#### **Product Datasheet**

# 51-Port Gigabit Uplink PoE Fiber Switch

(ONV-POE31048PF)



### **OVERVIEW**

The ONV-POE31048PF series is an ummanaged PoE fiber switch independently developed by ONV. It has 48\*10/100M RJ45 ports and 3\*10/100M uplink RJ45 ports and 2\*1000M uplink SFP slot ports (combo port). Port 1-48 can support IEEE 802.3af/at standard PoE power supply. single port PoE power reaches 30W, and the maximum PoE output power is 600W. 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**

### ■ 10/100M access, gigabit TP/SFP combo port uplink

- ♦ All series support "10/100M RJ45 port and gigabit TP/SFP 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

- 48\*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.
- 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

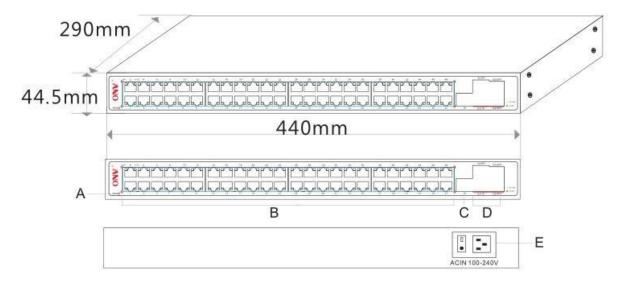
- ♦ Low power consumption, galvanized steel casing, The fan active cooling.
- Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ♦ CCC,CE, FCC, RoHS.
- ♦ Plug and play, no configuration, simple and convenient.
- ♦ The user-friendly panel, it can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

## **TECHNICAL SPECIFICATION**

Model	ONV-POE31048PF			
Interface Characteristics				
Fixed Port	48*10/100Base-TX PoE ports (Data /Power)			
	3*10/100Base-TX RJ45 ports (Data)			
	2*1000Base-X uplink SFP ports (Combo port) (Data)			
Ethernet Dert	10/100Base-T(X),10/100/1000Base-T, auto-sensing, full/half duplex			
Ethernet Port	MDI/MDI-X self-adaption			
Twisted Pair	10BASE-T: Cat3,4,5 UTP(≤100 meter)			
	100BASE-TX: Cat5 or later UTP(≤100 meter)			
Transmission	1000BASE-T: Cat5e or later UTP(≤100 meter)			
Chip Parameter				
	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T			
Network Protocol	IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T			
	IEEE802.3z 1000Base-X, IEEE802.3x			
Forwarding Mode	Store and Forward(Full Wire Speed)			
Switching Capacity	30Gbps			
Forwarding	44 C4Mpps			
Rate@64byte	11.61Mpps			
MAC	16K			
Buffer Memory	4M			
Jumbo Frame	10K			
LED Indicator	Power: PWR (green), Network: link (yellow), PoE: PoE (green),			
	Speed: 1000 (green)			
Reset Switch	Yes, One-button factory reset			
PoE & Power				
PoE Port	Port 1 to 48 IEEE802.3af/at @ POE			

Power Supply Pin	Defaul 1/2 (+), 3/6 (-), Optional 4/5(+), 7/8(-)			
Max Power Per Port	30W; IEEE802.3af/at			
Total PWR / Input	600W (AC100-240V)			
Voltage	000VV (A0100-240V)			
Power Consumption	Standby<35W, Full load<600W			
Power Supply	Built-in power supply, AC 100~240V 50-60Hz 6.6A			
Physical Parameter				
Operation TEMP /	20 LEE®CLEO/ 000/ DIL Non condensing			
Humidity	-20~+55°C;5%~90% RH Non condensing			
Storage TEMP /	-40~+75°C;5%~95% RH Non condensing			
Humidity				
Dimension (L*W*H)	440*290*44.5mm			
Net /Gross Weight	<3.0kg / <3.8kg			
Installation	Desktop, 19 inch 1U cabinet			
Certification & Warra	nty			
Lightning protection /	Lightning protection, 4KV 9/20us, Protection level, IP20			
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.			

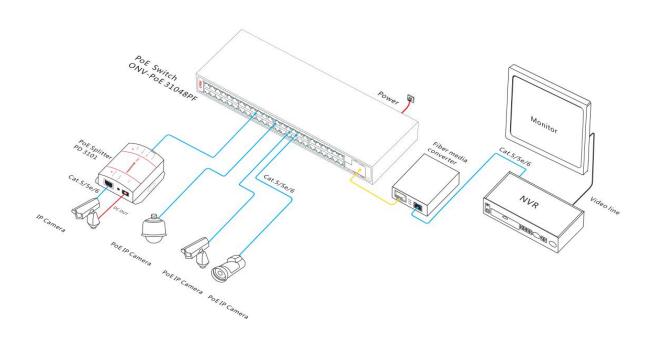
## **DIMENSION**



A. Working indicator

- B. 48\*10/100M PoE ports
- C. Gigabit uplink RJ45 port
- D. Gigabit uplink combo port
- E. Power input port AC100-240V, 50/60Hz

## **APPLICATION**



## **ORDERING INFORMATION**

Model	Description	Configure Power Supply
ONV-POE31048PF	Unmanaged PoE fiber switch with 48*10/100M RJ45 ports and 3*10/100/1000M uplink RJ45 ports and 2*1000M uplink SFP fiber slots (combo port), port 1-48 can support IEEE 802.3af/at PoE standard.  Support 1U/19 inch rack installation.	600W
Note: DoE fibor switch	n does not match SEP module by default	

**Note**: PoE fiber switch does not match SFP module by default.

## **PACKING LIST**

PACKING LIST	CONTENT	QTY	UNIT
	51-port gigabit uplink PoE fiber switch	1	SET
	AC power cable	1	PC
	Mounting Kits	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

## **CONTACT US**



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