



## Managed 24 Port Gigabit PoE Switch SC-SGS3024-300W



[www.oncuguvenlik.com.tr](http://www.oncuguvenlik.com.tr)

## Product Profile

SC-SGS3024-300W is Layer2 Managed 24 port gigabit PoE switch, auto detection and identification IEEE802.3af/at standard PD device, then carry power to it. Therefore do not worry it will destroy the private standard PoE or Non-PoE equipment. SC-SGS3024-300W is the best choice for minitype commercial network because it economically use PoE deployment wireless AP and IP camera. SC-SGS3024-300W can resolve the problem of maintenance tedious, wireless coverage, terminal device powered, surveillance project. Maximum save the cost.

## Key Features

- Support power over ethernet cable device for example wireless AP and IP camera.
- Support IEEE802.3af/at standard .
- Data and power transmission distance 100m, it can be flexible installation for wireless AP and surveillance project.
- 4.1Mbit Packet buffer size ;
- 10K Bytes of packet length ;
- Adopted storage forward switch system.
- Support the full port loaded with IEEE802.3 af /at power supply ;
- Smart power and minimum consumption , guarantee PD requirement.
- With power supply circuit protection function and protection back-end device safety
- Automatically provide the adaptive device
- PSE modular design can flexible select PoE mode, easy to install
- Support IEEE802.1 Q VLAN and 4K VLANs
- Support IEEE 802.3, IEEE802.3u, IEEE802.3x, IEEE802.3az standard ;
- Dynamic LED , Provide the tips of simple working state and troubleshooting
- Support 3 modes
  - Default mode: POE data&power transmission 100m
  - Vlan Mode: Protect information and network
  - Extend mode: POE data&power transmission 250m
- Support AI Extend&AI QoS&AI Power supply&AI Vlan
- Web IP address: 192.168.254.1
- User Name: admin
- Password : admin
- Support HI POE, IEEE802.3af/at, Max. 46W output power single port

## Specification

Network Port	: 10/100/1000Mbps PoE RJ45 port ( port 1 ~ port24 )
	: 2 Gigabit SFP port ( 25 port-26 port )
Transfer Pattern	Full wired-speed store-and-forward
Performance	• bandwidth : 52Gbps (non-blocking )
	• network delay ( 100 to 1000M bps ) : maximum 20 μs ( using 64 byte packet )
	• network delay ( 1000 to 1000M bps ) : maximum 10 μs ( using 64 byte packet )
	• MAC address capacity : 8K
	• Frames filter and transfer rate :
	10M : 14,880pps/port
	100M : 148809pps/port
	1000M : 1488095pps/port
Network protocol and standard	: IEEE 802.3ad, LACP ;
	: IEEE 802.3u, Fast Ethernet ;
	: IEEE 802.3ab, Gigabit Ethernet standard
	: IEEE 802.3x, Full-duplex Ethernet data link layers ;
	: IEEE 802.3af/at, Ethernet power supply POE standard ;
	: IEEE 802.3az, IEEE Energy efficient Ethernet standard ;
	: IEEE 802.3z, Gigabit Ethernet fiber-optic standards ;
POE pin	1/2(+), 3/6(-) ;
LEDs indicator	: Power, POE
	: Link/ACT, 1000M
Power supply	• Total power : 300W ( All PoE port , port 1 ~ port24 )
Dimensions	: Size ( LxWxH ) : 440mm x 230 mm x 44 mm
	: Weight: 3.5 kg
Environment	: Operating Temperature : 0°~40°C ( 32°~104°F )
	: Storage Temperature : -40°C~70°C ( -104°~158°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, ROHS, FCC

## AI 4 Shortcut buttons

QOS: Improve video data processing capabilities and improve the monitoring of Caton and Mosaic phenomena in the network

CCTV: 1-8 port rate down to 10Mbps, but the transmission distance up to 250 meters

VLAN: Isolating ports 1-24 from each other, suppress network storms effectively and improve network performance

AI power supply: Detect PD, power failure and restart dead equipment

## Application Suggestion

1. In order to safety , pls non-professionals don' t open the casing of product ; Pls be careful the risk of strong current and security protection when product is carrying on power ;
- 3.Pls select the right power adaptor provide power for PoE switch , before using pls confirm if is it accord with the requirement of PoE switch ;
- 4.Pls don' t use PoE switch under the humid environment , avoiding water go into the product inside caused PoE switch breakdown.
- 5.Pls start the power after the circuit connected ;
- 6.Pls don' t plug-in and plug-out the connection cable when product is carrying on power ;
- 7.Pls don' t use PoE switch under somewhere with more dust and EME;
- 8.Pls don' t put heavy product on PoE switch , in order to having an accident. ;
- 9.According to the IEEE802.3AF/AT standard, pls use the Cat.5 or above ;
- 10.Pls don' t exceed the maximum output power of PoE switch when it connect more than one PD device ;