

Product Datasheet

6-port Gigabit PoE Switch

(ONV-H3064PS)



OVERVIEW

The ONV-H3064PS is a Gigabit PoE switch independently developed by ONV. It has 4*10/100/1000Base-T RJ45 ports and 2*10/100/1000Base-T uplink RJ45 ports. Port 1-4 can support PoE+ power supply and single-port PoE power up to 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, video 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 quarters, and small and medium-sized enterprises to form an economy-efficient network. Unmanaged mode, plug and play, no configuration, easy to use.

FEATURE

■ Gigabit speed, uplink RJ45 port

- ◇ Support IEEE802.3x full-duplex flow control and Backpressure.
- ◇ Support non-blocking wire-speed forwarding for smoother transmission.
- ◇ Provides Gigabit RJ45 ports and RJ45 port uplink for flexible networking and meets the networking requirements of various scenarios.

■ Smart PoE power supply

- ◇ Comply with PoE+ power supply standard, automatically identify PoE devices for power supply without damaging non-PoE devices.
- ◇ 4*10/100/1000Base-T PoE ports can support PoE power to meet the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- ◇ The PoE port supports the priority mechanism. When the remaining power is insufficient, the power of the high-priority port is given priority to avoid overloading of the device.

■ Stable and reliable

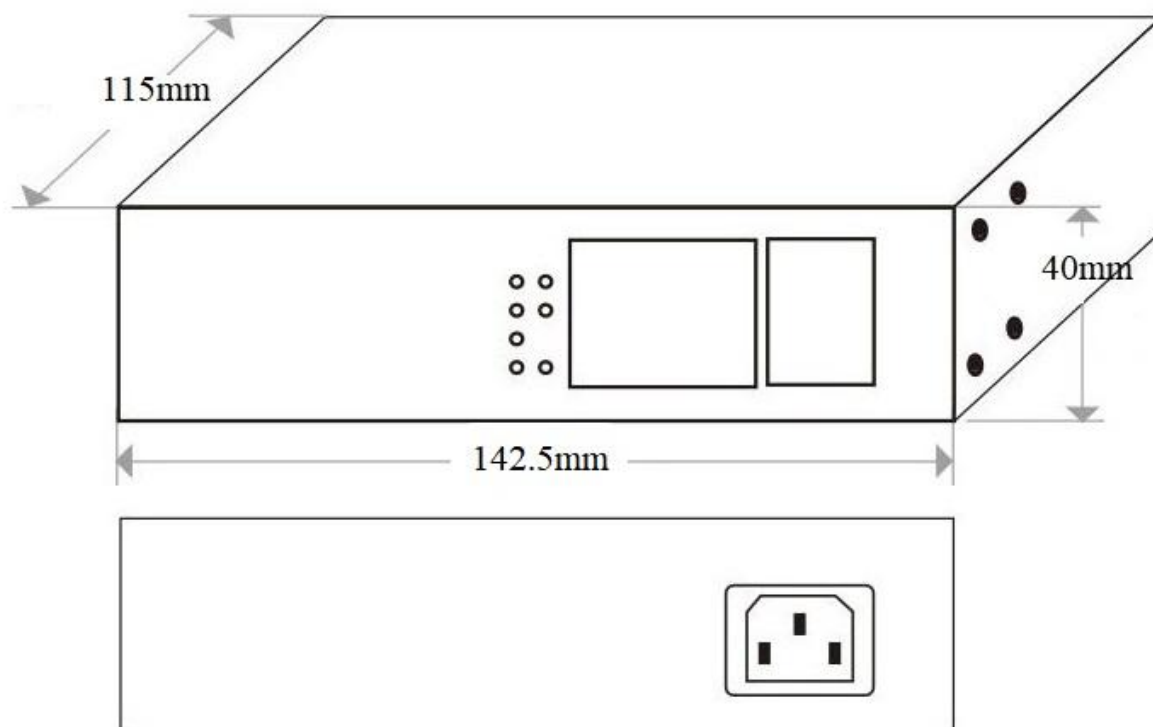
- ◇ CCC, CE, FCC, RoHS.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link, and PoE.
- ◇ Self-developed power supply, high redundancy design, providing a long-term and stable PoE power output.
- ◇ Low power consumption, galvanized steel casing, and excellent heat dissipation to ensure the stable operation of the switch.

TECHNICAL SPECIFICATION

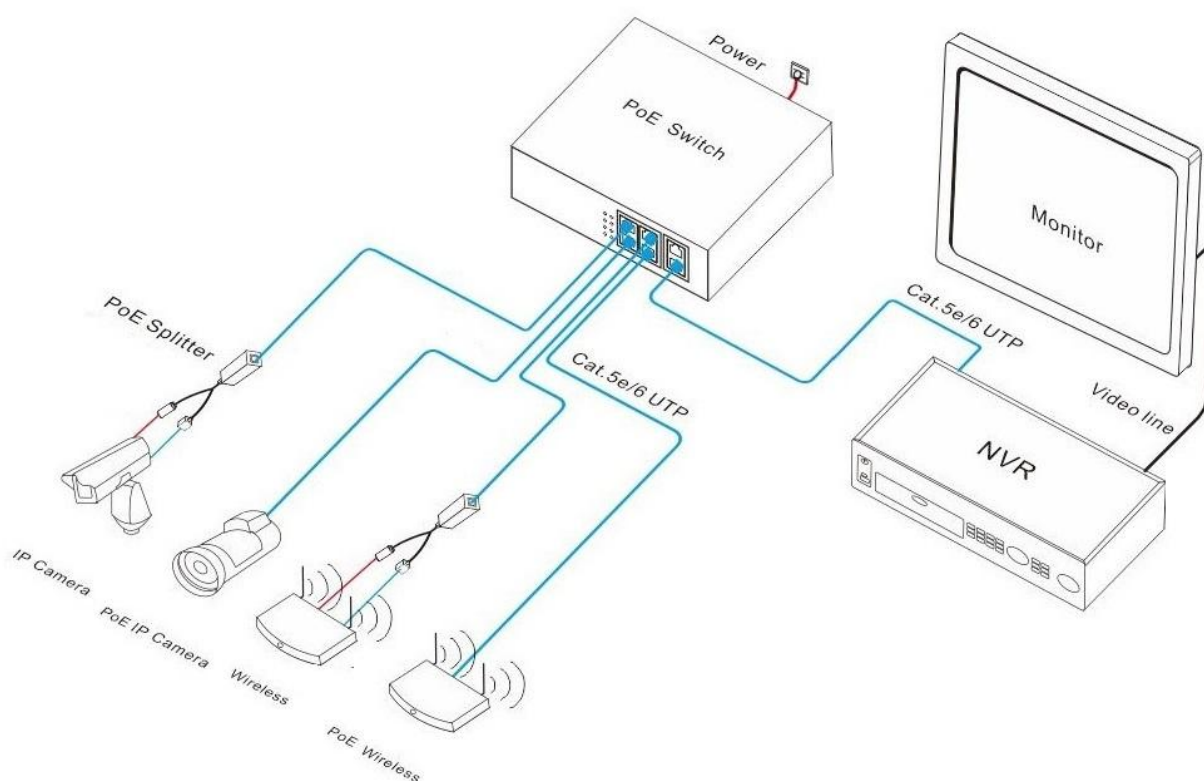
Model	ONV-H3064PS	ONV-H3108PS
Interface Characteristics		
Fixed Port	4*10/100/1000Base-T PoE ports (Data/ Power)	8*10/100/1000Base-T PoE ports (Data/ Power)
	2*10/100/1000Base-T uplink RJ45 ports (Data)	2*10/100/1000Base-T uplink RJ45 ports (Data)
Ethernet Port	Port 1-6/ 1-10 support 10/100/1000Base-T 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	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	16Gbps (non-blocking)	20Gbps (non-blocking)
Forwarding Rate@64byte	8.93Mpps	14.88Mpps
MAC	8K	2K
Buffer Memory	2M	
Jumbo Frame	9.2k	
LED Indicator	Power: PWR (Green), Network: Link (Green), PoE: PoE (Green)	
PoE& Power Supply		
PoE Port	Port 1-4	Port 1-8
Power Supply Pin	1/2(+) 3/6(-)	
Max Power Per Port	30W, PoE+	
Total PWR/ Input Voltage	65W/ (AC100-240V)	120W/ (AC100-240V)
Power Consumption	Standby<5W, full load<65W	Standby<6W, full load<120W

Power Supply	Built-in power supply, AC100~240V	Built-in power supply, AC100~240V
	50-60Hz, 1A	50-60Hz, 2.2A
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)	142.5*115*40mm	195*130*40mm
Net /Gross Weight	0.55kg/ 0.8kg	0.75kg /1.0kg
Installation	Desktop, Wall mounted	
Certification& Warranty		
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30	
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15, RoHS	
Warranty	1 year, lifelong maintenance.	

DIMENSION



APPLICATION



ORDERING INFORMATION

Model	Description	Built-in Power Supply
ONV-H3064PS	PoE switch with 6*10/100/1000M RJ45 ports. Port 1-4 can support PoE+ power supply. Built-in power supply.	65W
ONV-H3108PS	PoE switch with 10*10/100/1000M RJ45 ports. Port 1-8 can support PoE+ power supply. Built-in power supply.	120W

PACKING LIST

Packing List	Content	Qty	Unit
	6-port Gigabit PoE switch	1	Set
	AC Power Line	1	PC
	User Guide	1	PC
	Warranty Card and Certificate of Conformity	1	PC

CONTACT US



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