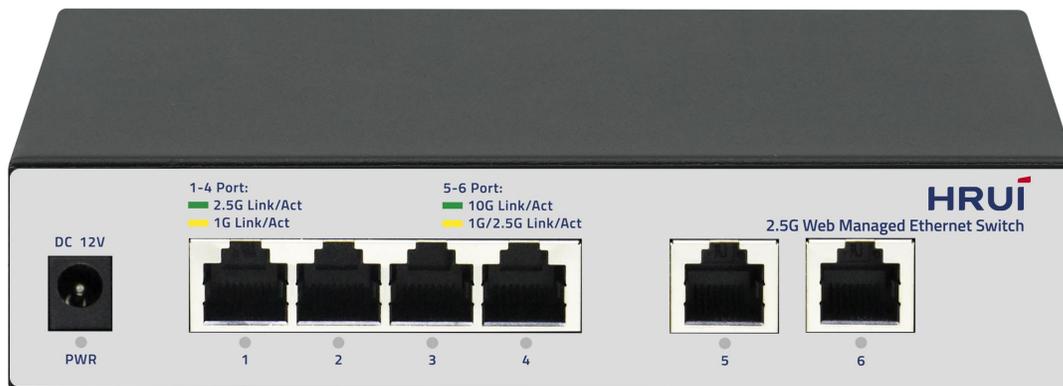


# 4-Port 2.5G and 2-Port 10G Web Managed Ethernet Switch



## Product Highlights

- 4\*2.5Gbps RJ45 ports and 2\*10Gbps RJ45 ports
- 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 100M/1G/2.5G/5G/10Gbps 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
- Support QoS data priority
- Support web management

## Hardware Features

Description	Specification
Model	HR310S-4T2XT
Interface	4*2.5Gbps RJ45 ports 2*10Gbps RJ45 ports
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: 0.33KG Product Gross Weight: 0.47KG
Packing Information	Carton Dimensions: 520*385*205mm Packing Quantity: 20PCS Packing Weight: 10.08KG

Description	Specification
Package Contents	Switch 1pcs, AC Adapter 1pcs, Manual 1pcs, Certificate of Inspection 1pcs
Fan Quantity	0
Installation	Desktop
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
Ports 5-6	Green LED on: 10Gbps Link normal Yellow LED on: 1G/2.5/5Gbps Link normal Off: Link blocked Flashing: Data transmitting

## Software Features

L2 Function	
	Port Switch configuration
	Port Speed configuration
Port	Port Duplex configuration
	Port Flow Control configuration
	Jumbo Frame
Link Aggregation	Max. 4 members per group
	Static Group
	LACP
	Up to 2 groups
	Boardcast suppression
Storm Control	Multicast
	Unknown Multicast
	Unknown Unicast
Port Mirroring	Support
Loopback Detection	Support
Port Isolation	Support
Port Rate-limit	Support
Loopback Detection	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

Diagnostics

Port Statistics

Support

Equipment Management

Manager Access

HTTP

## 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

