Product Datasheet

10-port Full Gigabit PoE Switch
(ONV-POE33108P)

OVERVIEW

The ONV-POE33108P is a gigabit unmanaged 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. Single-port PoE power reaches 30W, and the max 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, IP camera, 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.

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FEATURE

■ **Full 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.

■ **Intelligent 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.

◇ 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.

◇ 8*10/100/1000Base-T RJ45 support PoE power, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
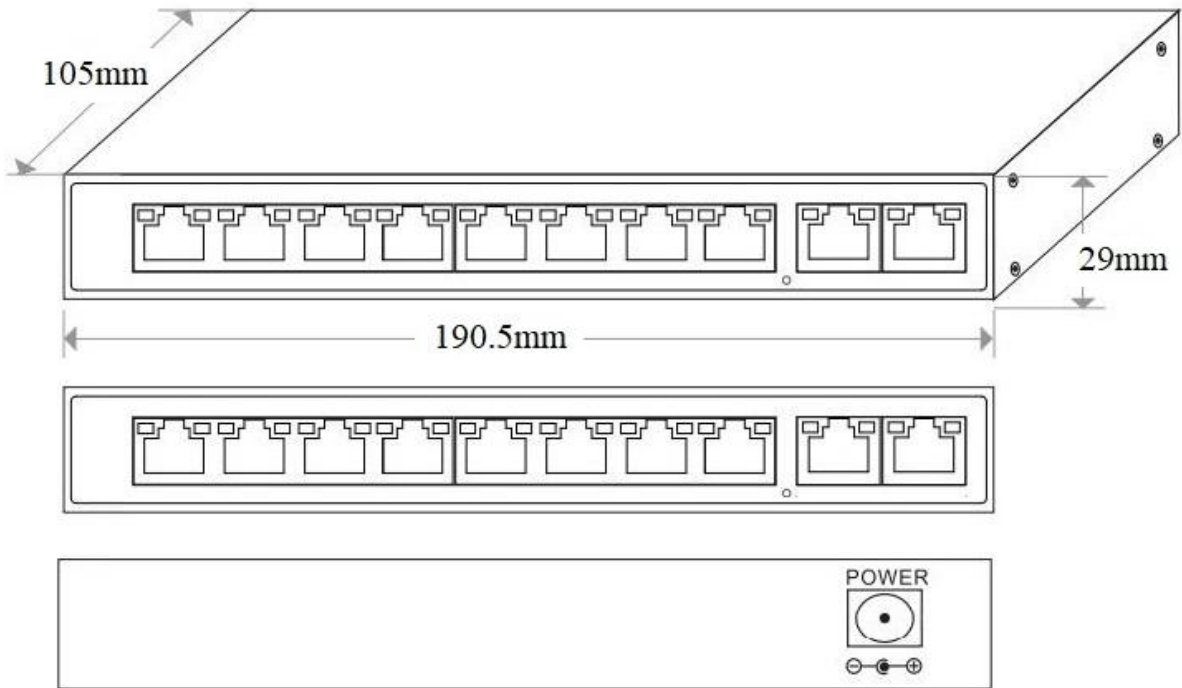
■ **Stable and reliable**

◇ CCC,CE, FCC, RoHS.

◇ Plug and play, no configuration, simple and convenient.

◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link, PoE.

◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

◇ Low power consumption, with fan, galvanized steel shell, excellent heat dissipation to ensure stable operation of the switch.
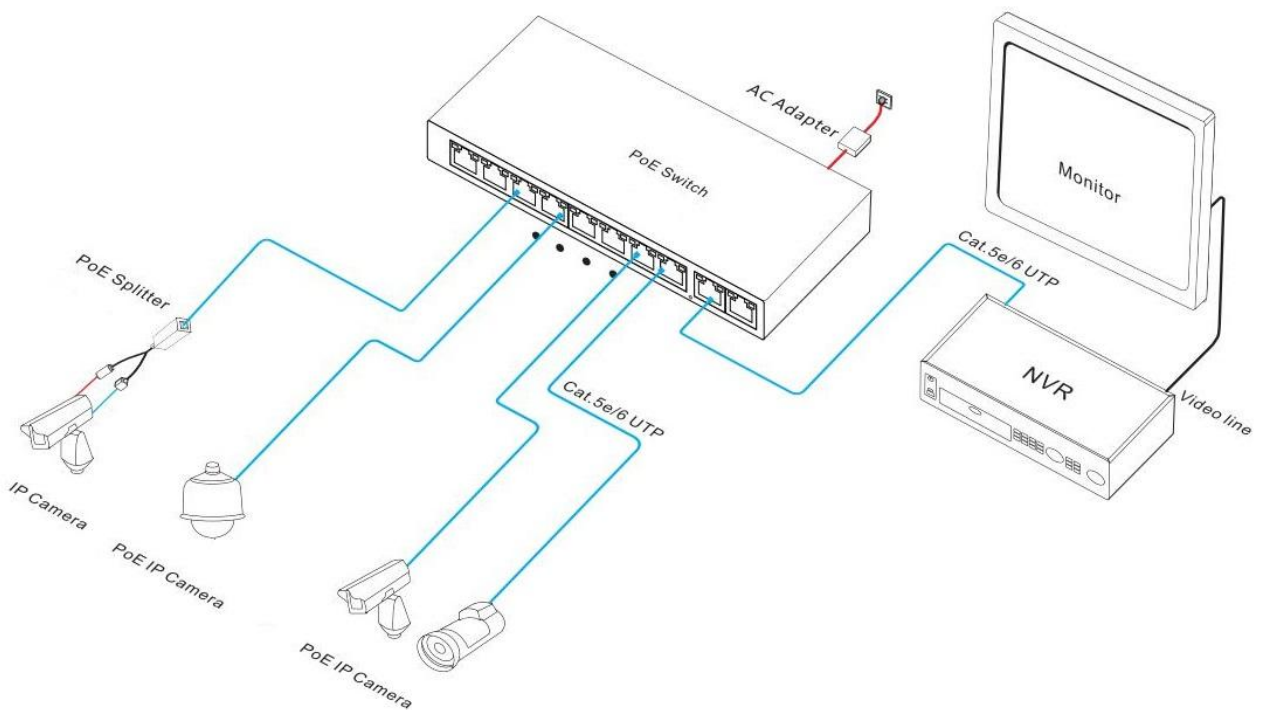
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TECHNICAL SPECIFICATION

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 port (Data)	
Ethernet Port	Port 1-10 can support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaptio	
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	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	20Gbps	
Forwarding Rate@64byte	14.88Mpps	
MAC	8K	
Buffer Memory	2M	
Jumbo Frame	9.6K	
LED Indicator	Power: PWR (Green), PoE: PoE(Green) Network: Link(Yellow), Speed: 1000M(Green)	
Reset Switch	Yes, One-button factory reset	
PoE & Power Supply		
PoE Port	Port 1 to 8 IEEE 802.3 af/at	
Power Supply Pin	Default: 1/2(+)3/6(-), optional: 4/5 (+) 7/8 (-)	

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 adapter AC100~240V 50-60Hz 2.0A	External power adapter AC100~240V 50-60Hz 4.1A
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	<0.6kg / <1.2kg	<0.6kg / <1.4kg
Installation	Desktop, Wall Mount, 19 inch 1U 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.	

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DIMENSION

APPLICATION

ORDERING INFORMATION

Model	Description
ONV-POE33108P	Unmanaged PoE switch with 10*10/100/1000M RJ45 port. Port 1-8 can support IEEE802.3af/at PoE standard. External 110W power supply.
ONV-POE33108P-at	Unmanaged PoE switch with 10*10/100/1000M RJ45 port. Port 1-8 can support IEEE802.3af/at PoE standard. External 250W power supply.

PACKING LIST

	Content	Qty	Unit
Packing List	10-port full gigabit PoE switch	1	SET
	AC Power Cable+ Power Adapter	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US

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