

Product Datasheet

2-port Gigabit PoE Injector

(ONV-PSE3301DC)



OVERVIEW

The ONV-PSE3301DC is a Gigabit PoE injector independently developed by ONV. It has 2*10/100/1000M RJ45 ports. Port 1 supports IEEE 802.3 af/at PoE standards, and the single-port PoE power reaches 30W. As a PoE power supply device, it can automatically detect and recognize power-receiving equipment that meets the standard and supply power over the network cable. It can supply power to PoE terminal equipment such as wireless AP, IP camera, VoIP, and visual intelligent building intercom through the network cable, and meet the network environment that needs a high-density PoE power supply. It is suitable for hotels, campuses, factory dormitories, and small and medium-sized enterprises. Plug and play, no configuration, easy to use.

FEATURE

- Gigabit access (1 input and 1 output)

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

■ Smart PoE power supply

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

■ Stable and reliable

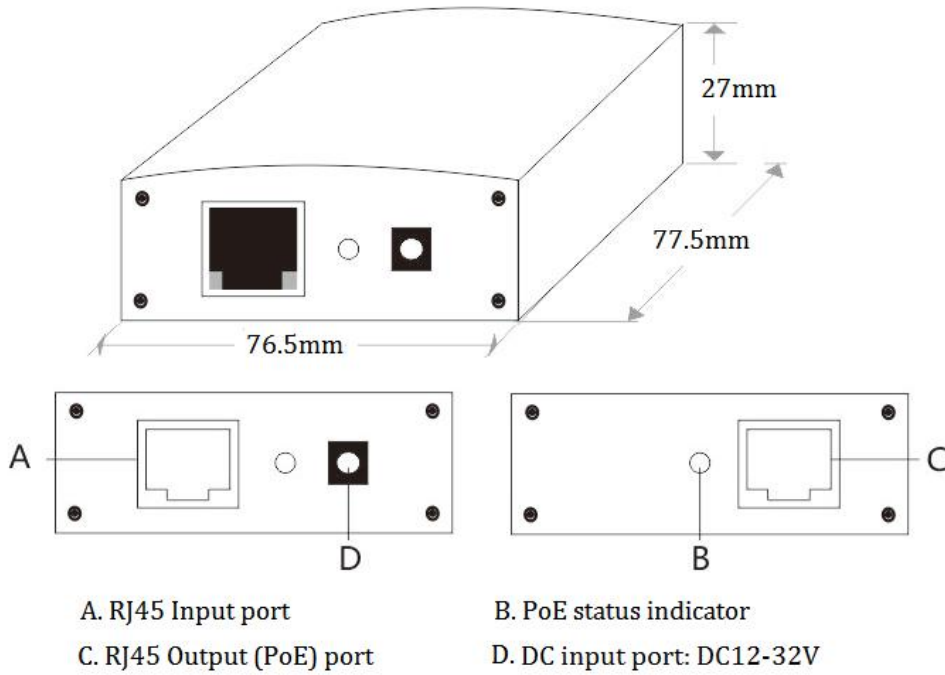
- ◇ CE, FCC, RoHS.
- ◇ Support desktop and wall-mounted installation.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ The user-friendly panel can show the device status through the LED indicators of PWR and PoE.
- ◇ Self-developed power supply, high redundancy design, providing a long-term and stable PoE power output.
- ◇ Low power consumption, active fan cooling design, and metal casing to ensure stable operation of the product.

TECHNICAL SPECIFICATION

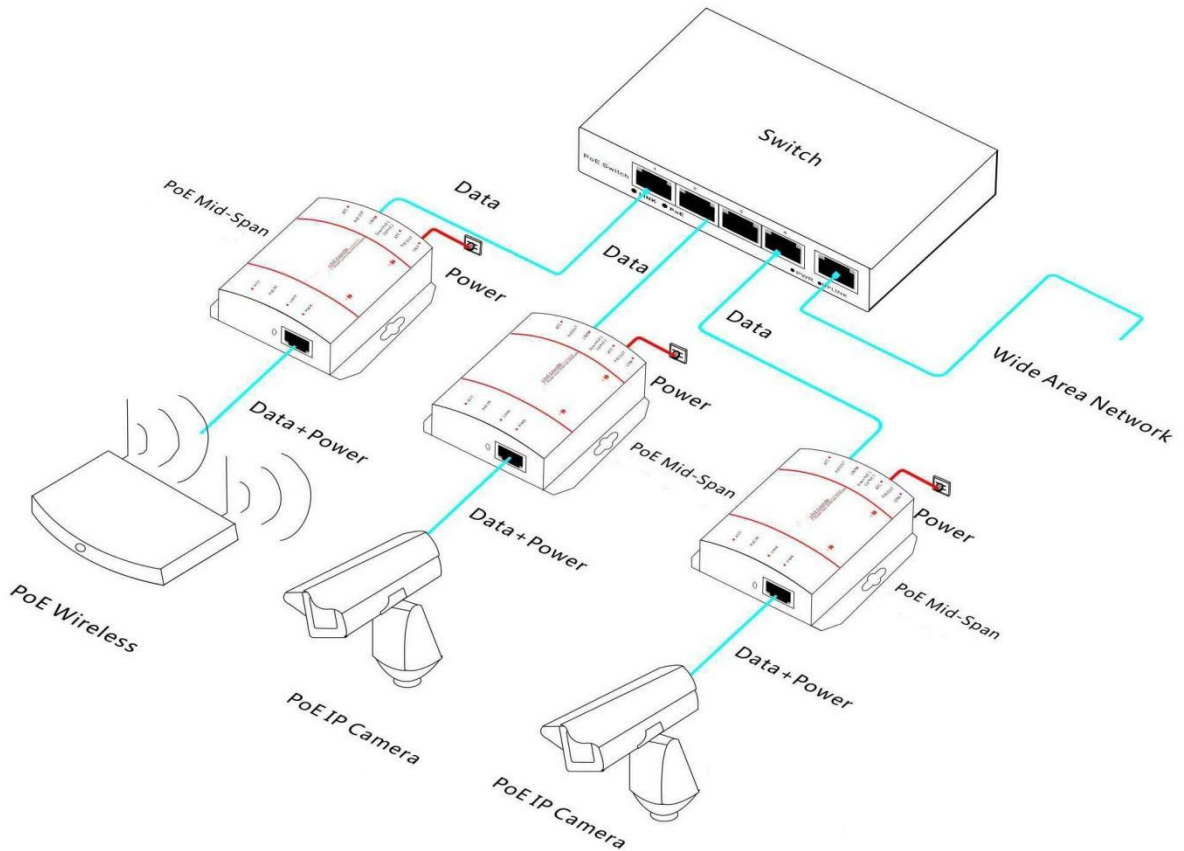
Model	ONV-PSE3301DC	ONV-PSE3301DC-at
Interface Characteristics		
Fixed Port	1*10/100/1000M PoE port (Data/ Power) 1*10/100/1000M uplink RJ45 port (Data)	
Ethernet Port	10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaption	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meters) 100BASE-TX: Cat5 or later UTP(≤100 meters)	

	1000BASE-T: Cat5e or later UTP(≤100 meters)	
Network Protocol & Indicator		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x	
LED Indicator	Power: PWR (Green), POE: PoE (Green)	
PoE & Power Supply		
PoE Port	Port 1 IEEE 802.3af/at	
Power Supply Pin	1/2(+), 3/6(-)	
Max Power Per Port	15W, IEEE 802.3 af	30W, IEEE 802.3at
Total PWR/ Input Voltage	18W/12-32VDC	35W/12-32VDC
	<24V max output 15W, ≥24V max output 30W	
Power Consumption	Standby<3W, full load<15W	Standby<3W, full load<30W
Power Supply	External power supply, DC input voltage: 24V	
Physical Parameter		
Operation TEMP/ Humidity	-20°C~+55°C, 5%~90% RH non-condensing	
Storage TEMP/ Humidity	-40°C~+80°C, 5%~95% RH non-condensing	
Dimension (L*W*H)	77.5*76.5*27mm	
Net /Gross Weight	0.15kg /0.3kg	0.15kg /0.4kg
Installation	Desktop, Wall-mounted	
Certification & Warranty		
Lightning Protection	4KV 8/20us, Protection level: IP30	
Certification	CE mark, commercial, CE/LVD EN62368-1, FCC Part 15, RoHS	
Warranty	3 years, lifelong maintenance	

DIMENSION



APPLICATION



ORDERING INFORMATION

Model	Description	External Power Adapter
ONV-PSE3301DC	Gigabit PoE injector supports the IEEE 802.3 af/at PoE standard and PoE output. It supports desktop and wall-mounted installation.	18W
ONV-PSE3301DC-at		35W

PACKING LIST

	Content	Qty	Unit
Packing List	2-port Gigabit PoE injector	1	PC
	Power Adapter	1	PC
	User Guide	1	PC
	Warranty Card and Certificate of Conformity	1	PC

CONTACT US

ONV Optical Network Video Technologies (Shenzhen) Co., Ltd.

Tel: 0086-755-33376606

Fax: 0086-755-33376608

WeChat: ONV-PoE-IoT

Email: onv@onv.com.cn

Skype: onv@onv.com.cn

Website: www.onvcom.com

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

Factory Address: Building B3, Galaxy Artificial Intelligence Industrial Park, No. 333, Zhongkai 6th Road, Chenjiang Street, Zhongkai High-tech Zone, Huizhou

