

Security Industry Rack-Mounted WEB Managed PoE Industrial Switch



Security Industry Rack-Mounted WEB Managed PoE Industrial Switch can support 2 100/1000BaseX SFP ports + 24 10/100/1000BaseT PoE ports, which is specially designed for harsh industrial environments, providing economic solutions for industrial Ethernet connections. The working temperature of this switch is $-40^{\circ}\text{C}\sim+75^{\circ}\text{C}$.

The Security Industry Rack-Mounted WEB Managed PoE Industrial Switch adopts redundant dual power inputs, 48~54VDC, rack-mounted, which can provide power up to 30W for each PoE port. With rugged aluminum alloy housing, IP40 protection class, this switch passed the high level tests of EMI/EMC. And all the models have gone through the strict aging test, meeting the requirements of security industry.

Features and Benefits

- All 1000M ports
- 52Gbps backplane bandwidth
- Wide and varied power supply range
- Non-rust aluminum alloy housing and torx screws
- Support WEB management
- All ports support line speed forwarding and automatic turnover, supporting long-distance transmission
- Support one-click port isolation and self-healing ring network.
- Support one-click factory settings restoration and restart
- Support uploading and downloading configuration files
- Support IEEE 802.3af/at PoE
- Each PoE port support 802.1af and 802.1at
- Lightning Protection: power port $\pm 4\text{KV}$, RJ45 port $\pm 4\text{KV}$

- IP40 Protection Class
- Compact and easy to install, plug and play without configuring
- Fanless design, wide working temperature and quiet operation
- MTBF \geq 300,000h

Technical Specifications

- IEEE 802.3 CSMA/CD Method and Physical Layer Specifications
- IEEE 802.1p Priority Queuing
- IEEE 802.1q VLAN Tagging
- IEEE 802.1w Rapid Spanning Tree
- IEEE 802.3ac VLAN Tagging
- IEEE 802.3ad Link Aggregation
- IEEE 802.3af/at PoE
- IEEE 802.3x Flow Control
- IEEE 802.3 Ethernet
- IEEE 802.3u Fast Ethernet
- IEEE 802.3z Gigabit Ethernet
- IEEE 802 Networks
- RFC 768 UDP
- RFC 791 IP
- RFC792 ICMP
- RFC 793 TCP
- RFC 826 ARP
- RFC 862 Echo Protocol
- RFC 863 Discard Protocol
- RFC 1027 Using ARP to Implement Transparent Subnet Gateways
- RFC 1112 IGMP
- RFC 2068 HTTP
- RFC 2236 IGMPv2
- IGMP Snooping

Switch Properties

Backplane Bandwidth:	52Gbps
Switch Architecture:	Store-Forward
MAC Table Size:	8K
Buffer Size:	4.1Mbit
Exchange Rate:	148,800 pps/100M port; 1,488,000 pps/1000M port

Software Functions

Management Mode:	WEB based on HTTP, SNMPv1, SNMPv2
Diagnosis Mode:	Indicator Light, Journal File, Port Mirroring, TRAP
Redundancy:	RSTP
DIP Switch:	RSTP, VLAN
Others:	4K VLANS, IPv4 Multicast, storm control, support Jumbo Frame

Power Parameters

Connection:	5-pin terminal block
Input Voltage:	48 ~ 54VDC, dual inputs
Overload Current Protection:	Supported
Reverse Polarity Protection:	Supported

Physical Performance

Installation:	Rack-Mounted
Housing:	Aluminum Alloy Housing
Protection Class:	IP40
Dimensions (W×H×D):	440mm × 43.8mm × 200mm
Weight:	1.7kg

Mechanical Characteristics

Vibration:	IEC 60068-2-6
Shock:	IEC 60068-2-27
Free-fall:	IEC 60068-2-31
Circuit Board:	Approved by IPC

Environment Limits

Storage Temperature:	-40°C ~ +85°C
Operating Temperature:	-40°C ~ +75°C
Ambient Relative Humidity:	5% ~ 95% (Non-condensing)

Electromagnetic Characteristics

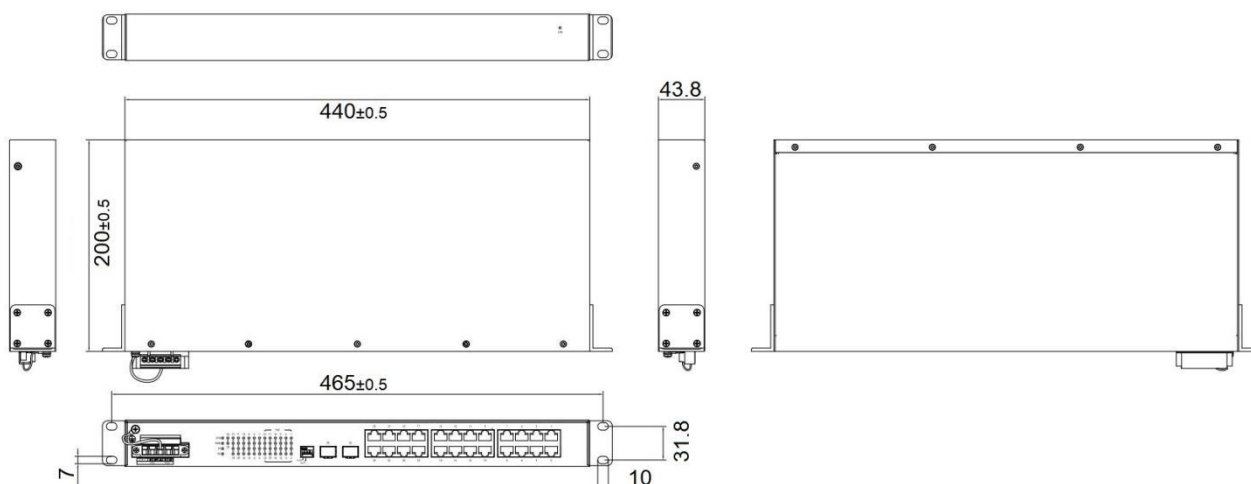
EMI:	FCC 47 CFR Part 15 Class A
	EN55032 Class A
	EN55035 Class A
EMS:	IEC(EN)61000-4-2, Class 4
	IEC(EN)61000-4-3, Class 3
	IEC(EN)61000-4-4, Class 4
	IEC(EN)61000-4-5, Class 4
	IEC(EN)61000-4-6, Class 3
	IEC(EN)61000-4-8, Class 5

Industrial Certification and Testing

Product Safety:	EN 62368-1
EMC:	EN 55032
	EN 55035
	EN IEC61000-3-2
	EN 61000-3-3
	FCC Part 15 Subpart B Class A
Others:	Test Report from Ministry of Public Security, Network Access License, RoHS

Dimensions

Unit: mm



Ordering Information

P/N	Description
SRS2000-SW26PP2G24P	26-port WEB managed industrial switch made from Anti-corrosion aluminum alloy, support 2 100/1000BaseX SFP ports (SFP module not included) + 24 10/100/1000BaseT PoE ports. 1U high, rack-mounted. IP40 protection class. Operating temperature -40°C ~ +75°C. Dual isolated power inputs (48~54VDC).

For More Information

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