DATA SHEET

HRUI PoE Networks

28 Port Gigabit Intelligent Standard PoE Switch

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28 Port Gigabit Intelligent Standard 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.

Main Features

- ·24* 10/100/1000M PoE Ports+2*Gigabit Uplink+2* Gigabit SFP Ports;
- ·Comply with IEEE802.3, IEEE802.3u, IEEE802.3ab Standard;
- ·Ethernet Ports support 10/100/1000M self- adaptive;
- ·The AI mode is automatically enabled 10M speed for Ports 17~24 in Extend mode;
- ·POE priority is supported, from port 1 to port 16, which is enabled by default;
- ·Flow control mode: IEEE 802.3X standard for full duplex, and Back Pressure standard for half duplex;
- ·Zero configuration feature, automatically supplied to adaptive equipment;
- □Panel indicator monitoring status and help failure analysis;
- □With DIP switch, support Default and Extend modes;
- □Support port lightning surge: common mode 4KV, differential mode 2KV; Electrostatic ESD: air 8KV, contact 6KV.

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:

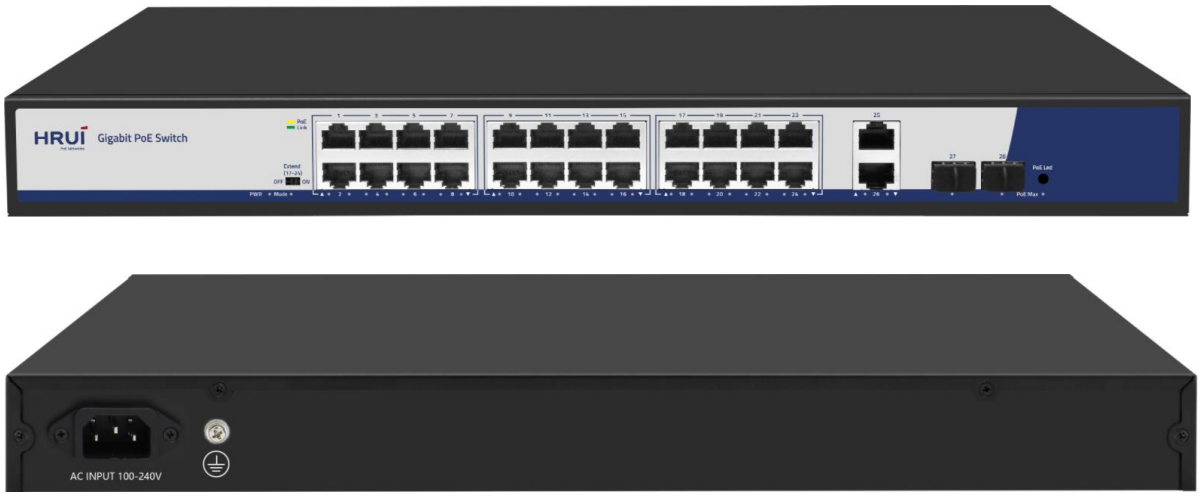
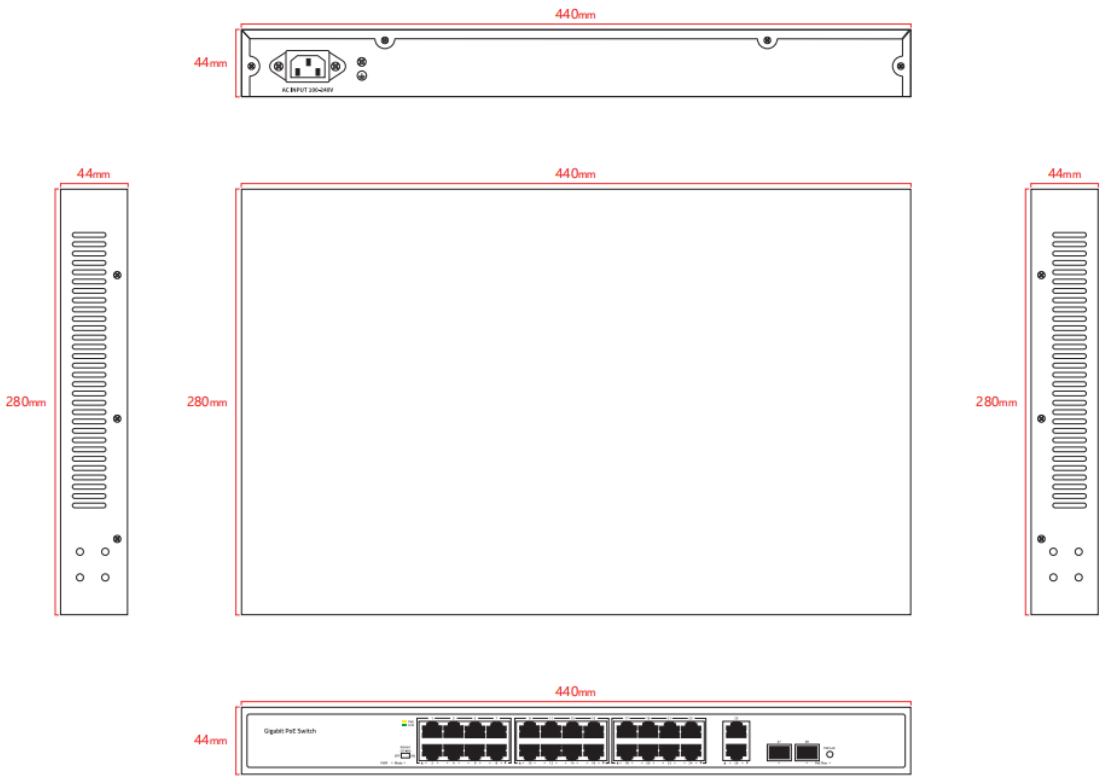
Real-time control of signal, image and data for simultaneous transmission.

Specification	
I/O Interface	
Power	AC INPUT （100-240 V）
Ethernet	24*Gigabit PoE Ports 2*Uplink ports 2*Gigabit SFP Ports
Chipset	EN8850DH，RTL8238B
Performance	
Bandwidth	56Gbps
Packet Forward Rate	41.644Mpps
Package Cache	3Mbit
MAC Address	8K
Forwarding Mode	Store and forward
Standard	
Network Protocol	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE802.3x (Flow Control) IEEE 802.3z (Gigabit Ethernet Fiber Standard)
PoE protocol	IEEE802.3af （15.4W） IEEE802.3at （30W） POE port output voltage: DC 44-57V POE power supply core: 1/2+; 3/6-
Industry Standard	EMS: EN61000-4-2 (ESD)、 IEN61000-4-5 （Surge）
Network medium	10Base-T: Cat 3, 4, 5 Class or above UTP/STP (≤ 100m) 100Base-TX: Cat 5 Class or above UTP/STP (≤ 100m) 1000Base-TX: Cat 5 Class or above UTP/STP (≤ 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
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 humidity: 5%~95%, non-condensing
Physical Specification	
Structure Size	Product Dimensions: 440*280*44mm Package Dimensions: 500*365*85mm Product N.W: 3.565KG Product G.W: 4.264KG
Packing Info	Carton Dimensions: 520*445*385mm Packing Quantity: 5pcs Packing Weight: 22.3KG
Power Voltage	Input Voltage: AC 100-240 V 50-60Hz Supply Power: 52V /7.69A
Power Consumption	Product power: maximum 15W POE power: maximum 380W
Package List	Switch 1 pc, Power cord 1 pc, User manual 1 pc, Certification 1 pc
Indicator	
LED Indicator	PWR（Power），1-28 Green Light(Link&Data)，1-16（Yellow Light），POE Led Key
PWR	On: Powered on Off: Powered off
1-28 Green Light(Link&Data)	On: Link normal Off: Link blocked Flashing: Data transmitting
PoE Max POE power light	Off: indicates PoE power usage is less than 90% Flashing: indicates PoE power usage of 90% ≤ P ≤ 95% On: indicates that PoE power is used at 95%<P<100%
1-24 （Yellow Light）	On：POE power supply is norma Off：POE not powered
Mode DIP Switch light	On：Extend on Off：Extend off
PoE Led Key	Dual color light selection: default green (link data), switch yellow light (PoE)
Extend DIP Switch	OFF：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 ON: Link extension mode, 17-24 ports force 10M, link 250M (enable POE watchdog),Port AI mode is enabled;

Order Info	
HR900-AFG-2422S-400	**28 Port Gigabit Intelligent Standard PoE Switch**

Product Rendering



Product Structure