

OPTICAL NETWORK VIDEO TECHNOLOGIES (SHENZHEN) CO., LTD

Product Datasheet

10-Port Full Gigabit PoE Switch

(ONV-POE33108P/at)



OVERVIEW

The ONV-POE33108P series is a gigabit unmanaged PoE switch independently developed by ONV. It has 10*10/100/1000Base-T RJ45 ports . Port 1-8 can support IEEE 802.3af/at standard PoE power supply. single port PoE power reaches 30W, and the maximum PoE output power is 110W(at-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 can supply power to POE terminal equipment such as wireless AP, webcam, VoIP phone, building visual access control intercom, 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

■ Full gigabit access, full-line speed forwarding

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

■ Intelligent PoE power supply function

- ◇ 8*10/100/1000Base-T RJ45 ports support PoE power supply to meet the needs of PoE power supply in security monitoring, teleconferencing systems, and wireless coverage.
- ◇ Conforms to the IEEE 802.3af/at PoE power supply standard, automatically recognizes PoE devices for power supply, without damaging non-POE devices. The maximum POE output power of the entire device reaches 110W, and the maximum POE output power of a single port is 30 W.
- ◇ 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.

■ The equipment is stable and reliable

- ◇ The host has low power consumption, no fan mute design, aluminum alloy metal shell, excellent heat dissipation, and ensure stable operation of products.
- ◇ The equipment fully meets the requirements of CCC, 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.

■ Easy to operate

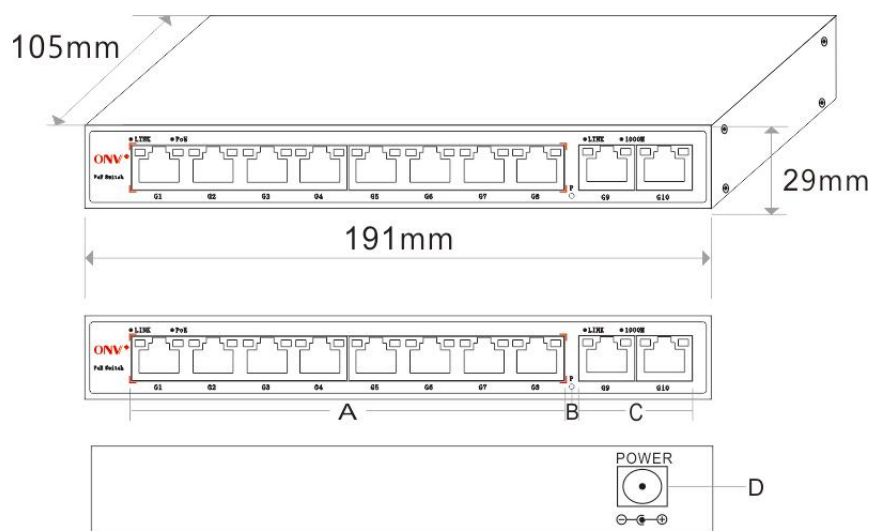
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ The user can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link), and POE operation indicator.

TECHNICAL SPECIFICATION

Model	ONV-POE33108P	ONV-POE33108P-at
Interface	8*10/100/1000Base-T PoE ports (Data/Power) 2*10/100/1000Base-T uplink RJ45 port (Data)	
POE port	Port1-8 can support POE @ IEEE802.3af/at	
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3x	
PoE Standard	IEEE802.3af/at	
Ethernet Port Feature	10/100/1000 Base-T(X),auto-sensing,full/half duplex MDI/MDI-X self-adaption	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	20Gbps	
Forwarding Rate@64byte	14.88Mpps	
MAC	8K	
Buffer Memory	2M	
Twisted Pair Transmission	10BASE-T:Cat3,4,5 UTP(≤100 meter); 100BASE-TX: Cat5 or later UTP(≤100 meter) ; 1000BASE-T:Cat5e or later UTP(≤100 meter)	
Power Supply Pin	Default: 1/2(+),3/6(-); Optional: 4/5(+),7/8(-)	
Max /Average Power Per Port	30W/15.4W	30W/30W
Total PWR / Input Voltage	110W (DC52V)	250W(DC52V)
Power Consumption	Standby<6W;Full load<110W	Standby<8W;Full load<240W
LED	Power Indicator: PWR (green); Data indicator: Link(yellow); POE indicator: PoE (green); speed indicator: 1000M (green)	
Power Supply	External power adapter AC 100~240V 50-60Hz 2.0A	External power adapter AC 100~240V 50-60Hz 4.1A
Operation TEMP / Humidity	-20~+55°C;5%~90% RH Non condensing	
Storage TEMP / Humidity	-40~+75°C;5%~95% RH Non condensing	
Dimension	191*105*29mm	

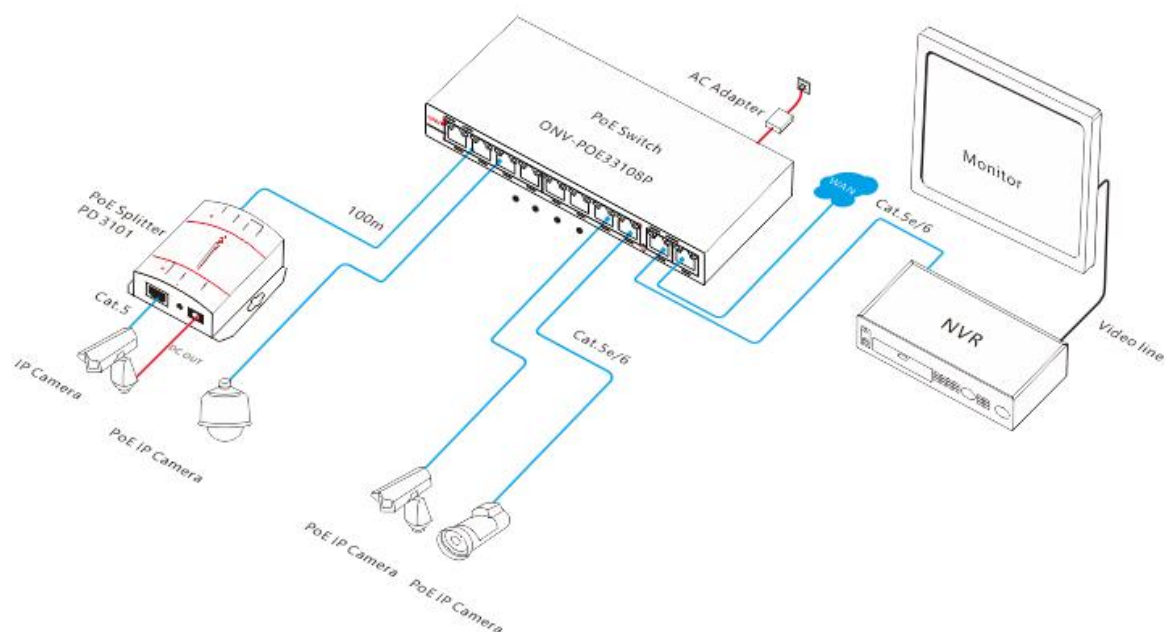
Net /Gross Weight	<0.6kg / <1.2kg	<0.6kg / <1.4kg
Installation Method	desktop type ,wall mounted	
Lightning protection / protection level	Port Lightning Protection 4KV 8/20us; Protection Level: IP30	
Certification	CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B;RoHS;	
Warranty	2 years, lifetime maintenance	

DIMENSION



- A. 8* PoE ports
- B. working indicator
- C. 2*Gigabit Uplink RJ45 ports
- D. DC power input port

APPLICATION



PACKING LIST

PACKING LIST	CONTENT	QTY	UNIT
	10-port full gigabit POE Switch (ONV-POE33108P/at)	1	SET
	AC power cable+ power adapter	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User guide	1	PC
	Warranty card	1	PC

ORDERING INFORMATION

Model	Description
ONV-POE33108P	Unmanaged PoE power switch with 10*10/100/1000M RJ45 port. Port 1-8 can support IEEE 802.3af/at PoE standard. external 110W power supply.
ONV-POE33108P-at	Unmanaged PoE power switch with 10*10/100/1000M RJ45 port. Port 1-8 can support IEEE 802.3af/at PoE standard. external 250W power supply.

CONTACT US



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

Tel: 0086-755-33376606

Fax: 0086-755-33376608

Email: onv@onv.com.cn

Website: www.onvcom.com

Zip: 518000

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

Factory Address: The 4-6th Floor, No. 59, HuaNing Road, Xinwei Community, Dalang Street, Longhua District, Shenzhen, China

