Product Datasheet

3-port Gigabit PoE Switch

(ONV-POE33032PL)

OVERVIEW

The ONV-POE33032PL is a gigabit PoE switch independently developed by ONV. It has 3*10/100/1000M RJ45 ports. Port 1-2 can support IEEE 802.3 af/at PoE standard, and single-port PoE power reaches 30W. Adding a 10M/250m functional switch to the PoE power port breaks through the twisted-pair transmission limit of 100 meters, effectively solving network transmission within 200 meters. 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 the 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.

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FEATURE

■   **Full Gigabit access, full wire speed forwarding**

◇ Support non-blocking wire-speed forwarding.

◇ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

◇ Full wire-speed high-speed forwarding, which facilitates flexible networking of users and meets networking requirements in various scenarios.

■   **Smart PoE power supply**

◇ 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.

◇ 2*10/100/1000Base-T RJ45 ports can support PoE meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

◇ The max output power of single-port PoE is 30W and the backward compatibility IEEE 802.3 af/at PoE standard automatically identifies PoE devices for power supply without damaging non-PoE devices.
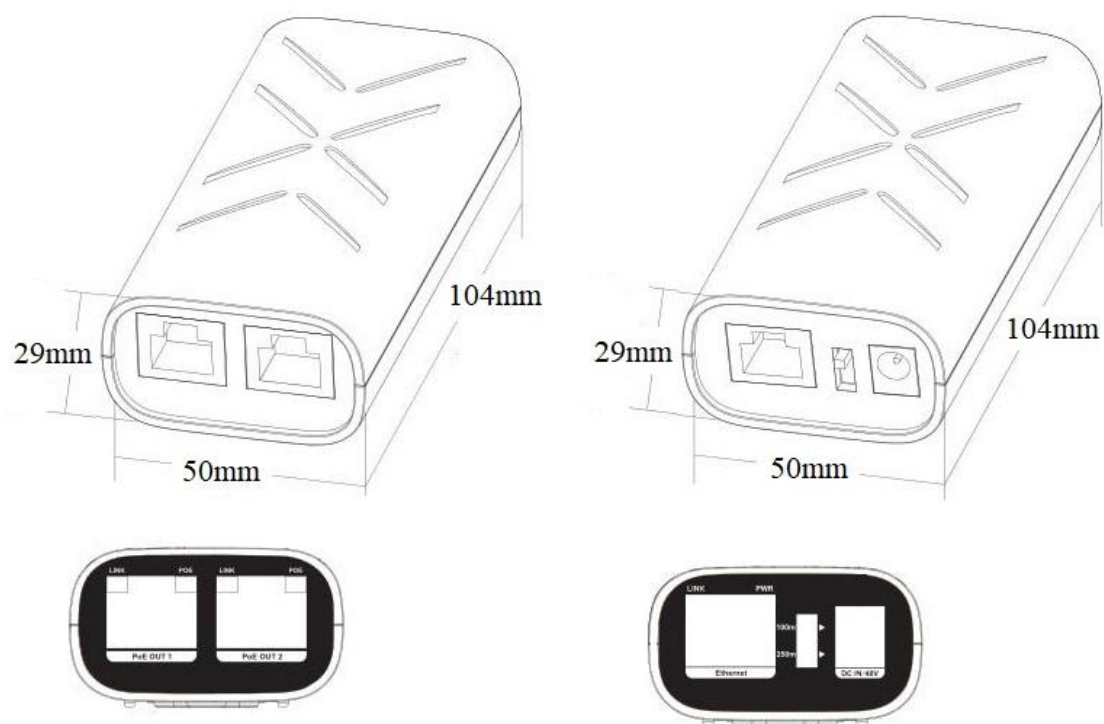
■   **Stable and reliable**

◇ 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.

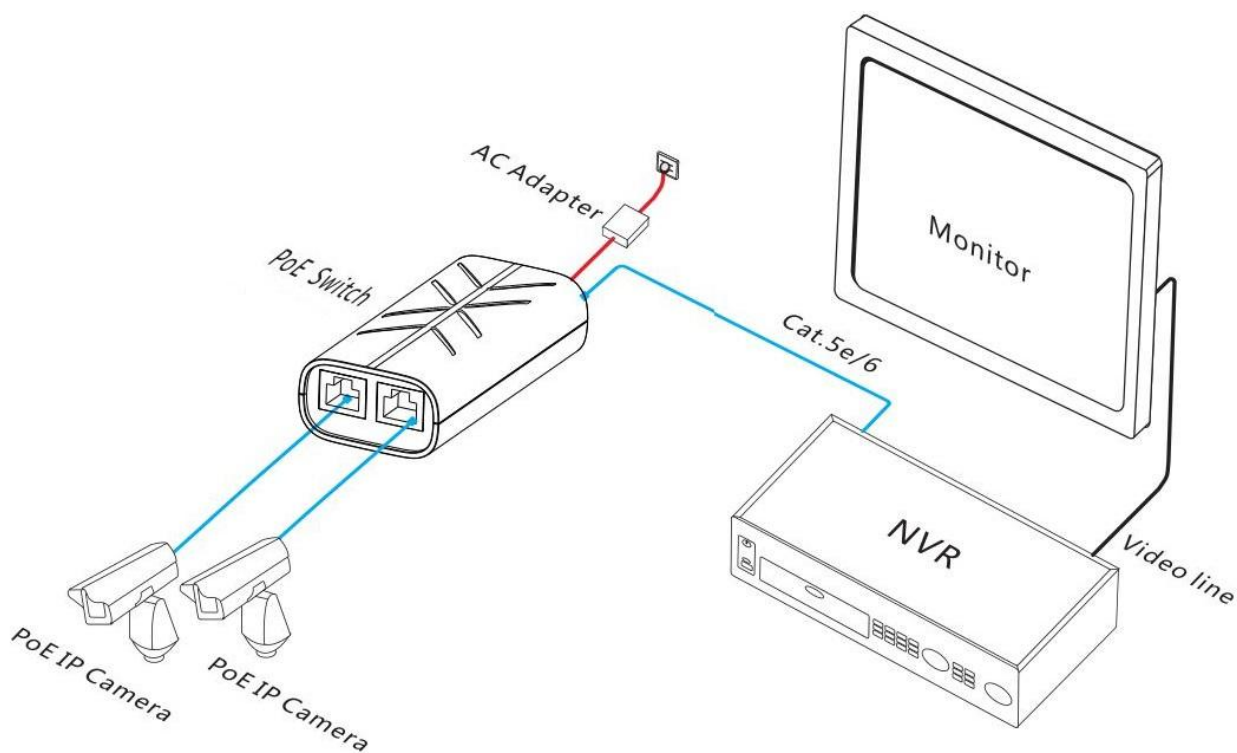◇ Low power consumption, No fan, advanced ABS and PC flame-retardant plastic shell is exquisite and beautiful.

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TECHNICAL SPECIFICATION

Model	ONV-POE33032PL
Interface Characteristics	
Fixed Port	2*10/100/1000Base-T PoE ports (Data/Power) 1*10/100/1000Base-T uplink RJ45 port (Data)
Ethernet Port	Port 1-3 support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaption
Twisted Pair Transmission	10BASE-T:Cat3,4,5 UTP(≤250 meters) 100BASE-TX:Cat5 or later UTP(≤100 meters) 1000BASE-T:Cat5e or later UTP(≤100 meters)
Functional Switch	100m: 100m transmission
	250m: 250m transmission, default off, enable on
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	12Gbps (Non-blocking)
Forwarding Rate@64byte	4.46Mbps
MAC	2K
Buffer Memory	2M
Jumbo Frame	9.2K
LED Indicator	Power: PWR (Green), Data: Link(Yellow), POE: PoE (Green)
PoE & Power Supply	
PoE Port	Port 1-2
Power Supply Pin	1/2(+) 3/6 (-)
Max Power Per Port	30W, IEEE 802.3 af/at

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Total PWR / Input Voltage	65W/ (52V)
Power Consumption	Standby<4W, Full load<65W
Input Voltage and Interface	DC48-57V, DC5521 power terminal connection
Power Supply	External power adapter, AC100-240V 50-60Hz 1.1A
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)	104*50*29mm
Net /Gross Weight	<0.09kg /<0.18kg
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.

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DIMENSION

APPLICATION

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ORDERING INFORMATION

Model	Description	Power Adapter
ONV-POE33032PL	Unmanaged PoE switch with 2*10/100/1000M PoE ports and 1*10/100/1000M uplink RJ45 port. Port 1-2 can support IEEE 802.3 af/at PoE standard. External power adapter.	65W

PACKING LIST

Packing List	Content	Qty	Unit
	3-port Gigabit PoE switch	1	SET
	AC Power Cable and Power Adapter	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US

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