

S2200-P Series

Layer2 Smart-lite Gigabit PoE Switch

Overview

The S2200-P series is equipped with 6 to 24 Gigabit ports includes PoE ports compliance with IEEE 802.3at and automatically detect and supply power max up to 30W per port. However, the S2200-P series is more than just a typical PoE switch. It comes with an easy-to-use web configuration to prioritize, limit and/or protect network traffics. It has been designed specifically for customers who require simple control functions for office network management.

Ordering information



S2228S-P

- 24x GE (PoE), 4x 1G SFP Uplinks
- IEEE 802.3af/at, 480W power budget
- AC: 100~240V 50/60Hz,



S2220S-P

- 16x GE (PoE), 4x 1G SFP Uplinks
- IEEE 802.3af/at, 260W power budget
- AC: 100~240V 50/60Hz



S2210S-P

- 8x GE (PoE), 2x 1G SFP Uplinks
- IEEE 802.3af/at, 120W power budget
- AC: 100~240V 50/60Hz,



S2206G-P

- 4x GE (PoE), 2x GE Uplinks
- IEEE 802.3af/at, 60W power budget
- AC: 100~240V 50/60Hz,

Features

Smart PoE+ 802.3af/802.3at support

The S2200-P series supports the IEEE 802.3at standard, providing a maximum of 30 watts per port to supply power to PoE network devices like wireless APs, IP cameras and VoIP phones. Web GUI management enables you to monitor the power status on each port and/or reboot the network devices, as needed.

IGMP Snooping for optimized traffic delivery

Based on the IGMP (Internet Group Management Protocol) query and report messages, the switch forwards traffic only to the ports that request the multicast traffic rather than to all ports. It helps to optimize multicast performance and is especially useful for bandwidth-intensive IP multicast applications such as online media streaming and gaming

VLAN segregation for enhanced network security

VLAN (virtual local area network) can be used to separate traffic within a business such as isolating resources between network administrators and general users or between employees and public guest users.

Enhanced QoS for better traffic control

QoS (Quality of service) is the ability to provide different priority to different applications, users, or video/voice/data flows, or to guarantee a certain level of performance to a data flow.

Link Aggregation increase throughput

The S2200-P series combines 2 physical ports together to make a single high-bandwidth data path, for faster file transfers and to enhance connection reliability.

Advanced Energy-Savings at Work

This switch's built-in IEEE 802.3az Energy Efficient Ethernet (EEE) function automatically detects network traffic and adjusts power consumption dynamically to reduce power usage during times of low traffic.

Hardware Specification

Model	S2228S-P	S2220S-P	S2210S-P	S2206G-P
LAN port	24 *GE(PoE)	16*GE(PoE)	8*GE(PoE)	4*GE(PoE)
Uplink port	4*SFP	4*SFP	2*SFP	2*GE
Chipset	EN8851C+RTL8238B +RTL8239	EN8853C + RTL8238B	EN8851C+RTL8238B	EN8851C+ RTL8234B
Packet buffer	4M	4M	4M	4M
Flash	256K	256K	256K	256K
Forwarding rate	41.66Mpps	29.76Mpps	14.88Mpps	8.92Mpps
Switching capacity	56Gbps	40Gbps	20Gbps	12Gbps
Switching mode	Store-forward	Store-forward	Store-forward	Store-forward
MAC address	8K	8K	8K	8K
Button	Reset	Reset	Reset	Reset
Size	440 x 260 x 44mm	440 x 260 x 44mm	220X135X30mm	158 x 105 x 27mm
Power supply	AC100-240V	AC100-240V	AC100-240V	AC100-240V
PoE Standards	IEEE 802.3af/at/bt	IEEE 802.3af/at	IEEE 802.3af/at	IEEE 802.3af/at
PoE budget	480W	260W	120W	60W
Power consumption	560W	280W	140W	65W
Cooling System	Smart FAN <50db	Smart FAN <50db	Fanless	Fanless
LED	PWR、POE STA、 LINK/ACT、POE	PWR、POE STA、 LINK/ACT、POE	PWR、POE STA、 LINK/ACT、POE	PWR、POE STA、 LINK/ACT、POE
Working Temp.	0-45°C	0-45°C	0-45°C	0-45°C
Storage Temp.	-40-70°C	-40-70°C	-40-70°C	-40-70°C
Working Humidity.	10%-90%RH	10%-90%RH	10%-90%RH,	10%-90%RH,
Storage Humidity.	5%-90%RH	5%-90%RH	5%-90%RH	5%-90%RH

Software Specification

Flow control	Full
	Half
	HOL
VLAN	Access mode
	Trunk mode
LACP (Link aggregation)	MANUAL mode
LLDP	Support

STP	Support
loopback	Port-based
POE	POE timer
	POE Priority
	PD-alive
Storm control	Broadcast storm control
	Multicast storm control
	Unknown unicast storm control
QOS	Ingress rate limit
	Egress rate limiting
	PQ
	WRR
	SP+WRR
ACL	MAC-based ACL
	IPV4-based ACL
	IPV6-based ACL
network security	DHCP SNOOPING
	IP source Guard
	DDOS Attack defense
Port isolation	Support
Port mirroring	One-to-one mirroring
IGMP SNOOPING	V1,V2
IP management	IPV4
	http
	Profile import and export
	SNTP
	restart
	Return to factory
	Firmware update
	Username and password
	DHCP client
	cloud (customizable)

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