

## Product Datasheet

# 4-port Gigabit PoE Extender

(ONV-PSE-PD3304)



## OVERVIEW

The ONV-PSE-PD3304 is an unmanaged PoE extender independently developed by ONV. It has 5\*10/100/1000M RJ45 ports ports. Port 1-4 support IEEE 802.3 af/at PoE standard, single port PoE power up to 30W, max PoE output power is 60W. The uplink port input power must be greater than 60W to meet the POE power requirements of ports 1-4. As a PoE power supply device, it can automatically detect and identify standard-powered devices and supply power to them through network cables. It can supply power to POE terminal equipment such as wireless AP, IP camera, Internet phone, video door intercom, etc. through the network cable, to meet the network environment that requires a high-density PoE power, and to solve the twisted pair PoE transmission application within 200 meters. It is suitable for hotels, campuses, parks, scenic spots, factory dormitories, and SMB small and medium-sized enterprises to form cost-effective networks. Unmanaged, plug and play, no configuration, easy to use.

## FEATURE

### ■ 10/100/1000M access, Uplink RJ45 port

- ◇ Support non-blocking wire-speed forwarding for smoother transmission.
- ◇ IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.
- ◇ 5\*10/100/1000Base-T RJ45 ports, the uplink port is a power receiving port. Convenient and flexible networking to meet the network power supply and transmission within 200 meters.

### ■ Intelligent PoE power supply

- ◇ IEEE 802.3af /at PoE standard automatically identifies PoE devices for power without damaging non-PoE devices.
- ◇ 4\*10/100/1000Base-T RJ45 ports support PoE power to meet the PoE power supply requirements of security scenarios.

### ■ Innovative function

- ◇ High-power receiving port (60W) relay power, 8 cores are used at the same time, effectively reducing line loss and ensuring that the PoE output power meets the use requirements.
- ◇ PoE Extender does not need an external power supply when it works, and it solves the problem of sufficient bandwidth and power network cable transmission within 200 meters.

### ■ Stable and reliable

- ◇ CCC, CE, FCC, RoHS.
- ◇ Plug and play, no configuration, easy to use and maintain.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link, PoE.
- ◇ Low power consumption, No fan, galvanized steel shell, excellent heat dissipation to ensure stable operation of the PoE extender.

## TECHNICAL SPECIFICATION

Model	ONV-PSE-PD3304
<b>Interface Characteristics</b>	
Fixed Port	4*10/100/1000Base-T PoE ports (Data/Power) 1*10/100/1000Base-T uplink PD power receiving port (Data/Power)
Ethernet Port	Port 1-4 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-TX: Cat5e or later UTP(≤100 meters)
<b>Chip Parameter</b>	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x
Forwarding Mode	Store-and-forward (full wire speed)
Switching Capacity	12Gbps (non-blocking)
Forwarding Rate @64byte	7.4Mbps
MAC	2K
Buffer Memory	2M
LED Indicator	Power: PWR (Green), Network : Link (Yellow) Function switch: EXTEND (Green), PoE: PoE (Green)
<b>PoE &amp; Power Supply</b>	
PoE Port	Port 1 to 4 IEEE 802.3 af/at
Power Supply Pin	1/2 4/5(+) 3/6 7/8(-)
Average/ Max Power Per Port	15.4W/ 30W
Total Power	60W

Power Consumption	Standby:<5W, Full Load:<60W
<b>Physical Parameter</b>	
Operation TEMP/ Humidity	-20°C~+55°C, 5%~90% RH Non condensing
Storage TEMP/ Humidity	-40°C~+80°C, 5%~90% RH Non condensing
Dimension (L*W*H)	118*85*28mm
Net /Gross Weight	<0.4kg / <0.5kg
Installation	Desktop ,wall mounted,
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	3 years, lifelong maintenance.

## ORDERING INFORMATION

Model	Description
ONV-PSE-PD3304	Unmanaged PoE extender with 5*10/100/1000M RJ45 ports and 1*10/100/1000M uplink RJ45 port. Port 1-4 support IEEE 802.3 af/at PoE standard, and the uplink port support 60W PoE input.

## PACKING LIST

	Content	Qty	Unit
<b>Packing List</b>	4-port gigabit PoE extender	1	SET
	Mounting Kits	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

## CONTACT US

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