

Product Datasheet

6-port 10/100M bt PoE Switch

ONV-POE31064P-bt



OVERVIEW

The ONV-POE31064P-bt is a 10/100M unmanaged bt PoE switch independently developed by ONV. It has 6*10/100Base-TX RJ45 ports. Port 1-4 can support 71W PoE super high power output and backward compatible with the IEEE802.3af/at PoE standard. Single-port PoE power is 95W. 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 provides stable and safe terminals for PTZ network domes, high-power wireless AP, high-power network multimedia speakers, and high-power POE lighting, etc. through a network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, parks, shopping malls, scenic spots, hospitals, factory dormitory and small and medium-sized enterprise.

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

FEATURE

■ 10/100Mbps fast Ethernet access , dual RJ45 port uplink

- ◇ 6*10/100Base-TX RJ45 ports for easy long distance transmission, which facilitates flexible networking and meets network requirements for various scenarios.
- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

■ Smart PoE power supply function

- ◇ 4*10/100Base-TX RJ45 ports can support PoE power supply, meeting the demand for super high power PoE power supply in various scenarios.
- ◇ The maximum output power of single-port POE is 95W, and the backwards compatibility IEEE802.3af/at PoE power supply standard automatically identifies PoE devices for power supply without damaging non-PoE devices.
- ◇ Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.

■ Stable and reliable

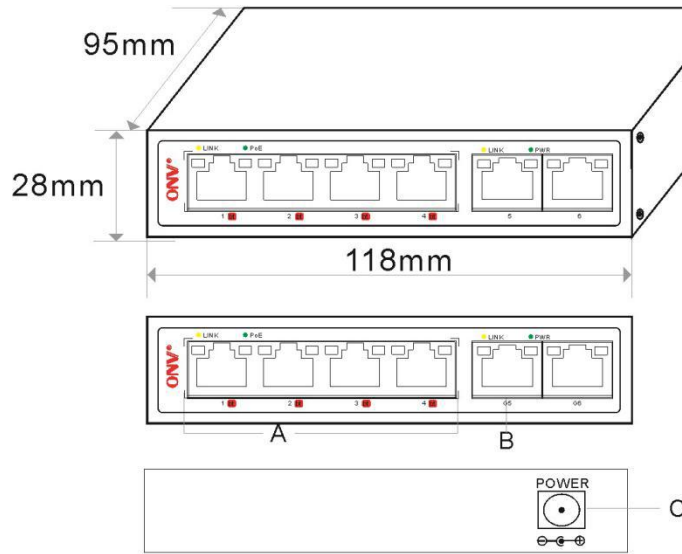
- ◇ CCC, CE, FCC, RoHS.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Low power consumption, galvanized steel casing, No fan.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ◇ The user-friendly panel, it can show the device status through the LED indicator of PWR, Link , PoE.

TECHNICAL SPECIFICATION

Model	ONV-POE31064P-bt
Interface Characteristics	
Fixed Port	4*10/100Base-TX bt PoE ports (Data /Power) 2*10/100Base-TX uplink RJ45 ports (Data)
Ethernet Port	Port 1-6 can support 10/100Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair	10BASE-T: Cat3,4,5 UTP(≤100 meter)
Transmission	100BASE-TX: Cat5 or later UTP(≤100 meter)
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	1.6Gbps (Non-blocking)
Forwarding Rate@64byte	0.89Mpps
MAC	1K
Buffer Memory	768K
Jumbo Frame	1536bytes
LED Indicator	Power: PWR (green), network: Link (yellow), PoE: PoE (green), Function switch: Extend (green)
PoE & Power	
PoE Port	Port 1 to 4 @bt POE and backward compatible with IEEE802.3af/at @ POE
Power Supply Pin	Default 1/2 (+), 3/6 (-), 4/5 (+), 7/8 (-)
Max Power Per Port	95W; IEEE802.3af/at/bt
Total PWR / Input	250W / (DC48-57V)

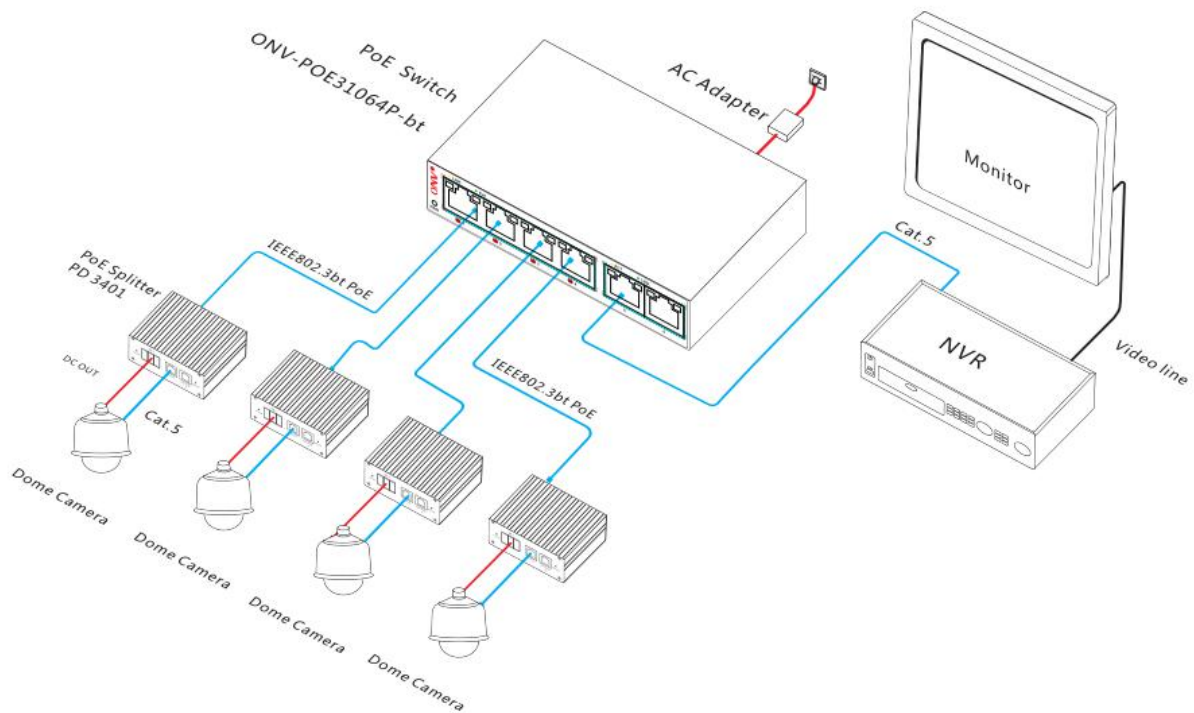
Voltage	
Power Consumption	Standby<6W, Full Load<240W
Input Voltage / Interface	DC48-57V/ DC5521 power supply terminal connected
Power Supply	External power adapter, AC100~240V 50-60Hz 4.1A
Physical Parameter	
Operation TEMP / Humidity	-20~+55°C;5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+75°C;5%~95% RH Non condensing
Dimension (L*W*H)	118*95*28mm
Net /Gross Weight	<0.5kg /<1.2kg
Installation	Desktop, wall-mounted
Certification & Warranty	
Lightning protection / protection level	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS
Warranty	3 years, lifelong maintenance.

DIMENSION



- A. 4*10/100M bt PoE ports
- B. 2*10/100M uplink RJ45 ports
- C. DC power port

APPLICATION



ORDERING INFORMATION

Model	Description	Configure Power Supply
ONV-POE31064P-bt	Unmanaged bt PoE switch with 6*10/100M RJ45 ports. Port 1-4 can support 71W super high power out and backward compatible with POE @ IEEE802.3af/at. External power supply.	250W

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	6-port 10/100M bt PoE switch	1	SET
	Power Adapter+AC Power Cable	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

RELATED PRODUCT

Model	Description
ONV-POE31064PF-bt	Unmanaged bt PoE fiber switch with 4*10/100M RJ45 ports and 2*155M uplink SFP ports. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External power supply.

ONV-POE31004PF-bt	Unmanaged bt PoE fiber switch with 4*10/100M RJ45 ports and 1*155M uplink SC port. Port 1-4 can support 71W super high power out and backward compatible with POE @ IEEE802.3af/at. External 250W power supply.
ONV-POE31064PFG-bt	Unmanaged bt PoE fiber switch with 4*10/100M RJ45 ports and 1*10/100/1000M RJ45 port and 1*1000M uplink SFP port. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External 250W power supply.
ONV-POE33064P-bt	Unmanaged bt PoE fiber switch with 4*10/100/1000M RJ45 ports. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External 250W power supply.
ONV-POE33064PFG-bt	Unmanaged bt PoE fiber switch with 5*10/100/1000M RJ45 ports and 1*1000M uplink SFP port. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External 250W power supply.
ONV-POE33064PF-bt	Unmanaged bt PoE fiber switch with 4*10/100/1000M RJ45 ports and 2*1000M uplink SFP ports. Port 1-4 can support 71W super high power out and backward compatible with POE@IEEE802.3af/at. External 250W power supply.

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