

Product Datasheet

Single Port 10/100M PoE Injector

ONV-PSE3101AC



OVERVIEW

The ONV-PSE3101AC is a 10/100M PoE injector independently developed by ONV. It has a 1*10/100M RJ45 port. PoE port support IEEE802.3af/at standard PoE, and single-port PoE power reaches 30W. The total power of the PoE injector is 18W. 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, parks, scenic spots, supermarkets, factory dormitories, and small and medium-sized enterprises to form a cost-effective network.

FEATURE

■ 1 Ethernet in and 1 Ethernet out , easy to connect

- ◇ Using Ethernet in and 1 Ethernet out connection mode, 2*10/100Mbps RJ45 ports, convenient connection, and simple maintenance.
- ◇ Support non-blocking wire-speed forwarding.

■ Smart PoE power supply function

- ◇ 1*10/100Base-TX RJ45 port support PoE, 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

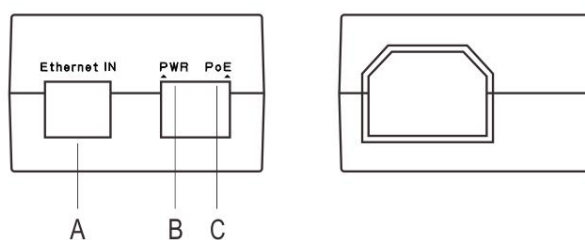
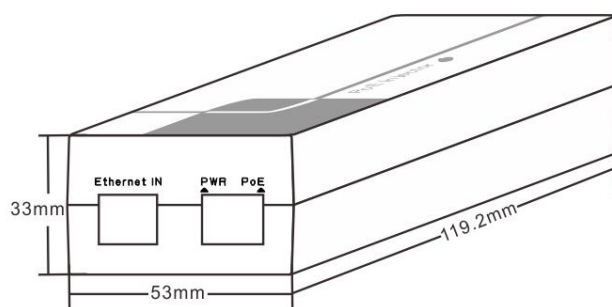
- ◇ CCC, CE, FCC, and RoHS.
- ◇ Desktop, 1U-19 inch cabinet installation.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Low power consumption, active cooling fan ensures the stable operation of the product.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ◇ The user-friendly panel, it can show the device status through the LED indicator of PWR, PoE.

TECHNICAL SPECIFICATION

Model	ONV-PSE3101AC	ONV-PSE3101AC-at
Interface Characteristics		
Fixed Port	1*10/100M PoE port (Data/Power)	
	1*10/100M uplink RJ45 port (Data)	
Ethernet Port	10/100Base-TX auto-sensing, full/half duplex MDI/MDI-X self-adaption.	

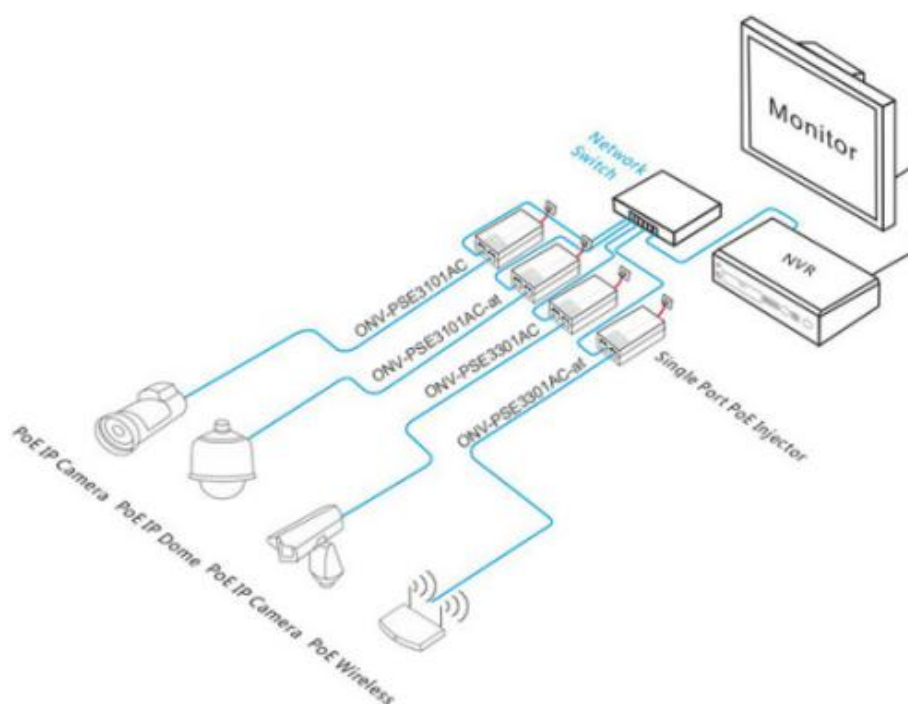
Twisted Pair	10BASE-T: Cat3,4,5 UTP(≤100 meter)	
Transmission	100BASE-TX: Cat5 or later UTP(≤100 meter)	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3x	
LED Indicator	Power:PWR(green), PoE: PoE (green)	
PoE & Power Supply		
PoE Port	Port 1 support 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<1W, Full load<18W	Standby<1W, Full load<35W
Power Supply	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)	119.2*53*33mm	119.4*61.8*38mm
Net /Gross Weight	<0.18kg /<0.2kg	
Installation	Desktop, wall-mounted,19 inch 1U cabinet installation	
Certification & Warranty		
Port lightning protection	Port lightning protection : 4KV 8/20us, Protection level: IP30	
Certification	CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS	
Warranty	3 years, lifetime maintenance.	

DIMENSION



- A. Ethernet input RJ45 port C. POE output RJ45 port
 B. Working status indicator D. AC100-240V 50/60Hz input port

APPLICATION



ORDERING INFORMATION

Model	Description	Power Adapter
ONV-PSE3101AC	Single port PoE injector with 1*10/100M PoE output port and 1*10/100M RJ45 port. PoE port support IEEE802.3af/at PoE standard. It support 1U-19 inch cabinet installation.	18W
ONV-PSE3101AC-at		35W

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	Single port 10/100M PoE injector	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US



OPTICAL NETWORK VIDEO TECHNOLOGIES (SHENZHEN) CO., LTD

Tel: 0086-755-33376606

Fax: 0086-755-33376608

Email: onv@onv.com.cn

Website: www.onvcom.com

Zip: 518000

Headquarter Address: Room 1003, Block D, Terra Building, Futian District, Shenzhen, China

Factory Address: The 4-6th Floor, No. 59, Huaning Road, Xinwei Community,

Dalang Street, Longhua District, Shenzhen, China

