

Product Datasheet

6-port Full Gigabit PoE Switch

(ONV-POE33064P)



OVERVIEW

The ONV-POE33064P is a gigabit unmanaged PoE switch independently developed by ONV. It has 6*10/100/1000M adaptive RJ45 ports. Port 1-4 can support IEEE 802.3 af/at PoE standard and single-port PoE power reaches 30W. 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 can supply power to PoE terminal equipment such as wireless AP, IP camera, VoIP, and visual intelligent building intercom through a network cable, and meet the network environment that needs a high-density PoE power supply. It is suitable for hotels, campuses, factory dormitories, and small and medium-sized enterprises. Unmanaged model, plug and play, no configuration, easy to use.

FEATURE

■ Gigabit access, full-line speed forwarding

- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- ◇ Support all-line high-speed forwarding, user-flexibly flexible networking, to meet the needs of various scenarios networking.

■ Smart PoE power supply

- ◇ Comply with IEEE 802.3 af/at PoE standard, automatically identify PoE devices for power

supply, and not damage non-PoE devices.

- ◇ 4*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- ◇ 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

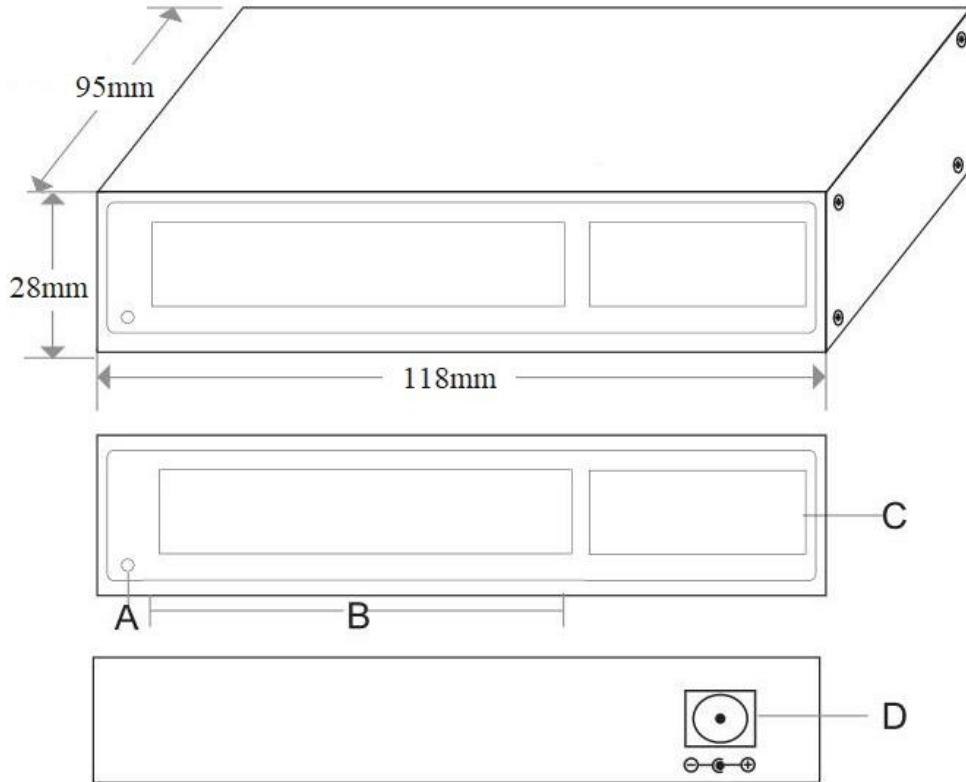
- ◇ CCC, CE, FCC, RoHS.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Self-developed power supply, high redundancy, providing a long-term and stable PoE power output.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link and PoE.
- ◇ Low power consumption, with fan, galvanized steel metal shell, and excellent heat dissipation to ensure the stable operation of the switch.

TECHNICAL SPECIFICATION

Model	ONV-POE33064P	ONV-POE33064P-at
Interface Characteristics		
Fixed Port	4*10/100/1000Base-T PoE ports (Data/Power) 2*10/100/1000Base-T uplink RJ45 ports (Data)	
Ethernet Port	Port 1-6 can support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/MDI-X self-adaption	
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)	
Chip Parameter		
Network Protocol	IEEE 802.3 10BASE-T, IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3x	

Forwarding Mode	Store and Forward (Full Wire Speed)	
Switching Capacity	16Gbps (Non-blocking)	
Forwarding Rate@64byte	8.93Mpps	
MAC	8K	
Buffer Memory	2M	
Jumbo Frame	10K	
LED Indicator	Power: PWR (Green), Data: Link(Yellow), PoE: PoE (Green)	
PoE & Power Supply		
PoE Port	Port 1-4	
Power Supply Pin	1/2(+) 3/6 (-)	
Max Power Per Port	30W, IEEE 802.3 af/at	
Total PWR / Input Voltage	65W/ DC52V	110W/ DC52V
Power Consumption	Standby<5W, Full load<65W	Standby<6W, Full load<110W
Power Supply	External power adapter, AC100~240V 50-60Hz, 1.1A	External power adapter, AC100~240V 50-60Hz, 2.0A
Physical Parameter		
Operation TEMP/ Humidity	-20°C~+55°C, 5%~90% RH Non condensing	
Storage TEMP/ Humidity	-40°C~+75°C, 5%~95% RH Non condensing	
Dimension (L*W*H)	118*95*28mm	
Net /Gross Weight	0.35kg /0.8kg	0.35kg /0.85kg
Installation	Desktop, wall mount	
Certification & Warranty		
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30	
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS	
Warranty	3 years, lifelong maintenance.	

DIMENSION



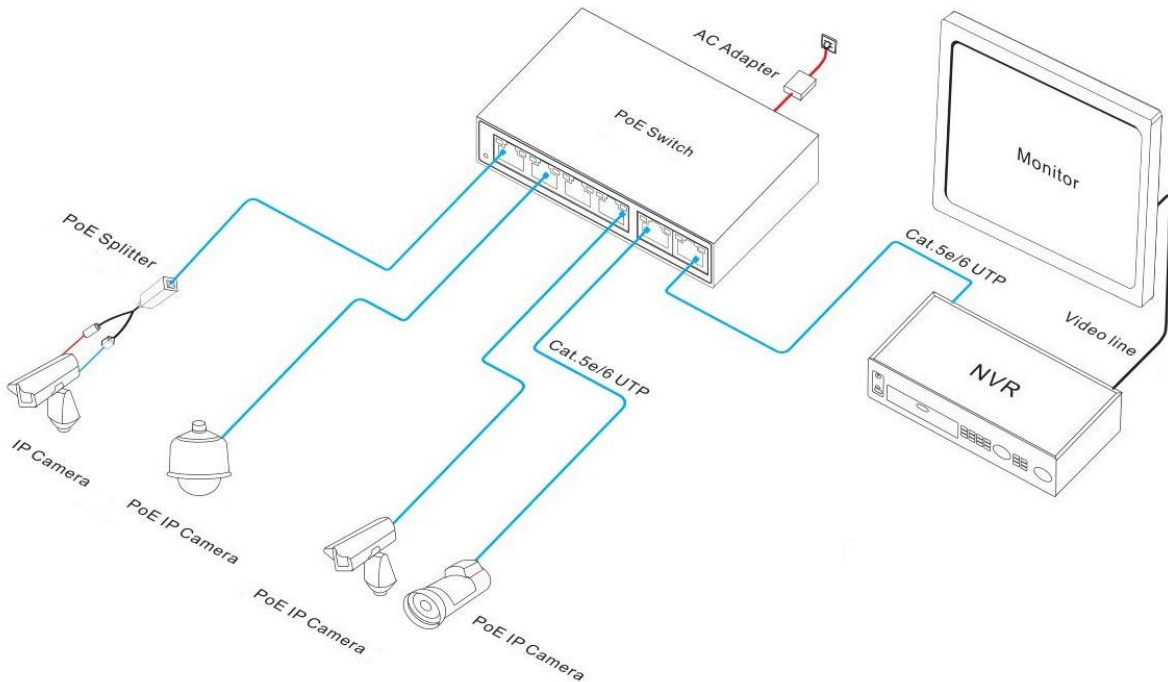
A. Working indicator

B. 4*10/100/1000M PoE ports

C. 2*10/100/1000M uplink RJ45 ports

D. Power input port DC48- 57V

APPLICATION



ORDERING INFORMATION

Model	Description	External Power Supply
ONV-POE33064P	Unmanaged PoE switch with 6*10/100/1000M RJ45 ports.	65W
ONV-POE33064P-at	Port 1-4 can support IEEE 802.3 af/at PoE standard. External power supply.	110W

PACKING LIST

Packing List	Content	Qty	Unit
	6-port full gigabit PoE switch	1	SET
	Power supply kit (AC power line + power adapter)	1	SET
	Mounting Kit (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US

ONV Optical Network Video Technologies (Shenzhen) Co., Ltd.

Tel: 0086-755-33376606

Fax: 0086-755-33376608

Email: onv@onv.com.cn

Skype: onv@onv.com.cn

WeChat ID: ONV-PoE-IoT

Website: www.onvcom.com

Headquarter Address: Room 1003, Block D, Terra Building, Futian District, Shenzhen

Factory Address: Building B3, Galaxy Artificial Intelligence Industrial Park, No. 333, Zhongkaishan Road, Chenjiang Street, Zhongkai High-tech Zone, Huizhou

