Product Datasheet

3-port Gigabit PoE Extender

(ONV-PSE-PD3302S)

OVERVIEW

The ONV-PSE-PD3302S is a Gigabit PoE Extender. It has 2*10/100/1000M RJ45 ports and 1*10/100/1000M RJ45 port. Port 1-2 can support IEEE 802.3af/at PoE standards. The uplink port is a power receiving port that complies with the IEEE 802.3af/at standard. Compatible with both 1236 and 4578 power supply methods. As a PoE power supply device, it can automatically detect and identify power-receiving devices that meet the standard and power them through the network cable. Wireless AP, IP camera, network phone, video access control intercom, and other PoE terminal devices can be powered through the network cable. It meets the network environment that requires a high-density PoE power supply and lossless bandwidth to solve the twisted pair PoE transmission application within a range of 200 meters. It is suitable for hotels, campuses, parks, scenic spots, factory dormitories, and small and medium-sized enterprises to build economical and efficient networks.

Unmanaged model, plug and play, no configuration, simple and convenient to use.

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FEATURE

■ **Gigabit access**

◇ Support non-blocking wire-speed forwarding.

◇ Support full-duplex based on IEEE 802.3x and half-duplex based on Backpressure.

◇ Provide 3*10/100/1000Base-T RJ45 ports and uplink power receiving port. It is convenient for users to flexibly network and meet the power supply and transmission needs of the scene within 200 meters.

■ **Smart PoE power supply**

◇ 2*10/100/1000Base-T RJ45 ports support PoE, meeting the PoE power supply requirements of various scenarios in the security field.

◇ Comply with IEEE 802.3af /at PoE standards to automatically identify PoE devices for power supply without damaging non-PoE devices. The max power output using 1*PoE is 25W, and the sum of the max power when using 2*PoE output does not exceed 25W.

■ **Stable and reliable**

◇ CCC,CE, FCC, RoHS.

◇ Plug and play, no configuration, easy to use and maintain.

◇ PoE Extender can extend network signal transmission and PoE power supply distance.

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

◇ Low power consumption, no fan, aluminum alloy housing, and excellent heat dissipation to ensure the stable operation of the PoE extender.

◇ When the PoE extender is working, no additional power supply is required, which can easily solve the problem of sufficient bandwidth and power cable transmission within 200 meters.

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TECHNICAL SPECIFICATION

Model	ONV-PSE-PD3302S
Interface Characteristic	
Fixed Port	2*10/100/1000Base-T PoE ports (Data/Power) 1*10/100/1000Base-T uplink power receiving port (Data/ Power)
Ethernet Port	Port 1-3 can support 10/100/1000Base-T(X) 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)
Chip Parameter	
Network Protocol	IEEE 802.3 10BASE-T, IEEE 802.3i 10Base-T,IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3x
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	6Gbps(non-blocking)
Forwarding Rate @64byte	4.46Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	1536byte
LED Indicator	Power: PWR (Green), Network: Link (Yellow), PoE: PoE(Green)
PoE & Power Supply	
PoE Port	2 port
Power Pin Assignment	Default 1/2(+), 3/6(-), Optional 4/5(+), 7/8(-)
Single-port Max PoE power	30W, IEEE 802.3af/at
Total PWR/ Input Voltage	30W/ (AC100-240V)

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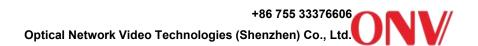| Power Consumption	Standby<4W, Full load<30W
Physical Parameter	
Operation Temp/ Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage Temp/ Humidity	-40~+80°C, 5%~95% RH Non condensing
Dimension (L*W*H)	80*76.5*27mm
Net /Gross Weight	0.2kg/ 0.3kg
Installation	Desktop, Wall mount
Certification& Warranty	
Lightning Protection	Lightning protection: 4KV 8/20us; Protection level: IP40
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS
Warranty	3 years, lifelong maintenance.

DIMENSION

APPLICATION

ORDERING INFORMATION

Model	Description
ONV-PSE-PD3302S	Unmanaged PoE Extender with 2*10/100/1000M RJ45 ports and 1*10/100/1000M uplink RJ45 port. The output port supports IEEE 802.3 af/at PoE standard and the uplink port supports 30W POE input. Compatible with 1236 and 4578 power supply methods.

PACKING LIST

	Content	Qty	Unit
Packing List	3-port Gigabit PoE Extender	1	Set
	User Guide, Warranty Card and Certificate of Conformity	1	PC

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CONTACT US

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