Product Datasheet

16-port 10/100M Fast Ethernet Switch

(ONV-H1016)

OVERVIEW

The ONV-H1016 is a high performance and easy-to-maintain high speed forwarding unmanaged fast Ethernet switch independently developed by ONV. It is suitable for hotels, banks, campuses, factory dormitories, and small and medium-sized enterprises.

The ONV-H1016 has 16*10/100M adaptive RJ45 ports. The bidirectional transmission rate is up to 200Mbps, which realizes the convenient connection and expansion of the network. Each port support full line-speed forwarding. 4M large-capacity cache to ensure timely transmission of large files and stable video streaming. 7*24 hours of stability, and no disconnection effectively solving problems such as video freezes and picture loss in high-definition surveillance environments. The switch adopts an all-steel shell. Simple, stylish, and durable. It support desktop, wall-mounted, and 1U rack-mounted. Plug and play, no configuration, simple and convenient to use.

FEATURE

■ **10/100M 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 10/100M adaptive RJ45 port, plug and play, to meet the networking needs of various scenarios.
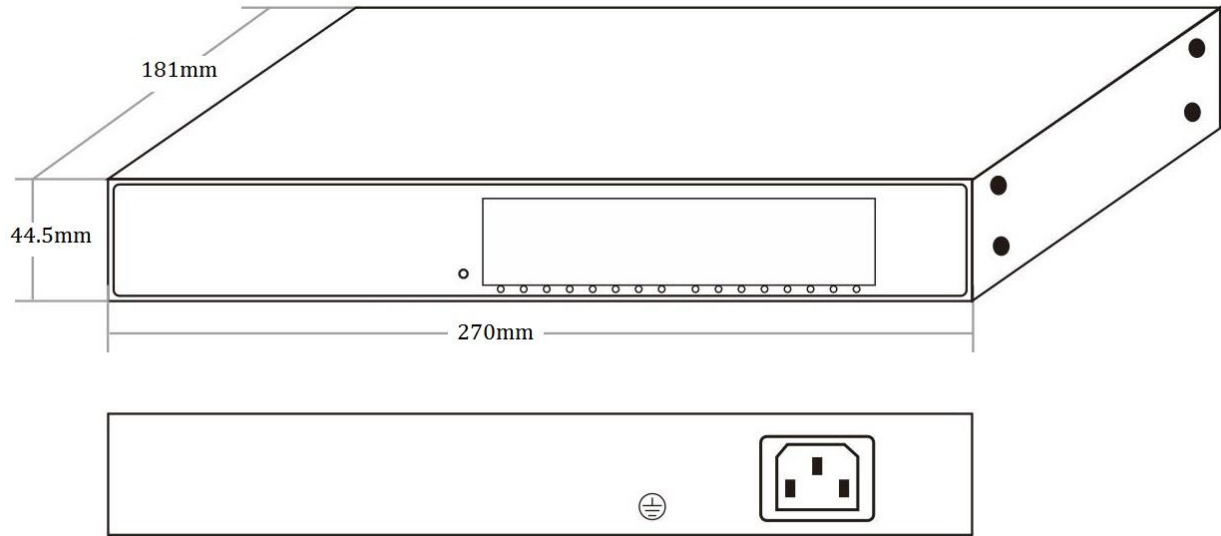
■ **Stable and reliable, easy to operate**

◇ CCC, CE, FCC, RoHS.

◇ Low power consumption, no fan, metal shell.

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

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

◇ Adopt high stability power supply, high redundancy design to provide long-term stable power output.
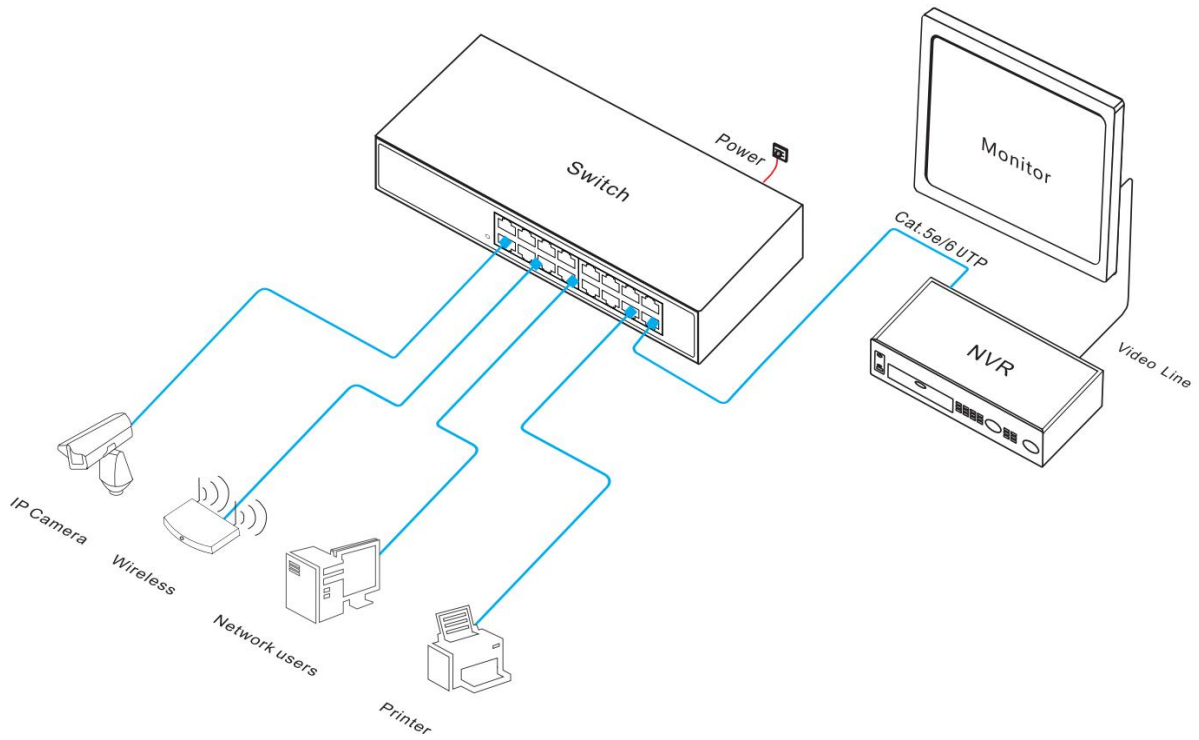
TECHNICAL SPECIFICATION

Model	ONV-H1016	ONV-H1024
Interface Characteristics		
Fixed Port	16*10/100Base-TX RJ45 ports (Data)	24*10/100Base-TX RJ45 ports (Data)
Ethernet Port	10/100Base-TX 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)	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3x	

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Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	7.2Gbps (Non-blocking)	8.8Gbps (Non-blocking)
Forwarding Rate@64byte	2.38Mpps	3.57Mpps
MAC	16K	
Buffer Memory	4M	
Jumbo Frame	10K	
LED Indicator	Power: PWR (Green), Network: Link(Green)	
Power Supply		
Total PWR / Input Voltage	<10W/(AC100-240V)	<15W/(AC100-240V)
Power Consumption	Standby<7W, Full Load<10W	Standby<8W, Full Load<15W
Power Supply	Built-in power supply, AC100~240V 50-60Hz 0.56A	
Physical Parameter		
Operation TEMP/ Humidity	0~+55°C, 5%~90% RH Non condensing	
Storage TEMP/ Humidity	-40~+75°C, 5%~95% RH Non condensing	
Dimension (L*W*H)	270*181*44.5mm	
Net /Gross Weight	<1.25kg /<1.6kg	
Installation	Desktop, Wall-mounted, 1U/19 inch	
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	1 year, lifelong maintenance.	

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DIMENSION

APPLICATION

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ORDERING INFORMATION

Model	Description	Configure Power Supply
ONV-H1016	Unmanaged fast Ethernet switch with 16*10/100M RJ45 ports. Built-in power supply. Support 1U/19 inch rack installation.	20W
ONV-H1024	Unmanaged fast Ethernet switch with 24*10/100M RJ45 ports. Built-in power supply. Support 1U/19 inch rack installation.	

PACKING LIST

	Content	Qty	Unit
Packing List	16-port 10/100M Fast Ethernet Switch	1	SET
	AC Power Cable	1	PC
	Mounting Kits	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

RELATED PRODUCT

Model	Description
ONV-H1005S	Mini unmanaged Ethernet switch with 5*10/100M RJ45 ports. External power supply.
ONV-H1008S	Mini unmanaged Ethernet switch with 8*10/100M RJ45 ports. External power supply.
ONV-H3005S	Mini unmanaged Ethernet switch with 5*10/100/1000M RJ45 ports. External power supply.

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ONV-H3008S	Mini unmanaged Ethernet switch with 8*10/100/1000M RJ45 ports. External power supply.
ONV-H3016	Unmanaged Ethernet switch with 16*10/100/1000M RJ45 ports. Built-in power supply. Support 1U/19 inch rack installation.
ONV-H3024	Unmanaged Ethernet switch with 24*10/100/1000M RJ45 ports. Built-in power supply. Support 1U/19 inch rack installation.

CONTACT US

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