

10-Port Gigabit Uplink PoE Switch



OVERVIEW

The ONV-POE31108PFB series is a gigabit uplink unmanaged PoE fiber switch independently developed by ONV. It has 8*10/100Base-TX RJ45 ports and 2*10/100/1000Base-T and 2*1000Base-X SFP fiber slot ports. Port 1-8 can support IEEE 802.3af/at PoE standard, single port PoE power up to 30W, the maximum PoE output power is 250W. 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 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. It is suitable for hotel, campus, park, commercial supermarket, scenic spot, factory quarter and SMB small and medium-sized enterprises to form a cost-effective network.

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

FEATURE

■ 10/100Mbps access , gigabit (TP/SFP) combo port uplink

- ◇ All series supports "10/100M RJ45 port + Gigabit combo 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.

■ Smart PoE power supply function

- ◇ 8*10/100Base-TX RJ45 ports support PoE power supply, which meets the requirements of PoE power supply in various scenarios in the security field.
- ◇ Comply with IEEE 802.3af /at PoE power supply standard, automatically identify PoE devices for power supply without damaging non-PoE devices. The maximum PoE output power is 130W, and the maximum PoE output power of a single port is 30W.
- ◇ 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.

■ The equipment is stable and reliable, easy to operate

- ◇ The host has low power consumption, fanless mute design, galvanized steel and metal casing, and excellent heat dissipation to ensure stable operation of the product.
- ◇ The equipment fully meets the safety requirements of CCC,CE, FCC, and RoHS and is safe and reliable to use.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ User can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link), and PoE operation indicator.

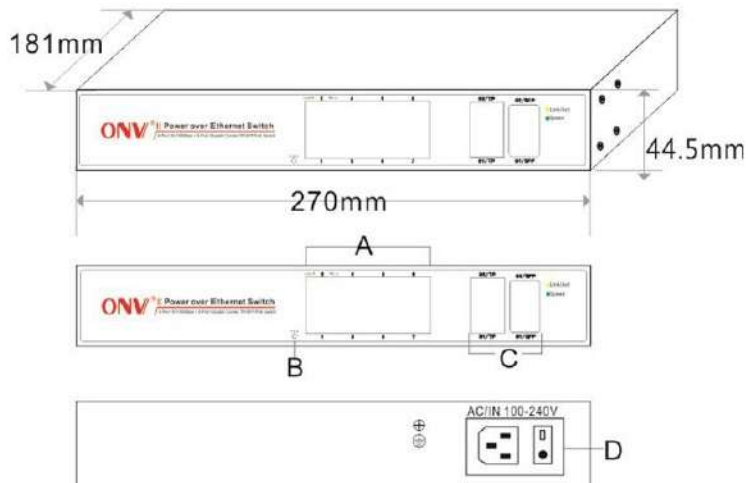
TECHNICAL SPECIFICATION

Model	SRAONV06
Interface	8*10/100Base-TX PoE ports (Data/Power); 2*10/100/1000Base-T RJ45 ports (Data) 2*1000Base-X uplink SFP fiber slot (combo) ports (Data)
POE Port	Port 1 - 8 support PoE @ IEEE802.3af/at

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	Port 1-8 10/100Base-TX, Port 9-10: 10/100/1000Base-T(X), Auto-sensing,full/half duplex MDI/MDI-X self-adaption	
Fiber Port Feature	Gigabit SFP optical fiber interface, default matching optical modules, need to buy separately, (Optional single-mode / multi-mode, single fiber / dual fiber module, LC).	
Forwarding Mode	Store and Forward (Full wire speed)	
Switching Capacity	5.6Gbps (Non-blocking)	
Forwarding Rate@64byte	4.17Mpps	
MAC	16K	
Buffer Memory	4M	
Jumbo frames	10K	
Twisted Pair Transmission	10BASE-T : Cat3,4,5 UTP(≤100 meter) ; 100BASE-TX : Cat5 or later UTP(≤100 meter) ; 1000BASE-TX : Cat5e or later UTP(≤100 meter)	
Optical Cable	Multi Mode: 850nm 0-550M;Single Mode: 1310nm 0-40KM , 1550nm 0-120KM.	
Power Supply Pin	Default: 1/2(+), 3/6(-); Optional: 4/5(+), 7/8(-)	
MAX / Average Power Per Port	30W/30W	
Total PWR / Input Voltage	250W (AC100-240V)	
Power Consumption	Standby:<6W;Full Load:<130W	Standby:<8W;Full Load:<250W
LED	Power indicator: PWR(green); network indicator: Link, Link/Act (yellow); PoE indicator PoE (green); speed indicator: Speed (green);	
Reset Button	yes,support one key to restore factory settings.	
Power Supply	Built-in power supply, AC 100~240V 50-60Hz 4.1A	
Operation TEMP / Humidity	-20~+55°C;5%~90% RH, Non-condensing	
Storage TEMP / Humidity	-40~+80°C;5%~95% RH, Non-condensing	
Dimension	270*181*44.5mm	
Net /Gross Weight	<1.4kg / <2kg	
Installation Method	desktop type ,wall mounted,19 inch 1U cabinet installation	
Lightning protection / protection level	Port Lightning Protection 4KV 8/20us;Protection Level: IP30	

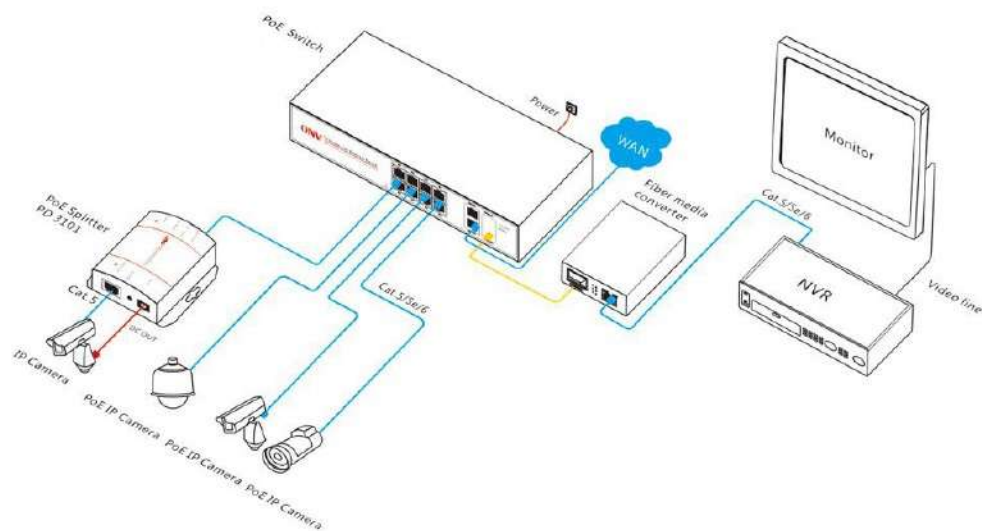
Certification	CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	1 years

DIMENSION



A. 4* PoE Port C. gigabit combo ports
B. working indicator D. 100-240VAC, 50/60Hz

APPLICATION



PACKING LIST

PACKING LIST	CONTENT	QTY	UNIT
	10-Port gigabit uplink PoE switch	1	SET
	AC Power Cable	1	PC
	Mounting Kits(Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

Note: PoE switch does not match SFP module by default. If you need to purchase it, please refer to the accessory product information.

SELECTION OF INFORMATION

Fiber Module Selection Table

Product	Model	Description	Unit
1.25G Fiber Module		SFP optical module, 1.25G, multi mode dual fiber 850nm, transmission distance: 550m, LC interface, support DDM function, support hot plug and pull.	PC
		SFP optical module, 1.25G, single-mode dual fiber	PC

		1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	
		SFP optical module, 1.25G, single-mode single fiber TX1310nm/RX1550nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
		SFP optical module, 1.25G, single-mode single fiber TX1550nm/RX1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
		SFP optical module, 1.25G, single-mode single fiber TX1310nm/RX1550nm, transmission distance: 20km, SC interface, support DDM function, support hot plug and pull.	PC
		SFP optical module, 1.25G, single-mode single fiber TX1550nm/RX1310nm, transmission distance: 20km, SC interface, support DDM function, support hot plug and pull.	PC
Electric Module		1.25G SFP optical module transfers to 10/100/1000M RJ45 net port.	PC