Product Datasheet

10-port Full Gigabit PoE Switch

(ONV-POE33108P)



OVERVIEW

The ONV-POE33108P is a gigabit unmanaged PoE switch independently developed by ONV. It has 10*10/100/1000Base-T adaptive RJ45 ports. Port 1-8 can support IEEE 802.3 af/at PoE standard and single-port PoE power reaches 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, and visual intelligent building intercom through a network cable, and meet the network environment that needs a high-density PoE power supply. It is suitable for hotels, campuses, factory dormitories, and small and medium-sized enterprises. Unmanaged model, plug and play, no configuration, easy to use.

FEATURE

- Gigabit 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 all-line high-speed forwarding, user-flexibly flexible networking, to meet the needs of various scenarios networking.
- Smart PoE power supply
- Comply with IEEE 802.3 af/at PoE standard, automatically identify PoE devices for power

- supply, and not damage non-PoE devices.
- ♦ 8*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- 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

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

TECHNICAL SPECIFICATION

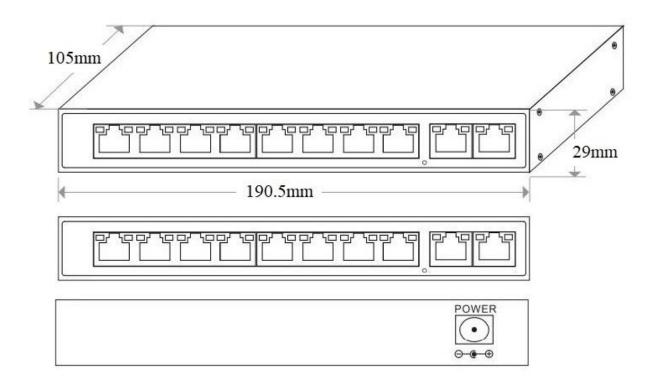
Model	ONV-POE33108P	ONV-POE33108P-at
Interface Characteristics	Interface Characteristics	
Fixed Port	8*10/100/1000Base-T PoE ports (Data /Power)	
	2*10/100/1000Base-T uplink RJ45 ports (Data)	
Ethernet Port	Port 1-10 can support 10/100/1000Base-T auto-sensing, full/ half duplex	
	MDI/ MDI-X self-adaption	
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	IEEE 802.3 10BASE-T, IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX,	
	IEEE 802.3ab 1000Base-T, IEEE 802.3x	



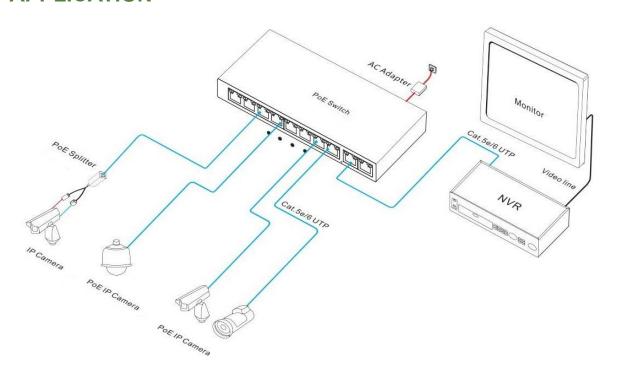
Forwarding Mode Store and Forward (Full Wire Speed) Switching Capacity Store and Forward (Full Wire Speed) Forwarding Rate@64byte MAC 8K Buffer Memory 4M Jumbo Frame 9.6K LED Indicator Power: PWR (Green), PoE: PoE(Green), Data: Link (Yellow), Rate: 1000M (Green) POE & Power Supply POE Port Port 1-8 Power Supply Pin 1/2(+) 3/6 (-) Max Power Por Port 30W, IEEE 802.3 af/at Total PWR / Input Voltage Power Supply Power Supply Power Consumption Standby-6W, Full load<110W Standby-8W, Full load<240W External power supply, External power supply, AC100~240V AC100~240V 50-60Hz, 2.0A 50-60Hz, 4.1A Physical Parameter Operation TEMP / Humidity Storage TEMP / 40°C~+75°C, 5%~90% RH Non condensing Humidity Dimension (L*W*H) 190.5*105*29mm Net /Gross Weight 0.5kg / 1.15kg 0.55kg / 1.6kg Installation Desktop, wall mount Certification & Warranty Lightning Protection Lightning protection: 4KV 8/20us, Protection level: IP30 CCC. CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B,			
Forwarding Rate@64byte 20Gbps (non-blocking) MAC 8K Buffer Memory 4M Jumbo Frame 9.6K LED Indicator Power: PWR (Green), PoE: PoE(Green), Data: Link (Yellow), Rate: 1000M (Green) PoE & Power Supply PoE Port Port 1-8 Power Supply Pin 1/2(+) 3/6 (-) Max Power Per Port 30W, IEEE 802.3 af/at Total PWR / Input 110W /DC52V 250W /DC52V Voltage External power supply, AC100-240V External power supply, AC100-240V Power Consumption Standby<6W, Full load<110W Standby<8W, Full load<240W Power Supply External power supply, AC100-240V AC100-240V 50-60Hz, 2.0A 50-60Hz, 4.1A Physical Parameter Operation TEMP / Humidity -20°C~+55°C, 5%~90% RH Non contensing Humidity -40°C~+75°C, 5%~95% RH Non contensing Unimension (L*W*H) 190.5*105*29mm Net /Gross Weight 0.5kg / 1.15kg 0.55kg / 1.6kg Installation Desktop, wall mount Certification & Warranty	Forwarding Mode	Store and Forward (Full Wire Speed)	
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Buffer Memory 4M 3 3 3 3 4 4 5 4 4 5 4 4 5 4 4	Rate@64byte	20Gbps (non-blocking)	
Dumbo Frame 9.6K Power: PWR (Green), PoE: PoE(Green), Data: Link (Yellow), Rate: 1000M (Green)	MAC	8K	
Power: PWR (Green), PoE: PoE(Green), Data: Link (Yellow), Rate: 1000M (Green) PoE & Power Supply	Buffer Memory	4M	
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Power Supply External power supply, AC100~240V 50-60Hz, 2.0A Physical Parameter Operation TEMP / Humidity Storage TEMP / Humidity Dimension (L*W*H) Net /Gross Weight Desktop, wall mount Certification & Warranty External power supply, AC100~240V 50-60Hz, 4.1A 50-60Hz, 4.1A External power supply, AC100~240V 50-60Hz, 4.1A Storage Temp / Forestal power supply, AC100~240V 50-60Hz, 4.1A Storage Temp / Forestal power supply, AC100~240V 50-60Hz, 4.1A Storage Temp / Forestal power supply, AC100~240V 50-60Hz, 4.1A Storage Temp / Forestal power supply, AC100~240V 50-60Hz, 4.1A Storage Temp / Forestal power supply, AC100~240V 50-60Hz, 4.1A Storage Temp / Forestal power supply, AC100~240V 50-60Hz, 4.1A Storage Temp / Forestal power supply, AC100~240V Forest	Voltage	11000 /DG320	250VV /DC52V
Power Supply AC100~240V 50-60Hz, 2.0A 50-60Hz, 4.1A Physical Parameter Operation TEMP / Humidity Storage TEMP / Humidity -40°C~+75°C, 5%~95% RH Non condensing Humidity Dimension (L*W*H) 190.5*105*29mm Net /Gross Weight 0.5kg / 1.15kg 0.55kg / 1.6kg Installation Desktop, wall mount Certification & Warranty Lightning Protection Lightning protection: 4KV 8/20us, Protection level: IP30	Power Consumption	Standby<6W, Full load<110W	Standby<8W, Full load<240W
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Installation Desktop, wall mount Certification & Warranty Lightning Protection Lightning protection: 4KV 8/20us, Protection level: IP30	Dimension (L*W*H)	190.5*105*29mm	
Certification & Warranty Lightning Protection Lightning protection: 4KV 8/20us, Protection level: IP30	Net /Gross Weight	0.5kg / 1.15kg	0.55kg / 1.6kg
Lightning Protection Lightning protection: 4KV 8/20us, Protection level: IP30	Installation	Desktop, wall mount	
	Certification & Warranty		
Certification CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B,	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	3 years, lifelong maintenance.

DIMENSION



APPLICATION



ORDERING INFORMATION

Model	Description	External	
Model	Description	Power Supply	
ONV-POE33108P	Unmanaged PoE switch with 10*10/100/1000M RJ45 ports.	110W	
ONV-POE33108P-at	Port 1-8 can support IEEE 802.3 af/at PoE standard. External power supply.	250W	

PACKING LIST

	Content	Qty	Unit
Packing List	10-port full gigabit PoE switch	1	SET
	Power supply kit (AC power line + power adapter)	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

RELATED PRODUCT

Model	Description
	Unmanaged PoE fiber switch with 10*10/100/1000M RJ45 ports and
ONV-POE33128PF	2*1000M uplink SFP fiber ports. Port 1-8 can support IEEE 802.3 af/at PoE
	standard. It built-in 130W power supply and 1U/19" cabinet installation.
	Unmanaged PoE fiber switch with 16*10/100/1000M RJ45 ports and
ONV-POE33016PF	2*1000M uplink SFP fiber ports. Port 1-16 can support IEEE 802.3 af/at PoE
	standard. It built-in 250W power supply and 1U/19" cabinet installation.
	Unmanaged PoE fiber switch with 18*10/100/1000M RJ45 ports and
ONV-POE33020PF	2*1000M uplink SFP fiber ports. Port 1-16 can support IEEE 802.3 af/at PoE
	standard. It built-in 250W power supply and 1U/19" cabinet installation.
ONV-POE33024PF	Unmanaged PoE fiber switch with 24*10/100/1000M RJ45 ports and

	2*1000M uplink SFP fiber ports. Port 1-24 can support IEEE 802.3 af/at PoE
	standard. It built-in 400W power supply and 1U/19" cabinet installation.
	Unmanaged PoE fiber switch with 26*10/100/1000M RJ45 ports and
ONV-POE33028PF	2*1000M uplink SFP fiber ports. Port 1-24 can support IEEE 802.3 af/at PoE
	standard. It built-in 400W power supply and 1U/19" cabinet installation.

CONTACT US



ONV Optical Network Video Technologies (Shenzhen) Co., Ltd.

Tel: 0086-755-33376606

Fax: 0086-755-33376608

Email:onv@onv.com.cn

Skype: onv@onv.com.cn

WeChat ID: ONV-PoE-IoT

Website: www.onvcom.com

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

Factory Address: Building B3, Galaxy Artificial Intelligence Industrial Park, No. 333, Zhongkai 6th

Road, Chenjiang Street, Zhongkai High-tech Zone, Huizhou

