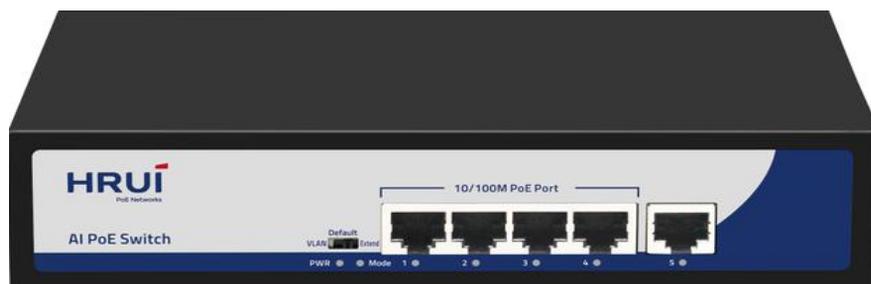


## 5-Ports 100M AI PoE Switch



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



5-Ports 100M AI PoE Switch , using high-quality high-speed network IC and the most stable POE chip, POE port support 802.3af and 802.3at standard both, this series of POE switches can be 10/100M Ethernet The network provides a seamless connection, and the POE power port can automatically detect and power the powered devices that comply with the IEEE802.3af or IEEE802.3at standards. The non-POE device intelligently detects no power and only transmits data.

### Main Features

- 4\*10/100M POE ports + 1\* 10/100M Ethernet Uplink ports
- Comply with IEEE 802.3/ IEEE 802.3u/IEEE 802.3x standards
- Ethernet port supports 10/100M adaptive
- Support port auto flip (Auto MDI/MDIX)
- Panel indicator monitoring status and help failure analysis
- Three-speed one-button intelligent dial switch with support for VLAN mode, OFF mode and Extend mode
- POE port automatically opens AI mode under VLAN and EXTEND mode;
- Lightning Protection Surge: General Mode 6KV, Differential Mode 4KV, ESD 8KV.

### 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:**

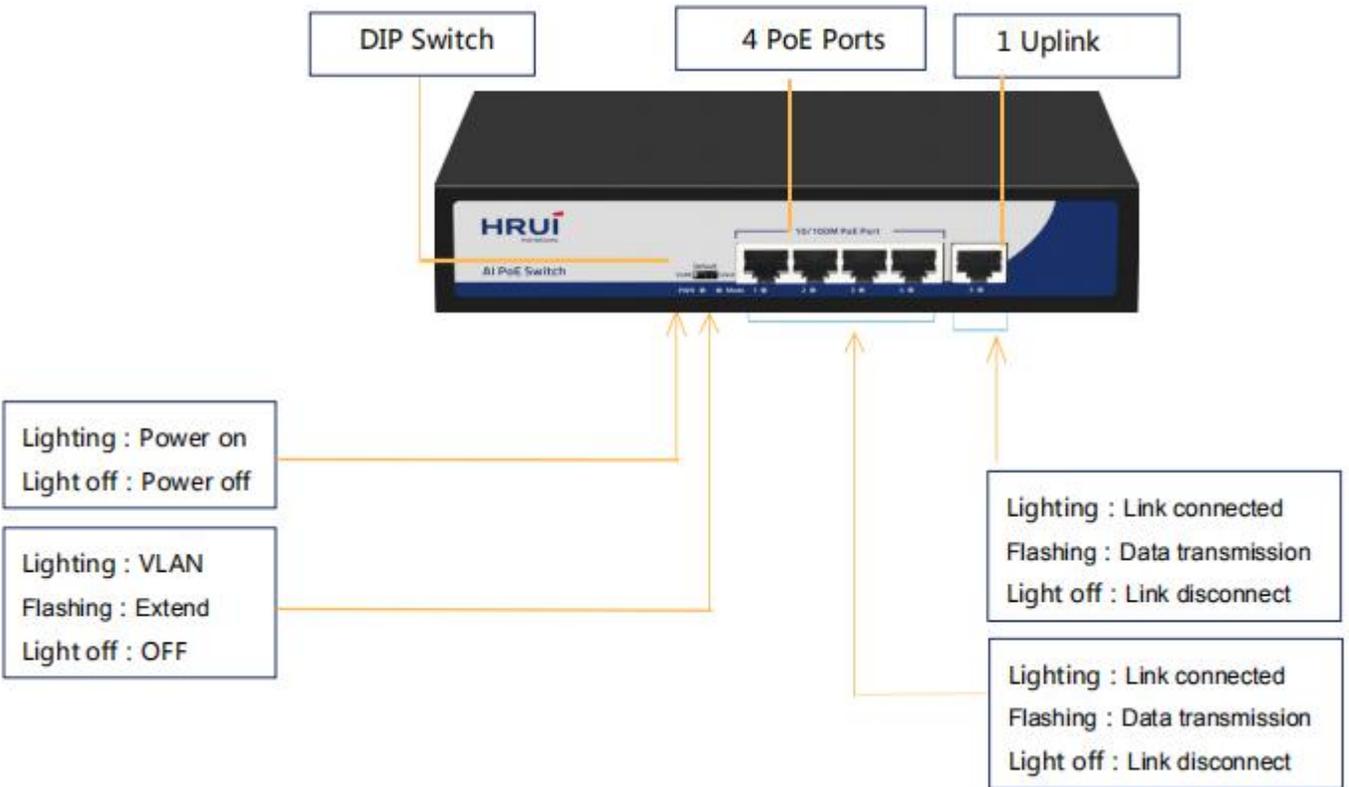
Simultaneous transmission of real-time control signals, images and data

Specifications	
<b>I/O Interface</b>	
Power	AC input (100-240 V)
Ethernet	4 Port 10/100M PoE 1 Port 10/100M Ethernet Uplink
<b>Performance</b>	
Switching Capacity	1Gbps
Throughput	0.744Mpps
Packet Buffer	448K
MAC Address	2K
Jumbo Frame	2Kbytes
Transfer Mode	Store and forward
MTBF	100000 hour
<b>Standard</b>	
Network Protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) 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)、 EN61000-4-4 (EFT)、 IEN61000-4-5 (Surge)
Network Medium	10Base-T : Cat3,4,5 or above UTP(≤100m) 100Base-TX : Cat5 or above UTP(≤100m)
<b>Protection</b>	
Security Certificate	CE、FCC、RoHS

<b>Environment</b>	
Working Environment	Working Temperature: -10~50°C Storage Temperature: -40~85°C Working Humidity : 10%~90%, non-condensing Storage Temperature: 5%~95%, non-condensing Working Height: Maximum 10,000 feet Storage height: Maximum 10,000 feet
<b>Mechanical</b>	
Structure Size	Product Size: 200*120*45mm Package Size: 245*190*60mm Product Net-Weight: 0.5kg Product Gross-Weight: 0.8kg
Packing Info	MEAS: 505*320*400mm Packing Qty: 20 unit Packing weight: 17 KG
Power Voltage	Input Voltage: AC 100-240 V Output Voltage: 52V1.25A
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pcs, Certification 1 pc
<b>Indication</b>	
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. The port AI mode is turned on Default: Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100M adaptive; The port AI mode is closed Extend: Link extension mode, 1-4 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M, and the port AI mode is turned on
LED Indicators	PWR、 SW、 1-5 Link

<b>Ordering Info</b>	
HR900-AF-41N	5-Ports 100M AI PoE Switch

## Dimension



## Application

