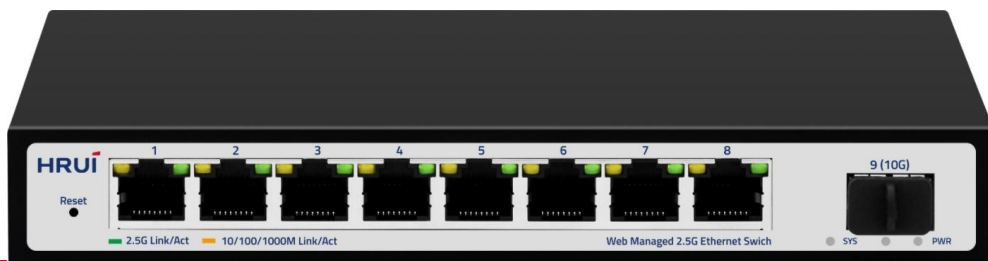


9 Port 10G uplink 2.5G Web Managed Ethernet switch



www.hrutech.com



CE FC RoHS

The 9 Port 10G uplink 2.5G light network management Ethernet switch adopts the network chip solution of high quality and high speed. The product is designed to be fan-free and quiet, which completely solves the problem of loud noise of small switches deployed in the office environment. The switch has 8* 100/1000/2500M RJ45 ports and 1* 10G SFP+ port, providing seamless connection to 100/1000/2500M Ethernet for easy management and maintenance. The switch can be widely used in security network video surveillance, hotels, campuses, and network engineering of small and medium-sized enterprises.

Main Feature

- 8* 100/1000/2500M RJ45 port+1* 10G SFP+ port;
- Support IEEE 802.3, IEEE802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3ae, IEEE 802.3x;
- Ethernet ports support 100/1000/2500M self-adaptive;
- Supports Auto MDI/MDIX;
- Panel indicators monitor working status and help fault analysis;
- Flow control mode, full duplex adopts IEEE802.3x standard, half duplex adopts Backpressure standard;
- Support QoS data priority;
- Support Surge protection: Common mode 6KV; Differential mode 2KV; ESD: Air 8KV, Contact 6KV.

Application environment

Metro fiber broadband network:

Telecom, cable TV, network system integration, etc., according to network operators

Broadband private network:

Broadband private network: applicable to financial, government, oil, electric power, public security, education and other industries private network

Multimedia transmission:

Multimedia transmission, image, voice and data integrated transmission, for remote teaching, meeting TV, video phone and other applications

Real-time monitoring:

Real-time monitoring: real-time control signal, image and data transmission

Technical Parameter	
I/O Interface	
Power	DC 2.1
Ethernet	8*100/1000/2500M RJ45 ports 1*10G SFP+ port
Performance	
Bandwidth	60Gbps
Packet forwarding rate	44.64Mpps
Package cache	8Mbit
VLAN	VLAN range 1-4094, with a maximum active VLAN of 31
MAC address table	4K
Jumbo frame	16356bytes
Forwarding mode	Store and forward
Standard	
Network protocol	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab(Gigabit Ethernet) IEEE 802.3bz (5G Ethernet) IEEE 802.3z (Gigabit Ethernet) IEEE 802.3ae (10G Ethernet) IEEE802.3x (Flow control)
Industry standard	EMS: EN61000-4-2 (ESD), IEN61000-4-5 (Surge)
Network medium	10Base-T: Cat3, 4, 5 or above UTP/STP($\leq 100m$) 100Base-TX: Cat5 or higher UTP/STP($\leq 100m$) 1000Base-TX: Cat5 or higher UTP/STP($\leq 100 M$)
SFP medium	Multimode optical fiber: 50/125, 62.5/125, 100/140um Single-mode optical fiber: 8/125, 8.7/125, 9/125, 10/125um
Certification	
Safety certification	CE, FCC, RoHS

Environmental standard	
Working environment	Operating temperature: -10~50°C Storage temperature: -40~70°C Operating humidity: 10%~90%, no condensation Storage humidity: 5%~95%, no condensation
Physical specification	
Structural dimension	Product size: 190*100*28mm Package size: 245*190*60mm Product weight: 0.49KG Packing weight: 0.71KG
Packing information	Carton size: 520*320*400mm Packing quantity: 20 PCS Packing weight: 15.2KG
Supply voltage	Adapter input voltage: AC 100-240 V Switch input voltage: DC 12V1A
Power	Main board power : 11.29W
Packaging list	Switch 1 pc; Power Adaptor 1 pc; User manual 1 pc; Certification 1 pc
Functional indication	
Indicator	PWR (power indicator), 1-8 Green/Yellow light (Link & data)
PWR	On: Powered on Off: Powered off
SYS	Flashing: System startup Lighting: System Running
1-8 Port Green Light	Green On: 2.5G link connect normal Yellow On: 10/100/1000M Link connect normal Off: link off Flashing: data transmitting
9 Port Green Light	On: 10G Link connect normal Off: Link off Flashing: data transmitting
Reset	Long press for 6 seconds to Factory reset
Order info	
HR-SWTGW218AS	9 Port 10G uplink 2.5G Web Managed Ethernet switch

L2 Function	
Port	Port Switch
	Port Speed
	Port Duplex
	Port Flow Control
	Jumbo, Up to 16356bytes
	EEE
Link Aggregation	Static Group
	Up to 2 groups
	Max. 4 members per group
Storm Control	Boardcast
	Unknown Multicast
	Unknown Unicast
Port Mirroring	
Port Security	MAC Address Constraints
Port Isolation	
Port Rate-limit	
Loopback Detection	
VLAN	Access/Trunk/Hybrid
	Congurable VID from 1 - 4094; Max. 31 static VLAN groups
MAC Address	Dynamic Address
	Static Address
Spnning Tree Protocol	STP/RSTP
	Edge Port
Multicast	IGMP Snnoping
	IGMP V1/V2
	Router Port
	Static IGMP Join
QoS	Traffic classification based, Strict priority and WRR
	Port Priority
	Supports up to 8 queues per port

Services	
Access Protocol	HTTP
Diagnostics	Port Statistics
Managemnet	
Manager Access	HTTP
Manager IP	Static Address
	DHCP Client
User	
Firmware	Firmware Upgarde
Configuration	Upload and download
Save	
Restart	
Factory Defaults	
Standards 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 Rendering



Product structure

