

Product Datasheet

10-port Gigabit PoE Switch

(ONV-POE33108P)



OVERVIEW

The ONV-POE33108P is a Gigabit PoE switch independently developed by ONV. It has 10*10/100/1000Base-T adaptive RJ45 ports. Port 1-8 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 IEEE 802.3x 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.
- ◇ 8*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 housing, and excellent heat dissipation to ensure stable operation of the switch.

TECHNICAL SPECIFICATION

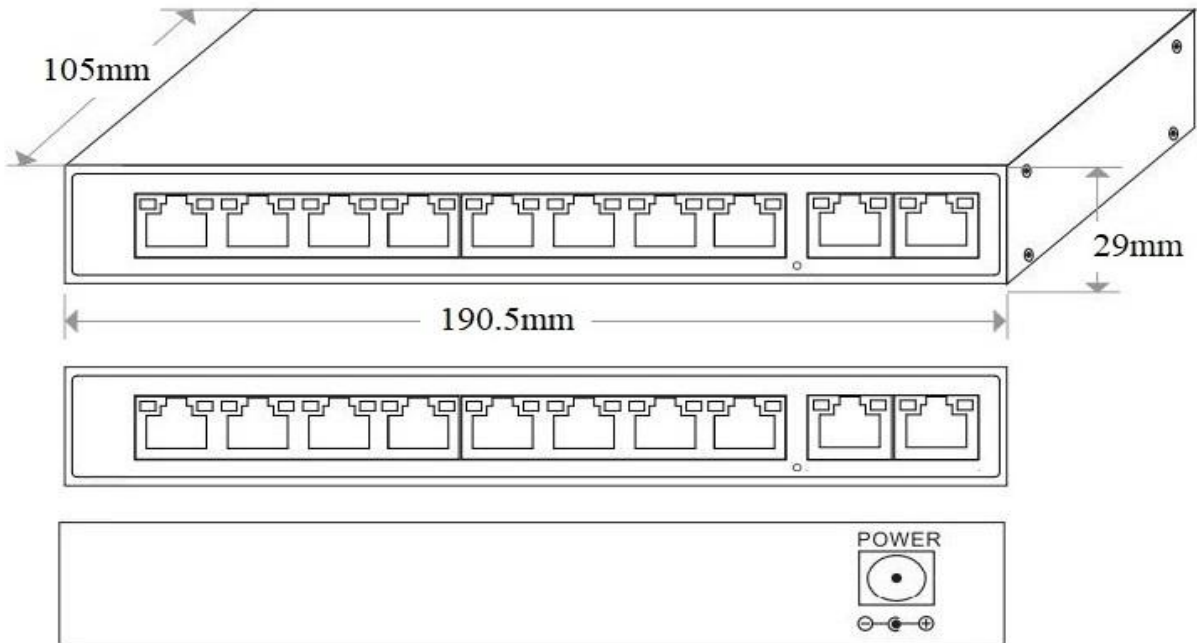
Model	ONV-POE33108P	ONV-POE33108P-at
Interface Characteristics		
Fixed Port	8*10/100/1000Base-T PoE ports (Data /Power) 2*10/100/1000Base-T uplink RJ45 ports (Data)	
Ethernet Port	Port 1-10 can support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaption	
Twisted Pair Transmission	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	20Gbps (non-blocking)	
Forwarding Rate @64byte	14.88Mpps	
MAC	8K	
Buffer Memory	2M	
Jumbo Frame	9.6K	
LED Indicator	Power: PWR (Green), Rate: 1000M (Green), PoE: PoE(Green), Network: Link (Yellow)	
PoE & Power Supply		
PoE Port	Port 1-8	
Power Supply Pin	1/2(+) 3/6 (-)	
Max Power Per Port	30W, IEEE 802.3 af/at	
Total PWR/ Input Voltage	110W /DC52V	250W /DC52V
Power Consumption	Standby<6W, Full load<110W	Standby<8W, Full load<240W
Power Supply	External power supply, AC100~240V 50-60Hz, 2.0A	External power supply, AC100~240V 50-60Hz, 5.0A
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)	190.5*105*29mm	
Net /Gross Weight	0.5kg / 1.15kg	0.55kg/ 1.6kg
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	

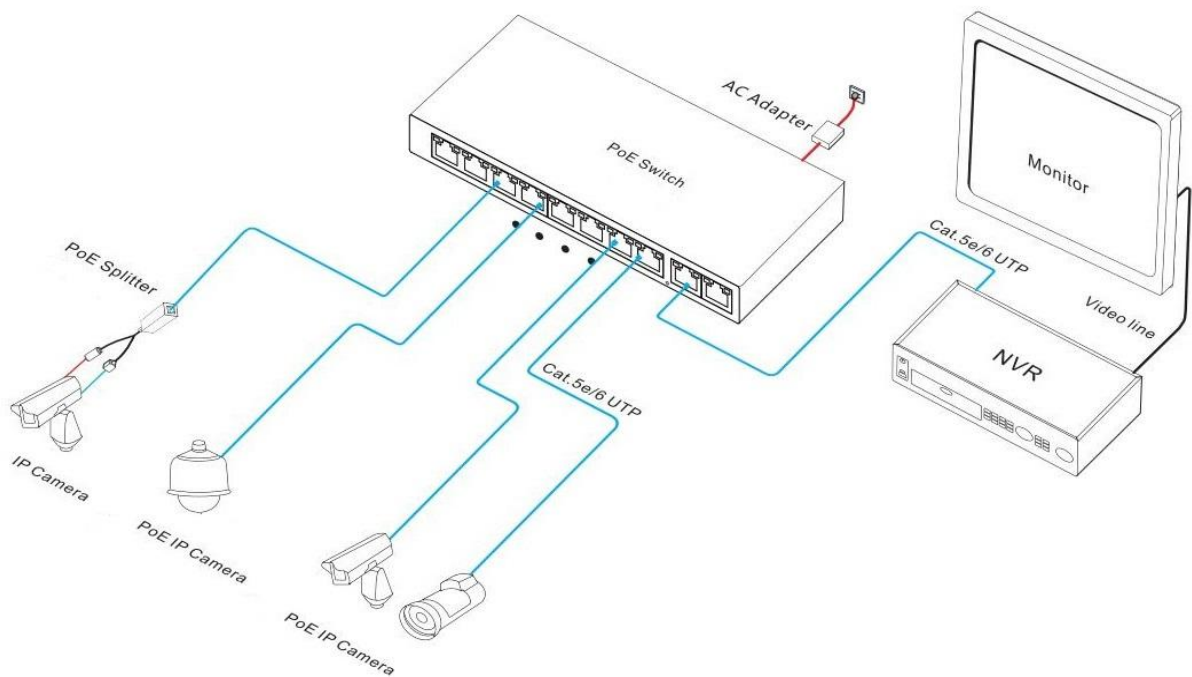
Warranty

3 years, lifelong maintenance.

DIMENSION



APPLICATION



ORDERING INFORMATION

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

PACKING LIST

	Content	Qty	Unit
Packing List	10-port Gigabit PoE switch	1	Set
	AC power line+ power adapter	1	Set
	Mounting Ear	1	Pair
	User Guide	1	PC
	Warranty Card and Certificate of Conformity	1	PC

RELATED PRODUCT

Model	Description
ONV-POE33128PF	Unmanaged PoE fiber switch with 10*10/100/1000M RJ45 ports and 2*1000M uplink SFP fiber ports. Port 1-8 can support IEEE 802.3 af/at PoE standard. It built-in 130W power supply and 1U/19" cabinet installation.
ONV-POE33016PF	Unmanaged PoE fiber switch with 16*10/100/1000M RJ45 ports and 2*1000M uplink SFP fiber ports. Port 1-16 can support IEEE 802.3 af/at PoE standard. It built-in 250W power supply and 1U/19" cabinet installation.
ONV-POE33020PF	Unmanaged PoE fiber switch with 18*10/100/1000M RJ45 ports and 2*1000M uplink SFP fiber ports. Port 1-16 can support IEEE 802.3 af/at PoE standard. It built-in 250W power supply and 1U/19" cabinet installation.
ONV-POE33024PF	Unmanaged PoE fiber switch with 24*10/100/1000M RJ45 ports and

	2*1000M uplink SFP fiber ports. Port 1-24 can support IEEE 802.3 af/at PoE standard. It built-in 400W power supply and 1U/19" cabinet installation.
ONV-POE33028PF	Unmanaged PoE fiber switch with 26*10/100/1000M RJ45 ports and 2*1000M uplink SFP fiber ports. Port 1-24 can support IEEE 802.3 af/at PoE standard. It built-in 400W power supply and 1U/19" cabinet installation.

CONTACT US

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