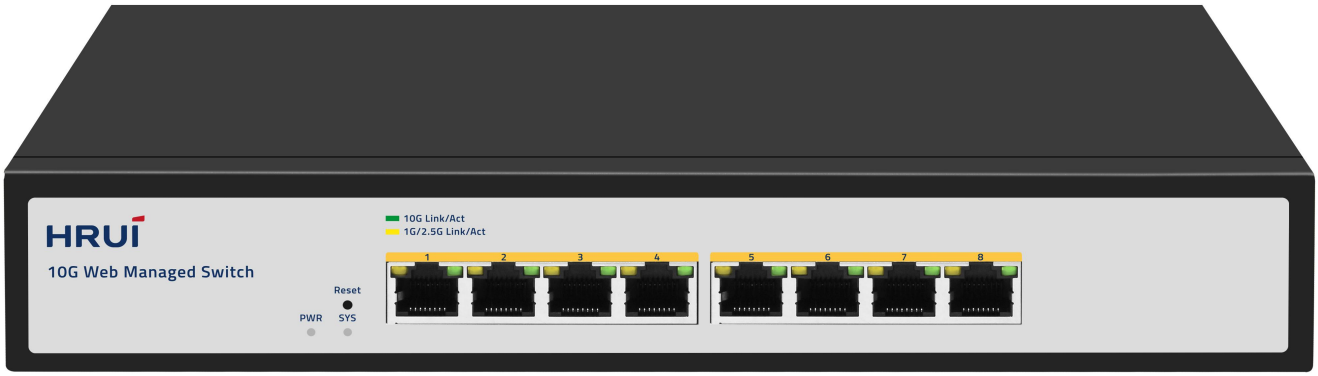
8-Port 10G Web Managed Ethernet Switch



Product Highlights

- 8*10Gbps RJ45 ports
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3ae, and IEEE 802.3x standards
- Ethernet Ports support 100M/1G/2.5G/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, IEEE802.3x standard for full duplex and Backpressure standard for half duplex
- Support QoS data priority
- Support web management

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Hardware Features

Description	Specification
Model	HR510S-8T
Interface	8*10Gbps RJ45 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 802.3x: Flow Control IEEE 802.3az (Energy Efficient Ethernet) IEEE 802.3ae (10G Ethernet) IEEE802.3x (Flow Control) IEEE802.3 bz (2.5G/5G Ethernet standard)
Switching Bandwidth	160Gbps
Packet Forwarding Rate	119.04Mpps
Packet Buffer	12Mbit
MAC Address Table	16K
Jumbo Frame	Support
VLAN	VLAN range 1-4094, maximum active VLAN is 4K
Transmission Method	Store and Forward
Power Supply	AC 100-240V 50/60Hz DC 12V 4A
Mainboard Power Consumption	33.97W
Structure Information	Product Dimensions: 270*181*44mm Packaging Dimensions: 312*262*84mm Product Net Weight: 1.3KG Product Gross Weight: 1.75KG

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Hardware Features

Description	Specification
Package Information	Carton Dimensions: 540*435*332mm Packing Quantity: 10PCS Packing Weight: 18.5KG
Package Contents	Switch 1pcs, Power Cord 1pcs, Manual 1pcs, Certificate of Inspection 1pcs
Fan Quantity	2
Installation	Desktop
Surge Protection	Port Surge: Common mode 4KV, Differential mode 1KV 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
SYS Green LED	On: The system is normal Flashing: System startup in progress
Ports 1-8	Green LED on: 10Gbps Link normal Yellow LED on: 1G/2.5Gbps Link normal Off: Link blocked Flashing: Data transmitting
Reset	Long press for 6 seconds to restore factory settings

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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	Support 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

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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
QoS	Traffic classification, Supporting SP and WRR scheduling Port Priority 802.1P Priority IP DSCP Priority Priority Remarking Support up to 8 queues per port
ERPS	Main Ring
Services	
Access Protocol	HTTP Session Timeout
Security	DHCP Snooping
Diagnostics	
Copper Test	Support
Ping	Support
Equipment Management	
Manager Acces	HTTP SNMP
Manager IP	Static Address Manager VLAN DNS DHCP Client

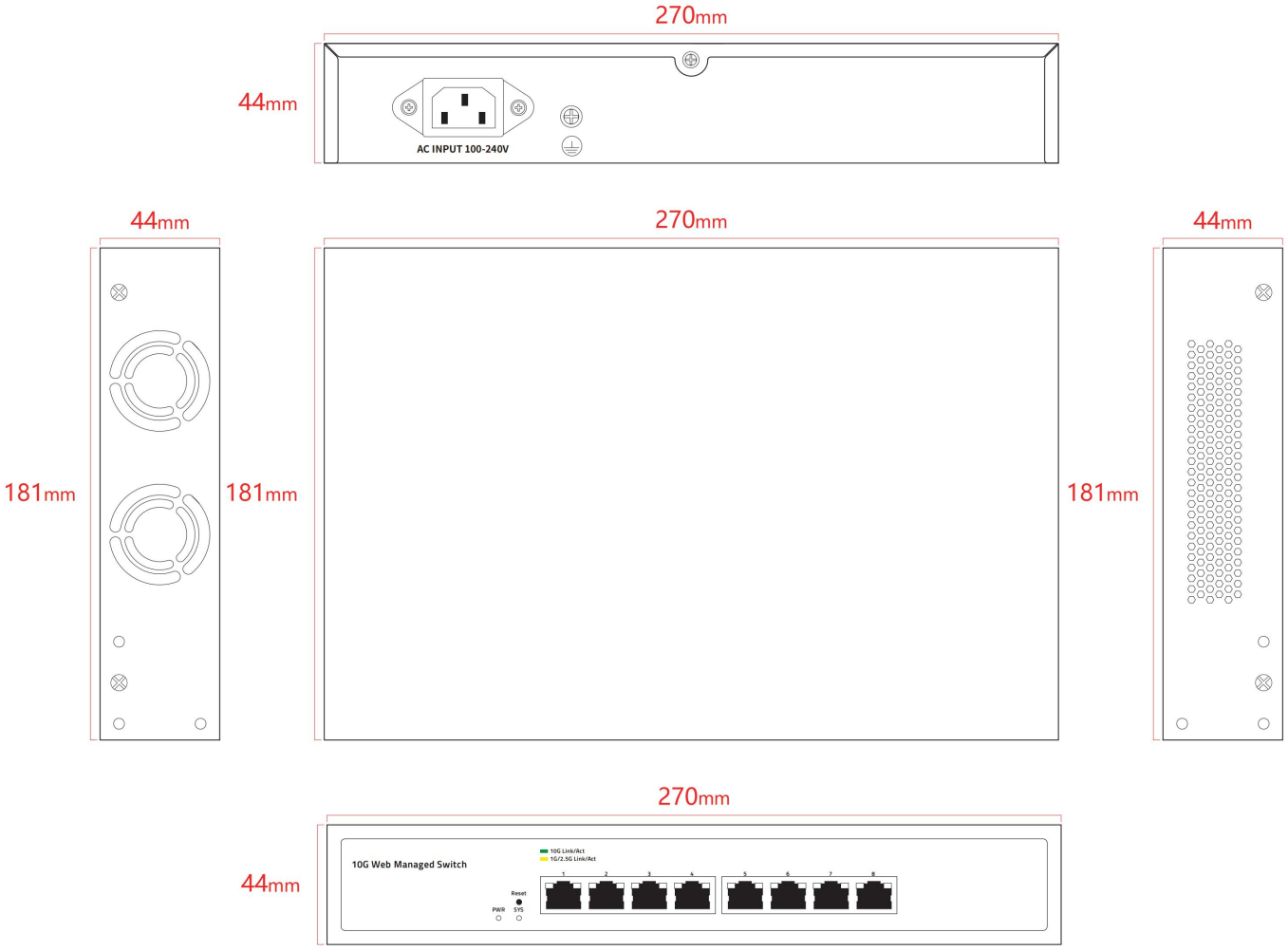
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Software Features

Description	Specification
SNMP	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	

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Product Structure Diagram



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