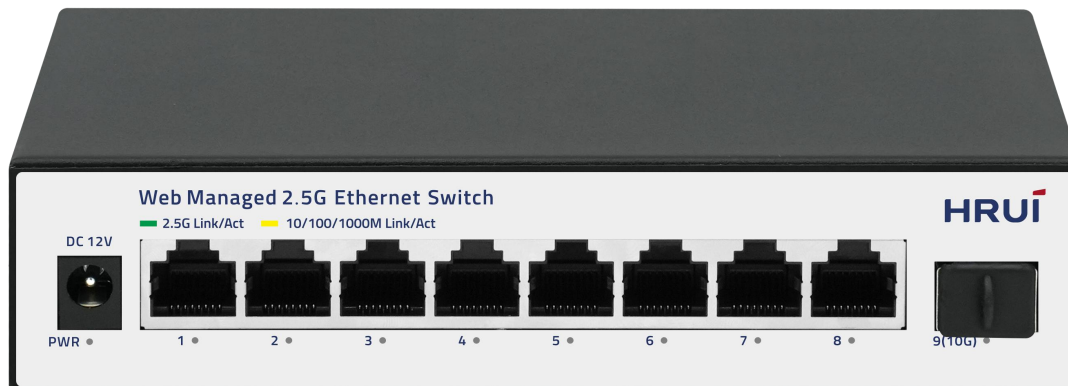


8-Port 2.5G and 1-Port 10G SFP+ Web Managed Switch



Product Highlights

- 8*2.5Gbps RJ45 ports+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/2.5G 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, IEEE802.3x standard for full duplex and Backpressure standard for half duplex
- Support QoS data priority

Hardware Features

Description	Specification
Model	HR310S-8T1XS
Interface	8*2.5Gbps RJ45 ports 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 (10G Ethernet) IEEE802.3x (Flow Control)
Switching Bandwidth	60Gbps
Packet Forwarding Rate	44.64Mpps
Packet Buffer	8Mbit
MAC Address Table	4K
Jumbo Frame	16K
VLAN	VLAN range 1-4094, maximum active VLAN is 31
Transmission Method	Store and Forward
Power Supply	AC 100-240V 50/60Hz DC 12V 1A
Mainboard Power Consumption	11.29W
Structure Information	Product Dimensions: 160*90*35mm Packaging Dimensions: 175*1120*73mm Product Net Weight: 0.33KG Product Gross Weight: 0.47KG

Hardware Features

Description	Specification
Packing Information	Carton Dimensions: 520*385*205mm Packing Quantity: 20PCS Packing Weight: 10.4KG
Package Contents	Switch 1pcs, Ac adapter 1pcs, Manual 1pcs, Certificate of Inspection 1pcs
Fan Quantity	0
Installation	Desktop
Surge Protection	Port Surge: Common mode 4KV, Differential mode 2KV Electrostatic ESD: Air 8KV, Contact 6KV
Operating Temperature	0~40°C
Storage Temperature	-40~70°C
Operation Humidity	10%~90%, non condensing
Storage Humidity	5%~95%, non condensing
PWR Green LED	On: Powered on Off: Powered off
Ports 1-8	Green LED on: 2.5Gbps Link normal Yellow LED on: 10/100/1000Mbps Link normal Off: Link blocked Flashing: Data transmitting
Port 9	Blue LED on: 10Gbps Link normal Green LED on: 1G/2.5Gbps Link normal Off: Link blocked Flashing: Data transmitting
Reset	Long press for 6 seconds to restore factory settings

Software Features

Description	Specification
L2 Function	
Port	Port Switch configuration
	Port Speed configuration
	Port Duplex configuration
	Port Flow Control configuration
	Jumbo Frame
Link Aggregation	Up to 2 groups
	Static Group
	LACP
Storm Control	Max. 4 members per group
	Boardcast suppression
	Unknown Multicast
Port Mirroring	Unknown Unicast
	Support
VLAN	Access/Trunk/Hybrid
	VLAN range 1-4094, maximum active VLAN is 31
Port Isolation	Support
Port Rate-limit	Support
MAC Address	Filtering MAC Address
	Static MAC address

Software Features

Description	Specification
Spanning Tree Protocol	STP/RSTP Edge Port
Multicast	IGMP Snooping IGMP V1/V2
QoS	Traffic classification, supporting SP and WRR scheduling Port Priority Support up to 8 queues per port
Services	
Access Protocol	HTTP
Security	
Diagnostics	DHCP Snooping
Port Statistics	
Equipment Management	Support
Manager Access	
Manager IP	HTTP Static Address DHCP Client

Software Features

Description	Specification
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 802.1p Class of Service	
IEEE 802.1Q VLAN tagging	
IEEE 802.3af Power over Ethernet	
IEEE 802.3at Power over Ethernet Plus	
IEEE 802.3bt PoE++ Power over Ethernet Plus Plus	
RFC 768 UDP	
RFC 791 IP	
RFC 792 ICMP	
RFC 2068 HTTP	
RFC 1112 IGMP v1	
RFC 2236 IGMP v2	

Product Structure Diagram

