Product Datasheet

Gigabit PoE Media Converter

ONV-POE33001PF

OVERVIEW

The ONV-POE33001PF series is an unmanaged PoE Media converter. It has 1*10/100/1000M RJ45 port and 1*1000M uplink SC slot port. Ethernet port support IEEE 802.3af/at PoE standard, Single port PoE power up to 30W, the maximum PoE output power is 36W. 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 automatically detect and identify the the electrical equipment that meets the standard and supply power to it through the network cable, devices including wireless AP, IP camera, IP telephone and other PoE terminal equipment etc. In addition, it is suitable for networking system of hotel, campus, dormitory and small&medium enterprise etc.

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

FEATURE

■ **Gigabit fast Ethernet access , Uplink SC port**

◇ 1*10/100/1000Base-T RJ45 port and uplink SC port for easy long distance transmission, which facilitates flexible networking and meets network requirements for various scenarios.

◇ Support non-blocking wire-speed forwarding.

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

■ **Smart PoE power supply**

◇ 1*10/100/1000Base-T RJ45 port can support POE power supply to meet the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

◇ IEEE 802.3af/at PoE standard, without damaging non-PoE devices.

■ **Stable and reliable**

◇ Low power consumption, fan-less mute design , galvanized steel casing.

◇ CCC,CE, FCC, RoHS.

◇ The user-friendly panel, it can show the device status through the LED indicator of PWR,SYS, Link ,PoE.
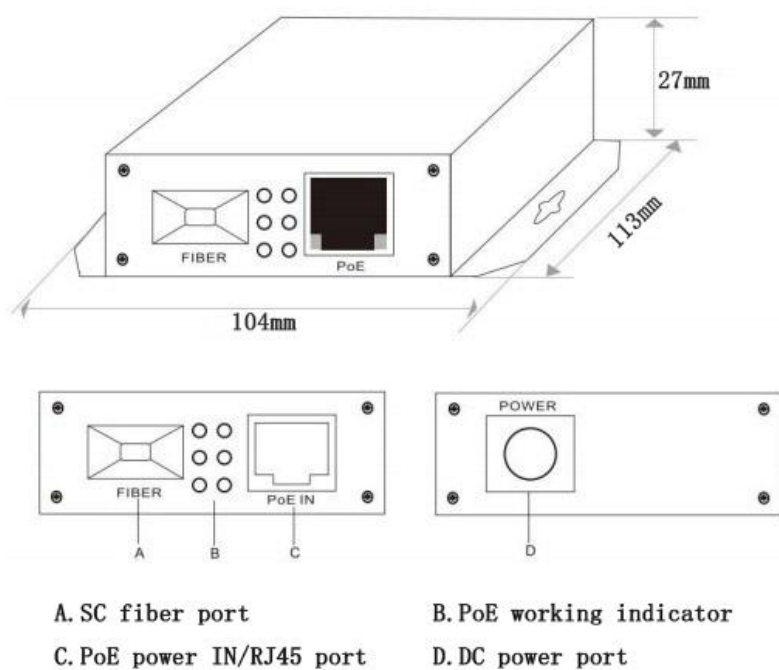
◇ Plug and play, no configuration, simple and convenient.

TECHNICAL SPECIFICATION

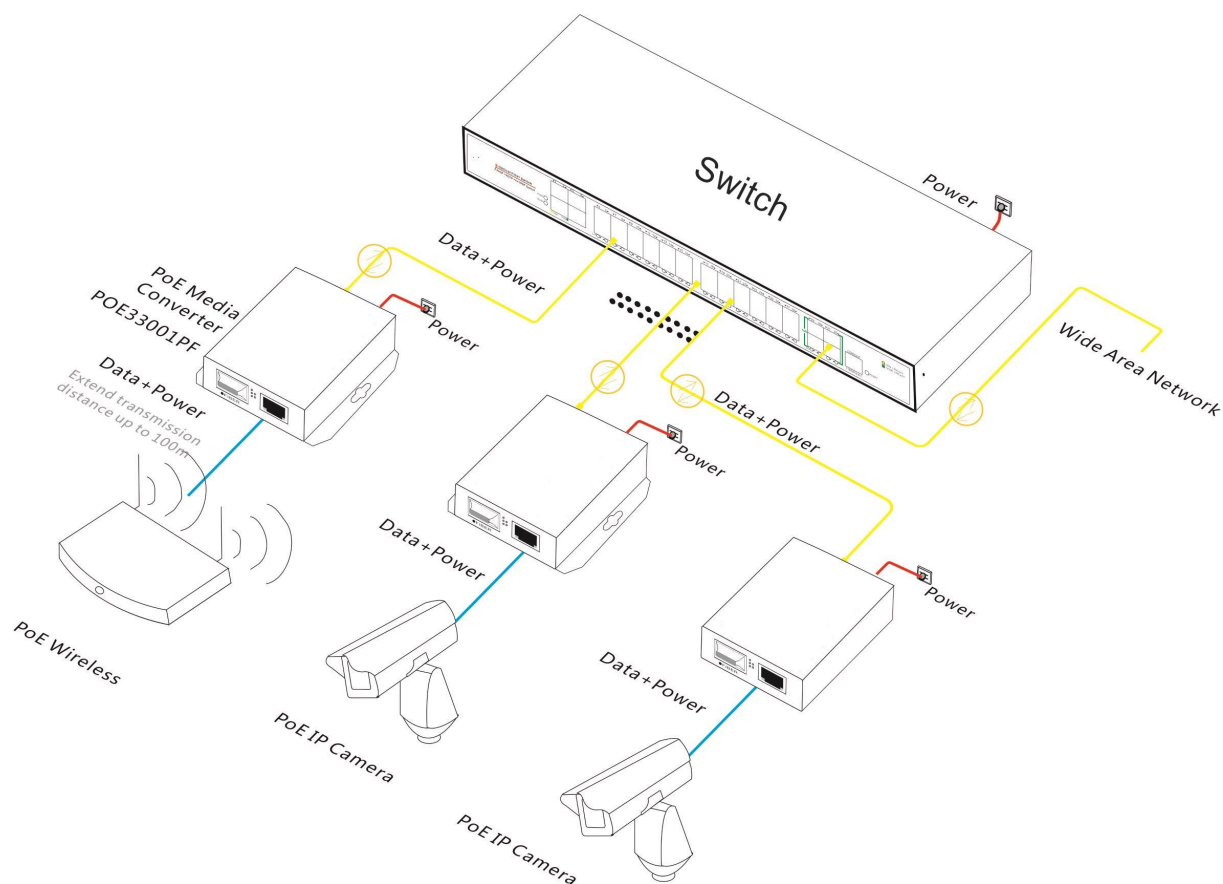| Model	ONV-POE33001PF	ONV-POE33001PF-at
Interface	1*10/100/1000Base-T PoE port (Data /Power) 1*1000Base-X uplink SC port (Data)	
POE Port	Port 1 can support IEEE 802.3af/at PoE	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX,IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X,IEEE802.3x	

PoE Standard	IEEE802.3af/at	
Ethernet Port Feature	10/100/1000BaseT(X) auto-sensing,full/half duplex MDI/MDI-X self-adaption	
Forwarding Mode	Store and Forward (Full wire speed)	
Switching Capacity	2Gbps (Non-blocking)	
Forwarding Rate@64byte	2.98Mpps	
MAC	1K	
Buffer Memory	1M	
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)	
Power Supply Pin	Default 1/2 (+), 3/6 (-) , optional 4/5 (+), 7/8 (-)	
Max / Average Power Per Port	30W/15.4W	30W/30W
Total PWR / Input Voltage	24W (52VDC)	36W (52VDC)
Power Consumption	Standby:<3W; Full Load:<18W	Standby:<4W; Full Load:<32W
LED indicator	Power: PWR (green), network : Link (yellow); POE: PoE(green), fiber port: F (green)	
Power Supply	External power adapter, AC100~240V 50-60Hz 1A	
Operation TEMP / Humidity	-20~+55°C; 5%~90% RH Non-condensing	
Storage TEMP / Humidity	-40~+75°C; 5%~95% RH Non-condensing	
Dimension	113*104*27mm	
Net /Gross Weight	<0.4kg /<0.8kg	
Installation	Desktop, wall-mounted	

Port lightning protection / protection level	Port 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.

DIMENSION

A. SC fiber port   B. PoE working indicator
C. PoE power IN/RJ45 port   D. DC power port

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APPLICATION

ORDERING INFORMATION

Model	Description
ONV-POE33001PF	Unmanaged PoE media converter with 1*10/100/1000M RJ45 port and 1*1000M uplink SC port . Ethernet port can support IEEE 802.3af/at POE. By default, the SC port 1310nm/20km single mode dual fiber module is configured. External 24W power supply.
ONV-POE33001PF-at	Unmanaged PoE media converter with 1*10/100/1000M RJ45 port and 1*1000M uplink SC port . Ethernet port can support IEEE 802.3af/at POE. By default, the SC port 1310nm/20km single mode

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	dual fiber module is configured. External 36W power supply.
ONV-POE33001PF-M	Unmanaged PoE media converter with 1*10/100/1000M RJ45 port and 1*1000M uplink SC port . Ethernet port can support IEEE 802.3af/at POE. By default, the SC port 850nm/0.5km or 1310nm/2km multi-mode dual fiber module is configured. External 24W power supply.
ONV-POE33001PF-M -at	Unmanaged PoE media converter with 1*10/100/1000M RJ45 port and 1*1000M uplink SC port . Ethernet port can support IEEE 802.3af/at POE. By default, the SC port 850nm/0.5km or 1310nm/2km multi-mode dual fiber module is configured. External 36W power supply.
ONV-POE33001PF-A	Unmanaged PoE media converter with 1*10/100/1000M RJ45 port and 1*1000M uplink SC port . Ethernet port can support IEEE 802.3af/at POE. By default, the SC port 1310nm/20km single mode single fiber module is configured. External 24W power supply.
ONV-POE33001PF-A-at	Unmanaged PoE media converter with 1*10/100/1000M RJ45 port and 1*1000M uplink SC port . Ethernet port can support IEEE 802.3af/at POE. By default, the SC port 1310nm/20km single mode single fiber module is configured. External 36W power supply.
ONV-POE33001PF-B	Unmanaged PoE media converter with 1*10/100/1000M RJ45 port and 1*1000M uplink SC port . Ethernet port can support IEEE 802.3af/at POE. By default, the SC port 1550nm/20km single mode single fiber module is configured. External 24W power supply.
ONV-POE33001PF-B-at	Unmanaged PoE media converter with 1*10/100/1000M RJ45 port and 1*1000M uplink SC port . Ethernet port can support IEEE 802.3af/at POE. By default, the SC port 1550nm/20km single mode single fiber module is configured. External 36W power supply.

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	Gigabit PoE Media Converter	1	SET
	Power Adapter+AC Power Cable	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US

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