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SA-S3208

SERIES SWITCH

DESCRIPTION

Starview's Web Smart Industrial Ethernet Switch is an innovative and independent product for industrial networking. We define it as the LITE model, designed specifically for small industrial networks and highly cost-effective. In addition to adopting industry-leading technical standards, this product can guarantee reliable and reliable Ethernet transmissions.

KEY FEATURES

- 8x10/100/1000BASE-T Gigabit Ethernet RJ45
- 2x100/1000BASE-X SFP ports for SFP Type auto detection
- Optionally support IEEE 802.3 af/at Power Over Ethernet Standard
- A compact, all-aluminium case with a fanless design
- The temperature from -40 to 75°C maintains performance in extreme conditions
- DIP Switch supports RSTP/VLAN/SPEED
- Provide 9K bytes Jumbo frame that is compatible with multiple extension protocols
- Facility IEEE802.3az energy-efficient Ethernet
- Complete with electricity surge protection, easy to use in an outdoor environment
- Detailed status indicator, working state at a glance
- Design for power input polarity protection
- Either DIN rail or Wall Mount Installation
- An easy-to-use WebGUI interface

Ethernet data exchange, convergence, and long-distance optical transmission are available with efficient bandwidth and reliable fibre optic networks. Industrial switches conform to many characteristics, such as no fan, low power consumption, high reliability and stability, and easy maintenance.
Industrial Ethernet Switch adopts mature technology and open network standards, adapts to low temperature and high temperature, protects against electromagnetic interference, anti-salt fog, antivibration, and anti-shake, and is equipped with redundant dual It can also operate either at the standard operating temperature range of -40 to 75°C. Industrial switches support standard 19" rack mounts with IP40 protection and are perfect choices for harsh environments

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Technical specifications

STARVIEW SA-S3208 SERIES SWITCH

MODEL		SA-S3208R	SA-S3208PT
Copper Ports		8x10/100/1000BASE-T RJ45 Auto-MDI/MDI-X (Port 1-8)	
Fiber Ports		Default: 2x100/1000BASE-X SFP Slots (Port 9 and Port 10)	
Console		1x RJ45-to-RS232 Serial Port (115200)	
Connector		1 removable 6-contact terminal blocks Pin 1/2 for Power 1, Pin 3/4 for Power 2, Pin 5/6 for fault alarm	
Alarm		One relay output for power failure, Alarm relay current carry ability: 1A@24V DC	
RAM		128Mbyte	
FLASH		32MByte	
Reset Button		<5 sec: System Reboot; >10 sec: Factory Default	
Surge Protection		±6kV DC, ±6kV RJ45	
Enclosure		IP40 aluminum case	
Installation		DIN-Rail and Wall-mount	
Dimension		138 x 108 x 49mm	
Weight		660g (Bare weight), 860g (With package)	
SWITCHING			
Switch Architecture		Store-and-Forward	
Switch Fabric		36Gbps/non-blocking	
Forwarding Rate		11.9Mpps (64-byte packet size)	
Packet Buffer Size		4 Mbits	
Maximum Packet Length		10K bytes	
MAC Address Table		8K entries, automatic source address learning and aging	
Flow Control		IEEE 802.3x pause frame for full duplex, Back pressure for half duplex	
POE & POWER SUPPLY			
PoE Ports		Port 1 to 8 IEEE802.3 af/at	Port 1 to 8 IEEE802.3 af/at/bt
PoE Power Supply Type		End-span	End-span
Power Supply Pin		1/2(+), 3/6(-)	1/2(+), 3/6(-) or 4/5(+), 7/8(-)
Max Power Per Port		30W	90W
Input Voltage		DC48-56V	DC52-56V
Power Consumption		10 Watts Max (without PoE load)	
PoE Power Budget		240W maximum (Depending on power input)	240W maximum (Depending on power input)
Environmental	Operating Temperature	-40°C ~ 75°C (-40 to 167°F)	
	Operating Humidity	5% ~ 90% (non-condensing)	
	Storage Temperature	-40°C ~ 85°C (-40 to 185°F)	
	MTBF	907,476 hours @ Telcordia SR-332 Standard	
	Heat Dissipation	34 BTU/h (non-PoE mode), 853 BTU/h (with 240W PoE load)	
	Cooling	Passive Cooling, Fanless Design	
	Noise Level	0 dBA	
SOFTWARE FEATURES			
Redundancy Protocol		IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)	
Multicast Support		Support IGMP Snooping V1	
VLAN		Support IEEE 802.1Q 4K VLAN, Port Isolation, Trunk Group Setting	
QOS		Support Port, 1Q, ACL, DSCP, CVLAN, SVLAN, DA, SA, Port Priority, Queue Weight	
Diagnostic Maintenance		Support port mirroring, Port Statistics, Cable Diagnostic	
Management Function		WEB, SNMPv1, EEE, Green Ethernet	
Security		Broadcast/Multicast Storm Protection, MAC filtering, MAC Constraint	
Advance Functions		Bandwidth Control (Ingress and Egress Rate), Jumbo Frame, Firmware Online Upgrade, Configuration Backup	
PACKAGE CONTENTS			
Device		1x Industrial Ethernet Switch	
Installation Kit		2 x Caps, plastic, for SFP Slots Or 2 x Caps, plastic, for SC fiber port Or 2 x Caps, plastic, for ST fiber port 2x Wall-Mount Kits; 1x DIN Rail Buckle	
Documentation		1 x Quick installation guide 1 x Warranty card 1x Product notice	

For technical or sales support, please visit:
www.starviewint.asia

Performance specifications are typical. Due to constant research, specifications are subject to change without notice. For the most up-to-date specifications, please contact an authorized Starview representative.

For assistance with confirming the Jurisdiction & Classification of Starview Asia products, please contact info@starviewint.asia

Australia Headquarters: Level 40, 140 Williams Street, Melbourne VIC 3000, Australia

	DIP Switch
#1	RSTP Enable/Disable (Default: Enable)
#2	VLAN Enable/Disable (Default: Disabled)
#3	SFP port fixed speed, ON as 100M (Default: 100/1000M Adaptive

Notes:
1. RSTP switches to the ON position, which indicates RSTP is in disabled status.
2. VLAN switches to the ON position, which indicates VLAN is in enabled status. All LAN ports are only able to communicate with the SFP uplinks when this option is enabled.
3. To take effect the DIP Switch function while the ethernet switch is in operation, there is a need to reboot the Ethernet switch after tuning the DIP switch.

DIMENSIONS