10/100/1000M PoE Extender 15.4W

(ONV-PSE-PD3301)

10/100/1000M PoE Extender 15.4W

◆Supply power to IP network cameras through Cat5e cables (PoE)

◆Compatible with IEEE 802.3af PSE devices

◆Support 10/100/1000M data transmission through RJ45 port

◆Auto-negotiation and auto-MDIX fast Ethernet RJ45 por

◆Both mid-span (4/5+, 7/8-) and end-span (1/2+, 3/6-)

◆IEEE 802.3af; IEEE 802.3i; IEEE 802.3u; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI

◆100Base-TX : Cat5 UTP(≤100 meters)

◆Store-And-Forward architecture

◆ 2x RJ45 PoE ports; maximum 15.4W for single PoE port

◆ Front-end receiving and Back-end supply power
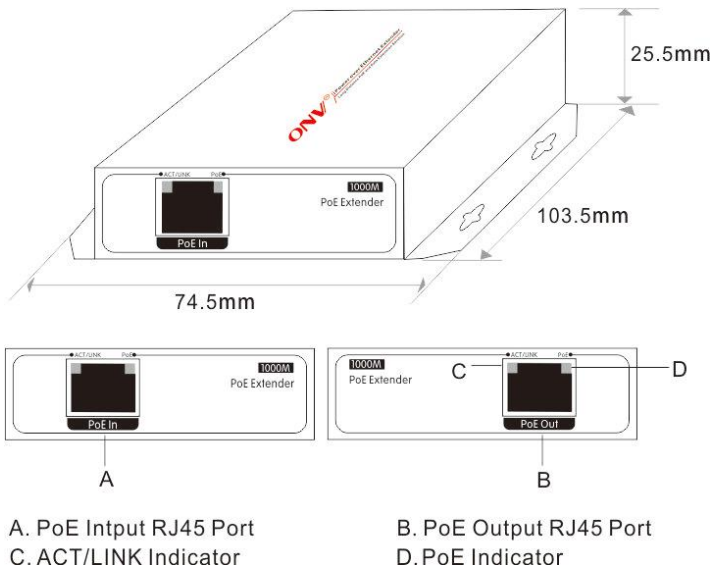
Product Description

ONV-PSE-PD3301 is a simple device which can extend the 100m standard data transmission to 200m through CAT5e/6 UTP cable, by just plug and play but no additional power supply or set up required. It offers you great flexibility to extend the distance of PoE network to triple, quadruple further in length or more. And this device supports forwards both Ethernet data and PoE power to remote devices

For the cost saving and power management purpose, this device can be widely used for City intelligent traffic monitoring system (ITS), safe city, and wireless city; large industrial factory& enterprise security surveillance system; Highway surveillance system, electronic road surveillance, snapshot system; Remote multimedia teaching & campus surveillance, video conferencing systems; Building intercom, wireless communications, video surveillance.
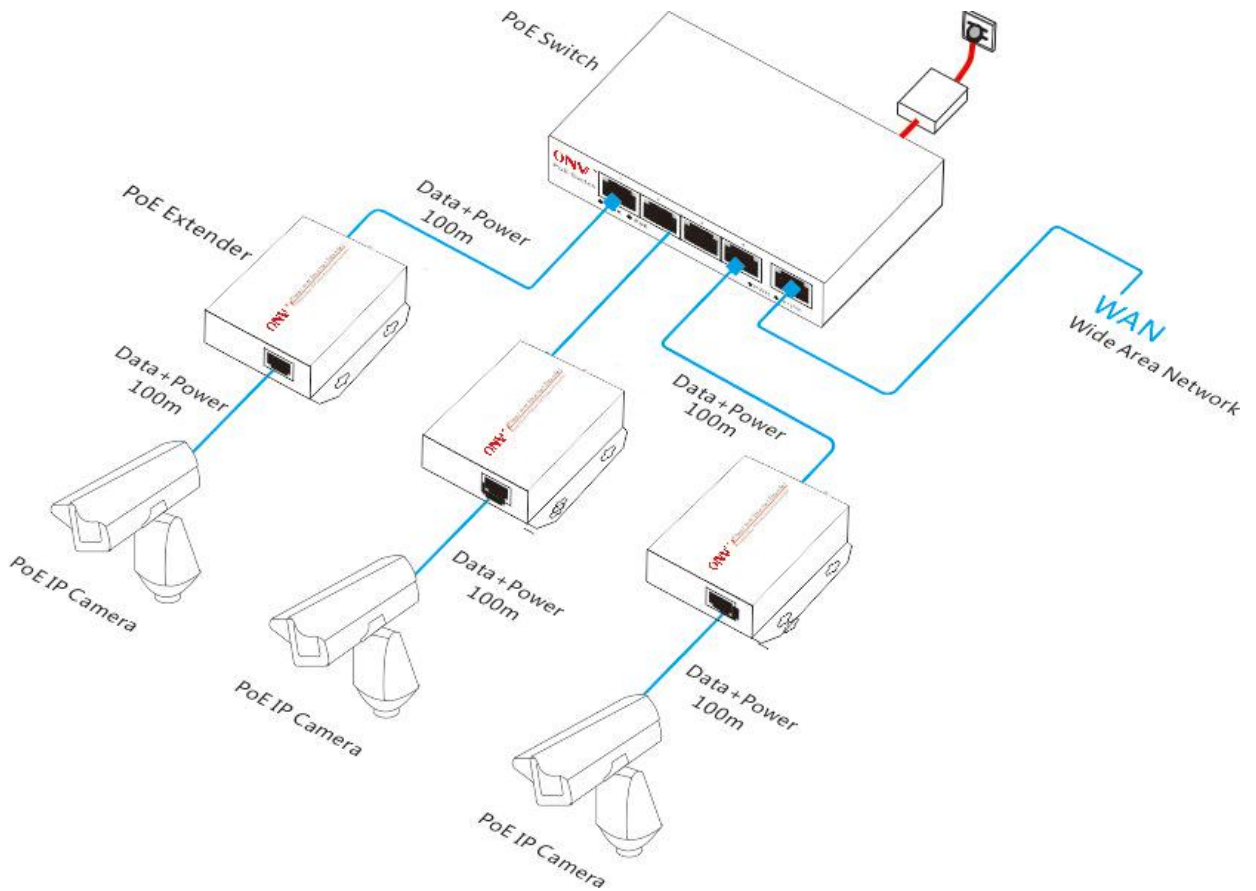
Technical Specification

Product Name	10/100/1000M PoE Extender 15.4W
Model	ONV-PSE-PD3301
Description	10/100/1000M PoE extender, extends the data transmission from 100m to 200m
Network Protocols and Standards	IEEE 802.3i 10BASET; IEEE 802.3u 100BASET; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI; IEEE 802.3af
Network Medium	Cat5 or more UTP(≤100 meter)
Backplane Bandwidth	8Gbps
Forwarding Way	Store-And-Forward architecture
MAC Address Table Size	1K
Port Description	1x RJ45 PoE input port; 1x RJ45 PoE output port
PoE Features	PoE standard: IEEE802.3af
	PoE port power: 15.4W
	Default: end-span(1/2+, 3/6-) . Optional:Mid-span(4/5+, 7/8-)
LED Indicator Status	ACT/LINK: Network status , PoE: PoE working status
Dimension/Weight	Dimension(LxWxH): 74.5x103.5x25.5mm
Environment	Operating temperature: -20 to 55° C; Storage temperature: -20 to 75°C; Working Humidity: 10%～90%, non-condensing
Safety	CE Mark ,commercial, FCC Class, RoHS
Warranty	1 year warranty
Package List	POE Extender, User Guide, Warranty Card

Product Size Display

25.5mm

103.5mm

74.5mm

C

D

A

B

A. PoE Intput RJ45 Port
C. ACT/LINK Indicator

B. PoE Output RJ45 Port
D. PoE Indicator

Product Usage Display

PoE Switch

PoE Extender

Data+Power
100m

Data+Power
100m

WAN
Wide Area Network

Data+Power
100m

PoE IP Camera

Data+Power
100m

PoE IP Camera

Data+Power
100m

PoE IP Camera

Product Ordering Information

Model: ONV-PSE-PD3301

Description: 100M PoE extender, 1x RJ45 PoE input port; 1x RJ45 PoE output ports; 15.4W, IEEE802.3af; It extends the data transmission from 100m to 200m

Ordering Note: end-span (1/2+, 3/6-),by default; Mid-span (4/5+, 7/8-), can be customized

Product Packing Lists

Package List	10/100/1000M PoE Extender with 15.4W
	User Guide
	Warranty Card