Product Datasheet

8-port Gigabit Ethernet Switch

(ONV-H3008)

OVERVIEW

The ONV-H3008 is an unmanaged gigabit Ethernet switch independently developed by ONV. It has 8*10/100/1000M RJ45 ports. The scheme of the large backplane and large cache switching chip is preferred to improve the forwarding rate of large files and effectively solve the problems of video freeze and picture loss in the high-definition surveillance environment. It is suitable for hotels, banks, campuses, factory quarters and small and medium-sized enterprises to establish a cost-effective network.

Unmanaged mode, plug and play, no configuration, simple and convenient to use.

FEATURE

■ Full gigabit rate, high-speed transmission

◇ Support full Gigabit Ethernet port, high speed and fast transmission, convenient for users to flexibly network to meet various high-definition network requirements.

◇ Support non-blocking wire-speed forwarding.

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

■ Stable and reliable, easy to operate

◇ CE, FCC, RoHS.

◇ Low power consumption, metal casing, the fan active cooling.

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

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

◇ The user-friendly panel can show the device status through the LED indicator of PWR, L/A.

TECHNICAL SPECIFICATION

Model	ONV-H3005	ONV-H3008
Interface Characteristics		
Fixed Port	5*10/100/1000Base-T RJ45 ports (Data)	8*10/100/1000Base-T RJ45 ports (Data)
Ethernet Port	10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption.	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T	

	IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-TX, IEEE802.3x	
Forwarding Mode	Store and Forward(Full line speed)	
Switching Capacity	10Gbps (Non-blocking)	16Gbps (Non-blocking)
Forwarding Rate@64byte	7.44Mpps	11.9Mpps
MAC	2K	
Buffer Memory	2M	
Jumbo Frame	9.2K	
LED Indicator	Power: PWR (Green), Network:L/A(Green)	
Power Supply		
Total PWR / Input Voltage	5W (DC9-12V)	7W (DC9-12V)
Power Consumption	Standby<1W, Full Load<5W	Standby<2W, Full Load<7W
Power Supply	External power adapter, AC100~240V 50-60Hz 0.56A	
Physical Parameter		
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing	
Storage TEMP / Humidity	-40~+75°C, 5%~95% RH Non condensing	
Dimension (L*W*H)	90*70*27mm	144*77.5*26mm
Net /Gross Weight	<0.2kg /<0.5kg	<0.35kg /<0.6kg
Installation	Desktop, Wall-mounted	
Certification & Warranty		
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30	
Certification	CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS	
Warranty	1 year, lifelong maintenance	

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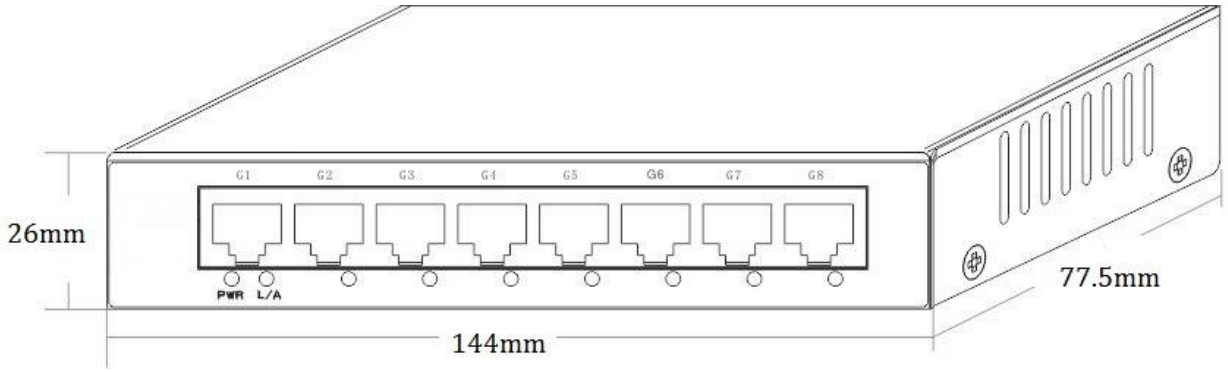
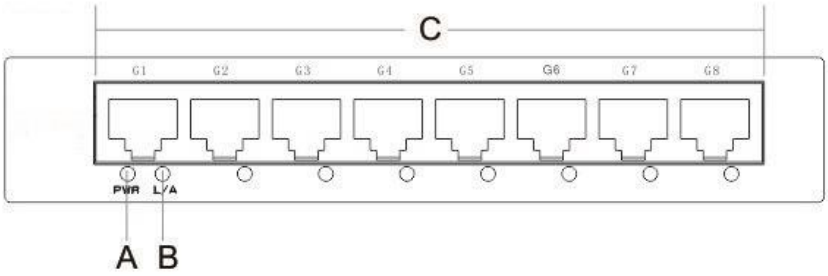
DIMENSION



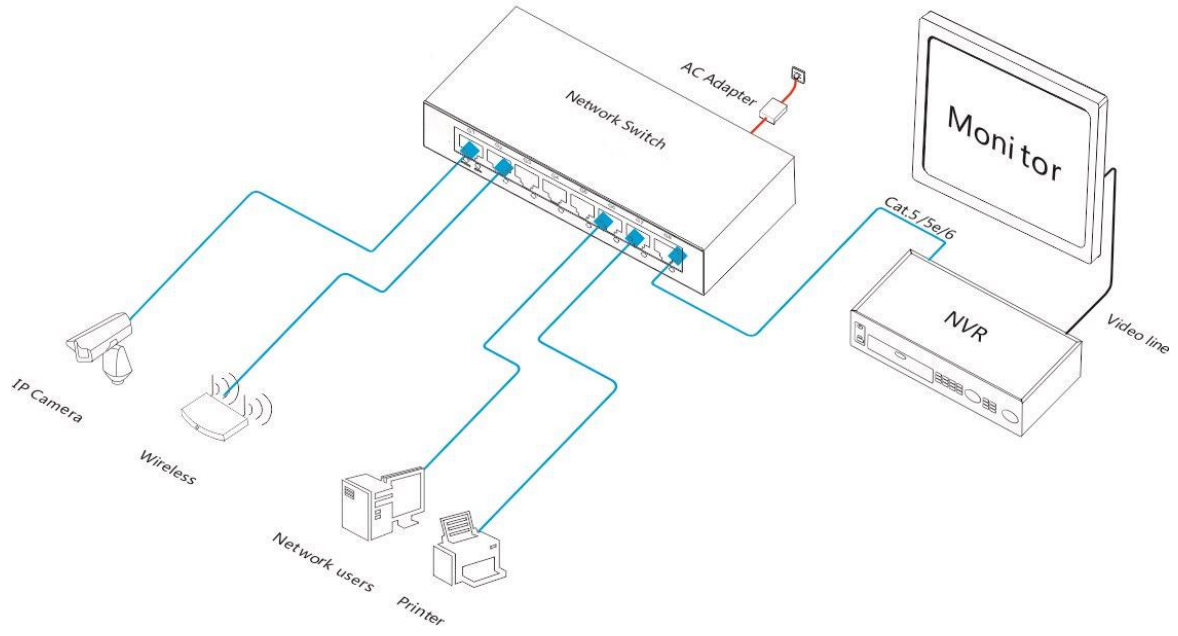


A. Power indicator

B. Network indicator

C. 8*10/100/1000M RJ45 ports

APPLICATION



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ORDERING INFORMATION

Model	Description	External Power Adapter
ONV-H3005	Unmanaged Ethernet switch with 5*10/100/1000M RJ45 ports. External power adapter.	5W
ONV-H3008	Unmanaged Ethernet switch with 8*10/100/1000M RJ45 ports. External power adapter.	9W

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	8-port gigabit Ethernet switch	1	SET
	Power Adapter	1	PC
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US

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