

# SS-POESW08-01A

## 9 Port PoE Switch



### Product Profile :

SS-POESW08-01A is 9 port 100Mbps PoE switch with 8 PoE ports with auto detection and identification of IEEE802.3af/at standard PD device to deliver power to the PoE device.

With auto detection, it will not power a non-PoE device.

SS-POESW08-01A is the best choice for mini-type commercial network because it be used economically for PoE deployment of wired AP and IP camera.

### Key Features :

- Support power over Ethernet cable device for example wireless AP and IP camera.
- Support IEEE802.3 af/at standard.
- Transmission distance 250m, to create a flexible installation for wireless AP and surveillance project.
- Supports uplink port w/auto MDI/MDIX.
- Adaptive storage forward switch system.
- Smart power and minimum consumption, guarantee PD requirement.
- With power supply circuit protection function and protection back-end device safety
- Fanless design helps saving energy and environment protection
- No noise design can reduce the affect for environment
- Compact size design
- Support IEEE802.1 Q VLAN and 4K VLANs
- Support loop circuit detection
- Supports saving power when port is disconnected

## Working Mode :

Using DIP switch control working mode, details description as below :

1. **Default** : Default switch mode
2. **VLAN** : prevents DHCP deceive and broadcast storm, protecting information and prevent virus spread and network attack ;
3. **Extend** : Increases transmission distance to 250 meter (Cat.5 or above)

## Specification :

Network Port	· 8 10/100Mbps PoE RJ45 port (port 1~port 8) · 1 10/100Mbps Non-POE RJ45 port (port 9)
Transfer Rate	· 100Mbps full Duplex, 10 or 100Mbps Half Duplex · Network interface : 10BASE-T or 100BASE-TX Ethernet RJ-45 port
Performance	· bandwidth : 1.0Gbps (no block) · network delay (100 to 100M bps) : maximum 20 $\mu$ s (using 64 byte packet) · MAC address capacity : 1K · Frames filter and transfer rate : 10M port maximum 14,800pps 100M port maximum 148,800pps
Network protocol and standard	· IEEE 802.3i 10BASE-T · IEEE 802.3u 100BASE-TX · IEEE 802.3x Flow Control · IEEE 802.3af/at Power over Ethernet
Power pin	1/2(+), 3/6(-) ; or 4/5(+), 7/8(-) ;
LEDs indicator	· Power · LINK/ACT , PoE
Power	• Total power : 96W (All PoE port, port 1~port 8) single port max 15.4W • Input power : 96W ; 48V @ 2A DC output power ; (Each country use customized power plug)
Dimensions	· Size (LxWxH) : 92mm x 82mm x 22mm · Weight : 0.9 kg
Environment	· Operating Temperature : 0 $^{\circ}$ ~45 $^{\circ}$ C (32 $^{\circ}$ ~113 $^{\circ}$ F) · Storage Temperature : -20 $^{\circ}$ C~90 $^{\circ}$ C (-4 $^{\circ}$ ~194 $^{\circ}$ F) · Working Humidity : 10%~90% (Non-condensing) · Storage Humidity : 5%~90% (Non-condensing)
EMC	· CE Class B · FCC Part 15, Class B · VCCI Class B · C-Tick
Certifications	· CE/LVD
Warranty	· 1 year

## Indicator Description

Indicator	Introductions	Normal State	Abnormal and Process
POW	POW Indicators	Green Light ON	If red light off, pls check if the external power supply plug powered normal and the power adaptor connect correctly.
POE	POE Indication	Yellow Light ON	If red light off, pls check if the corresponding RJ45 access network device and the network cable connect correctly, if the network cable is accord with Cat.5 standard(transmission distance max. 100meter) 、 if the network cable and network device is damaged.
LINK/ACT	PD Device Connection Indication	LINK: Yellow Light ON	If light off, pls check if the corresponding RJ45 access network device and POE powered normal if the network cable connect correctly and network device is damaged.

## Safety:

1. No user adjustments inside. Please don't open the casing of product.
2. Please be careful with the risk of strong current and security protection when products carry power.
3. Please select the right power adaptor to provide power for PoE switch, before using please confirm if is it in accordance with the requirement of PoE switch.
4. Please don't use PoE switch under the humid environment, prevent water from going into the product inside causing PoE switch breakdown.
5. Please start the power after the circuit connected.
6. Please don't plug-in and unplug the connection cable when product is carrying power.
7. Please don't use PoE switch in areas of heavy dust.
8. Please don't set heavy objects on PoE switch.
9. According to the IEEE802.3AF/AT standard, please use Cat.5 or above for transmission distance of 250 m.
10. Please don't exceed the maximum output power of PoE switch when connecting more than one PD device.
11. We suggest that PoE switch be used for indoor, if you want to use for outdoor, please install waterproof box