DATASHEET

HRUI

19-Port Gigabit Uplink 10/100M 16-Port PoE Switch

www.hruitech.com

CE FC RoHS

Gigabit Uplink 16-port PoE switch, using high-quality high-speed network IC and the most stable PoE chip, The PoE port meets the 802.3af or 802.3at standard. This series of PoE switches can provide seamless connection for 10/100M Ethernet, and the PoE power supply port can automatically detect and supply power to powered devices that comply with IEEE802.3af or IEEE802.3at standards, and non-PoE devices intelligently detect no power supply, only data is transferred.

Main Features

- 16*10/100M POE ports + 2* 1000M Ethernet Uplink ports +1*1000M SFP Port
- Comply with IEEE 802.3, IEEE 802.3u,IEEE802.3ab, IEEE802.3z standards
- Ethernet port 10/100M rate auto adaptive
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
- Support Port Auto-flip (Auto MDI/MDIX)
- Panel indicators to monitor working status and help fault analysis
- One-key smart switch, supports VLAN,OFF, Extend
- Compatible with 1 U rack installation

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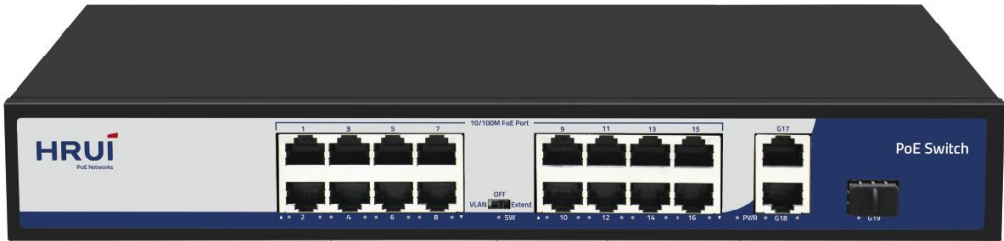Simultaneous transmission of real-time control signals, images and data

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Specifications

I/O Interface

Power	Input: AC 100-240V, 50/60Hz
Ethernet	16 Port 10/100M PoE + 2 Port 1000M Ethernet Uplink+1 Port 1000M SFP

Performance

Switching Capacity	9.2 Gbps
Forwarding Rate	6.844Mpps
Packet Buffer	1.5Mbit
MAC Address	2K
Transfer Mode	Store and forward

Standard

Network protocol	IEEE802.3 IEEE802.3u IEEE802.3x IEEE802.3ab IEEE802.3ab
PoE Protocol	IEEE802.3af （15.4W） IEEE802.3at （30W） POE port output voltage: DC 44-57V POE power supply core: 1/2+; 3/6-
Network Medium	10BASE-T: Cat 3、4、5 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter) 1000Base-TX : Cat5 or more UTP/STP(≤100 meter)
Optical Media	Multimode fiber ：50/125、62.5/125、100/140um Single mode fiber : 8/125、8.7/125、9/125、10/125um

Protection

Certificate	CE、FCC、RoHS

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

Physical Features	
Dimension	Product Dimension : 320*207*45mm Package Dimension : 370*290*85mm N.W：1.56kg(200w)/1.71kg(300w) G.W：2.15kg(200w)/2.30kg(300w)
Packing Info	Carton MEAS：445*310*390mm Packing Qty：5 units Packing Weight：11.75KG(200w)/12.3KG(300w)
Power Voltage	Input Voltage：AC 100-240 V Power supply：52V 3.8A / 52V 5.76A
Power	Product power: maximum 20W / 20W POE power: maximum 180W / 280W
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Certification 1 pc, Brackets 1 pair

Indicators	
DIP Switch	**VLAN :** Port isolation mode. In this mode, the PoE ports (1-16) of the switch cannot communicate with each other, and can only communicate with the UP-link port. **OFF:** Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100M adaptive; **Extend :** Link extension mode, 1-16 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M
LEDs	PWR（power supply），SW（DIP），1-19（Link&Data）

Ordering Info	
HR901-AF-1621GS	19-Port Gigabit Uplink 10/100M 16-Port PoE Switch

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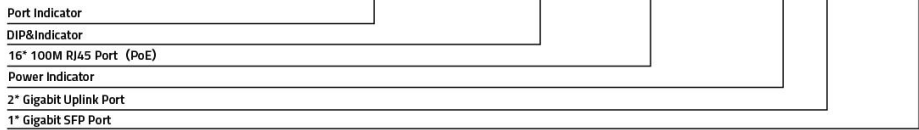## Front Panel

PWR
Lighting：Powered
Un-Light：No Power

1-19 Link&ACT
Lighting：Connecting
Flashing：Data Transmit
Un-Light：Disconnect

Mode
Lighting：VLAN
Un-Light：OFF
Flashing：Extend

Port Indicator
DIP&Indicator
16* 100M RJ45 Port（PoE）
Power Indicator
2* Gigabit Uplink Port
1* Gigabit SFP Port

Application

Network Camera

Wireless AP

IP Phones

AC INPUT

PoE Switch

Router

NVR

← Power
← Data →

← Data →