



10 Port Gigabit PoE Switch

【Product Description】

10 Port Gigabit Ethernet PoE switch with high quality and high-speed network IC and the most stable PoE chips, provide seamless connections to 10/100/1000M Ethernet, and the PoE supply port can automatically detect and supply receiving devices meeting IEEE802.3af/at standard, non-PoE devices intelligently detect no power and only transmit data.

PoE technology (Power over Ethernet), Ethernet power supply technology, while also providing DC power supply technology for some IP-based terminals, such as IP phones, wireless access AP, network cameras, etc. DC receiving devices called powered devices.

With simple and convenient installation and maintenance means and rich business characteristics, we can help users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks of industrial parks, buildings, factories and mines, government organs, community broadband; and can be widely used in small and medium-sized enterprises, Internet cafes, hotels, schools and other Ethernet access scenarios.

【Main Feature】

- Support 8* 10/100/1000M PoE Ports+2* Gigabit SFP Ports
- Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab Standard
- Flow control mode: IEEE 802.3X standard for full duplex, and Back Pressure standard for half duplex
- Support for port automatic flip (Auto MDI/MDIX)
- Adopt store-and-forward switching mechanism
- All ports support wire speed exchanging
- Zero configuration feature, automatically supplied to adaptive equipment
- Panel indicators monitor operating status and help with fault analysis

【Application Environment】

- ◆ Urban optical fiber broadband network: Telecommunications, cable TV, network system integration, according to network operators.
- ◆ Broadband special network: Suitable for finance, government, oil, electricity, public security, education and other industries.
- ◆ Multimedia transmission: Image, voice, data comprehensive transmission, suitable for remote teaching, conference television, video telephone and other applications.
- ◆ Multimedia transmission: Image, voice, data comprehensive transmission, suitable for remote teaching, conference television, video telephone and other applications.

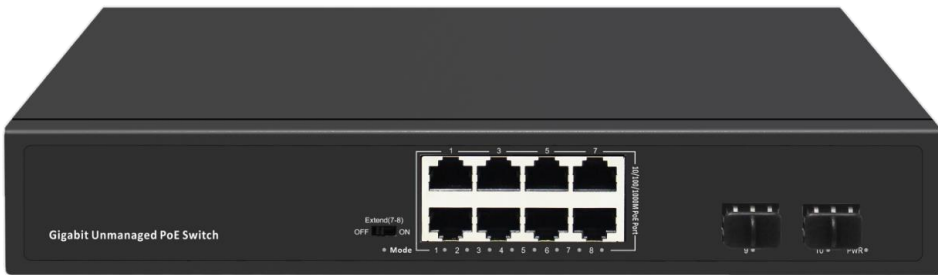
【Specification】

I/O Interface	
Power	AC 100~240V 50/60Hz
Ethernet	8* 10/100/1000M PoE Ports

	2* Gigabit SFP Ports
Performance	
Bandwidth	20Gbps
Packet Forwarding Rate	14.88Mpps
Packet Cache	2Mb
MAC Address	2K
Jumbo Frame	9216bytes
Forwarding Mode	Store and Forward
Standard	
Network Standard	IEEE 802.3 IEEE 802.3u IEEE 802.3ab IEEE 802.3z IEEE 802.3x
PoE Standard	IEEE802.3af (15.4 W) IEEE802.3at (30 W)
Optical Medium	Multi-mode optical fiber: 50/125, 62.5/125, 100/140um Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um
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)
Industry Standard	EMI: FCC Part 15, CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), EN61000-4-4 (EFT), EN61000-4-5 (Surge)
Certification	
Safety Standard	CE, FCC, RoHS
Environment Standard	
Working Environment	Working Temperature: -20~50°C Storage Temperature: -40~80°C Working Temperature: -10~50°C Working Humidity: 10%~90%, non-condensing Storage Temperature: 5%~90%, Storage Temperature: -40~70°C, non-condensing Working Humidity: 10%~90%, non-condensing Working Height: Maximum 10,000 feet Storage Temperature: 5%~90%, non-condensing Storage Height: Maximum 10,000 feet
Function Indicator	
Indicator	PWR (Power Light) , SW (Dial Code) , 1-10 Green Light (Link&Data)
PWR	On: Power on Off: Power off
SW	Flash: Extended Mode Off: Normal Mode
1-10 Green Light	On: Normal Off: Failed Flash: Data transfer
Dial Code	Extend
Extend OFF	Normal Mode, all ports can communicate with each other. The transmission distance is less than 100 m, and the transmission rate is 10M/100M/1000M

	adaptive
Extend ON	7-8 Ports Support 250 Meters power supply and data transmission, the transmission rate becomes 10M, other ports remain normal transmission
Physical Specification	
Structure Size	Product Dimensions: 268*181*44mm Package Dimensions:: 312*262*84mm Product N.W: 1.06kg Product G.W: 1.40kg
Packing Info	Carton Dimensions: 540*435*332mm Packing Quantity: 10 PCS Packing Weight: 15.1KG
Package List	Switch 1 pc, Power cord 1 pc, User manual 1 pc, Warranty card 1 pc, Brackets 1 pair
Order Info	
SC-H2010G	10 Port Gigabit PoE Switch

【Product Picture】



【Application】

