	Standby<3W, Full load<15W	Standby<3W, Full load<30W
<b>Configure Power</b>	N/A, AC100-240V 50-60Hz 0.5A	
<b>Physical Parameter</b>		
<b>Operation TEMP / Humidity</b>	-20~+55°C, 5%~90% RH Non condensing	
<b>Storage TEMP / Humidity</b>	-40~+80°C, 5%~95% RH Non condensing	
<b>Dimension (L*W*H)</b>	118.19*52.94 *33.33mm	119.4*61.8*38mm
<b>Net /Gross Weight</b>	<0.18kg /<0.2kg	
<b>Installation</b>	Desktop	
<b>Certification &amp; Warranty</b>		
<b>Lightning Protection</b>	Port lightning protection: 4KV 8/20us, Protection level: IP30	
<b>Certification</b>	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS	
<b>Warranty</b>	1 year, lifelong maintenance.	