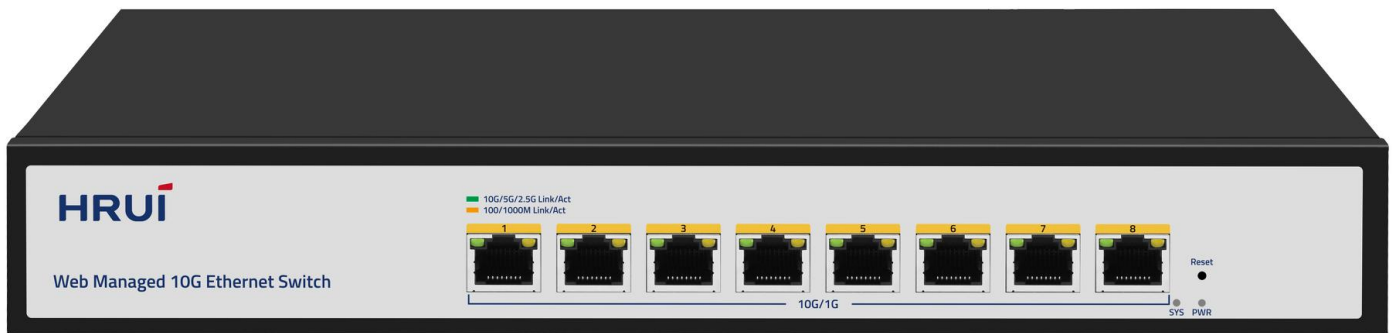


# 8-Port 10G Web Managed Switch



## Product Highlights

- Supports 8 \*10 Gigabit RJ45 ports
- Supports IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z
- RJ45 port supports 1.25G/2.5G/10G adaptive
- Supports automatic port flipping (Auto MDI/MDIX)
- Adopting a storage and forwarding exchange mechanism
- All ports support line speed switching
- The panel indicator LEDs will monitor the working status and assist in fault analysis
- Support QoS data priority
- Support web management

## Hardware Features

Description	Specification
Model	HR902-SWTGW2C80N
Interface	8*10G RJ45 port
Port Standard	IEEE 802.3: Ethernet Media Access Control (MAC) Protocol IEEE 802.3i: 10BASE-T Ethernet IEEE 802.3u: 100BASE-TX Fast Ethernet IEEE 802.3ab: 1000BASE-T Gigabit Ethernet IEEE 802.3x: Flow Control IEEE 802.3az (Efficient and Energy saving Ethernet) IEEE 802.3ae (10G Ethernet) IEEE802.3x (Flow Control) IEEE802.3 bz (2.5G/5G Ethernet standard)
Switching Capacity	160Gbps
Packet Forwarding Rate	119.04Mpps
Packet Buffer	12Mbit
MAC Address Table	16K
Jumbo Frame	10K
VLAN	VLAN range 1-4094, maximum active VLAN is 4K
Transmission Method	Store and Forward
Power Supply	AC 100-240V 50/60Hz DC 12V 8A
Mainboard Power Consumption	13.8W
Structure Information	Product Dimensions :320*207*45mm Packaging Dimensions :370*290*85mm Product Net Weight: 1.82KG Product Gross Weight: 2.36KG

## Hardware Features

Description	Specification
Packing Information	Carton Dimensions :445*310*390mm Packing Quantity: 5PCS Packing Weight:12.8KG
Package Contents	Switch 1pcs,power cord 1pcs>manual 1pcs,certificate of qualification 1pcs
Fan Quantity	1
Installation	Desktop
Surge Protection	Port Surge: Common mode 4KV Electrostatic ESD: Air 8KV, Contact 6KV (Class B)
Operating Temperature	0~40°C
Storage Temperature	-40 °C to 70 °C
Operation Humidity	10%~90%, non condensing
Storage Humidity	5%~95%, non condensing
PWR Green LED	On: Powered on Off: Powered off
SYS Green LED	On: The system is normal Flashing: System startup in progress
2.5G/5G/10G Green LED	On: link normal Off: Link blocked Flashing: Data transmitting
100/1000M Yellow LED	On: 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 Description configuration
	Port Speed configuration
	Port Duplex configuration
	Port Flow Control configuration
	Jumbo Frame
	EEE
Link Aggregation	Supports load balance policy; Base on MAC and IP-MAC
	Static and Dynamic Group
	LACP
Storm Control	Up to 8 groups
	Boardcast suppression
	Unknown Multicast
Port Mirroring	Unknown Unicast
	One to one monitor
	Many to one monitor
Port Security	Ingress/Egress/Both
	Up to 4 session groups
Port Isolation	MAC Address Constraints
	Protect/Restrict/Shutdown
Port Rate-limit	Support
VLAN	Support
	Access/Trunk/Hybrid
MAC Address	VLAN Tunnel (Q-in-Q Tunnel)
	VLAN range 1-4094, maximum active VLAN is 4K
MAC Address	Filtering MAC Address
	Static MAC address

## Software Features

Description	Specification
Spanning Tree Protocol	STP/RSTP
	BPDU Filter
	BPDU Guard
	Edge Port
Multicast	IGMP Snooping
	Router Port
	Static IGMP Join
	IGMP V1/V2/V3
QoS	Traffic classification, Supporting SP and WRR scheduling
	Port Priority
	802.1P Priority
	IP DSCP Priority
	Priority Remarking
ERPS	Supports up to 8 queues per port
	Main Ring
Services	
Access Protocol	HTTP
	Session Timeout
Security	DHCP Snooping
Diagnostics	
Copper Test	Support
Ping	Support
Equipment Management	
Manager Access	HTTP
	SNMP
Manager IP	Static Address
	Manager VLAN
	DNS
	DHCP Client

## Software Features

Description	Specification
SNMP	V1/V2C Community Trap Host
SNMP MIB	RFC 1213 MIB-II RFC 1643 Ethernet MIB RFC 2863 Interface MIB
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 802.3ad port trunk with LACP	
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 793 TFTP	
RFC 791 IP	
RFC 792 ICMP	
RFC 2068 HTTP	
RFC 1112 IGMP v1	
RFC 2236 IGMP v2	
RFC 3376 IGMP v3	

# Product Structure Diagram

