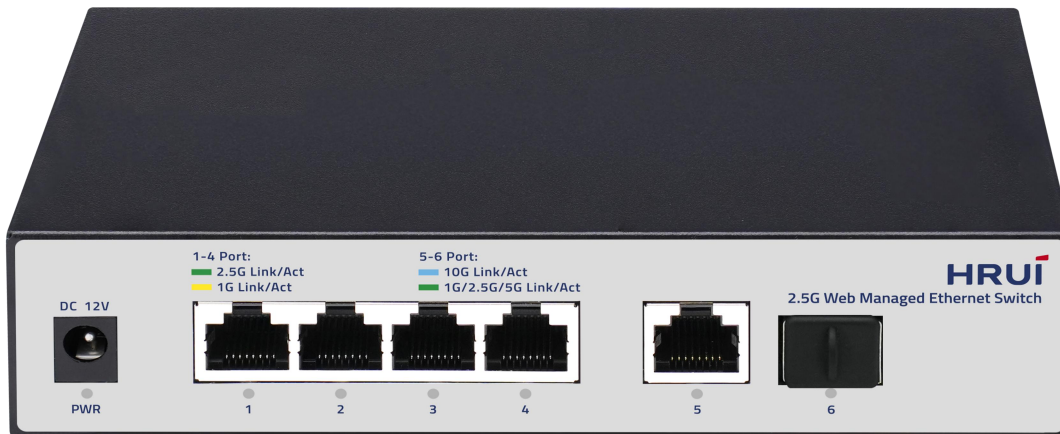


4-Port 2.5G and 2-Port 10G Web Managed Ethernet Switch



Product Highlights

- 4*2.5Gbps RJ45 ports+1*10Gbps RJ45 port+1*10Gbps SFP+ port
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3z, IEEE 802.3ae, and IEEE 802.3x standards
- Ethernet Ports support 10M/100M/1G/2.5Gbps self-adaptive
- Support automatic port flipping (Auto MDI/MDIX)
- The panel indicator LEDs will monitor the working status and assist in fault analysis
- Flow control method, full duplex adopts IEEE802.3x standard, and half duplex adopts Backpressure standard

Hardware Features

Description	Specification
Model	HR310S-4T2XH
Interface	4*2.5Gbps RJ45 ports 1*10Gbps RJ45 port 1*10Gbps SFP+ port
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE802.3z (Gigabit Ethernet Fiber Standard) IEEE802.3bz (2.5G Ethernet) IEEE 802.3ae (10Gbps Ethernet) IEEE802.3x (Flow Control)
Switching Bandwidth	60Gbps
Packet Forwarding Rate	44.64Mpps
Packet Buffer	8Mbit
MAC Address Table	4K
VLAN	VLAN range 1-4094, maximum active VLAN is 4K
Jumbo Frame	10K
Transmission Method	Store and Forward
Surge Protection	Port Surge: Common mode 4KV, Differential mode 1KV(Class B) Electrostatic ESD: Air 8KV, Contact 6KV(Class C)
Operating Temperature	0~40°C
Storage Temperature	-40~70°C
Operation Humidity	10%~90%, non condensing
Storage Humidity	5%~95%, non condensing
Power Supply	AC 100-240V 50/60Hz DC 12V1A
Mainboard Power Consumption	9.84W
Structure Information	Product Dimensions: 160*90*35mm Packaging Dimensions: 175*120*73mm Product Net Weight: 0.35KG Product Gross Weight: 0.5KG
Packing Information	Carton Dimensions: 520*385*205mm Packing Quantity: 20PCS Packing Weight: 11KG

Description	Specification
Package Contents	Switch 1pcs, AC Adapter 1pcs, Manual 1pcs, Certificate of Inspection 1pcs
Fan Quantity	0
Installation	Desktop, Wall-mounting
PWR Green LED	On: Powered on Off: Powered off
Ports 1-4	Green LED on: 2.5Gbps Link normal Yellow LED on: 10/100/1000Mbps Link normal Off: Link blocked Flashing: Data transmitting
Port 5	Blue LED on: 10Gbps Link normal Green LED on: 1G/2.5/5Gbps Link normal Off: Link blocked Flashing: Data transmitting
Port 6	Blue LED on: 10Gbps Link normal Green LED on: 1G/2.5Gbps Link normal Off: Link blocked Flashing: Data transmitting

Software Features

L2 Function	
	Port Switch configuration
	Port Speed configuration
	Port Duplex configuration
Port	Port Flow Control configuration
	EEE
	Jumbo Frame
Link Aggregation	Max. 4 members per group
	Static Group
	LACP
	Up to 2 groups
	Boardcast suppression
Storm Control	Unknown Multicast
	Unknown Unicast
Port Mirroring	Support
Port Security	MAC Address Constraints
Port Isolation	Support
Port Rate-limit	Support
VLAN	Access/Trunk/Hybrid
	Congurable VID from 1 - 4094;Max. 31 static VLAN groups
MAC Address	Dynamic MAC Address
	Static MAC address
Spanning Tree Protocol	STP/RSTP
	Edge Port

Software Features

Multicast	IGMP Snooping
	Router Port
	Static IGMP Join
	IGMP V1/V2

QoS	Traffic classification, Supporting SP and WRR scheduling
	Port Priority
	Support up to 8 queues per port

Services

Access Protocol	HTTP
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Diagnostics

Port Statistics	Support
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Equipment Management

Manager Access	HTTP
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Software Features

Manager IP	Static Address
	DHCP Client
User Management	Support
Firmware Management	Firmware upgrade
Configuration Management	Upload/Backup Configuration
Save	Support
Restart	Support
Factory Defaults	Support
Standard Compliance	
IEEE 802.3x flow control and back pressure	
IEEE 802.1D Spanning Tree Protocol	
IEEE 802.1w Rapid Spanning Tree Protocol	
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	

Product Structure Diagram

