DATA SHEET

HRUI

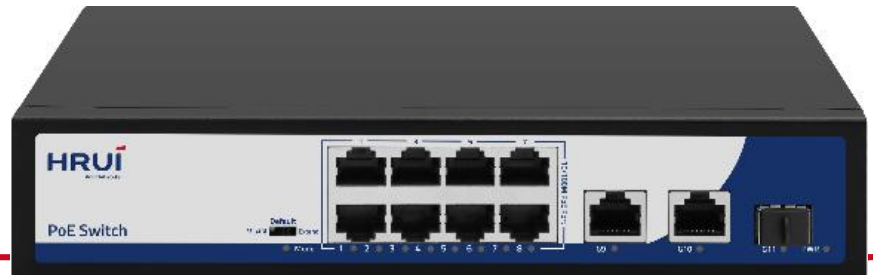# 11 Port 10/100/1000M Intelligent PoE Switch

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.

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Specification

I/O Interface

Power	AC Input (100-240V)
Ethernet	8* 10/100M PoE Ethernet Ports 2* Gigabit Ethernet Ports 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

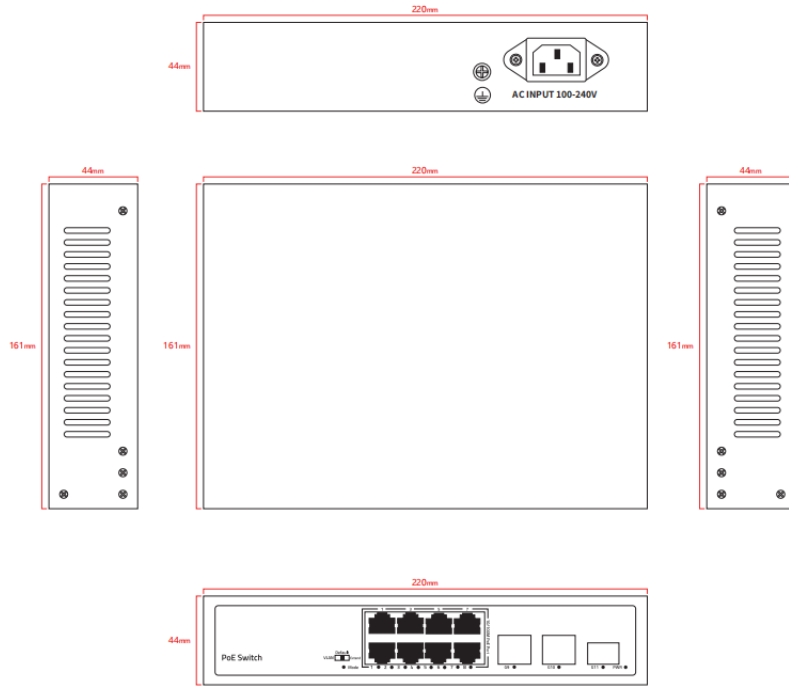|	
Network Protocol	IEEE802.3 IEEE802.3u IEEE802.3x IEEE802.3ab IEEE802.3z
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W) POE Port Output Voltage: DC 52V POE Power Supply Wire Core:1/2+ ; 3/6-
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), EN61000-4-5 (Surge)
Network medium	10Base-T: Cat 6 above UTP/STP(≤250m) 100Base-TX: Cat 5 above UTP/STP(≤100m) 1000Base-TX: Cat 5 above UTP(≤100m)
Optical Medium	Multimode optical fiber: 50/125, 62.5/125, 100/140um Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um

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Certification	
Safety Certificate	CE, FCC, RoHS

Environment Standard	
Working Environment	Working Temperature: -10~50°C Storage Temperature: -40~70°C Working Humidity: 10%~90%, non-condensing Storage Temperature: 5%~95%, non-condensing

Physical Specification	
Structure Size	Product Dimensions: 220*161*44mm Package Dimensions: 315*215*85mm Product N.W: 0.88kg Product G.W: 1.19kg
Packing Info	Carton Dimensions: 445*445*335mm Packing Quantity: 10 PCS Packing Weight: 12.9KG
Power Voltage	Input Voltage: AC100-240V Power Supply: 52V2.3A
power	Product power: ≤ 10W 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 Off: Power off
SW	OFF: OFF On: VLAN Flash: Extend
1-10 (Link&Data)	On: Normal Off: Failed 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 250 m and the transmission rate is 10M

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Order Info

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

Product Structure

Application