

Product Datasheet

6-port 10/100M PoE Fiber Switch

ONV-POE31064PF



OVERVIEW

The ONV-POE31064PF is a 10/100M unmanaged PoE fiber switch independently developed by ONV. It has 4*10/100M RJ45 ports and 2*155M SFP slot ports. Port 1-4 can support IEEE802.3af/at PoE standard, single port PoE power up to 30W, the maximum PoE output power is 65W . 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, Webcam, 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

■ 10/100Mbps fast Ethernet access , dual fiber uplink

- ◇ 4*10/100Base-TX RJ45 ports and dual uplink SFP ports 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 function

- ◇ 4*10/100Base-TX 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.

■ Stable and reliable

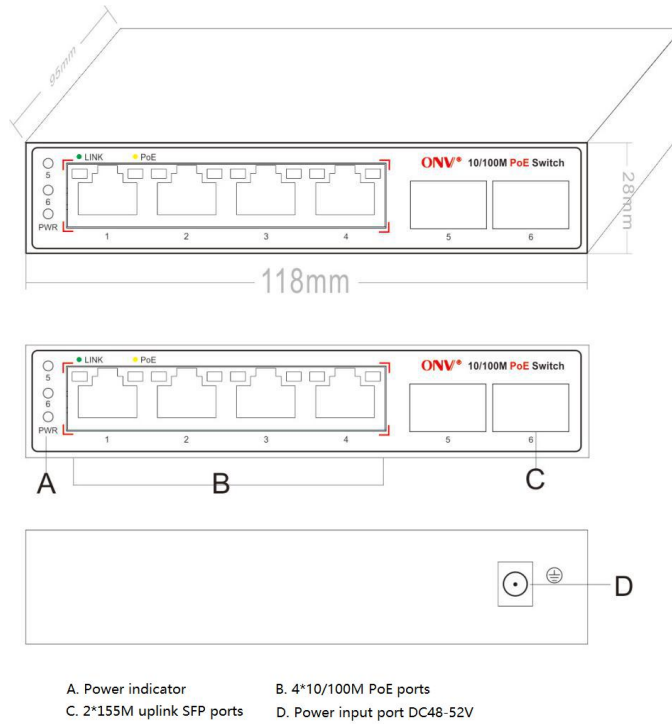
- ◇ CCC,CE, FCC, RoHS.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Low power consumption, galvanized steel casing, The fan active cooling.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ◇ The user-friendly panel, it can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

TECHNICAL SPECIFICATION

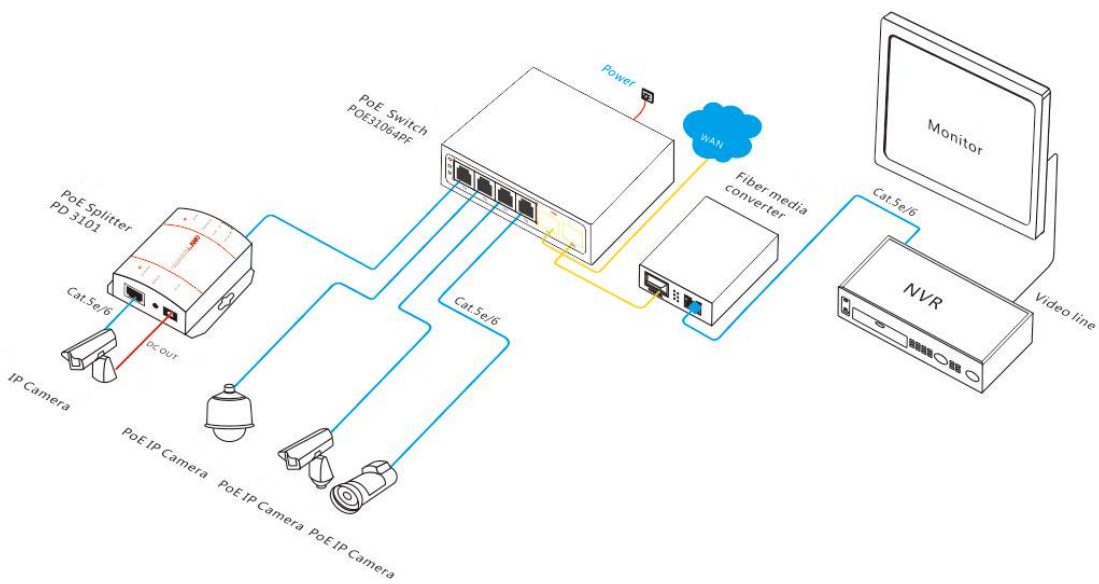
Model	ONV-POE31064PF	ONV-POE31064PF-at
Interface Characteristics		
Fixed Port	4*10/100Base-TX PoE ports (Data /Power) 2*155M 100Base-FX uplink SFP ports (Data)	
Ethernet Port	Port 1-4 can support 10/100Base-T(X) auto-sensing,full/half duplex MDI/MDI-X self-adaption	
Twisted Pair	10BASE-T: Cat3,4,5 UTP(≤100 meter)	
Transmission	100BASE-TX: Cat5 or later UTP(≤100 meter)	
Fiber Port Feature	155M SFP fiber interface, no optical module by default, need to be purchased separately (optional order single-mode / multimode, single fiber / dual fiber module, LC)	
Optical Cable / Distance	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, IEEE802.3u 100Base-FX IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	1.6Gbps (Non-blocking)	
Forwarding Rate@64byte	0.89Mpps	
MAC	1K	
Buffer Memory	768K	
Jumbo Frame	9.6K	
LED Indicator	Power: PWR (green), network: Link (yellow), PoE: PoE (green), fiber port : 5/6 (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 /(52VDC)	110W/(52VDC)
Power Consumption	Standby<4W, 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 2.2A
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	<0.4kg /<0.9kg	
Installation	desktop type ,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-POE31064PF	Unmanaged fiber PoE switch with 4*10/100M PoE ports and 2*155M uplink SFP ports, Port 1-4 can support IEEE802.3af/at PoE standard. External 65W power supply.
ONV-POE31064PF-at	Unmanaged fiber PoE switch with 4*10/100M PoE ports and 2*155M uplink SFP ports, Port 1-4 can support IEEE802.3af/at PoE standard. External 110W power supply.

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	6-port 10/100M PoE fiber switch	1	SET
	Power Adapter+AC Power Cable	1	SET
	Mounting Kits (Hanging ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

OPTICAL MODULE INFORMATION

Product	Model	Description	Unit
155M Optical Module	ONV-5315-114/ SFP	SFP optical module, 155M, single-mode dual fiber 1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC

	ONV-1313-20/S FP	SFP optical module, 155M, single-mode single fiber 1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
	ONV-1315-20/S FP	SFP optical module, 155M, single-mode single fiber 1550nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC

CONTACT US



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