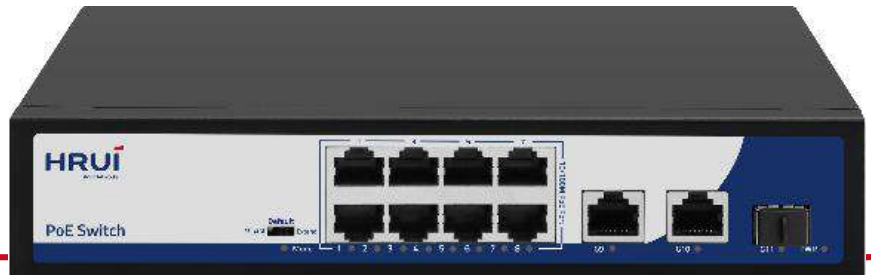


# 11 Port 10/100/1000M Intelligent PoE Switch



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CE FC RoHS

11 Port Gigabit Ethernet PoE switch with high quality and high-speed network IC and the most stable PoE chips, provide seamless connections to 10/100/1000M Ethernet, and the PoE supply port can automatically detect and supply receiving devices meeting IEEE802.3af/at standard, non-PoE devices intelligently detect no power and only transmit data.

PoE technology (Power over Ethernet), Ethernet power supply technology, while also providing DC power supply technology for some IP-based terminals, such as IP phones, wireless access AP, network cameras, etc. DC receiving devices called powered devices.

With simple and convenient installation and maintenance means and rich business characteristics, we can help users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks of industrial parks, buildings, factories and mines, government organs, community broadband; and can be widely used in small and medium-sized enterprises, Internet cafes, hotels, schools and other Ethernet access scenarios.

## Main Feature

- 8\* 10/100M PoE Ports+2\* Gigabit Ethernet Ports+1\* Gigabit SFP Port
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standard
- Flow control mode: IEEE 802.3X standard for full duplex, and Back Pressure standard for half duplex
- Support for port automatic flip (Auto MDI/MDIX)
- Adopt store-and-forward switching mechanism
- All ports support wire speed exchanging
- Zero configuration feature, automatically supplied to adaptive device
- Panel indicators monitor operating status and help with fault analysis
- Support 3 modes one-key smart dial code, support VLAN, Default, Extend modes

## Application Environment

### Urban optical fiber broadband network:

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

### Broadband special network:

Suitable for finance, government, oil, electricity, public security, education and other industries.

### Multimedia transmission:

Image, voice, data comprehensive transmission, suitable for remote teaching, conference television, video telephone and other applications.

### Real-time monitoring:

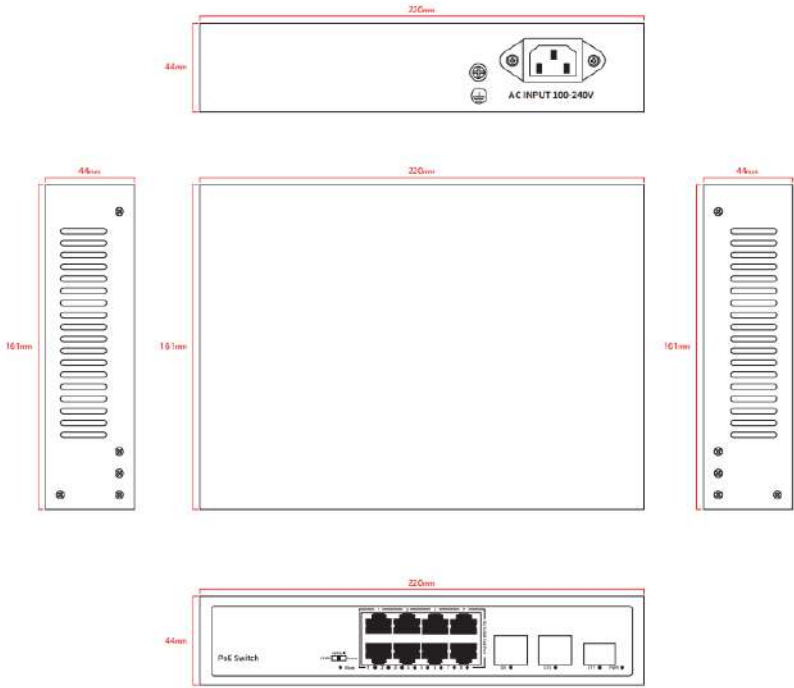
Real-time control of signal, image and data for simultaneous transmission.

| Specification          |                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| I/O Interface          |                                                                                                                       |
| Power                  | AC Input (100-240V)                                                                                                   |
| Ethernet               | 8* 10/100M PoE Ethernet Ports<br>2* Gigabit Ethernet Ports<br>1* Gigabit SFP Port                                     |
| Performance            |                                                                                                                       |
| Bandwidth              | 7.6Gbps                                                                                                               |
| Packet Forwarding Rate | 5.6Mpps                                                                                                               |
| Package Cache          | 1Mbit                                                                                                                 |
| MAC Address            | 2K                                                                                                                    |
| Jumbo Frame            | 4096bytes                                                                                                             |
| Forwarding Mode        | Store and forward                                                                                                     |
| MTBF                   | 100000 Hours                                                                                                          |
| Standard               |                                                                                                                       |
| Network Protocol       | IEEE802.3<br>IEEE802.3u<br>IEEE802.3x<br>IEEE802.3ab<br>IEEE802.3z                                                    |
| PoE Standard           | IEEE802.3af (15.4W)<br>IEEE802.3at (30W)<br>POE Port Output Voltage: DC 52V<br>POE Power Supply Wire Core:1/2+ ; 3/6- |
| Industry Standard      | EMI: FCC Part 15 CISPR (EN55032) class A<br>EMS: EN61000-4-2 (ESD),<br>EN61000-4-5 (Surge)                            |
| Network medium         | 10Base-T: Cat 6 above UTP/STP(≤250m)<br>100Base-TX: Cat 5 above UTP/STP(≤100m)<br>1000Base-TX: Cat 5 above UTP(≤100m) |
| Optical Medium         | Multimode optical fiber: 50/125, 62.5/125, 100/140um<br>Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um    |

|                        |                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certification          |                                                                                                                                                          |
| Safety Certificate     | CE, FCC, RoHS                                                                                                                                            |
| Environment Standard   |                                                                                                                                                          |
| Working Environment    | Working Temperature: -10~50℃<br>Storage Temperature: -40~70℃<br>Working Humidity: 10%~90%, non-condensing<br>Storage Temperature: 5%~95%, non-condensing |
| Physical Specification |                                                                                                                                                          |
| Structure Size         | Product Dimensions: 220*161*44mm<br>Package Dimensions: 315*215*85mm<br>Product N.W: 0.88kg<br>Product G.W: 1.19kg                                       |
| Packing Info           | Carton Dimensions: 445*445*335mm<br>Packing Quantity: 10 PCS<br>Packing Weight: 12.9KG                                                                   |
| Power Voltage          | Input Voltage: AC100-240V<br>Power Supply: 52V2.3A                                                                                                       |
| power                  | Product power: ≤ 10W<br>POE power: ≤ 110W                                                                                                                |
| Package List           | Switch 1 pc, Power cord 1 pc, User manual 1 pc, Warranty card 1 pc, Brackets 1 pair                                                                      |
| Function Indicator     |                                                                                                                                                          |
| Indicator              | PWR(Power Light), SW(Dial Code), 1-10 (Link & Data)                                                                                                      |
| PWR                    | On: Power on<br>Off: Power off                                                                                                                           |
| SW                     | OFF: OFF<br>On: VLAN<br>Flash: Extend                                                                                                                    |
| 1-10 (Link&Data)       | On: Normal<br>Off: Failed<br>Flash: Data transfer                                                                                                        |
| Indicator              | VLAN, Default, Extend                                                                                                                                    |
| VLAN                   | VLAN Mode: 1-8 ports are isolated from each other , can only communicate with uplink Ports                                                               |
| Default                | Normal Mode, all ports can communicate with each other. The transmission distance is less than 100 m, and the transmission rate is 10M/100M adaptive     |
| Extend                 | Extend Mode: the PoE power supply and data transmission distance of the switch can be extended to 250m and the transmission rate is 10M                  |

| Order Info      |                                             |
|-----------------|---------------------------------------------|
| HR901-AF-821GNS | 11 Port 10/100/1000M Intelligent PoE Switch |

Product Structure



Application

