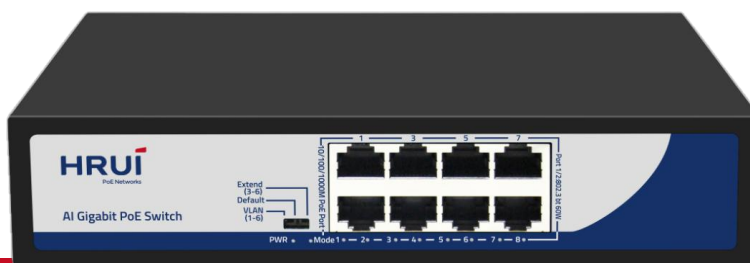


8 Port Gigabit AI PoE Switch



www.hruiotech.com



8 Port Gigabit AI PoE Switch, using high-quality high-speed network IC and the most stable PoE chip, the switch incorporates the latest AI functions, equipped with two types port priorities, PoE priority and Network priority, one-key smart. The PoE port meets the 802.3af or 802.3at standard. At the same time, port 1/2 supports HiPoE and the power can reach 60W; The power consumption indicators can help to understand the overall power consumption of the product easily. This series of PoE switches can provide seamless connection for 10/100M 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

- 8*10/100/1000M PoE ports
- Comply with IEEE 802.3/ IEEE 802.3u/IEEE 802.3ab/IEEE 802.3x standards
- Ethernet port supports 10/100/1000M adaptive
- Support port auto flip (Auto MDI/MDIX)
- Support sequence port PoE priority, the higher the port priority
- Three-speed one-button intelligent dial switch with support for VLAN mode, Default mode and Extend mode
- Support Watchdog Function
- Port 1/2 supports HiPoE and the power can reach 60W
- Lightning Protection Surge: General Mode 4KV, Differential Mode 2KV, 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:

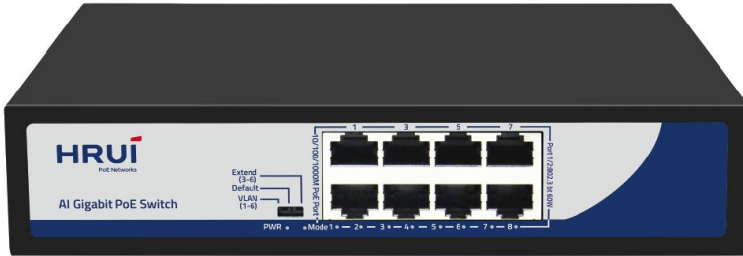
Simultaneous transmission of real-time control signals, images and data

Specifications	
I/O Interface	
Power	AC input (100-240 V)
Ethernet	8 Port 10/100/1000M PoE
Performance	
Switching Capacity	16Gbps
Throughput	11.9Mpps
Packet Buffer	1Mb
MAC Address	8K
Jumbo Frame	9216bytes
Transfer Mode	Store and forward
MTBF	100000 hour
Standard	
Network Protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab (1000Base-TX) IEEE802.3x (Flow control)
PoE Protocol	IEEE802.3af (15.4W) IEEE802.3at (30W) IEEE802.3bt (60W)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)、EN61000-4-4 (EFT)、IEN61000-4-5 (Surge) Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Network Medium	10Base-T : Cat3,4,5 or above UTP(≤100m) 100Base-TX : Cat5 or above UTP(≤100m) 1000Base-TX : Cat5 or above UTP(≤100m)
Protection	
Security Certificate	CE、FCC、RoHS

Environment	
Working Environment	Working Temperature : -20~50°C Storage Temperature : -40~85°C Working Humidity : 10%~90% , non-condensing Storage Temperature : 5%~95% , non-condensing Working Height : Maximum10,000 feet Storage heigh : Maximum 10,000 feet
Mechanical	
Structure Size	Product Size : 200*118*44mm Package Size : 245*190*60mm Product Net-Weight : 0.6kg Product Gross-Weight : 0.9kg
Packing Info	MEAS : 505*320*400mm Packing Qty : 20 unit Packing weight : 19 KG
Power Voltage	Input Voltage: AC 100-240 V Output Voltage : 52V2.3A
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pcs, Certification 1 pc
Indication	
DIP Switch	<p>VLAN : Port Isolation, 1-6 port is isolated each other, but all can communicate with uplink port 7/8, AI enable</p> <p>Default : Normal mode, all port can communicate with each other, The port AI mode is closed.</p> <p>Extend : Extend Mode, 3-6 port support 250 meters transmission on 10Mbps/s ,AI enable</p>
LED Indicators	PWR、 Mode、 1-8 Link&ACT

Ordering Info	
HR900-AXG-80N	8-port 10/100/1000M AI PoE Switch

Dimension



DIP Switch
Indicator(PWR, Mode, 1-8)
8* 1000M RJ45 Port (PoE)

PWR
Lighting : Power on
Light off : Power off

Mode
Lighting : VLAN
Flashing : Extend
Light off : Default

1-8 Link&ACT
Lighting : Link connected
Flashing : Data transmission
Light off : Link disconnect

Application

