Product Datasheet

Gigabit bt PoE Splitter

(ONV-PD3401G-24)

OVERVIEW

The ONV-PD3401G-24 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 output is 24V 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. Output DC voltage is 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.

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

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

◇ Low power consumption, no fan, aluminum alloy housing, and excellent heat dissipation to ensure the stable operation of the PoE splitter.
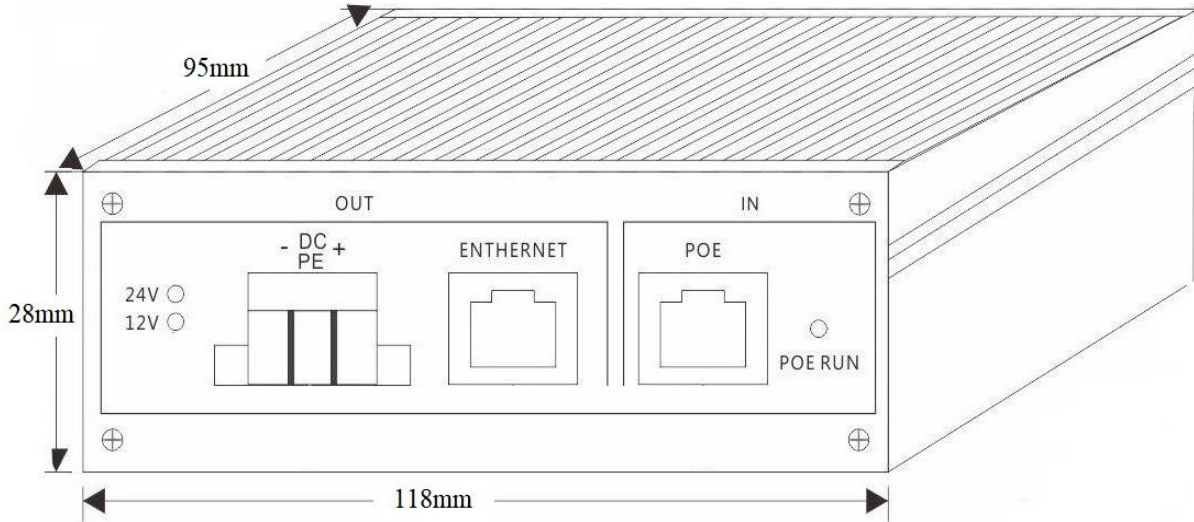
TECHNICAL SPECIFICATION

Model	ONV-PD3401G	ONV-PD3401G-24
Interface Characteristics		
Fixed Port	1*10/100/1000M uplink RJ45 port (Data) 1*10/100/1000M bt PoE power receiving RJ45 port (Data/Power)	
Ethernet Port	2 RJ45 ports can support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/MDI-X self-adaption	
Network Protocol	IEEE 802.3 10BASE-T, IEEE 802.3i 10Base-T, IEEE 802.3u 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)	

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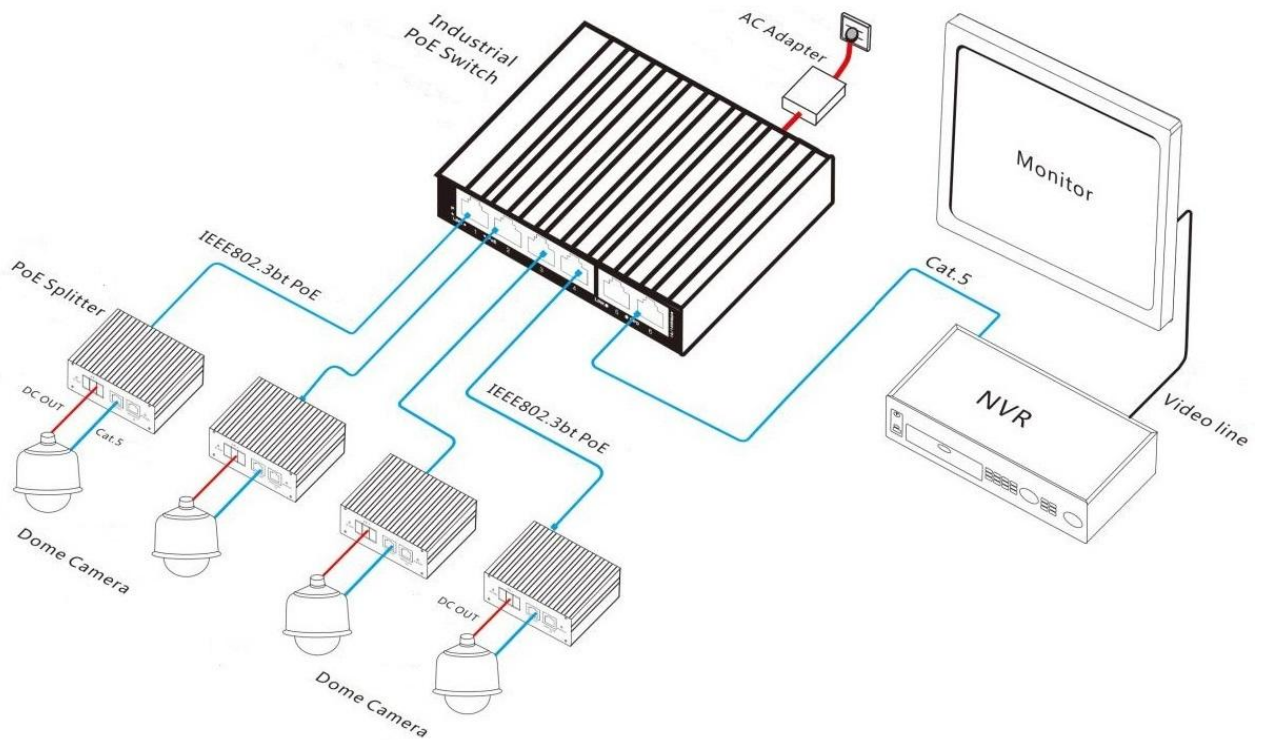| PoE Power Supply		
PoE Port	PoE port support 90W bt PoE input and is backward compatible with IEEE 802.3 af/at	
PoE Standard	IEEE 802.3 af/at/bt	
Power Supply Pin	1/2(+)3/6(-) & 4/5(+)7/8(-)	
Rated Input Voltage	DC48-57V	
Max Output Power/ Voltage	60W/DC12V	60W/DC24V
Power Consumption	Standby<2W, Full 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.	
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	118*95*28mm	
Net /Gross Weight	0.3kg /0.35kg	
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	

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Warranty	3 year, lifelong maintenance.

DIMENSION

APPLICATION

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ORDERING INFORMATION

Model	Description
ONV-PD3401G	Gigabit bt PoE splitter with 1*10/100/1000M power receiving RJ45 port and 1*10/100/1000M uplink RJ45 port and 1*DC port. DC output voltage is 12V.
ONV-PD3401G-24	Gigabit bt PoE splitter with 1*10/100/1000M power receiving RJ45 port and 1*10/100/1000M uplink RJ45 port and 1*DC port. DC output voltage is 24V.

PACKING LIST

	Content	Qty	Unit
Packing List	Gigabit bt PoE Splitter	1	Set
	User Guide, Warranty Card and Certificate of Conformity	1	PC

CONTACT US

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