

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 ;



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



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 IEEE802.3af/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 IEEE802.1Q 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> • Total power : 300W (All PoE port , port 1 ~ port24) Size (LxWxH) : 440mm x 230 mm x 44 mm
Dimensions	Weight: 3.5 kg
Environment	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> CE Class B FCC Part 15 , Class B VCCI Class B C-Tick
Certifications	CE, ROHS, FCC