Product Datasheet

3-Port Gigabit PoE Extender

(ONV-PSE-PD3302)

OVERVIEW

ONV-PSE-PD3302 series is an unmanaged PoE extender. It has 2*10/100/1000M PoE ports and 1*10/100/1000M uplink RJ45 port. Port 1-2 can support IEEE802.3af/at PoE standard. The uplink RJ45 port is the power PD port, and the input power must be greater than or equal to 60W to meet the power supply requirements of 1-2 ports. 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, video access control, etc. through a network cable, to meet the network environment that requires high-density PoE power supply, and to reduce the bandwidth to solve the twisted pair POE transmission within 200 meters. Application, it is suitable for hotels, campuses, factory dormitories, and small and medium-sized enterprises to form a cost-effective network.

Unmanaged mode, plug and play, no configuration, easy to use.

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FEATURE

■   **Full gigabit access, uplink RJ45 port receives power**

◇ 3*10/100/1000Base-T RJ45 ports to meeting the power supply and transmission requirements of the scene within 200 meters.

◇ Support non-blocking wire-speed forwarding.

◇ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

■   **Intelligent PoE power supply**

◇ 2* 10/100/1000Base-T RJ45 ports can support POE power supply to meeting the needs of PoE power supply in various security scenarios.

◇ IEEE 802.3af/at PoE standard, without damaging non-PoE devices. The single-port maximum PoE output power is 25W.

■   **Stable and reliable**

◇ CCC,CE, FCC, RoHS.

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

◇ Low power consumption, silent design without fan, aluminum alloy shell

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

◇ When the PoE extender is working, there is no need for an external power supply, and it can easily solve the problem of sufficient bandwidth and full power cable transmission within 200 meters.
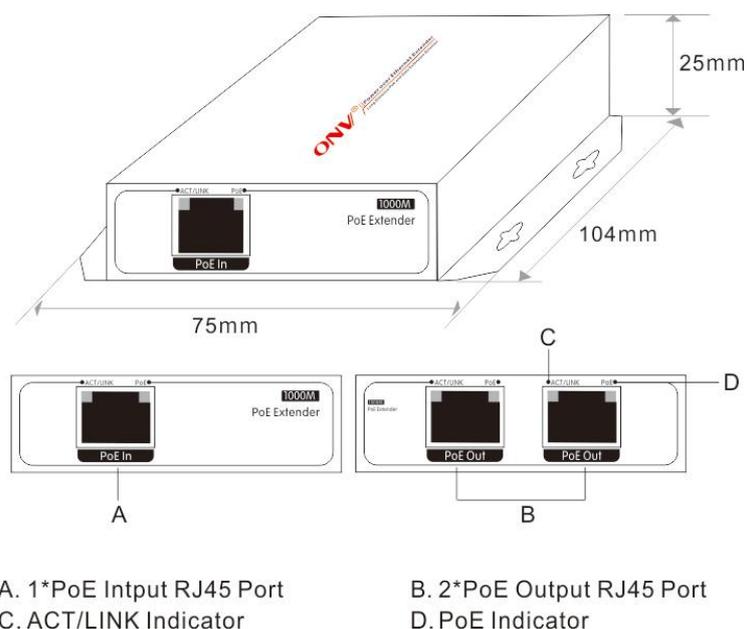
TECHNICAL SPECIFICATION

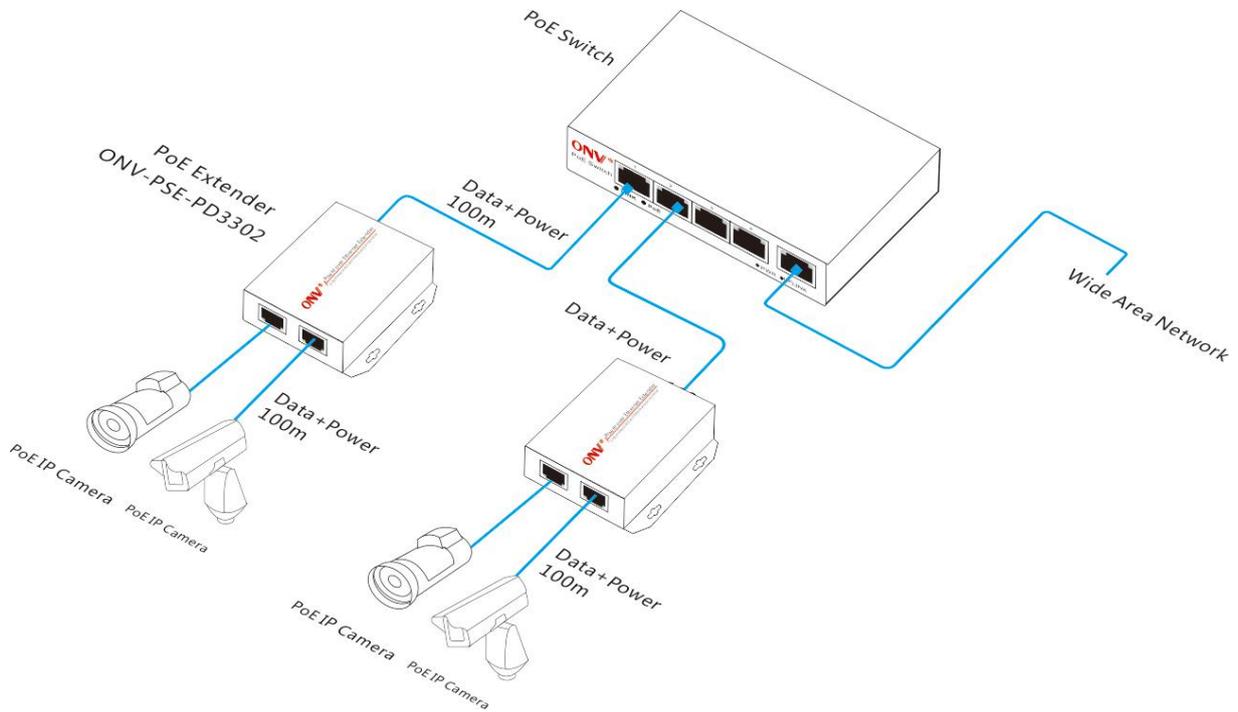| Model	ONV-PSE-PD3302
Interface Characteristics	
Fixed Port	2*10/100/1000Base-T PoE ports(Data/Power) 1*10/100/1000Base-T uplink PD power port (Data/Power)

Ethernet Port	Port 1-3 can support 10/100/1000Base-T(X),auto-sensing, full/half duplex MDI/MDI-X
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)
Chip Parameter	
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	6Gbps
Forwarding Rate@64byte	4.46Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	1536byte
LED Indicator	Power : PWR (green), network :Link(yellow),PoE: PoE(green), functional switch: EXTEND(green)
PoE & Power	
PoE Port	2*PoE output port 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 (This PoE extender is the PD machine, which itself will have a certain power consumption)
Total PWR / Input Voltage	30W/（IEEE802.3af/at）
Power Consumption	Standby<4W, Full load<30W
Power Supply	No

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*89*28mm
Net /Gross Weight	<0.2kg / <0.25kg
Installation	Desktop, wall mounted
Certification & Warranty	
Lightning protection / protection level	Lightning protection: 4KV 8/20us; Protection level: IP40
Certification	CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS;
Warranty	3 years, lifelong maintenance.

DIMENSION

A. 1*PoE Intput RJ45 Port   B. 2*PoE Output RJ45 Port
C. ACT/LINK Indicator   D. PoE Indicator

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APPLICATION

ORDERING INFORMATION

Model	Description
ONV-PSE-PD3302	Unmanaged PoE extender with 2*10/100/1000M RJ45 ports and 1*10/100/1000M uplink RJ45 port. PoE output port (2-3)　can support IEEE 802.3af/at PoE standard. Uplink RJ45 port support 30W POE power input.

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PACKING LIST

PACKING LIST	CONTENT	QTY	UNIT
	3-Port gigabit PoE extender	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US

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