

8-port 10G SFP+ Web Management Switch

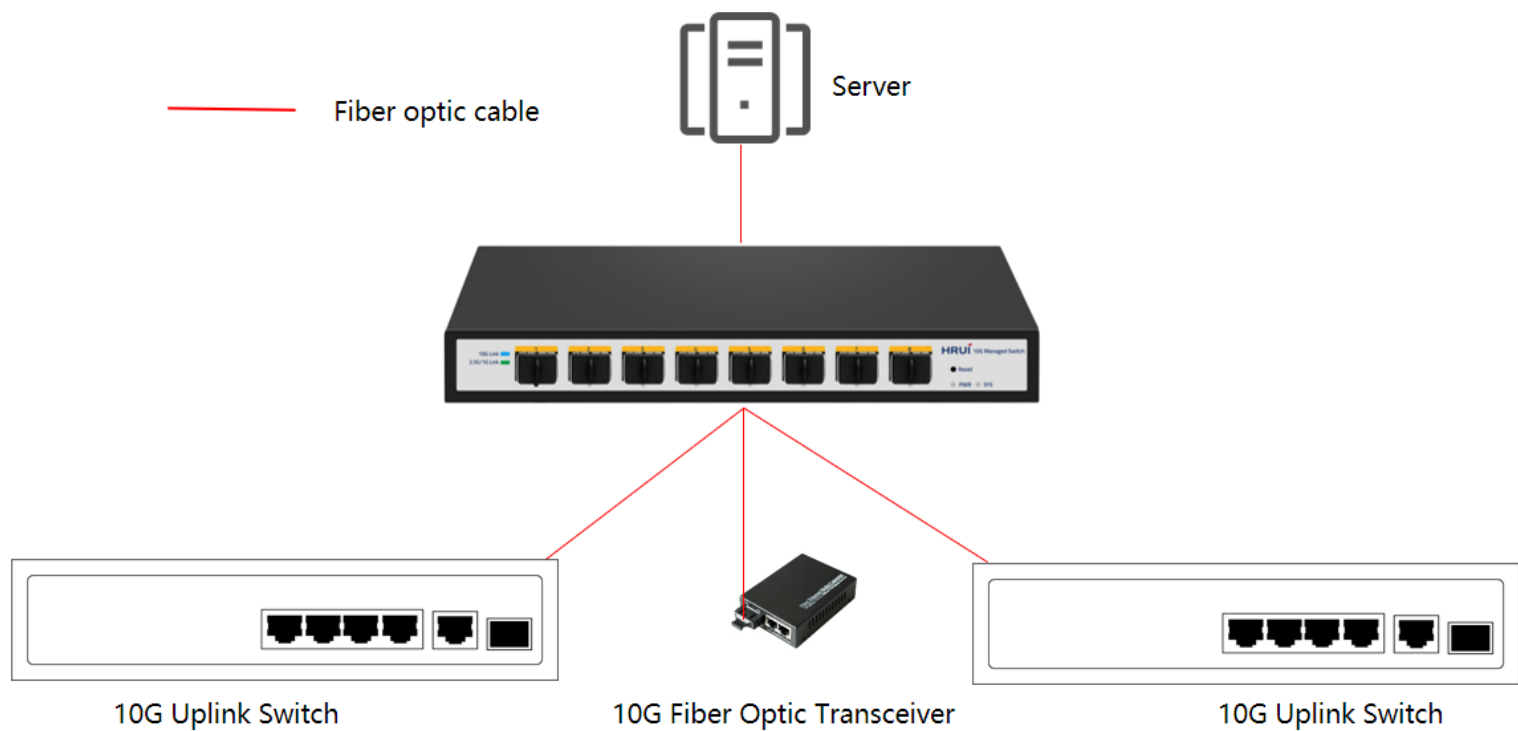


Highlights

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

Specifications

Product Application



Specifications

Hardware Features & Performance		
Model		HR-SWTGW2C8F
General	Interface	8*10G SFP+ optical ports
	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 802.3z: 1000BASE-X Gigabit Ethernet (Fiber optic) IEEE 802.3x: Flow Control IEEE 802.3az (Efficient and Energy saving Ethernet) IEEE 802.3ae (10 Gigabit Ethernet) IEEE802.3x (Flow Control) IEEE802.3 bz (2.5G/5G Ethernet standard)
Performance	Switching Capacity	160Gbps
	Packet Forwarding Rate	119.04Mpps
	Packet Buffer	12Mbit
	MAC Address Table	16K
	VLAN	VLAN range 1-4094, maximum active VLAN is 4K
	Jumbo Frame	support
	Transmission Method	Store and Forward
Environment	Surge Protection	Surge protection: common mode 6KV (Class C); Electrostatic ESD: Air 8KV, Contact 6KV (Class C)
	Operating Temperature	0~40°C
	Storage Temperature	-40 °C to 70 °C
	Operation Humidity	10%~90%, non condensing
	Storage Humidity	5%~95%, non condensing
Physical	Power Supply	AC 100-240V 50/60Hz DC 12V 2A
	Mainboard Power Consumption	13.8W
	Structure Information	Product Dimensions :220*126*28mm Packaging Dimensions : 259*228*60mm Product Net Weight: 0.62KG Product Gross Weight: 0.86KG
	Packing Information	Carton Dimensions : 535*320*480mm Packing Quantity: 20PCS Packing Weight: 18.2KG
	Packing List	switch 1pcs, ac adapter 1pcs, instruction manual 1pcs, certificate of qualification 1pcs
	Fan Quantity	0
	Installation	desktop

Specifications

Hardware Features & Performance		
Buttons & Indicator Lights	PWR	On: Powered on Off: Powered off
	SYS	On: The system is normal Flashing: System startup in progress
	2.5G/5G/10G	On: Link normal Off: Link blocked Flashing: Data transmitting
	1000M	On: Link normal Off: Link blocked Flashing: Data transmitting
	RESET	Long press for 6 seconds to restore factory settings

Specifications

Software Features	
L2 Function	
Port	Port Switch configuration
	Port Speed configuration
	Port Duplex configuration
	Port Flow Control configuration
	EEE
	Jumbo Frame
Link Aggregation	Supports load balance policy; Base on MAC and IP-MAC
	Static and Dynamic Group
	LACP
	Up to 8 groups
Storm Control	Boardcast suppression
	Unknown Multicast
	Unknown Unicast
Port Mirroring	One to one monitor
	Many to one monitor
	Ingress/Egress/Both
	Up to 4 session groups
Port Security	MAC Address Constraints
	Protect/Restrict/Shutdown
Port Isolation	support
Port Rate-limit	support
VLAN	Access/Trunk/Hybrid
	VLAN Tunnel (Q-in-Q Tunnel)
	VLAN range 1-4094, maximum active VLAN is 4K
MAC Address	Filtering MAC Address
	Static MAC address
Spanning Tree Protocol	STP/RSTP
	BPDU Filter
	BPDU Guard
	Edge Port
LLDP	LLDP
	LLDP MED
Multicast	IGMP Snooping
	Router Port
	Static IGMP Join
	IGMP V1/V2
QoS	Traffic classification, supporting SP and WRR scheduling
	Port Priority
	802.1P Priority
	IP DSCP Priority
	Priority Remarking
	Supports up to 8 queues per port
ERPS	Main Ring

Specifications

Software Features	
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
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	

Specifications

Product Pictures



Product Structure Diagram

