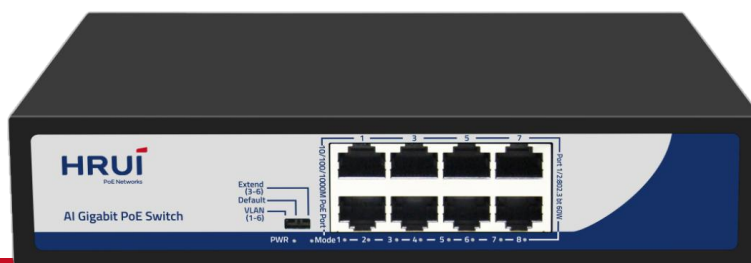# DATA SHEET

HRUI PoE Networks

8 Port Gigabit AI PoE Switch

CE FC RoHS

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
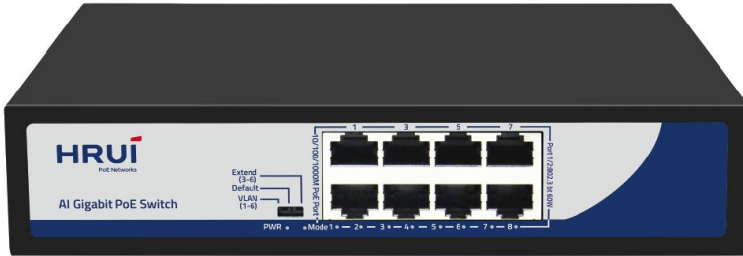
Real-time monitoring:

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

DATA SHEET

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 Certificae	CE、FCC、RoHS

DATA SHEET

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	**VLAN**： Port Isolation, 1-6 port is isolated each other, but all can communicate with uplink port 7/8, AI enable **Default**：Normal mode, all port can communicate with each other, The port AI mode is closed. **Extend**：Extend Mode, 3-6 port support 250 meters transmission on 10Mbps/s ,AI enable
LED Indicators	PWR、Mode、1-8 Link&ACT

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

DATA SHEET

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

Network Camera

Wireless AP

IP Phones

AC INPUT

PoE Switch

← Power
← Data →

← Data →

Router

NVR