

OPTICAL NETWORK VIDEO TECHNOLOGIES (SHENZHEN) CO., LTD.

Product Datasheet

6-Port 60W 10/100Mbps UPoE Switch

ONV-POE34064P



OVERVIEW

The ONV-POE34064P is a 60W 10/100M UPoE switch independently developed by ONV. 4*10/100M ports can support 60W UPoE output, backward compatible with the IEEE 802.3af/at PoE standard. Single-port PoE power is 60W, and the maximum PoE output power is 250W. 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. Reliable power output is also transmitted.

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

FEATURE

■ 10/100Mbps fast Ethernet access

- ◇ Support 100Mbps Ethernet ports, high-speed and high switching capacity connections, meeting the networking requirements of 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 support UPoE power supply to meet the needs of PoE power supply in security monitoring, teleconferencing systems, and wireless coverage.
- ◇ Single-port POE has a maximum output power of 60W and is backward compatible with the IEEE 802.3af/at PoE power supply standard. It automatically recognizes PoE devices for power supply without damaging non-PoE devices.
- ◇ The PoE port supports the priority mechanism. When the remaining power is insufficient, the power supply of the high-priority port is preferentially guaranteed to prevent the device from being overloaded.

■ Easy to operate

- ◇ Plug and play, no configuration, simple and convenient.
- ◇ User can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link), and PoE operation indicator.

■ The equipment is stable and reliable

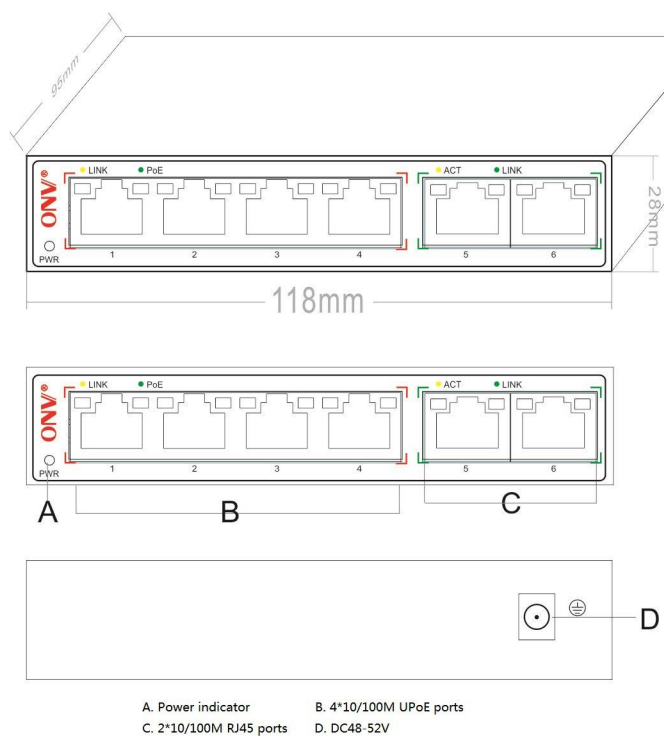
- ◇ The host has low power consumption, fanless mute design and metal casing to ensure stable operation of the product.
- ◇ The equipment fully meets the requirements of CE, FCC and RoHS safety regulations, and is safe and reliable.
- ◇ ONV self-developed power supply, high redundancy design, provides long-term stable PoE power output.

TECHNICAL SPECIFICATION

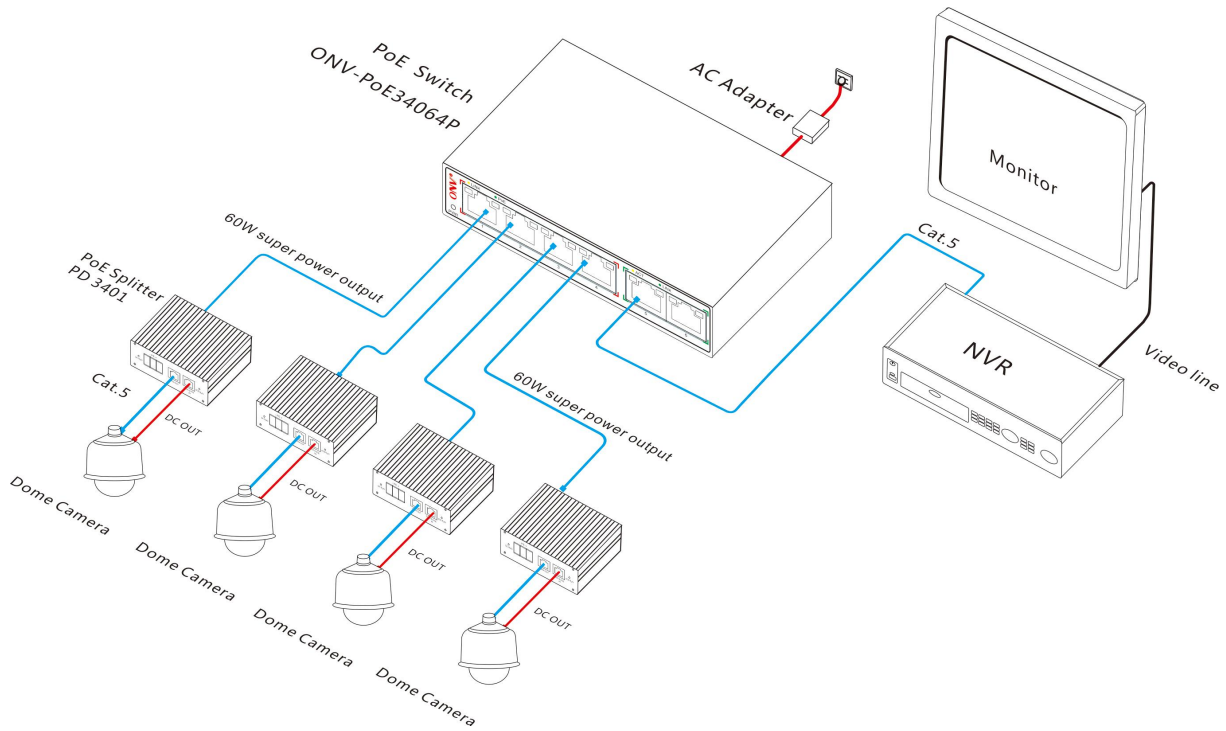
Model	ONV-POE34064P	ONV-POE34064PF
Interface	4*10/100M UPoE ports (Data /Power) 2*10/100M uplink RJ45 ports (Data)	4*10/100M UPoE ports (Data /Power) 2*155M uplink SFP ports (Data)
POE Port	Port 1-4 supports 60W UPoE and backward compatible with POE @ IEEE802.3af/at	
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3u 100Base-FX; IEEE802.3x	
PoE Standard	IEEE802.3af/at international standard , UPoE Enterprise Private Agreement	
Ethernet Port Feature	Port 1-4 can supports 10/100Base-TX,auto-sensing, full/half duplex MDI/MDI-X	
Fiber Port	No	155M SFP fiber interface, no optical module by default, need to be purchased separately (optional order single-mode / multimode, single fiber / dual fiber module, LC)
Forwarding Mode	Store and Forward (Full wire speed)	
Switching Capacity	1.6Gbps (Non-blocking)	
Forwarding Rate@64byte	0.89Mpps	
MAC	1K	
Buffer Memory	768K	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5e or later UTP(≤100 meter)	
Optical Fiber Cable	No	Multimode: 850nm 0~550M;single mode: 1310nm 0~40KM,1550nm 0-120KM.
Power Supply Pin	1/2 (+), 3/6 (-) & 4/5 (+), 7/8 (-)	
Max / Average Power Per Port	60W/30W/15.4W	60W/30W/15.4W
Total PWR / Input Voltage	250W (52VDC)	250W (52VDC)

Power Consumption	Standby:<5W; Full Load:<250W	Standby:<6W; Full Load:<250W
LED indicator	Power indicator: PWR(green); network indicator : Link(yellow);PoE indicator PoE (green); uplink fiber indicator: 5/6 (green);	
Power Supply	External power adapter; AC100~240V 50-60Hz 4.1A	
Operation TEMP / Humidity	-20~+55°C; 5%~90% RH Non-condensing	
Storage TEMP / Humidity	-40~+80°C; 5%~95% RH Non-condensing	
Dimension	118*95*28mm	
Net /Gross Weight	<0.35kg /<1kg	
Installation Method	desktop type ,wall mounted	
Port lightning protection / protection level	Port 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



APPLICATION



PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	6-port 60W 10/100Mbps UPoE switch (ONV-POE34064P)	1	SET
	Power Adapter+AC Power Cable	1	SET
	Mounting Kits	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

ORDERING INFORMATION

Model	Description
ONV-POE34064P	Unmanaged 60W UPoE switch with 4*10/100M UPoE ports and 2*10/100M RJ45 ports. Port 1-4 can support 60W UPOE out and backward compatible with POE @ IEEE802.3af/at, total power is 250W. External power supply.
ONV-POE34064PF	Unmanaged 60W UPoE fiber switch with 4*10/100M UPoE ports and 2*10/155M SFP slot ports. Port 1-4 can support 60W UPOE out and backward compatible with POE @ IEEE802.3af/at, total power is 250W. External power supply.

SELECTION OF INFORMATION

Fiber Module Selection Table

Product	Model	Description	Unit
155M Fiber Module	ONV-5315-114/SFP	SFP optical module, 155M, single-mode dual fiber 1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
	ONV-1313-20/SFP	SFP optical module, 155M, single-mode single fiber 1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
	ONV-1315-20/SFP	SFP optical module, 155M, single-mode single fiber 1550nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC

CONTACT US



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