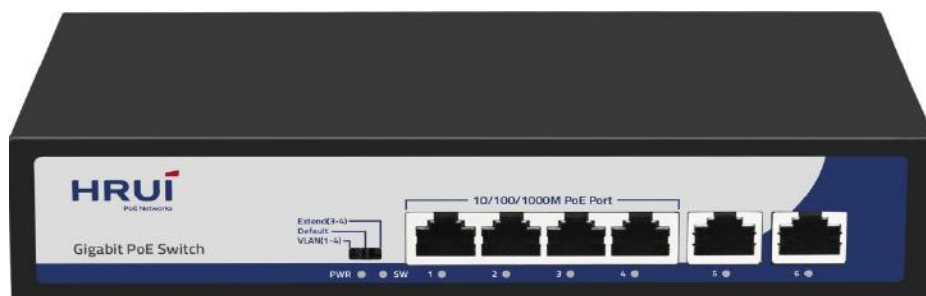


## 6-Port Gigabit Intelligent Standard PoE Switch



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

CE FC RoHS

The 6-port full gigabit intelligent standard PoE switch, using high-quality and high-speed network IC and the most stable PoE chip. The PoE port meets the 802.3af or 802.3at standards. This series of PoE switches can provide seamless connection for 10/100/1000M Ethernet, and the PoE power supply port can automatically detect and power powered devices that meet the IEEE802.3af or IEEE802.3at standards. Non PoE devices are not powered by intelligent detection and only transmit data.

PoE technology (Power over Ethernet) is the power over Ethernet technology. It means that while transmitting data signals for some IP based terminals (such as IP phones, wireless access APs, network cameras, etc.), it also provides DC power supply technology for this device. These devices receiving DC power supply are called power receiving devices.

### Main features

- 4\* Gigabit PoE ports+2 Gigabit Ethernet ports.
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, and IEEE 802.3x standards.
- Ethernet ports support 10/100/1000M self-adaptive.
- Flow control method: IEEE 802.3x standard is adopted for full duplex, and Back pressure standard is adopted for half duplex.
- Support automatic port rollover(Auto MDI/MDIX).
- Using a store-and-forward switching mechanism
- Monitor the working status of the panel indicator light and assist in fault analysis.
- Three speed one button intelligent dial switch, supporting VLAN, Default, Extend modes.

### Application environment

#### **Metropolitan fiber broadband network:**

Telecommunications, cable TV, network system integration, etc., according to network operators.

#### **Broadband private network:**

Suitable for special networks in industries such as finance, government, petroleum, railway, electric power, public security, transportation, education, etc.

#### **Multimedia transmission:**

Integrated transmission of images, voice, and data, suitable for applications such as distance education, conference television, and videophone.

#### **Real time monitoring:**

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

## Specifications

### I/O Interface

Power	AC INPUT (100-240V) 50/60Hz
Ethernet	4* Gigabit PoE ports 2* Gigabit Ethernet ports
Chip	RTL8367 (5E19)

### Performance

Bandwidth	12Gbps
Packet Forwarding Rate	8.928Mpps
Package Cache	1Mb
Mac Address	2K
Jumbo Frame	9216bytes
Forwarding mode	Store Forward
MTBF	100,000 hour

### 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)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)、 EN61000-4-5 (Surge)
Network Media	10Base-T : Cat3, 4, 5 or above UTP/STP(≤100m) 100Base-TX : Cat5 or above UTP/STP(≤100m)
<b>Attestation</b>	1000Base-TX : Cat5 or above UTP/STP(≤100m)
Safety certification	CE、FCC、RoHS

### Environment Standard

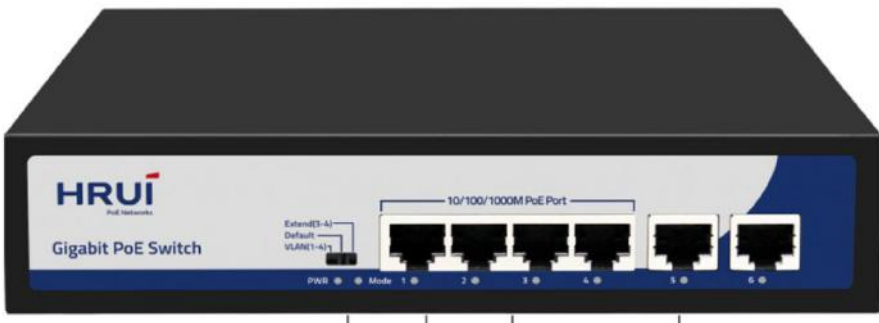
Working Environment	Working temperature: - 10~50 °C Storage temperature: - 40~70 °C Working humidity: 10%~90%, non condensing Storage humidity: 5%~95%, non condensing
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<b>Physical Specification</b>	
Structure size	Product size: 200* 118* 44mm Package size: 245* 190* 60mm Product net weight: 0.61Kg Product gross weight: 0.91Kg
Packing information	Outer box size: 520* 320* 400mm Packing quantity: 20 sets Packing weight: 19.2KG
Supply voltage	Input voltage: AC 100-240 V 50/60Hz Power supply: 52V1.25A
Packing list	Switch, 1 PCS Power cord, 1PCS Manual and certificate of conformity, 1 PCS
<b>Functional indication</b>	
PWR (Power light)	PWR(Power indication), Mode(DIP indication), 1-6 Green light(Link&Data)
PWR	On: Powered on Off: Powered off
Mode	On: VLAN(Port isolation) Off: Default(Normal mode) Flashing: Extend(Link extension)
1-6 Green light	On: Link connection is normal Off: Link not working Flashing: Data transmitting
VLAN	Port isolation: 1-4 ports realize isolation between the each port of the monitoring network and interworking with the uplink port to protect internet security.
Default	Normal mode, all ports communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100/1000M self-adaptive
Extend	In the link extension mode, the 3-4 port PoE power supply and data transmission distance can be extended to 250 meters, and the transmission rate turns to 10 M

## 订购信息

HR900-AFG-42N	6-Port Gigabit Intelligent Standard PoE Switch, 52V/1.25A
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## Panel Description



**HRUI**  
PoE Networks  
Gigabit PoE Switch

Extend(EI-A)  
Default  
VLAN(1-41)

10/100/1000M PoE Port

PWR Mode 1 2 3 4 5 6

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

**PWR**  
On: Powered on  
Off: Powered off

**1-6 Link&Data**  
On: Link connection is normal  
Off: Link not working  
Flashing: Data transmission

**Mode**  
On: VLAN  
Off: Default  
Flashing: Extend

## Product Application

