Product Datasheet

Single-port Gigabit PoE Injector

(PSE3301AC)

OVERVIEW

PoE injector is also called the Ethernet-powered mid-span equipment. The centralized PoE injector is also called the PoE module. The PSE3301AC 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.
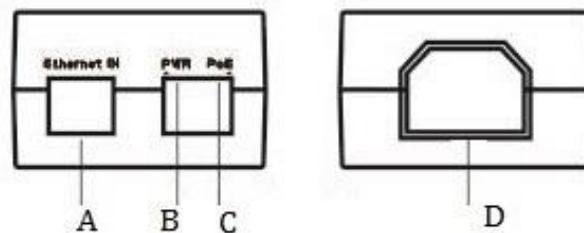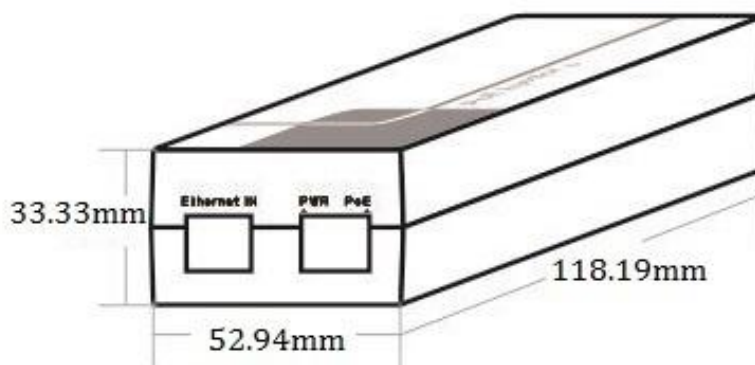
■ **Stable and reliable**

◇ CCC, CE, FCC, RoHS.

◇ Support desktop and wall-mounted installation.

◇ Plug and play, no configuration, simple and convenient.

◇ The user-friendly panel can show the device status through the LED indicator of PWR, PoE.

◇ Low power consumption, no fan design, the flame-retardant plastic shell is exquisite and beautiful.

◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

TECHNICAL SPECIFICATION

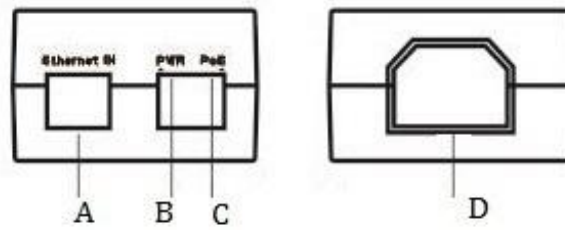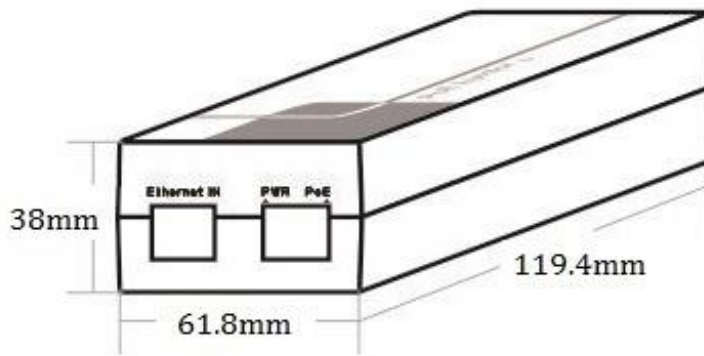| Model	PSE3301AC	PSE3301AC-at
Interface Characteristics		
Fixed Port	1*10/100/1000M PoE port (Data/Power) 1*10/100/1000M uplink RJ45 port (Data)	
Ethernet Port	10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption	
Twisted Pair Transmission	10BASE-T:Cat3,4,5 UTP(≤100 meter) 100BASE-TX:Cat5 or later UTP(≤100 meter) 1000BASE-T:Cat5e or later UTP(≤100 meter)	
Network Protocol and Indicator		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3	
LED Indicator	Power: PWR (Green), POE: PoE (Green)	
PoE & Power Supply		
PoE Port	IEEE802.3af/at @ POE	
Power Supply Pin	Default 1/2(+)3/6 (-), optional 4/5(+)7/8(-)	
Max Power Per Port	30W, IEEE802.3af/at	
Total PWR / Input Voltage	18W /(AC100-240V)	35W /(AC100-240V)
Power Consumption	Standby<3W, Full load<15W	Standby<3W, Full load<30W
Configure Power	N/A, AC100-240V 50-60Hz 0.5A	
Physical Parameter		
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing	
Storage TEMP / Humidity	-40~+80°C, 5%~95% RH Non condensing	
Dimension (L*W*H)	118.19*52.94 *33.33mm	119.4*61.8*38mm

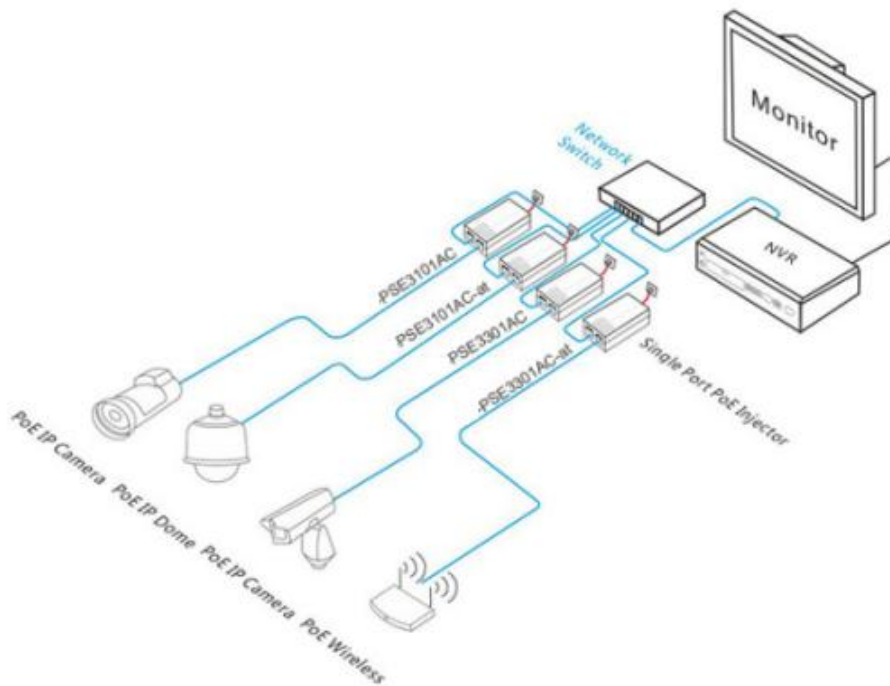| Net /Gross Weight	<0.18kg /<0.2kg
Installation	Desktop
Certification & Warranty	
Lightning Protection	Port lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS
Warranty	1 year, lifelong maintenance.

DIMENSION

Model: PSE3301AC

A. RJ45 input port   B. Working Led indicator

C. PoE output port   D. Power input port AC100-240V,50/60Hz

38mm

Ethernet IN PWR PoE

119.4mm

61.8mm

A B C   D

Model: PSE3301AC-at

A. RJ45 input port   B. Working Led indicator

C. PoE output port   D. Power input port AC100-240V,50/60Hz

APPLICATION

Monitor

Network Switch

NVR

PSE3101AC

PSE3101AC-at

PSE3301AC

PSE3301AC-at

Single Port PoE Injector

PoE IP Camera PoE IP Dome PoE IP Camera PoE Wireless

ORDERING INFORMATION

Model	Description	External Power Adapter
PSE3301AC	Single-port Gigabit PoE injector with 1*RJ45 port PoE output and 1*RJ45 input port. It support IEEE802.3af/at PoE standard. Support desktop installation.	18W
PSE3301AC-at		35W

PACKING LIST

Packing List	Content	Qty	Unit
	Single-port Gigabit PoE Injector	1	SET
	User Guide	1	PC
	Warranty Card	1	PC