



Managed 24 Port 100MbpsPoE Switch SC-SG3024-300W



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Product Profile

SC-SG3024-300W is Layer2 Managed 24 port 10/100Mbps 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-SG3024-300W is the best choice for minitype commercial network because it economically use PoE deployment wireless AP and IP camera. SC-SG3024-300W 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 CCTV Extend&AI QoS&AI Power supply&Vlan
- Web IP address: 192.168.254.1
- User Name: admin
- Password : admin
- Support HI-POE: 46W for single port

Specification

Network Port	•10/100MbpsPoE RJ45 port (port 1 ~ port24)
	•2 Gigabit combo port
Transfer Pattern	Full wired-speed store-and-forward
Performance	•bandwidth : 8.8Gbps(non-blocking)
	•network delay (100to1000Mbps) : maximum 20μs (using 64 byte packet)
	•network delay (1000to1000Mbps) : maximum 10μs (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	•IEEE802.3ad,LACP ;
	•IEEE802.3u, Fast Ethernet ;
	•IEEE802.3ab,Gigabit Ethernet standard
	•IEEE802.3x,Full-duplex Ethernet data link layers ;
	•IEEE802.3af/at,Ethernet power supply POE standard ;
	•IEEE802.3az,EEE ,Energy efficient Ethernet standard ;
•IEEE802.3z ,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 , port1 ~ port24)
Dimensions	•Size (LxWxH) : 440mmx230mmx 44mm
	•Weight:3.5kg
Environment	•Operating Temperature : 0°~40°C (32°~104°F)
	•Storage Temperature : -40°~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 ;