

Product Datasheet

8-port Full Gigabit PoE Switch

(ONV-POE33007P)



OVERVIEW

The ONV-POE33007P is a gigabit PoE switch independently developed by ONV. It has 8*10/100/1000M adaptive RJ45 ports. Port 1-7 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 phone, building visual access control intercom, etc. through a network cable, to 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 full-line-speed high-speed forwarding, allowing users to flexibly network to meet networking needs in various scenarios.

■ 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.
- ◇ 7*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.
- ◇ 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.

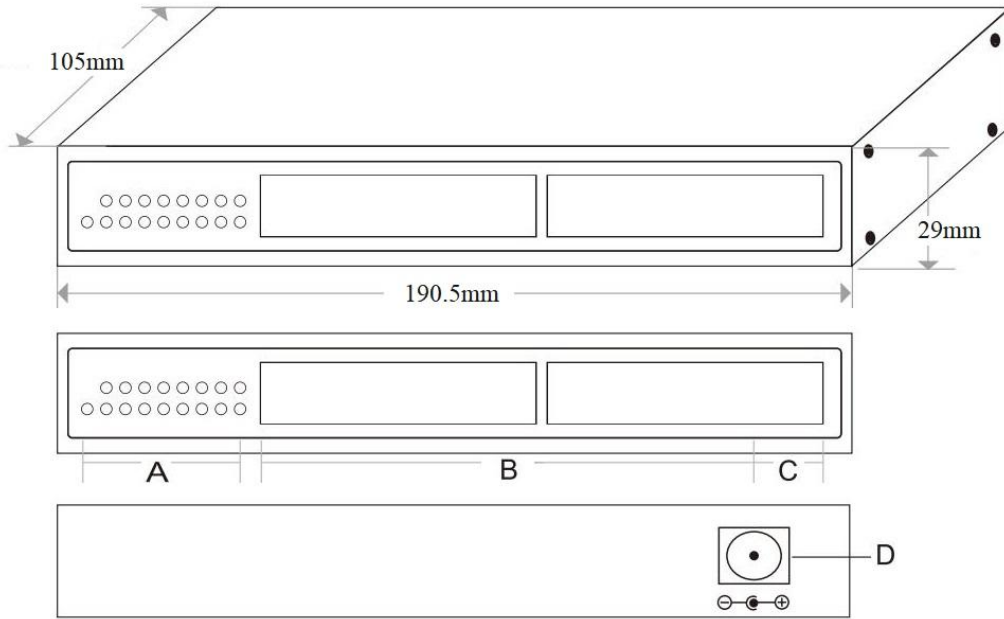
TECHNICAL SPECIFICATION

Model	ONV-POE33007P	ONV-POE33007PN	ONV-POE33007PN-at
Interface Characteristics			
Fixed Port	7*10/100/1000Base-T PoE port (Data/Power) 1*10/100/1000Base-T uplink RJ45 port (Data)		
Ethernet Port	Port 1-8 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	11.9Mpps		
MAC	8K		
Buffer Memory	2M		
Jumbo Frame	9.6K		
LED Indicator	Power: PWR (Green), Network: Link (Yellow), PoE: PoE (Green), Speed: 100M/ 1000M (Green)		
PoE & Power Supply			
PoE Port	Port 1-7		
Power Supply Pin	1/2(+) 3/6 (-)		
Max Power Per Port	30W, IEEE 802.3 af/at		
Total PWR / Input Voltage	110W/ DC52V	130W / AC100-240V	250W / AC100-240V
Power Consumption	Standby<5W, Full Load<110W	Standby<6W, Full Load<120W	Standby<7W, Full Load<240W
Power Supply	External power supply, AC100~240V 50-60Hz, 2.0A	Built-in power supply, AC100~240V 50-60Hz, 2.3A	Built-in power supply, 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)	190.5*105*29mm	270*181*44.5mm	
Net /Gross Weight	0.5kg /1.1kg	1.2kg /1.8kg	1.4kg /2.1kg
Installation	Desktop, wall mount	Desktop, wall mount, 1U/19" cabinet	
Certification & Warranty			

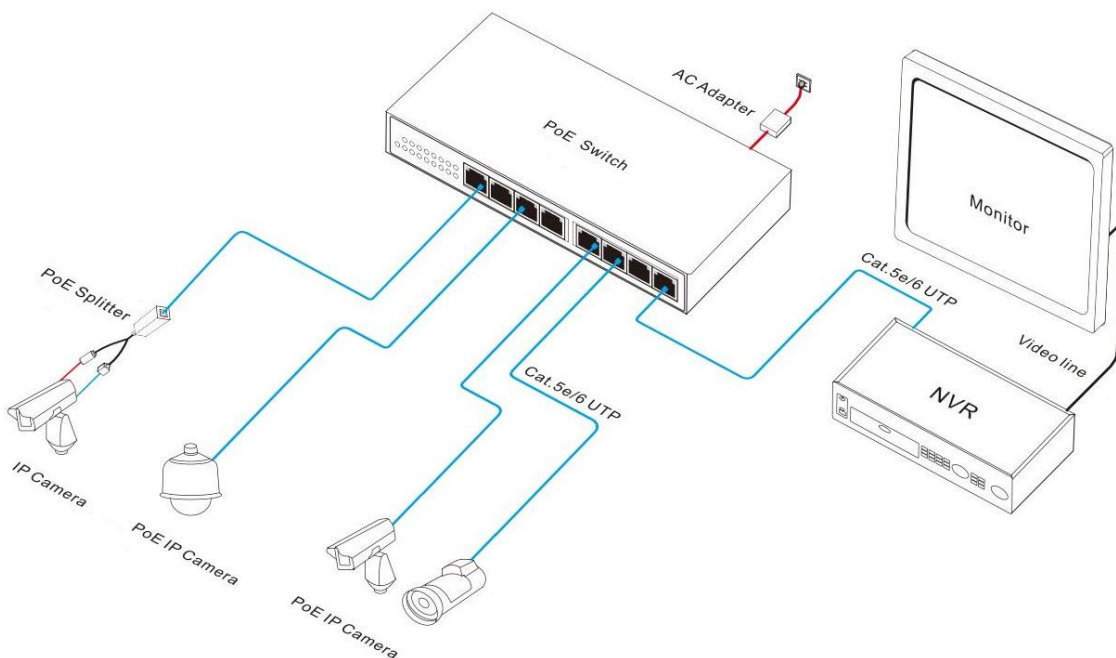
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS
Warranty	3 years, lifelong maintenance.

DIMENSION



- A. Working indicator
- B. 7*10/100/1000M PoE ports
- C. 1*10/100/1000M uplink RJ45 port
- D. Power input port DC48-57V

APPLICATION



ORDERING INFORMATION

Model	Description
ONV-POE33007P	Unmanaged PoE power switch with 8*10/100/1000M RJ45 ports. Port 1-7 can support IEEE 802.3 af/at PoE standard. External 110W power supply.
ONV-POE33007PN	Unmanaged PoE power switch with 8*10/100/1000M RJ45 ports. Port 1-7 can support IEEE 802.3 af/at PoE standard. It built-in 130W power supply and 1U/19" cabinet installation.
ONV-POE33007PN-at	Unmanaged PoE power switch with 8*10/100/1000M RJ45 ports. Port 1-7 can support IEEE 802.3 af/at PoE standard. It built-in 250W power supply and 1U/19" cabinet installation.

PACKING LIST

	Content	Qty	Unit
Packing List	8-port full gigabit PoE switch	1	SET
	Power supply kit (AC power line + power adapter)	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

RELATED PRODUCT

Model	Description
ONV-POE33108PF	Unmanaged PoE fiber switch with 8*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-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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