Product Datasheet

802.3 bt Gigabit PoE Splitter

(ONV-PD3401G)

OVERVIEW

The ONV-PD3401G is a Gigabit bt PoE splitter independently developed by ONV. It has 2*10/100/1000M adaptive RJ45 ports and a 1*DC power output terminal. 1 RJ45 port can support bt PoE input (power receiving) and is backward compatible with the IEEE 802.3 af/at PoE standard. The DC default output is 12V (optional 24V output), and the max load power is 60W. Provide power and network connections for network devices that do not support PoE, and quickly deploy network terminal equipment such as PTZ network domes, high-power wireless AP, high-power network multimedia speakers, and high-power POE lighting without being limited by power lines. Unmanaged model, plug and play, no configuration required, easy to use.

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FEATURE

■ **Flexible expansion and convenient connection**

◇ Support IEEE 802.3 af/at/bt standard protocol connection, automatic power identification, and classification to ensure long-term stable operation of high-power equipment.

◇ DC to DC conversion, safe and reliable use. Default output DC voltage is DC12V (optional 24V) to meet the power supply requirements of most network terminal products in the market.

■ **Stable and reliable, easy to use**

◇ CCC, CE, FCC, RoHS.

◇ Low power consumption, no fan, aluminum alloy shell.

◇ Plug and play, no configuration, simple and convenient.

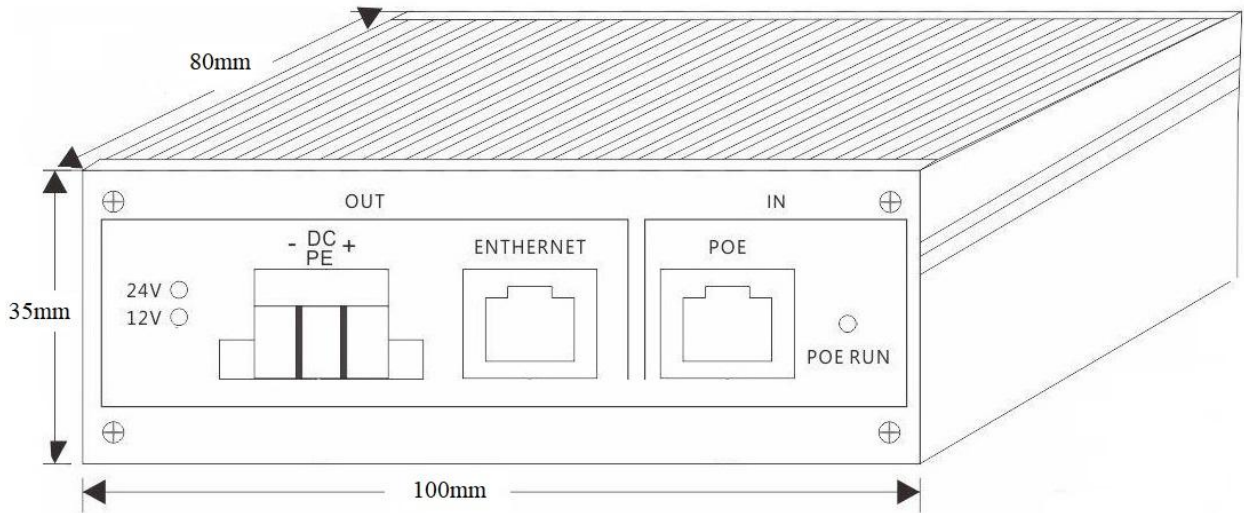◇ The user-friendly panel can show the device status through the LED indicator of PWR, PoE.

TECHNICAL SPECIFICATION

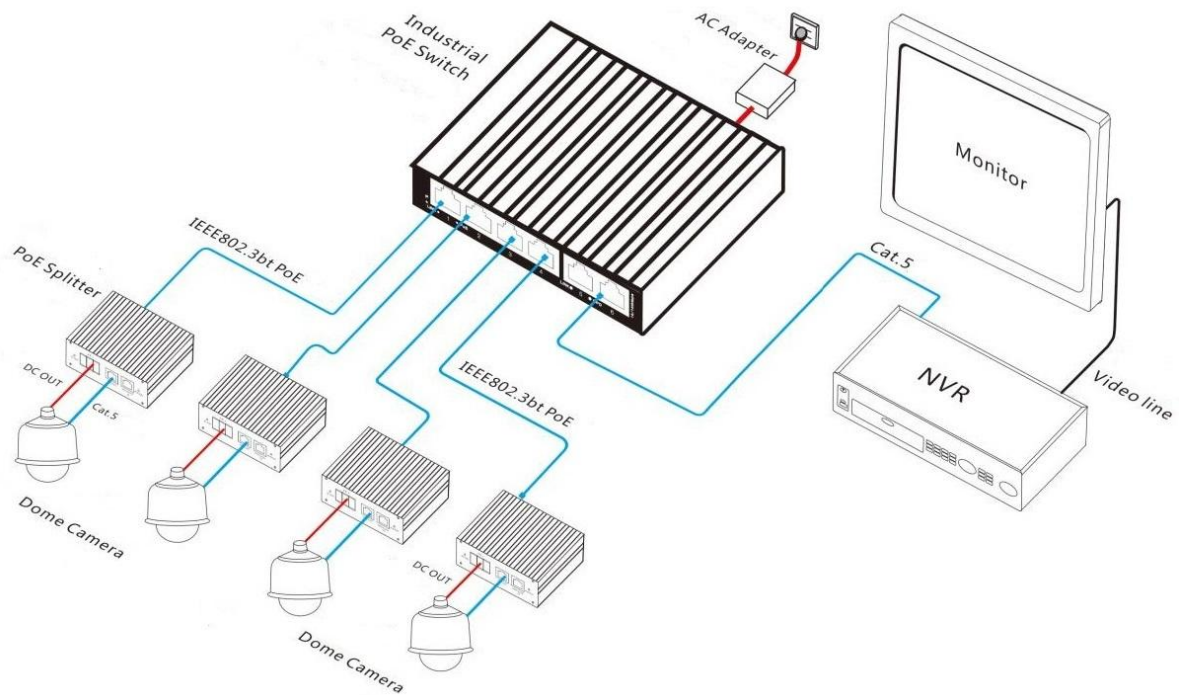| Model	ONV-PD3401G
Interface Characteristics	
Fixed Port	1*10/100/1000M bt PoE PD RJ45 port (Data/Power) 1*10/100/1000M uplink RJ45 port (Data)
Ethernet Port	Port1-2 support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/MDI-X self-adaption
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x
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)
LED Indicator	Power: DC12V(Yellow), DC24V(Red), POE: PoE (Green)
PoE & Power Supply	

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PoE Port	PoE port support 90W bt PoE input and is backward compatible with IEEE 802.3 af/at
PoE Standard	IEEE 802.3 af/at/bt
Power Supply Pin	1/2(+)3/6(-) & 4/5(+)7/8(-)
Rated Input Voltage	DC48-57V
Max Output Power/ Voltage	60W/ DC12V ±0.5V or 60W/ DC24V ±0.5V
Power Consumption	Standby<2W, Full load≤60W
Efficiency	≥81.5%
Ripple and Noise	Under the condition of rated output power, output ripple: 100mV /Vp-p(max) **Rise Time:** When input48Vdc and output max load, the max time is 50ms. **Startup Delay Time:** When input 48Vdc and output max load, the max startup time is 2S.
Protective Function	**Short circuit protection:** normal operation can be resumed after the load short circuit is removed. **Over-current protection:** The power supply will automatically resume normal operation after the over-current fault is removed.
Physical Parameter	
Operation TEMP/ Humidity	-20°C~+55°C, 5%~90% RH Non condensing
Storage TEMP/ Humidity	-40°C~+80°C, 5%~95% RH Non condensing
Dimension	100*80*35mm
Net /Gross Weight	<0.3kg /<0.4kg
Installation	Desktop, Wall mount, DIN Rail
Certification & Warranty	
Lightning Protection	Port lightning protection: 4KV 8/20us, Protection level: IP40
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B,

	RoHS
Warranty	1 year, lifelong maintenance.

DIMENSION

APPLICATION

ORDERING INFORMATION

Model	Description
ONV-PD3401G	Unmanaged 802.3 bt PoE splitter with 1*10/100/1000M PoE PD RJ45 port and 1*10/100/1000M uplink RJ45 port and a 1*DC port. Default DC output voltage is DC12V (optional DC24V).

PACKING LIST

	Content	Qty	Unit
Packing List	802.3 bt Gigabit PoE splitter	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US

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