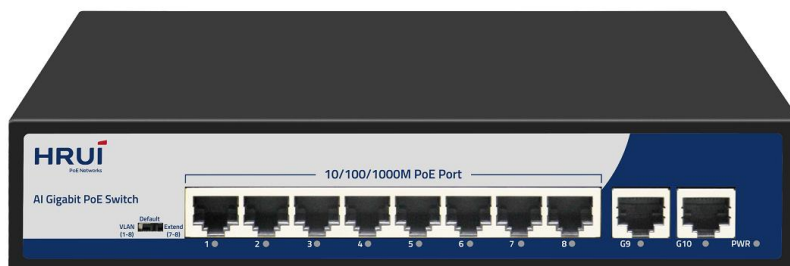


## 10 Port Full Gigabit Intelligent Standard PoE Switch



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



CE FC RoHS

10 Port Full Gigabit Intelligent Standard PoE Switch, using high-quality high-speed network IC and the most stable POE chip, POE port meets 802.3af / 802.3at standard, this series of PoE Switch can be 10/100/1000M 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 / IEEE802.3at standards. The non-POE device intelligently detects no power and only transmits data.

### Main Features

- 8\*10/100/1000M PoE Ports +2\*1000M Ethernet Ports;
- Support IEEE 802.3, IEEE 802.3u, IEEE 802.3u, IEEE802.3x standard;
- Ethernet Ports support 10/100/1000M self-adaptive;
- The AI mode is automatically enabled 10M speed for Ports 7-8 in Extend mode;
- POE priority is supported, from port 1 to port 8, which is enabled by default
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard;
- Zero configuration feature, automatically supplied to adaptive equipment;
- Panel indicator monitoring status and help failure analysis;
- With DIP switch, support VLAN, Default and Extend modes;
- Support Surge protection: Common mode 4KV; ESD: Air 8KV, Contact 6KV (level B) .

### 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

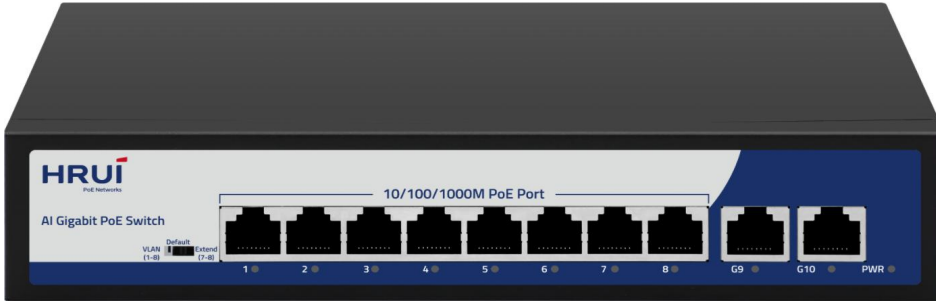
#### **Real-time monitoring:**

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

| Specification        |  |
|----------------------|--|
| <b>I/O Interface</b> |  |
| Power                | AC INPUT (100-240 V)   |
| Ethernet             | 8* Gigabit PoE Ethernet Ports<br>2* Gigabit Uplink Ethernet Port   |
| Chipset              | 2*RTL8367S<br>RTL8238B   |
| <b>Performance</b>   |  |
| Bandwidth            | 20Gbps   |
| Pack forward rate    | 14.88Mpps  |
| Memory cache         | 448Kbit  |
| MAC address          | 2K   |
| Transfer mode        | Storage & Forward  |
| <b>Standard</b>      |  |
| Network Protocol     | IEEE802.3 (10Base-T)<br>IEEE802.3u (100Base-TX)<br>IEEE802.3ab (1000Base-TX)<br>IEEE802.3x (Flow control)                    |
| PoE Protocol         | IEEE802.3af (15.4W)<br>IEEE802.3at (30W)<br>POE port output voltage: DC 44-57V<br>POE power supply core: 1/2+; 3/6-          |
| Industry Standard    | EMS: EN61000-4-2 (ESD),<br>IEN61000-4-5 (Surge)  |
| Network Medium       | 10Base-T : Cat3, 4, 5 or above UTP(≤100m)<br>100Base-TX : Cat5 or above UTP(≤100m)<br>1000Base-TX : Cat5 or above UTP(≤100m) |
| <b>Certification</b> |  |
| Safety Certificate   | CCC/CE/FCC/UL/ROHS   |

|                               |  |
|-------------------------------|--|
| <b>Environment Standard</b>   |  |
| Working Environment           | Working Temperature: -10~50 °C<br>Storage Temperature: -40~70 °C<br>Working Humidity: 10%~90%, non-condensing<br>Storage Temperature: 5%~95%, non-condensing   |
| <b>Physical Specification</b> |  |
| Structure Size                | Product Dimension: 220*161*44mmm<br>Package Dimension: 315*215*85mm<br>N.W: 0.88kg<br>G.W: 1.38kg  |
| Packaging Info                | Carton MEAS: 445*445*335mm<br>Packing Qty: 10 units<br>Packing Weight: 14.8KG  |
| Power Voltage                 | Input Voltage: AC 100-240 V 50-60Hz<br>Supply Power: 52V2.3A   |
| Power                         | Product power: maximum 10W<br>POE power: maximum 110W  |
| Package List                  | Switch 1 PC, Power cord 1 PC, User manual 1 PC, Certification 1 PC   |
| <b>Function Indicator</b>     |  |
| Indicator                     | PWR (Power), 1-10 Green Light (Link&Data)  |
| PWR                           | On: Powered on<br>Off: Powered off   |
| 1-10 Green Light (Link&Data)  | On: Link normal<br>Off: Link blocked<br>Flashing: Data transmitting  |
| DIP Switch                    | <p><b>VLAN:</b> Isolation mode. Ports 1 to 8 are isolated and communicate with the upstream interface.(enable POE watchdog)</p> <p><b>Default:</b>common mode, all interfaces can communicate with each other, the transmission distance is less than 100 meters, the transmission rate is 10/100/1000M adaptive; The port AI mode is disabled.</p> <p><b>Extend:</b>Link extension mode, 7-8 ports force 10M, link 250M (enable POE watchdog)</p> |
| <b>Order Info</b>             |  |
| HR900-AFG-82N                 | 10 Port Full Gigabit Intelligent Standard PoE Switch   |

## Product renderings



## Product Structure

