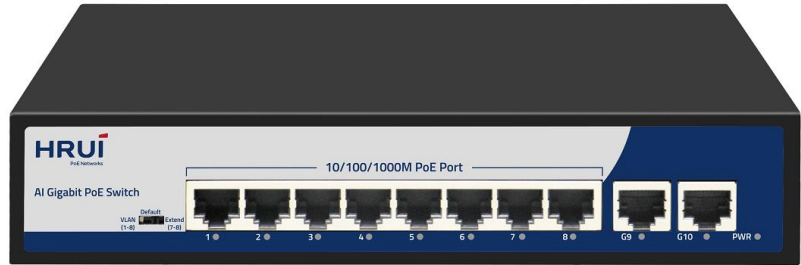


10 Port Full Gigabit Intelligent Standard PoE Switch



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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.

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:

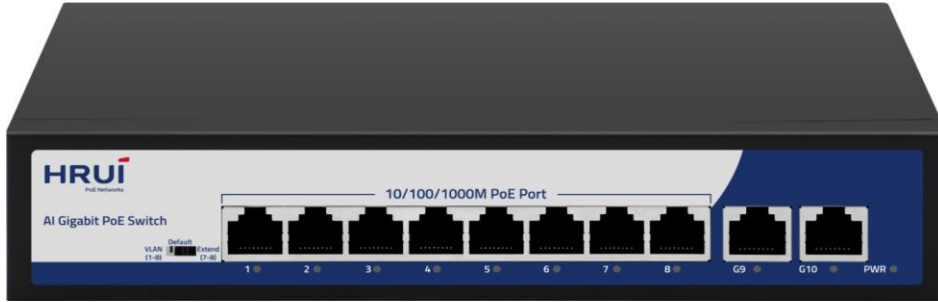
Simultaneous transmission of real-time control signals, images and data

| Specification | |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| I/O Interface | |
| Power | AC INPUT (100-240 V) |
| Ethernet | 8* Gigabit PoE Ethernet Ports 2* Gigabit Uplink Ethernet Port |
| Chipset | 2*RTL8367S RTL8238B |
| Performance | |
| Bandwidth | 20Gbps |
| Pack forward rate | 14.88Mpps |
| Memory cache | 448K |
| MAC address | 2K |
| Jumbo Frame | 9216bytes |
| Transfer mode | Storage & Forward |
| MTBF | 100000 Hours |
| 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) |
| Industry Standard | EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), IEN61000-4-5 (Surge) |
| Network Medium | 10Base-T : Cat3, 4, 5 or above UTP($\leq 100m$) 100Base-TX : Cat5 or above UTP($\leq 100m$) 1000Base-TX : Cat5 or above UTP($\leq 100m$) |
| Certification | |
| Safety Certificate | CCC/CE/FCC/UL/ROHS |

| | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment Standard | |
| Working Environment | Working Temperature: -10~50 °C Storage Temperature: -40~70 °C Working Humidity: 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing |
| Physical Specification | |
| Structure Size | Product Dimension: 220*161*44mm Package Dimension: 315*215*85mm N.W: 0.88kg G.W: 1.38kg |
| Packaging Info | Carton MEAS: 445*445*335mm Packing Qty: 10 units Packing Weight: 14.8KG |
| Power Voltage | Input Voltage: AC 100-240 V 50-60Hz Supply Power: 52V2.3A |
| Power Consumption | < 30W |
| Package List | Switch 1 PC, Power cord 1 PC, User manual 1 PC, Certification 1 PC |
| Function Indicator | |
| Indicator | PWR (Power), 1-10 Green Light (Link&Data) |
| PWR | On: Powered on Off: Powered off |
| 1-10 Green Light (Link&Data) | On: Link normal Off: Link blocked Flashing: Data transmitting |
| DIP Switch | VLAN: Isolation mode. Ports 1 to 8 are isolated and communicate with the upstream interface. (enable POE watchdog) Default: 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. Extend: Link extension mode, 7-8 ports force 10M, link 250M (enable POE watchdog) |

| Order Info | |
|---------------|------------------------------------------------------|
| HR900-AFG-82N | 10 Port Full Gigabit Intelligent Standard PoE Switch |

Product renderings



Product Structure

