

Product Datasheet

9-port 10/100M PoE Switch

ONV-POE31008PN



OVERVIEW

The ONV-POE31008PN is an unmanaged PoE switch independently developed by ONV. It has 8*10/100M PoE ports and 1*10/100M uplink RJ45 port. Port 1-8 can support IEEE 802.3af/at PoE standard, single port PoE power up to 30W, the maximum PoE output power is 130W. 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 automatically detect and identify the electrical equipment that meets the standard and supply power to it through the network cable, devices including wireless AP, IP camera, IP telephone and other PoE terminal equipment etc. In addition, it is suitable for networking system of hotel, campus, dormitory and small&medium enterprise etc.

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

FEATURE

■ 10/100Mbps fast Ethernet access

- ◇ Provides 9*10/100Base-TX RJ45 ports for easy long distance transmission, which facilitates flexible networking and meets network requirements for 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

- ◇ 8*10/100Base-TX PoE ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- ◇ IEEE 802.3af/at PoE standard, without damaging non-PoE devices.

■ Stable and reliable, easy to operate

- ◇ CCC, CE, FCC, RoHS.
- ◇ Plug and play, no configuration, easy to maintain.
- ◇ Low power consumption and low noise, galvanized steel shell, No fan.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ◇ The user-friendly panel, it can show the device status through the LED indicator of P, Link, PoE.

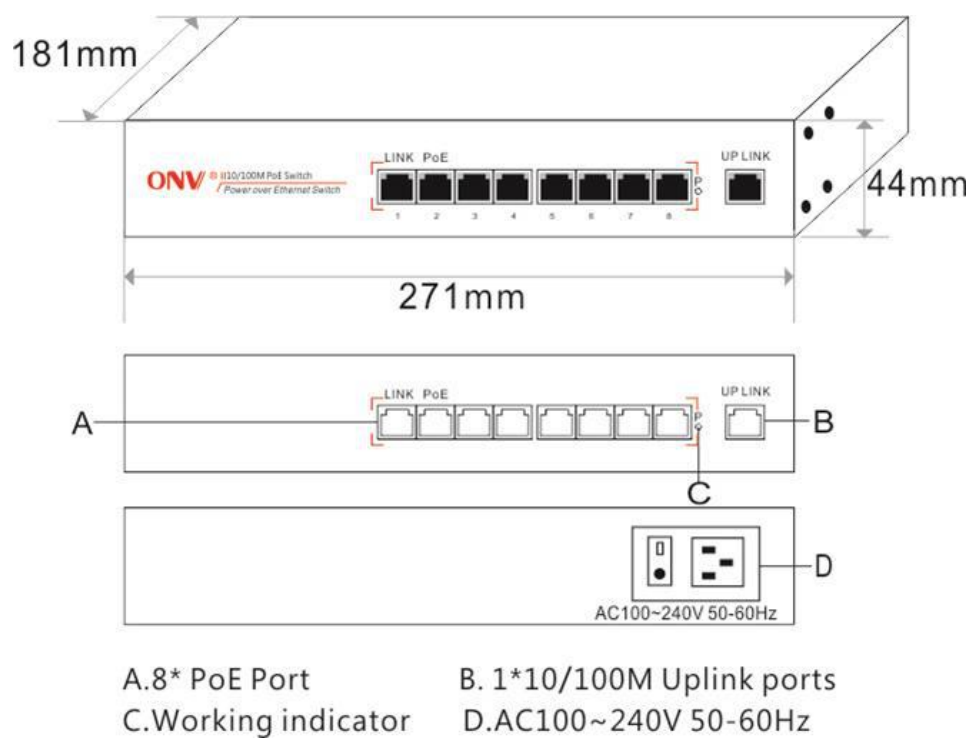
TECHNICAL SPECIFICATION

Model	ONV-POE31008PN	ONV-POE31008PN-at
Interface Characteristics		
Fixed Port	8*10/100Base-TX PoE ports (Data /Power) 1*10/100Base-TX uplink RJ45 port (Data)	

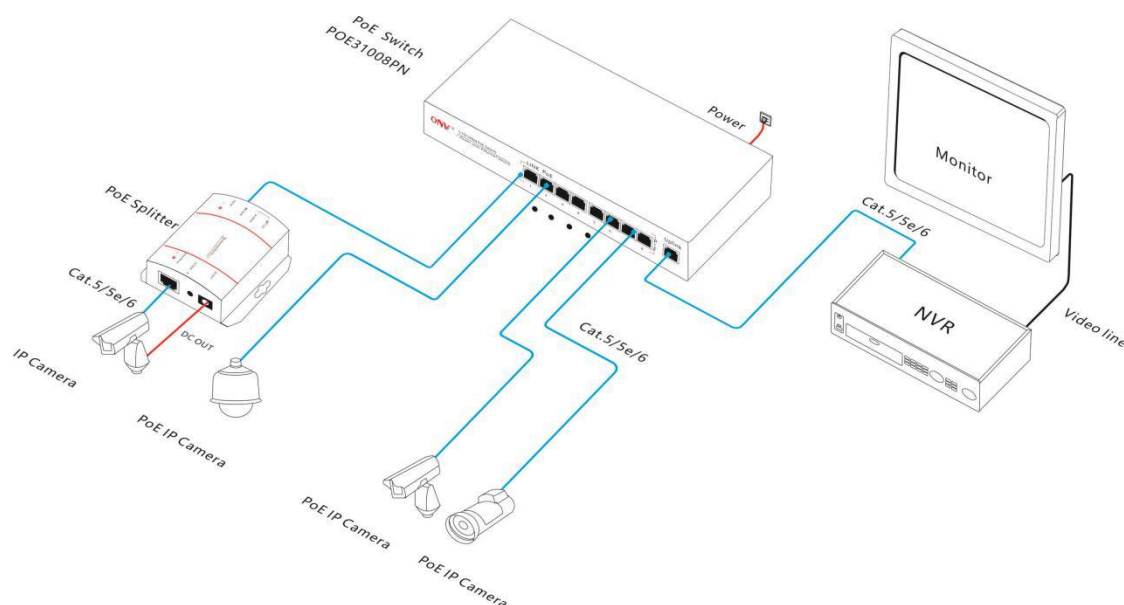
Ethernet Port	Port 1-9 support 10/100 Base-T(X) auto-sensing, full/half duplex MDI/MDI-X self-adaption	
Twisted Pair	10BASE-T: Cat3,4,5 UTP(≤100 meter)	
Transmission	100BASE-TX: Cat5 or later UTP(≤100 meter)	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	1.8Gbps (Non-blocking)	
Forwarding Rate@64byte	1.34Mpps	
MAC	2K	
Buffer Memory	1.25M	
Jumbo Frame	9.6K	
LED Indicator	Power: PWR (green), Network: Link (yellow), PoE: PoE (green)	
PoE & Power		
PoE Port	Port 1 to 8 IEEE802.3af/at @ POE	
Power Supply Pin	Defaul 1/2 (+), 3/6 (-), optional 4/5(+), 7/8(-)	
Max Power Per Port	30W; IEEE802.3af/at	
Total PWR / Input Voltage	130W/ (DC52V)	250W/ (DC52V)
Power Consumption	Standby<5W, Full load<120W	Standby<7W, Full load<240W
Power Supply	Built-in power supply, AC100~240V 50-60Hz 2.3A	Built-in power supply, AC100~240V 50-60Hz 5A
Physical Parameter		
Operation TEMP / Humidity	-20~+55°C;5%~90% RH Non condensing	
Storage TEMP /	-40~+75°C;5%~95% RH Non condensing	

Humidity		
Dimension (L*W*H)	271*181*44mm	
Net /Gross Weight	<1.2kg /<1.8kg	<1.4kg /<2.1kg
Installation	Desktop.Wall-mounted, 19 inch 1U cabinet installation	
Certification & Warranty		
Lightning protection / protection level	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



ORDERING INFORMATION

Model	Description
ONV-POE31008PN	Unmanaged PoE switch with 8*10/100M PoE ports and 1*10/100M uplink RJ45 port, Port 1-8 can support IEEE802.3af/at PoE standard. Built-in 130W power supply.
ONV-POE31008PN-at	Unmanaged PoE switch with 8*10/100M PoE ports and 1*10/100M uplink RJ45 port, Port 1-8 can support IEEE802.3af/at PoE standard. Built-in 250W power supply.

PACKING LIST

PACKING LIST	CONTENT	QTY	UNIT
	9-port 10/100M PoE switch	1	SET
	AC Power Cable	1	SET
	Mounting Kits (Hanging ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US

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