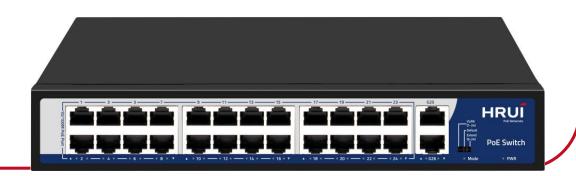# DATA SHEET

HRUI

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26 Port 10/100M Ethernet PoE Switch

www.hruitech.com

CE FC RoHS

26 Port 10/100M 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.

Main Feature

- 24*10/100M PoE Ports + 2*Gigabit Uplink Ethernet Ports
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z standard
- Ethernet port support 10/100M adaptive
- Flow control mode: full duplex using IEEE 802.3x standard, half duplex using Back pressure standard
- Support port auto-flip (Auto MDI/MDIX)
- Uses a store-and-forward switching mechanism
- Panel indicators monitor operating status and help with fault analysis
- Three-position one-touch intelligent dip switch, supporting VLAN, Default, Extend, three modes
- Compatible with 1U rackmount

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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Technical parameters

Input/output interface

Power	AC INPUT （100-240V） 50/60Hz
Ethernet	24*10/100M PoE Port 2*Gigabit uplink RJ45 Port

Performance

bandwidth	8.8 Gbps
Packet forwarding rate	6.54Mpps
Package cache	1.5Mb
MAC addess	2K
Jumbo frames	9216bytes
Forwarding mode	Store and forward
MTBF	100000 hours

Standard

Network protocol	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab(Gigabit Ethernet) IEEE802.3x (Flow Control)
PoE Protocol	IEEE802.3af （15.4W） IEEE802.3at （30W）
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)

Certificate

Safety Certification	CE、FCC、RoHS

Environment Standard

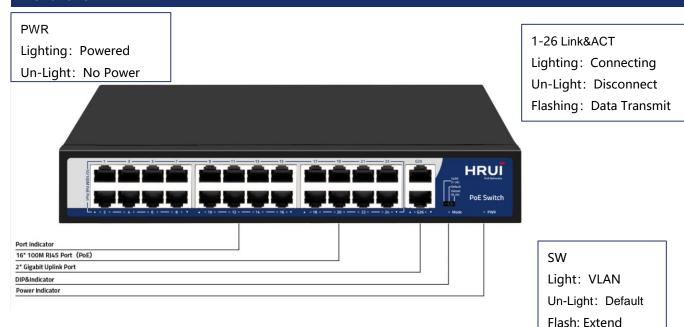|	
Working Environment	Working Temperature： -10~50°C Storage Temperature： -40~70°C Working Humidity： 10%~90%，non-condensing Storage Temperature: 5%~95%，non-condensing

DATA SHEET

Physical Features	
Dimension	Product Dimension：268*181*44mm Package Dimension：312*262*84mm N. W：1.44KG G.W：1.92KG
Packing Info	Carton MEAS：540*435*332mm Packing Qty：10 PCS Packing Weight：20.2KG
Power Voltage	Input Voltage：AC 100-240 V Power supply：52V 5.76A
power	Product power: maximum 15W POE power: maximum 280W
Packing list	Switch 1 pc, Power cord 1 pcs, User manual 1 pc, Certification 1 pc, Brackets 1 pair
Indicators	
LEDs	PWR（power supply），Mode（DIP），1-26 Green Light（Link&Data）
PWR	Lighting：Powered
	Un-Light：No Power
Mode	Lighting：VLAN（Port Isolation）
	Un-Light：Default（General mode）
	Flash：Extend（Extend）
1-26 Green Light	Lighting：Connecting
	Un-Light：Disconnect
	Flashing：Data Transmit
VLAN	Port isolation mode. In this mode, the PoE ports (1-24) of the switch cannot communicate with each other, and can only communicate with the UP-link port.
Default	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	Extend : Link extension mode, 9-24 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M
Ordering infomation	
HR902-AF-242G-300	26 Port 10/100M PoE Switch （300W）

DATA SHEET

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Front Panel

PWR
Lighting：Powered
Un-Light：No Power

1-26 Link&ACT
Lighting：Connecting
Un-Light：Disconnect
Flashing：Data Transmit

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

SW
Light：VLAN
Un-Light：Default
Flash: Extend

Product Applications

Network Camera

Wireless AP

IP Phones

PoE Switch

AC INPUT

Router

NVR

← Power
← Data →

← Data →