

Product Datasheet

10-port Gigabit PoE Switch

(ONV-H3108PS)



OVERVIEW

The ONV-H3108PS is a Gigabit PoE switch independently developed by ONV. It has 10*10/100/1000Base-T RJ45 ports. Ports 1-8 support the PoE+ standard and single-port PoE power up to 30W. As a PoE power supply device, it can automatically detect and identify the power-receiving device that meets the standard and power it through the network cable. It can power wireless APs, IP cameras, VoIP, video access control intercoms, and other PoE terminal devices through the network cable to meet the network environment that requires a high-density PoE power supply. It is suitable for small and medium-sized enterprises such as hotels, campuses, parks, banks, hospitals, and factories to build economical and efficient networks. Plug-and-play, simple, and convenient 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.
- ◇ 8*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

- ◇ 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

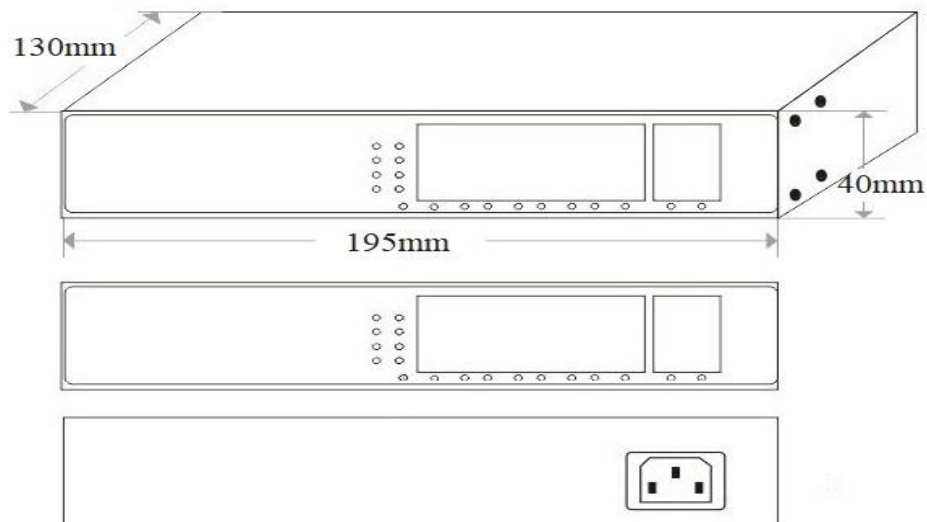
Model	ONV-H3064PS	ONV-H3108PS
Interface Characteristics		
Fixed Port	4*10/100/1000Base-T PoE ports (Data/ Power) 2*10/100/1000Base-T uplink RJ45 ports (Data)	8*10/100/1000Base-T PoE ports (Data/ Power) 2*10/100/1000Base-T uplink RJ45 ports (Data)
Ethernet Port	Ports 1-6 support 10/100/1000Base-T	Ports 1-10 support 10/100/1000Base-T

	auto-sensing, full/ half duplex MDI/ MDI-X self-adaption	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	12Gbps (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 50-60Hz, 1.0A	Built-in power supply, AC100~240V 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	

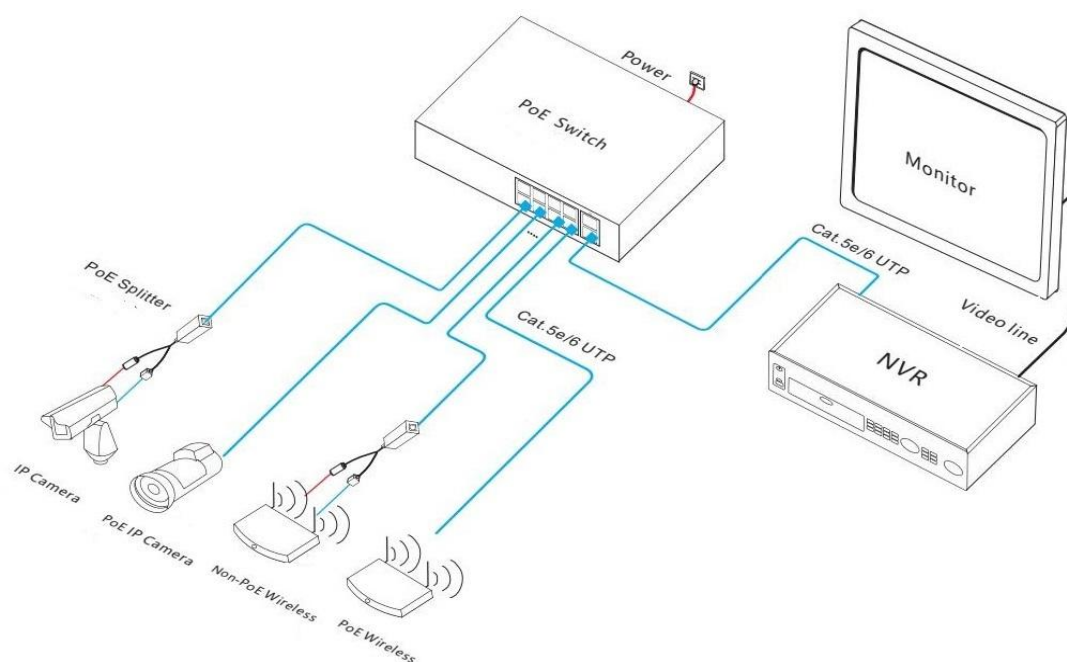
Certification& Warranty

Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	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. Ports 1-4 support PoE+ power supply. Built-in power supply.	65W
ONV-H3108PS	PoE switch with 10*10/100/1000M RJ45 ports. Ports 1-8 support PoE+ power supply. Built-in power supply.	120W

PACKING LIST

	Content	Qty	Unit
Packing List	10-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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