

## Product Datasheet

# 3-port 10/100M PoE Extender

(PSE-PD3102)



## OVERVIEW

PSE-PD3102 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, the PSE-PD3102 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.

## FEATURE

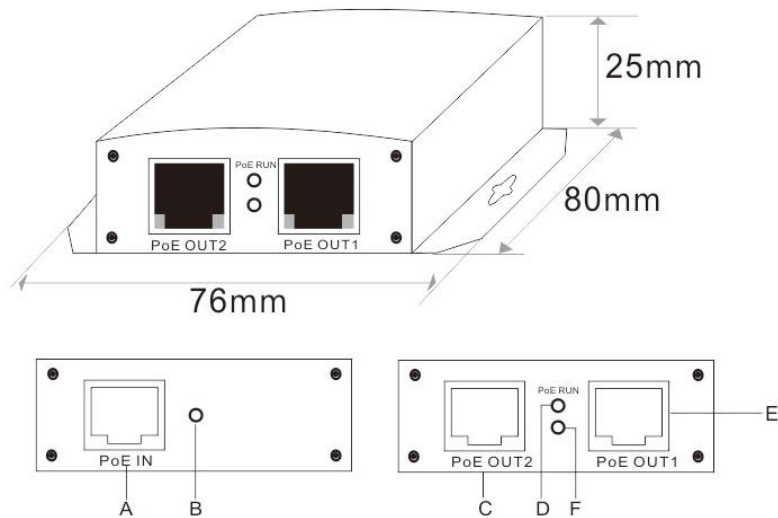
- ◆ Supply power to IP network cameras through Cat5e cables (PoE)
- ◆ Compatible with IEEE 802.3af PSE devices
- ◆ Support 10/100M data transmission through RJ45 port
- ◆ Auto-negotiation and auto-MDIX fast Ethernet RJ45 port
- ◆ Both mid-span ( 4/5+, 7/8- ) and end-span ( 1/2+, 3/6- )
- ◆ IEEE802.3af; IEEE 802.3i; IEEE 802.3u; IEEE 802.3x Flow Control; IEEE 802.3af 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

## TECHNICAL SPECIFICATION

Model	PSE-PD3102
Description	10/100M 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 802.3af DTE Power via MDI
Network Medium	Cat5 or more UTP(≤100 meter)
Switching Capacity	1.6Gbps
Forwarding Way	Store-And-Forward architecture
MAC	1K

Address Table	
Port Description	1x RJ45 PoE input port; 2x RJ45 PoE output ports
PoE standard	IEEE802.3af/at
PoE Port Power	15.4W
Power Supply Pin	Mid-span(4/5+, 7/8- ), end-span(1/2+, 3/6-)
LED Indicator Status	Power; Network; PoE working status
Dimension	80X76X25mm
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	3 years warranty

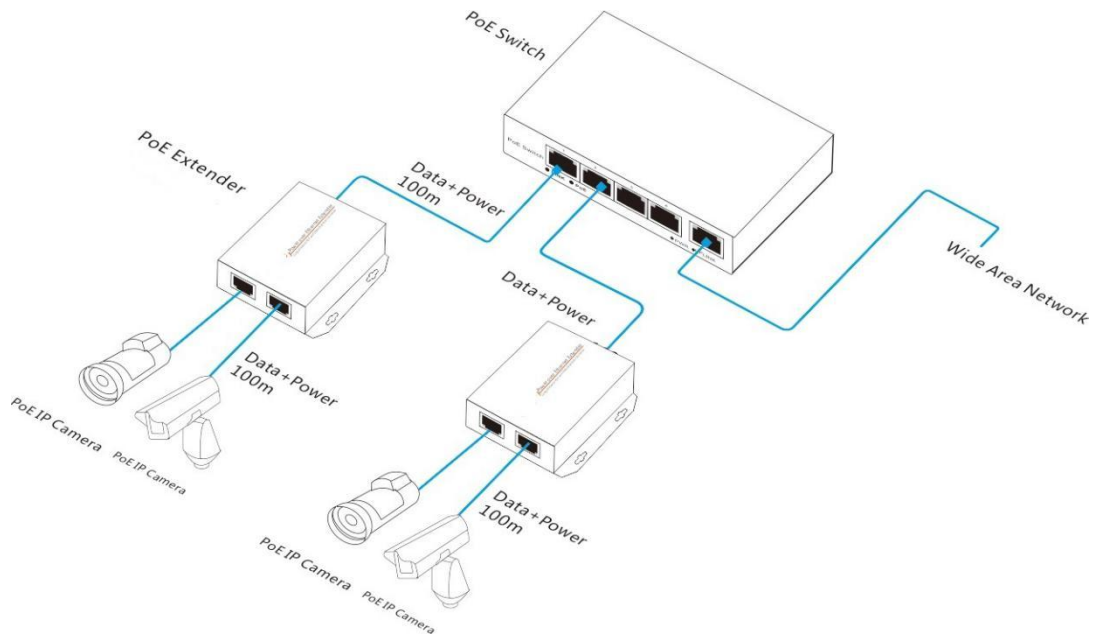
## DIMENSION



A. PoE Input RJ45port  
C.PoE Output RJ45port2  
E.PoE Output RJ45port1

B. PoE Input Status Light  
D.PoE Output1 Status Light  
F. PoE Output2 Status Light

## APPLICATION



## ORDERING INFORMATION

Model	Description
PSE-PD3102	10/100M PoE extender with 1x RJ45 input port and 2x RJ45 PoE output port. 15.4W(IEEE802.3af), Extends the data transmission from 100m to 200m.

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

## PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	3-port 10/100M PoE Extender	1	SET
	User Guide	1	PC
	Warranty Card	1	PC