Product Datasheet

10-Port Full Gigabit PoE Fiber Switch

(POE33108PF)

OVERVIEW

The POE33108PF series is a full gigabit PoE fiber switch. It has 8*10/100/1000M RJ45 ports and 2*1000M SFP solt ports. Port 1-8 can support IEEE 802.3af/at standard PoE power supply. single port PoE power reaches 30W, and the maximum PoE output power is 130W (at-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 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 SFP 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**

◇ 8*10/100/1000Base-T RJ45 ports support PoE power supply to meet the needs of PoE power supply in security monitoring, teleconferencing systems, and wireless coverage.

◇ Conforms to the IEEE 802.3af/at PoE power supply standard, automatically recognizes PoE devices for power supply, without damaging non-POE devices. The maximum POE output power of the entire device reaches 130W(at-250W), and the maximum POE output power of a single port is 30W.

◇ The PoE port supports the priority mechanism. When the remaining power is insufficient, the power supply of the high-priority port is preferentially guaranteed to prevent the device from being overloaded.

■ **The equipment is stable and reliable**

◇ The host has low power consumption, no fan, galvanized steel metal shell, excellent heat dissipation, and ensure stable operation of products.

◇ The equipment fully meets the requirements of CCC; CE, FCC and RoHS safety regulations, and is safe and reliable.

◇ ONV self-developed power supply, high redundancy design, provides long-term stable PoE power output.
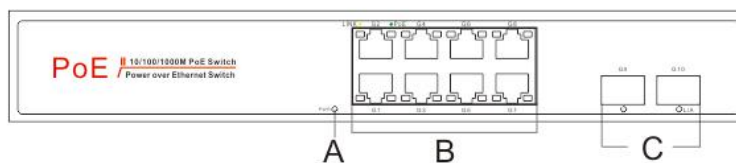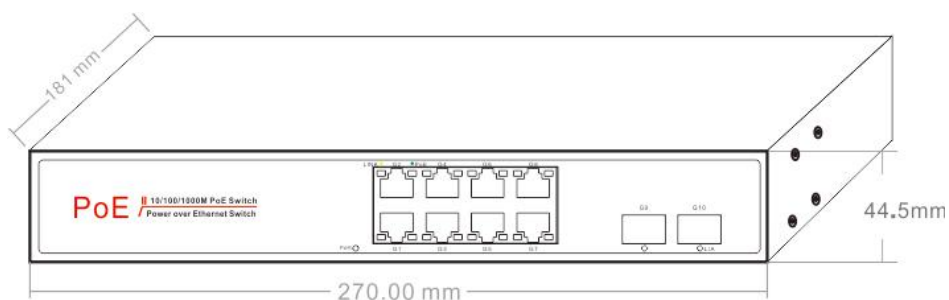
■ **Easy to operate**

◇ Plug and play, no configuration, simple and convenient.

◇ The 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

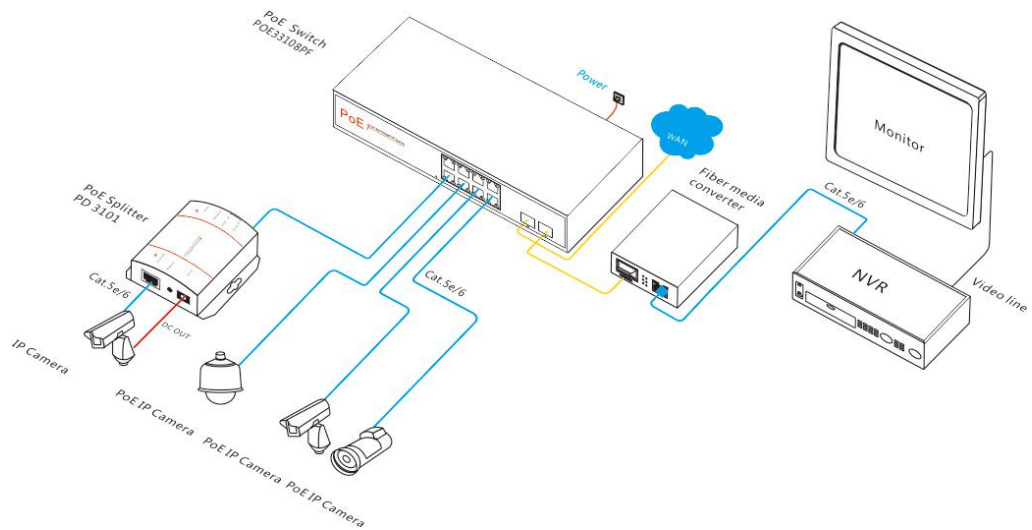| Model	POE33108PF	POE33108PF-at
Interface	8*10/100/1000Base-T PoE ports (Data /Power) 2*1000Base-X uplink SFP ports (Data)	
POE Port	Port1-8 can support POE @ IEEE802.3af/at	
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE802.3x	
PoE Standard	IEEE802.3af/at international standard	
Ethernet Port Feature	Port 1-8 can support 10/100/1000Base-T,auto-sensing, full/half duplex MDI/MDI-X	
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	20Gbps	
Forwarding Rate@64byte	14.88Mpps	
MAC	8K	
Buffer Memory	4M	
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)	
Optical Fiber 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/15.4W	30W/30W
Total PWR / Input Voltage	130W (DC52V)	250W (DC52V)
Power Consumption	Standby<6W;Full load<120W	Standby<8W;Full load<240W
LED indicator	Power indicator: PWR (green); network indicator : Link (yellow); PoE indicator: PoE (green) ; gigabit uplink SFP fiber port indicator: L/A (green)	
Power Supply	External power adapter, AC100~240V 50-60Hz 2.3A	External power adapter, AC100~240V 50-60Hz 4.1A
Operation TEMP /	-20~+55°C;5%~90% RH Non condensing	

Humidity		
Storage TEMP / Humidity	-40~+75°C;5%~95% RH Non condensing	
Dimension (L*W*H)	270*181*44.5mm	
Net /Gross Weight	<1.3kg / <1.8kg	<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	CCC; CE mark, commercial ;CE/LVD EN60950;FCC Part 15 Class B; RoHS	
Warranty	3 years, lifetime maintenance	

DIMENSION

A.Working indicator
C.2*Gigabit SFP ports
B.8* PoE ports
D.AC100-240V,50/60Hz

APPLICATION

PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	10-Port full gigabit PoE fiber switch(POE33108PF/at)	1	SET
	AC power cable+Power adapter	1	SET
	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.

ORDERING INFORMATION

Model	Description
POE33108PF	Unmanaged PoE fiber switch with 8*10/100/1000M RJ45 ports and 2*1000M uplink SFP fiber slot ports, port 1-8 can support IEEE 802.3af/at PoE standard, External 130W power supply. Support 1U/19 inch rack installation.
POE33108PF-at	Unmanaged PoE fiber switch with 8*10/100/1000M RJ45 ports and 2*1000M uplink SFP fiber slot ports, port 1-8 can support IEEE 802.3af/at PoE standard, External 250W power supply. Support 1U/19 inch rack installation.

SELECTION OF INFORMATION

Fiber Module Selection Table

Product	Model	Description	Unit
1.25G Fiber Module	2630	SFP optical module, 1.25G, multi mode dual fiber 850nm, transmission distance: 550m, LC interface, support DDM function, support hot plug and pull.	PC
	2632	SFP optical module, 1.25G, single-mode dual fiber 1310nm, transmission distance: 20km, LC interface, support DDM function, support hot plug and pull.	PC
	2612-T	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
	2613-R	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
	2612-T-SC	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
	2613-R-SC	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	2633	1.25G SFP optical module transfers to 10/100/1000M RJ45 net port.	PC