

## Datasheet

# 10-port 10/100Mbps PoE Switch

(SUN-POE31108PL)



SUN-POE31108PL è uno switch PoE non gestito 10/100M dispone di 8\* porte PoE 10/100M e 2\* porte RJ45 uplink 10/100M. Le porte 1-8 possono supportare l'alimentazione PoE standard IEEE802.3af/at e la potenza PoE della singola porta raggiunge i 30W. La potenza massima di uscita PoE è di 110W. Come dispositivo di alimentazione PoE, è in grado di rilevare e riconoscere automaticamente le apparecchiature di ricezione dell'alimentazione conformi allo standard e di fornire l'alimentazione attraverso il cavo di rete. Può alimentare apparecchiature terminali POE come AP wireless, webcam, VoIP, citofoni IP. È adatto per hotel, campus, dormitori e piccole e medie imprese.

### ■ 10/100Mbps access, dual RJ45 ports uplink

- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.
- ◇ 10\*10/100Base-TX RJ45 ports ,which is more convenient for users to flexibly set up to meet the network requirements of various scenarios.

### ■ Smart PoE power supply function

- ◇ IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- ◇ 8\*10/100Base-TX RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

### ■ Innovative function

- ◇ Long-distance mode: When it is turned on, the rate of ports 1-8 is reduced to 10M, and the existing twisted-pair wire can break through the transmission limit of 100 meters of twisted-pair wire, and the transmission distance can reach 250 meters.
- ◇ Video Surveillance mode: Opens with long-distance switches. Port 1-8 are isolated from each other but communicate with port 9-10 to prevent DHCP conflicts, optimize port cache utilization, and reduce broadcast storms.

### ■ Stable and reliable, easy to operate

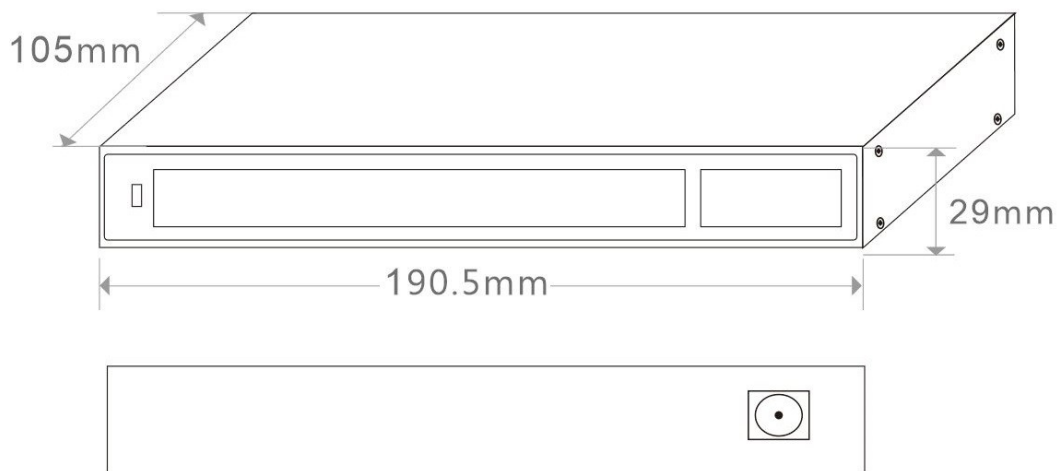
- ◇ CCC,CE, FCC, RoHS.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Low power consumption, IP30 galvanized steel casing, No fan mute design.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ◇ The user-friendly panel, it can show the device status through the LED indicator of PWR, Link, PoE.

## TECHNICAL SPECIFICATION

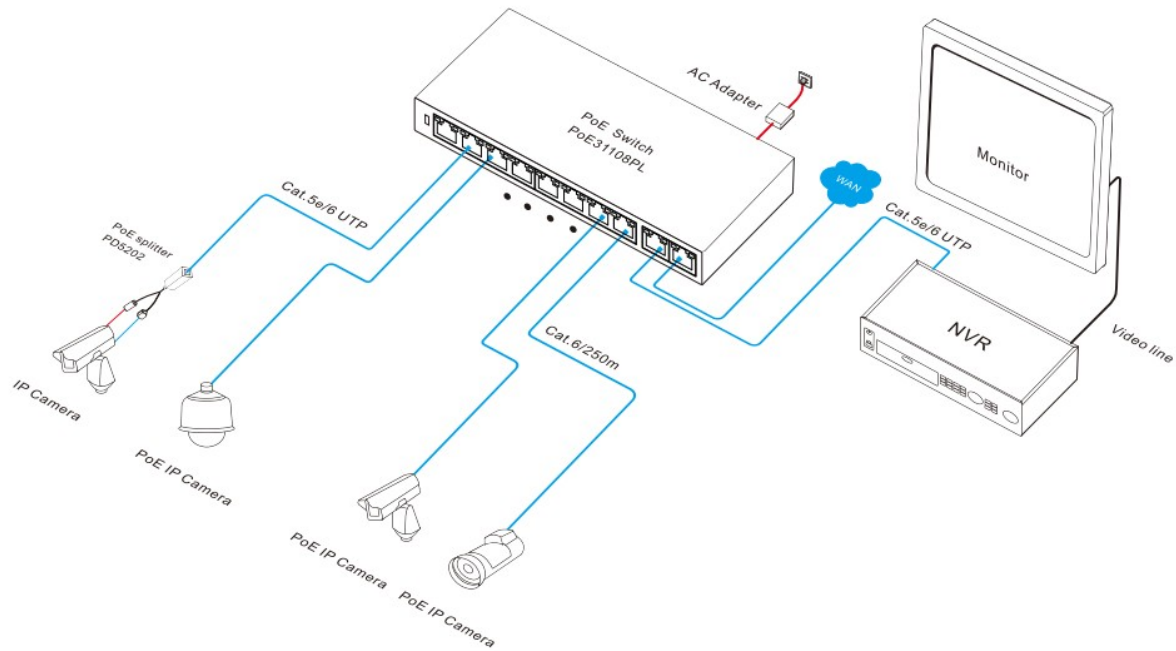
Model	SUN-POE31108PL	SUN-POE31108PL-at
<b>Interface Characteristics</b>		
Fixed Port	8*10/100Base-TX PoE ports (Data/Power) 2*10/100Base-TX uplink RJ45 ports (Data)	
Ethernet Port	Port 1-10 can support 10/100Base-TX automatic detection, full/half Duplex MDI/MDI-X adaptive	
Twisted Pair	10BASE-T:Cat3,4,5 UTP(≤250 meters)	
Transmission	100BASE-TX:Cat5 or later UTP(≤100 meters)	
Functional Switch	1*(Extend+CCTV)	
	Note: When the switch status changes, the PoE switch must be restarted for the switch function to take effect.	
<b>Chip Parameter</b>		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	2Gbps(non-blocking)	
Forwarding Rate@64byte	1.49Mpps	
MAC	2K	
Buffer Memory	1.25M	
LED Indicator	Power: PWR (Green), Network:Link (Yellow), PoE: PoE (Green)	
<b>PoE &amp; Power Supply</b>		
PoE Port	Port 1 to 8	
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	110W/DC52V	250W/DC 52V
Power Consumption	Standby<6W, Full load<110W	Standby<8W, Full load<240W

Power Supply	External power adapter AC100~240V 50-60Hz 2A	External power adapter AC100~240V 50-60Hz 5A
<b>Physical Parameter</b>		
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)	191*105*29mm	
Net /Gross Weight	<0.6kg / <1kg	<0.6kg / <1.2kg
Installation	Desktop, wall mounted	
<b>Certification &amp; Warranty</b>		
Lightning Protection	Lightning protection: 4KV 8/20us; Protection level: IP30	
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS	
Warranty	3 years, lifelong maintenance.	

## DIMENSION



## APPLICATION



## ORDERING INFORMATION

Model	Description
SUN-POE31108PL	Unmanaged PoE switch with 8*10/100M PoE ports and 2*10/100M uplink RJ45 ports. Port 1-8 can support IEEE802.3af/at PoE standard. Adjust function switch, 1-8 port VLAN isolation or 10M/250m long distance transmission. External 110W power supply.
SUN-POE31108PL-at	Unmanaged PoE switch with 8*10/100M PoE ports and 2*10/100M uplink RJ45 ports. Port 1-8 can support IEEE802.3af/at PoE standard. Adjust function switch, 1-8 port VLAN isolation or 10M/250m long distance transmission. External 250W power supply.

## PACKING LIST

	Content	Qty	Unit
Packing List	10-port 10/100Mbps PoE switch	1	SET
	AC Power Cable and Power Adapter	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

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