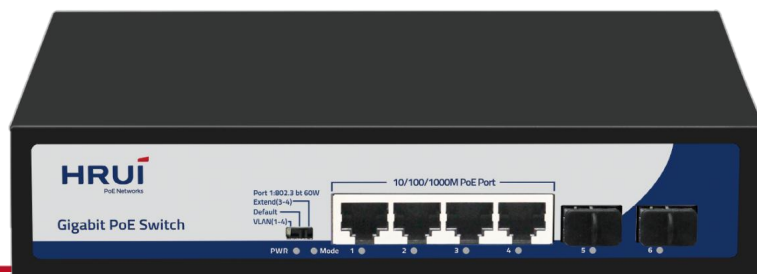


## 6-Port Gigabit PoE Switch



[www.hrutech.com](http://www.hrutech.com)



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 60W;
- 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:**

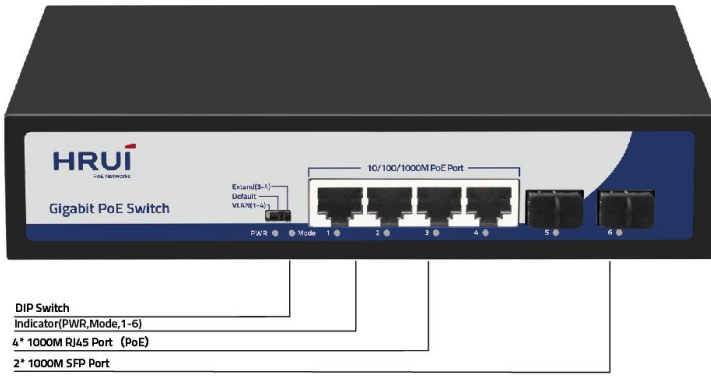
Simultaneous transmission of real-time control signals, images and data

Specifications	
<b>I/O Interface</b>	
Power	Input: AC 100-240V, 50/60Hz
Ethernet	4 Port 10/100/1000M PoE +2 Port 1000M SFP
<b>Performance</b>	
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
<b>Standard</b>	
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)、 EN61000-4-4 (EFT)、 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
<b>Protection</b>	
Certificate	CE、 FCC、 RoHS

Environment	
Environment	Working Temperature: -10~50°C Storage Temperature: -40~85°C Working Humidity : 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing Working Height: Maximum10,000 feet Storage height: Maximum 10,000 feet
Physical Features	
Dimension	Product Dimension (L*W*H): 200*118*44mm Package Dimension (L*W*H): 245*190*60mm N.W: 0.6kg G.W: 0.9kg
Packing Info	Carton MEAS: 505*320*400mm Packing Qty: 20 units Packing Weight: 19KG
Power Voltage	Input Voltage : AC 100-240 V Power supply: 52V2.3A
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Certification 1 pc
Indicators	
DIP Switch	<p><b>VLAN</b> : 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.</p> <p><b>Default</b> : Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100/1000M adaptive;</p> <p><b>Extend</b> : Link extension mode, 3-4 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M</p>
LEDs	PWR (power supply) , Mode (DIP) , 1-6 (Link&Data)

Ordering Info	
HR901-AXG-42NS	6-Port Gigabit PoE Switch ;52V2.3A

## Front Panel



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

**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

## Application

