DATA SHEET

HRUI

28 Port Gigabit Uplink Intelligent 10/100M PoE Switch

www.hruitech.com

CE FC RoHS

24* 10/100M PoE Ports+2* Gigabit Ethernet Ports+2* Gigabit SFP Ports(Combo) PoE Switch, with high quality and high-speed network IC and the most stable PoE chips, PoE Ports support 802.3af/at standard, this series of PoE Switch can 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

- 24* 10/100M PoE Ports+2* Gigabit Ethernet Ports+2* Gigabit SFP Ports(Combo)

- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at Standard

- Comply with IEEE802.3at(30W) & IEEE802.3af(15.4w)

- Support for port automatic flip (Auto MDI/MDIX), adopt store-and-forward switching mechanism

- Zero configuration feature, automatically supplied to adaptive equipment

- Panel indicators monitor operating status and help with fault analysis

- Support the 1-8-port QoS Priority

- Three-gear one-key intelligent code dialing switch, supporting VLAN, Default, Extend three modes

- Surge Protection: Common Mode 4KV, Differential Mode 2KV; 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.

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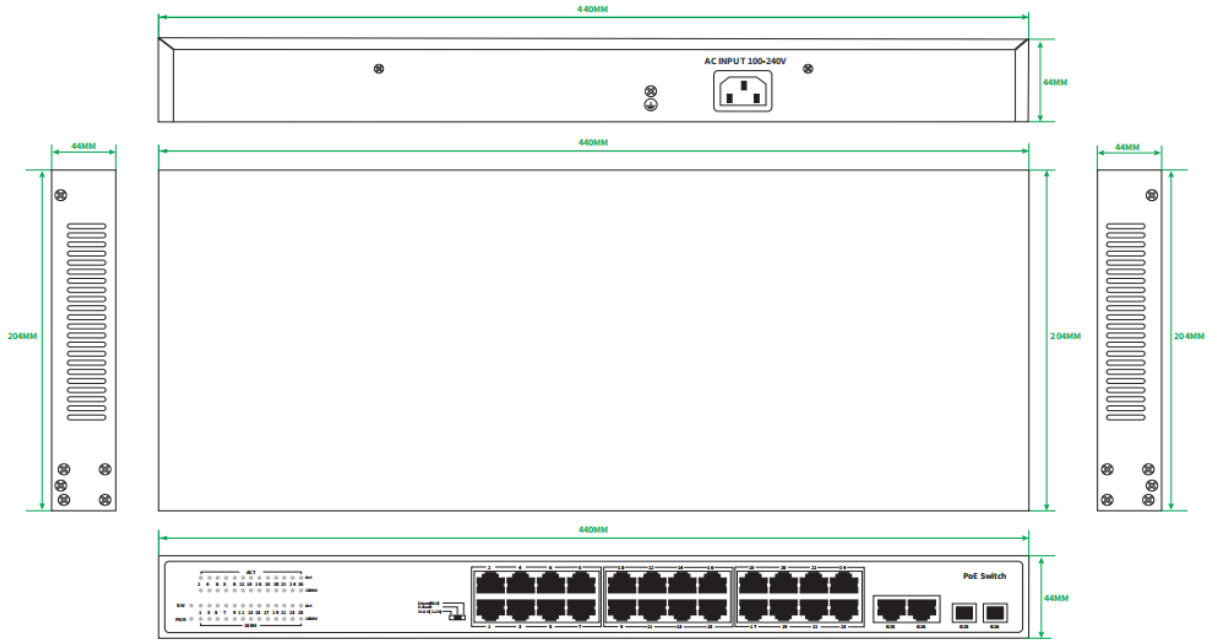| Specification	
I/O interface	
Power	AC100-240V/50-60Hz
Ethernet	24* 10/100 PoE ports 2* Gigabit SFP ports 2* Gigabit Ethernet ports
Performance	
Bandwidth	8.8Gbps
Packet Forwarding Rate	6.547Mpps
Package Cache	4Mbit
MAC Address	16K
Jumbo Frame	1552bytes
Forwarding Mode	Store and forward
MTBF	100000 Hours
Standard	
Network Protocol	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab(Giga Ethernet) IEEE 802.3z:1000BASE-X Gigabit Ethernet (Optical Fiber) IEEE 802.3x: Flow Control
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), EN61000-4-5 (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

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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: 440*204*44mm Package Dimensions: 500*290*85mm Product N.W: 2.09kg Product G.W: 2.69KG
Packing Info	Carton Dimensions: 520*445*300mm Packing Quantity: 5 PCS Packing Weight: 14.45KG
Power Voltage	Input Voltage: AC 100-240 V Power Supply：52V5.76A
Power	Product power: maximum 20W POE power: maximum 380W
Package List	Switch 1 pc, Power cord 1 pc, User manual 1 pc, Warranty card 1 pc, Brackets 1pair

Indicator	
Indicator	PWR(Power Light), 1-26 100M/1000M(Link), 1-26 ACT(Data)
PWR	On: Power on Off: Power off
1-26 (Link Speed)	1-24 Light: 10/100M 25-28 Light: 1000M
1-26 ACT (Link&Data)	On：Normal Off：Failed Flash：Data transfer
Indicator	VLAN, Default, Extend
VLAN	VLAN: 1-24 ports are isolated from each other and communicate with two optical ports
Default	Default: All Ports communicate with each other within a distance of 100 meters
Extend	Extend: 9-24 Ports POE power supply and data transmission distance can be extended to 250 m, and the transmission rate is 10M.

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Order Info

HR901-AF-2422GS-400	28 Port Gigabit Uplink Intelligent 10/100M PoE Switch

Product Structure

Application