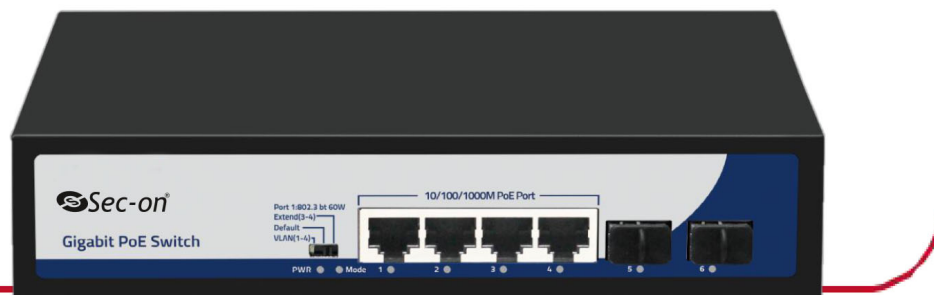# DATA SHEET

Sec-on®

SC-H204G
6-Port Gigabit PoE Switch

CE FC RoHS

6-port Gigabit PoE switch, using high-quality high-speed network IC and the most stable PoE chip, The PoE port meets the 802.3af or 802.3at standard. This series of PoE switches can provide seamless connection for 10/100/1000M Ethernet, and the PoE power supply port can automatically detect and supply power to powered devices that comply with IEEE802.3af or IEEE802.3at standards, and non-PoE devices intelligently detect no power supply, only data is transferred.

Main Features

- 4*10/100/1000M PoE ports +2*1000M SFP Port
- Comply with IEEE 802.3, IEEE 802.3u,IEEE802.3ab, IEEE802.3z standards
- Ethernet port 10/100/1000M rate auto adaptive
- Compatible with IEEE802.3af (15.4w),IEEE802.3at (30W);
- Port 1 support BT 4 0W;
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
- Support Port Auto-flip (Auto MDI/MDIX)
- Panel indicators to monitor working status and help fault analysis
- One-key smart switch, supports VLAN,Default , Extend

Application Environment

Metro Optical Broadband Network:

Data network operators such as telecommunications, cable TV, and network system integration,etc.

Broadband private network:

Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries

Multimedia transmission:

Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications
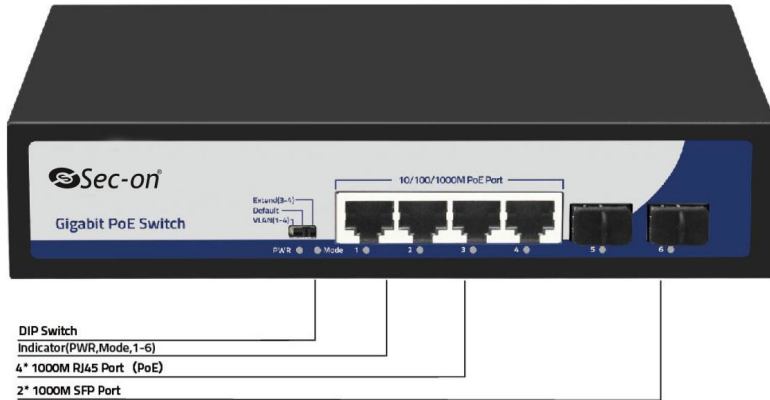
Real-time monitoring:

Simultaneous transmission of real-time control signals, images and data

DATA SHEET

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Specifications

I/O Interface

Power	Input: AC 100-240V, 50/60Hz
Ethernet	4 Port 10/100/1000M PoE +2 Port 1000M SFP

Performance

Switching Capacity	12 Gbps
Forwarding Rate	8.928Mpps
Packet Buffer	1Mb
MAC Address	2K
Jumbo Frame	9216bytes
Transfer Mode	Store and forward
MTBF	100000 hours

Standard

Network protocol	IEEE802.3,IEEE802.3u,IEEE802.3ab,IEEE802.3z,IEEE802.3x
PoE Protocol	IEEE802.3af （15.4W） IEEE802.3at （30W）
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)、 EN61000-4-5 (Surge)
Network Medium	10BASE-T: Cat 3、4、5 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter) 1000Base-TX : Cat5 or more UTP/STP(≤100 meter)
Optical Media	Multimode fiber : 50/125、62.5/125、100/140um Single mode fiber : 8/125、8.7/125、9/125、10/125um

Protection

Certificate	CE、FCC、RoHS

DATA SHEET

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Environment	
Environment	Working Temperature：-10~50°C Storage Temperature：-40~70°C Working Humidity ：10%~90%，non-condensing Storage Temperature：5%~90%，non-condensing

Physical Features	
Dimension	Product Dimension : 200*118*44.5mm Package Dimension : 245*190*60mm N.W：0.63kg G.W：0.93kg
Packing Info	Carton MEAS：520*320*400mm Packing Qty：20 units Packing Weight：19.6KG
Power Voltage	Input Voltage：AC 100-240 V Power supply：52V1.25A
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Certification 1 pc

Indicators	
DIP Switch	**VLAN :** Port isolation mode. In this mode, the PoE ports (1-4) of the switch cannot communicate with each other, and can only communicate with the UP-link port. **Default :** Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100/1000M adaptive; **Extend :** Link extension mode, 3-4 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M
LEDs	PWR（power supply），Mode（DIP），1-6（Link&Data）

Ordering Info	
HR901-AXG-42NS	6-Port Gigabit PoE Switch ;52V1.25A

DATA SHEET

Front Panel

PWR
Lighting : Powered
Un-Light : No Power

1-6 Link&ACT
Lighting : Connecting
Flashing : Data Transmit
Un-Light : Disconnect

Mode
Lighting : VLAN
Un-Light : Default
Flashing : Extend

DIP Switch
Indicator(PWR,Mode,1-6)
4* 1000M RJ45 Port（PoE）
2* 1000M SFP Port

Application

Network Camera

Wireless AP

IP Phones

AC INPUT

PoE Switch

Fiber Media Converter

Router

NVR

Power

Data

Data