

Product Datasheet

6-Port Full Gigabit PoE Fiber Switch

(ONV-POE33064PFG)



OVERVIEW

The ONV-POE33064PFG series is a full gigabit PoE fiber switch independently developed by ONV. It has 5*10/100/1000M RJ45 ports and 1*1000M SFP port. Port 1-4 can support IEEE802.3af/at standard PoE. single port PoE power reaches 30W, and the maximum PoE output power is 65W (at-110W). 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.

FEATURE

■ Full gigabit access, gigabit (TP/SFP) combo port uplink

- ◇ All series supports "gigabit Ethernet port and gigabit SFP fiber port " combination, which enables users to flexibly build networking to meet the needs of various scenarios.
- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

■ Intelligent PoE power supply

- ◇ 4*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- ◇ IEEE 802.3af/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

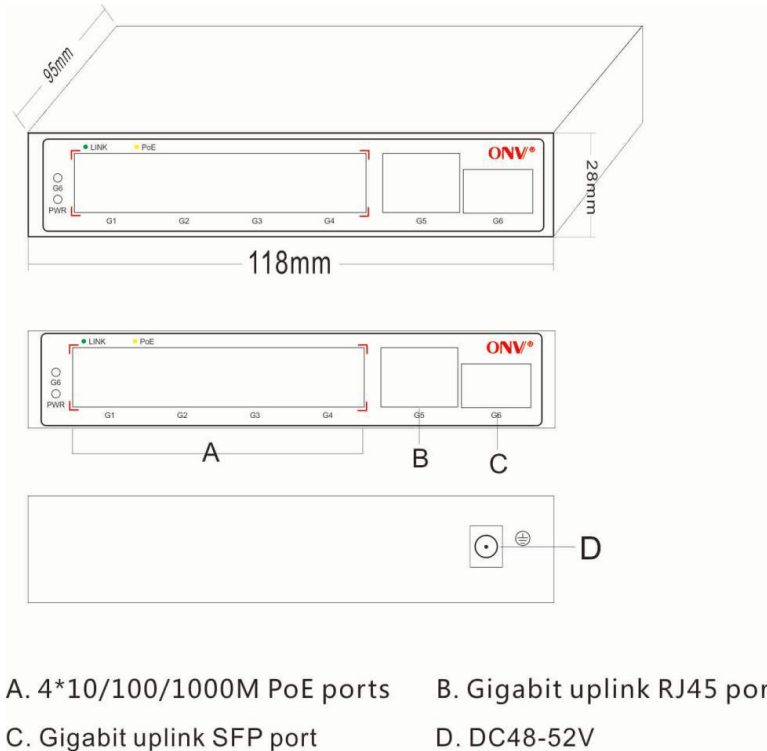
- ◇ CCC,CE, FCC, RoHS.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Low power consumption, no fan mute design, galvanized steel metal casing.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ◇ The user-friendly panel, it can show the device status through the LED indicator of PWR, Link, PoE.

TECHNICAL SPECIFICATION

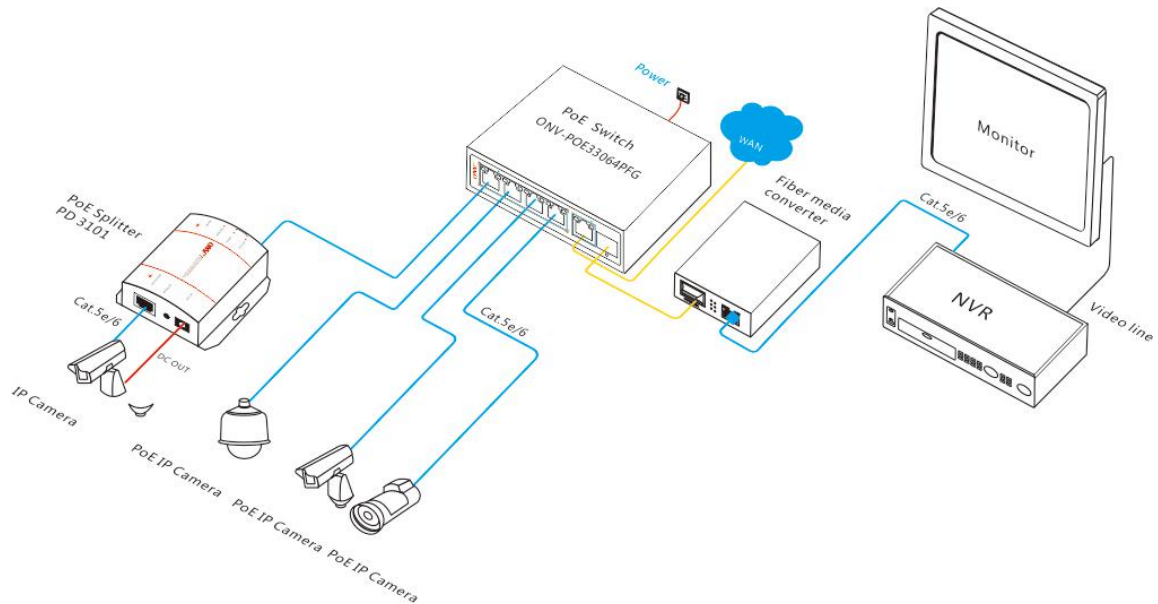
Model	ONV-POE33064PFG	ONV-POE33064PFG-at
Interface Characteristics		
Fixed Port	4*10/100/1000Base-T PoE ports(Data/Power) 1*10/100/1000Base-T uplink RJ45 port (Data) 1*1000Base-X SFP fiber port slots (Data)	
Ethernet Port	Port 1-5 can support 10/100/1000Base-T, auto-sensing, full/half duplex MDI/MDI-X	
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)	
SFP Slot Port	Gigabit SFP optical fiber port, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)	
Optical Cable	Multi mode: 850nm 0 ~ 550M, Single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	12Gbps	
Forwarding Rate@64byte	8.93Mpps	
MAC	2K	
Buffer Memory	2M	
Jumbo Frame	10K	

LED Indicator	Power: PWR (green), network: Link(yellow), POE: PoE (green)	
Reset Switch	Yes, One-button factory reset	
PoE & Power		
PoE Port	Port 1 to 4 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	65W/(DC52V)	110W/(DC52V)
Power Consumption	Standby<5W, Full load<65W	Standby<6W, Full load<110W
Power Supply	External power adapter, AC100~240V 50-60Hz 1A	External power adapter, AC100~240V 50-60Hz 2A
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)	118*95*28mm	
Net /Gross Weight	<0.35kg / <1.0kg	
Installation	Desktop, wall mounted	
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.	

DIMENSION



APPLICATION



ORDERING INFORMATION

Model	Description
ONV-POE33064PFG	Unmanaged PoE fiber switch with 5*10/100/1000M RJ45 ports and 1*1000M uplink SFP fiber slot port, port 1-4 can support IEEE802.3af/at PoE standard, External 65W power supply.
ONV-POE33064PFG-at	Unmanaged PoE fiber switch with 5*10/100/1000M RJ45 ports and 1*1000M uplink SFP fiber slot port, port 1-4 can support IEEE802.3af/at PoE standard, External 110W power supply.

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	6-port full gigabit PoE fiber switch	1	SET
	AC power cable+ power adapter	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

CONTACT US



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

