DATASHEET

HRUI

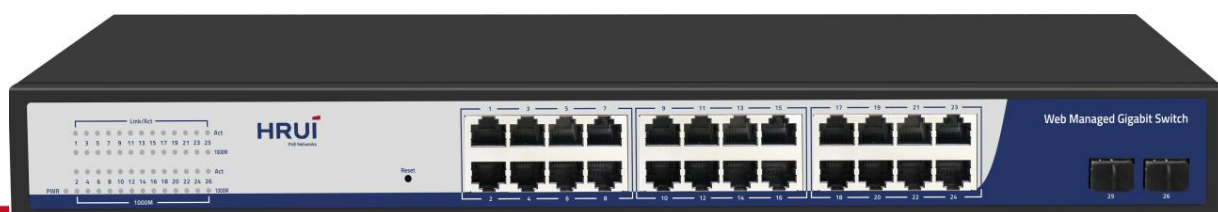# 26 port fully gigabit light network managed switch

26 port fully gigabit light network managed switch adopts high-quality and high-speed network ICs, and this product completely solves the problem of noise of small switches in the office environment through the fanless mute design. This switch has 24 Gigabit RJ45 ports and 2 1000M SFP ports , can provide seamless connection for 10/100/1000M Ethernet, supports three working modes, one-key smart simple switching working mode, easy to manage and maintain, the product can be widely used in Security network video surveillance, hotel, campus, small and medium-sized enterprise network engineering and other occasions.

Main Features

- 24*10/100/1000M RJ45 ports+2*1000M SFP Ports
- Comply with IEEE 802.3, IEEE 802.3u,IEEE802.3ab, IEEE802.3z standards
- Ethernet port 10/100/1000M 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
- Support QoS data priority
- Surge Protection: General 6KV（level B）, ESD 8KV air, 6KV contact （level C)

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:

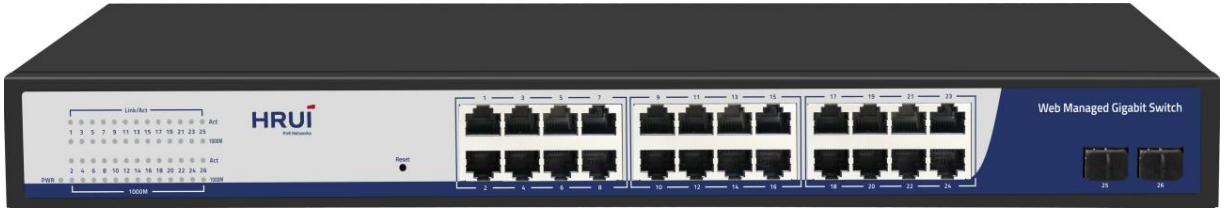Simultaneous transmission of real-time control signals, images and data

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Specifications	
I/O Interface	
Power	Input: AC 100-240V, 50/60Hz
Ethernet	24*RJ45 10/100/1000Mbps RJ45 Ports 2*1000M SFP Ports
Performance	
Switching Capacity	52 Gbps
Forwarding Rate	38.68Mpps
Packet Buffer	4Mbit
MAC Address	8K
VLAN	VLAN range 1-4094, with a maximum active VLAN of 31
Jumbo Frame	9216Kbytes
Transfer Mode	Store and forward
Standard	
Network protocol	IEEE802.3 IEEE802.3u IEEE802.3x IEEE802.3ab IEEE802.3z
Industry Standard	EMS: EN61000-4-2 (ESD) EN61000-4-5 (Surge)
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

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 : 440*204*44mm Package Dimension: 500*290*85mm N.W：2.36kg G.W：2.93kg
Packing Info	Carton MEAS：520*445*310mm Packing Qty：5units Packing Weight：15.6KG
Power Voltage	Input Voltage ：AC 100-240 V 50/60Hz Power supply：12V 2A
Power	maximum 20W
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Certification 1 pc, Brackets 1 pair

Indicators	
PWR	Lighting：Powered Un-Light：No Power
Link/Act(1-26)	Lighting：Connecting Flashing：Data Transmit Un-Light：Disconnect
1000M(1-26)	Lighting：1000M Link Connecting Un-Light：10/100M Link Connecting or Disconnect
Reset	Long press for 6 seconds to restore factory settings

Ordering Info	
HR-SWGW20242S	26 port fully gigabit light network managed switch

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L2 Function		
Port	Port Switch	
	Port Description	
	Port Speed	
	Port Duplex	
	Port Flow Control	
	Jumbo, Up to 9216bytes	
	EEE	
Link Aggregation	Static Group	
	Up to 4 groups	
	Max. 8 members per group	
Storm Control	Boardcast	
	Unknown Multicast	
	Unknown Unicast	
Port Mirroring		
Port Security	MAC Address Constraints	
Port Isolation		
Port Rate-limit		
Loopback Detection		
VLAN	Access/Trunk/Hybrid	
	Congurable VID from 1 - 4094; Max. 31 static VLAN groups	
MAC Address	Dynamic Address	
	Static Address	
	Address Lookup	
Spnning Tree Protocol	STP/RSTP	
	Edge Port	
Multicast	IGMP Snnoping	
	IGMP V1/V2	
	Router Port	
	Static IGMP Join	
QoS	Traffic classification based, Strict priority and WRR	
	Port Priority	
	Supports up to 8 queues per port	

Services	
Access Protocol	HTTP
Port Statistics	
Managemnet	
Manager IP	Static Address
	DHCP Client
User	
Firmware	Firmware Upgarde
Configuration	Upload and download
Save	
Restart	
Factory Defaults	

Standards Compliance
IEEE 802.3x flow control and back pressure
IEEE 802.1D Spanning Tree Protocol
IEEE 802.1w Rapid Spanning Tree Protocol
IEEE 802.1p Class of Service
IEEE 802.1Q VLAN tagging
RFC 768 UDP
RFC 791 IP
RFC 792 ICMP
RFC 2068 HTTP
RFC 1112 IGMP v1
RFC 2236 IGMP v2

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Product Rendering

Application