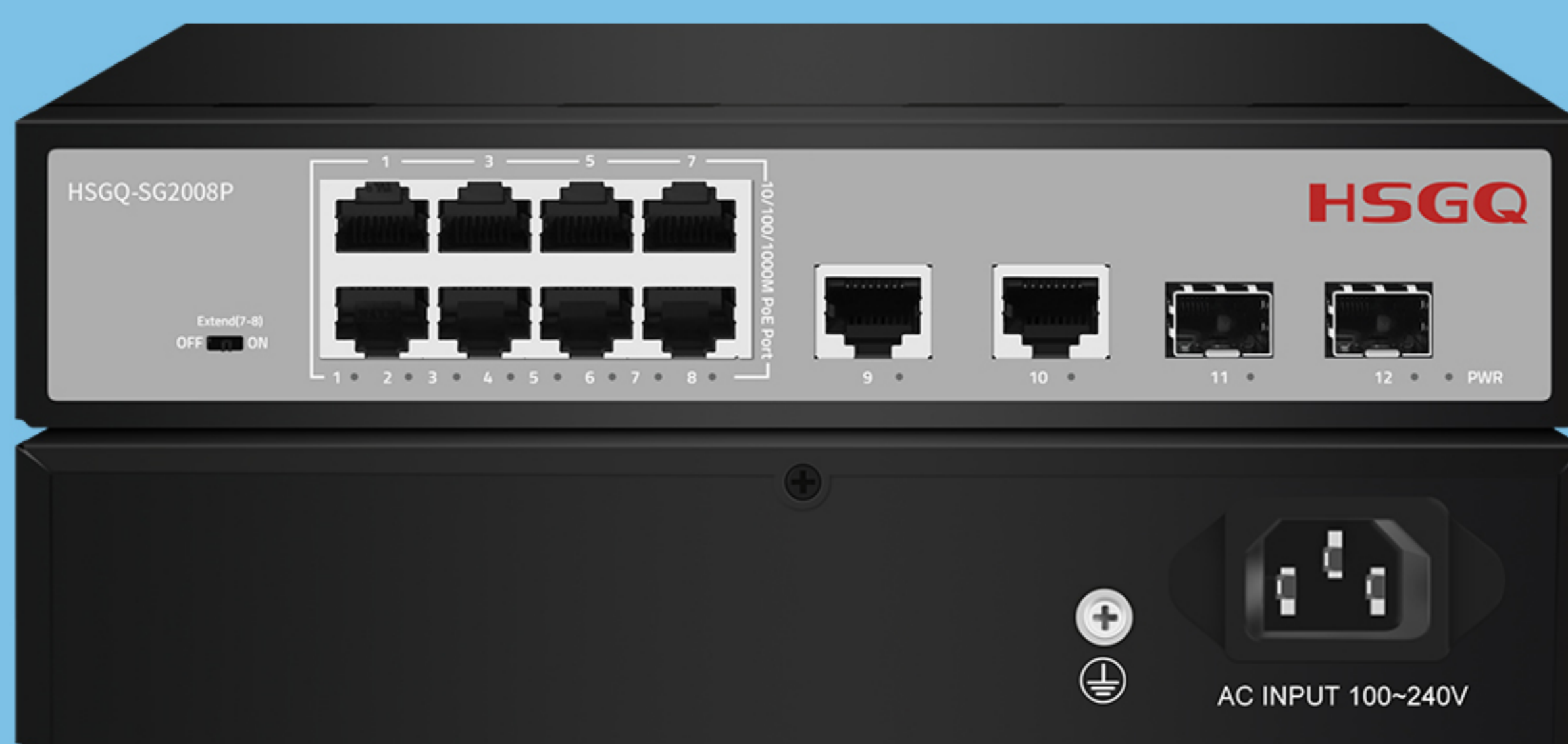


HSGQ-SG2008P



Product Description

The 12-port gigabit intelligent standard PoE switch, uses high-quality, high-speed network IC and the most stable PoE chip. It can provide seamless connectivity on 10/100/1000M ethernet network. The latest AI function is integrated into the switch, and the port automatically enables AI mode in extend mode. The PoE power supply port automatically detects and supplies power to the powered devices that comply with the IEEE802.3af or IEEE802.3at standards. Non-poe devices do not automatically detect power supply and only transmit data.

PoE is an ethernet power supply that transmits data signals to IP-based terminals, such as IP phones, wireless access aps, and network cameras. , but also provides DC power to the device. Technically, these devices that receive DC power are called power supply devices.

Simple installation and maintenance methods and rich service functions help users build a secure, reliable and high-performance network. It is mainly located in industrial parks, buildings, factories, mines, government agencies, residential broadband and other user network core or fusion layer; It can be widely applied to Ethernet access scenarios of small and medium-sized enterprises, Internet cafes, hotels, and schools.

Product Features

I/O Interface	Power	AC100-240V50/60Hz
	Ethernet	8×Gigabit PoE Ports 2×Gigabit Ethernet ports 2×Gigabit SFP Ports;
Performance	Bandwidth	24Gbps
	Pack Forward Rate	17.856Mpps
	Package Cache	448Kb
	MAC Address	2K
	Jumbo Frame	9216bytes
	Forwarding Mode	Storage & forward
Standard	Network Protocol	IEEE802.3 (Ethernet)
		IEEE802.3u (Fast Ethernet)
		IEEE802.3ab (Gigabit Ethernet)
		IEEE802.3x (Flow Control)
	PoE Protocol	IEEE802.3af(15.4W)
		IEEE802.3at(30W)
	Network Medium	10Base-T: Cat 3, 4, 5 Class or above UTP/STP (≤ 100m)
		100Base-TX: Cat 5 Class or above UTP/STP (≤ 100m)
		1000Base-TX: Cat 5 Class or above UTP/STP (≤ 100m)
	Optical Medium	Multimode optical fiber: 50/125, 62.5/125, 100/140um
Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um		
Environmental Standards	Working Environment	Working Temperature: -10~50°C
		Storage Temperature: -40~70°C
		Working Humidity: 10%~90%, non-condensing
Mechanical	Structure Size	Product Dimensions: 220×161×44.5mm
		Package Dimensions: 315×215×85mm
		Product N.W: 0.92kg Product G.W: 1.22kg
	Packing Info	Carton Dimensions: 445×445×335mm
		Packing Quantity: 10 PCS Packing Weight: 13.2KG
Power Voltage	Input voltage: AC 100-240 V 50-60Hz Supply power: 52V/2.3A 120W	

Product Specifications

Indication	LED Indicators	PWR (Power) 1-12 Green Light (Link&Data)
	PWR	On: Powered on Off: Powered off
	1-10 Green Light (Link&Data)	On: Link normal Off: Link blocked Flashing: Data transmitting
	DIP Switch	Default: common mode, all interfaces can communicate with each other, the transmission distance is less than 100 meters, the transmission rate is 10/100/1000M adaptive; The port AI mode is disabled Extend: Link extension mode, 7-8 ports force 10M, transmission distance extend to 250M(enable PoE watchdog)

Key Features

- 8×Gigabit PoE Ports+2×Gigabit Ethernet ports+2×Gigabit SFP Ports
- Support IEEE 802.3, IEEE 802.3u, IEEE 802.3u, IEEE802.3x standard
- Ethernet Ports support 10/100/1000M self- adaptive
- The AI mode is automatically enabled 10M speed for Ports 7-8 in Extend mode
- Support PoE QoS Priority, priority ranges from 1 to 8. Enabled by default
- Flow control mode: IEEE 802.3x standard for full duplex, and Back Pressure standard for half duplex
- Zero configuration feature, automatically supplied to adaptive equipment
- Panel indicator monitoring status and help failure analysis
- With DIP switch, support Default and Extend modes

Application Environment

- Subway optical broadband network: telecommunication, cable TV, network system integration, etc
- Special broadband network: applicable to financial, government, oil, railways, electricity, public security, transportation, education and other industries
- Multimedia transmission: integrated transmission of image, voice and data, suitable for remote teaching, conference TV, video telephone and other applications
- Real-time monitoring: real-time control signal, image, data synchronous transmission

Ordering Information

Product Model	Description
HSGQ-SG2008P	12 Port Gigabit Intelligent Standard PoE Switch

For more information, please visit: <http://www.hsgq.com>

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