Product Datasheet

8-Port Full Gigabit PoE Switch

(ONV-POE33007P)

OVERVIEW

The ONV-POE33007P is a full gigabit unmanaged PoE switch independently developed by ONV. It has 8*10/100/1000M RJ45 ports. Port 1-7 can support IEEE 802.3af/at standard PoE power supply.single port PoE power reaches 30W, and the maximum PoE output power is 110W (at-250W). 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, webcam, VoIP, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises.

Unmanaged model, plug and play, no configuration, easy to use.

+86 755 33376606 **ONV**
Optical Network Video Technologies (Shenzhen) Co., Ltd.

FEATURE

■ **Full gigabit access，full-line speed forwarding**

◇ All series support all-line high-speed forwarding,user-flexibly flexible networking, to meet the needs of various scenarios networking;

◇ Support non-blocking wire-speed forwarding.

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

■ **Intelligent PoE power supply**

◇ 7*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

◇ IEEE802.3af/at PoE standard, without damaging non-PoE devices.

◇ 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.

■ **Stable and reliable, easy to operate**

◇ CCC,CE, FCC, RoHS.

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

◇ Low power consumption, galvanized steel casing, No fan.

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

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

+86 755 33376606 ONV
Optical Network Video Technologies (Shenzhen) Co., Ltd.

TECHNICAL SPECIFICATION

Model	ONV-POE33007P	ONV-POE33007PN	ONV-POE33007PN-at
Interface Characteristics			
Fixed Port	7*10/100/1000Base-T PoE port (Data/Power) 1*10/100/1000Base-T uplink RJ45 ports (Data)		
Ethernet Port	10/100/1000Base-T(X) 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-T IEEE802.3x		
Forwarding Mode	Store and Forward(Full Wire Speed)		
Switching Capacity	16Gbps (Non-blocking)		
Forwarding Rate@64byte	11.9Mpps		
MAC	8K		
Buffer Memory	2M		
Jumbo Frame	9.6K		
LED Indicator	Power : PWR (green), network: Link (yellow),PoE: PoE (green), speed :100M,1000M (green)		
Reset Switch	Yes, One-button factory reset		
PoE & Power Supply			
PoE Port	Port 1 to 7 IEEE802.3af/at @ POE		
Power Supply Pin	Default 1/2 (+), 3/6 (-), optional 4/5 (+), 7/8 (-)		

Max Power Per Port	30W; IEEE802.3af/at		
Total PWR / Input Voltage	110W/ (DC52V)	130W / (AC100-240V)	250W / (AC100-240V)
Power Consumption	Standby<5W,Full Load<110W	Standby<6W; Full Load<120W	Standby<7W, Full Load<240W
Power Supply	External power supply , AC100~240V 50-60Hz 2.0A	Built-in power supply, AC100~240V 50-60Hz 2.3A	Built-in power supply, AC100~240V 50-60Hz 4.1A

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)	190.5*105*29mm	270*181*44.5mm	
Net /Gross Weight	<0.5kg /<1.0kg	<1.2kg /<1.8kg	<1.4kg /<2.1kg
Installation	Desktop, wall mounted	Desktop, wall mounted, 19 inch 1U cabinet installation	

Certification & Warranty

Lightning protection / protection level	Lightning protection: 4KV 8/20us; Protection level: IP30
Certification	CCC,CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS
Warranty	3 years, lifelong maintenance.

+86 755 33376606
Optical Network Video Technologies (Shenzhen) Co., Ltd.
ONV

DIMENSION
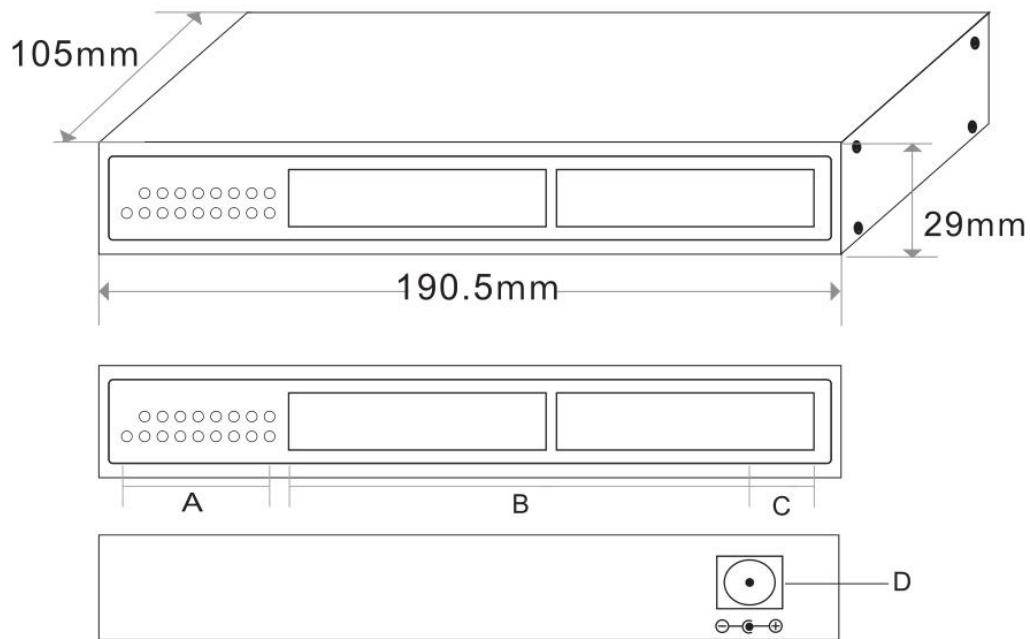
A.Working Indicator
B.7*10/100/1000M PoE Ports
C.1*10/100/1000M Uplink RJ45 Port
D. Power Input Port AC100-240V,50/60Hz

APPLICATION
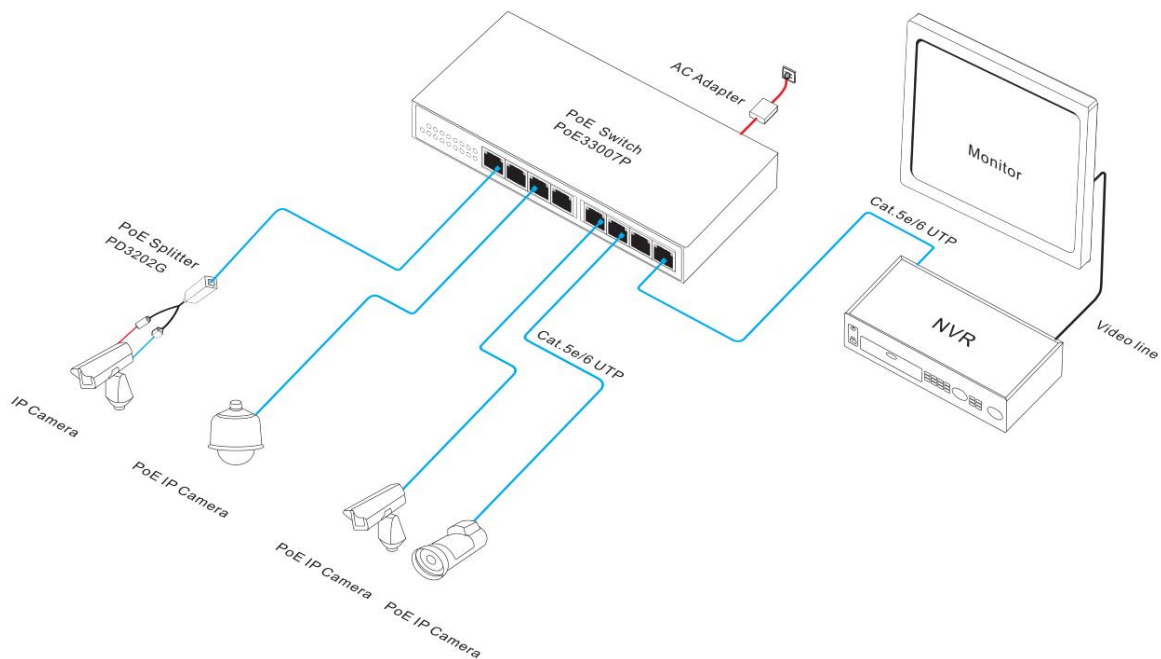
ORDERING INFORMATION

Model	Description
ONV-POE33007P	Unmanaged PoE power switch with 8*10/100/1000M RJ45 ports. Port 1-7 can support IEEE802.3af/at PoE standard, external 110W power supply.
ONV-POE33007PN	Unmanaged PoE power switch with 8*10/100/1000M RJ45 ports. Port 1-7 can support IEEE802.3af/at PoE standard. Built-in 130W power supply. Support 1U/19 inch rack installation.
ONV-POE33007PN-at	Unmanaged PoE power switch with 8*10/100/1000M RJ45 ports. Port 1-7 can support IEEE802.3af/at PoE standard. Built-in 250W power supply. Support 1U/19 inch rack installation.

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	8-port full gigabit PoE switch	1	SET
	AC power cable+ Power Adapter	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

+86 755 33376606 ONV
Optical Network Video Technologies (Shenzhen) Co., Ltd.

CONTACT US

ONV

OPTICAL NETWORK VIDEO TECHNOLOGIES (SHENZHEN) CO., LTD.

Tel: 0086-755-33376606

Fax: 0086-755-33376608

Email: onv@onv.com.cn

Website: www.onvcom.com

Zip: 518000

Headquarter Address: Room 1003, Block D, Terra Building, Futian District, Shenzhen,China

Factory Address: The 4-6th Floor, No. 59, HuaNing Road, Xinwei Community, Dalang Street,

Longhua District, Shenzhen, China

+86 755 33376606 **ONV**
Optical Network Video Technologies (Shenzhen) Co., Ltd.