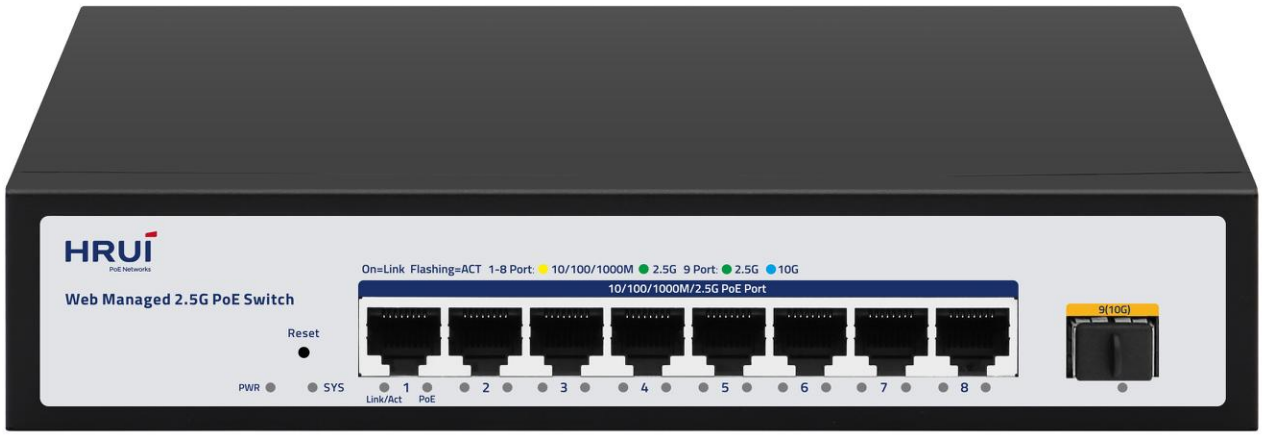
8-Port 2.5G and 1-Port 10G SFP+ Web Managed PoE Switch



Product Highlights

- 8*2.5Gbps PoE ports and 1*10Gbps SFP+ port
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3ae, IEEE 802.3x standards
- Ethernet Ports support 10M/100M/1G/2.5Gbps self-adaptive
- Support PoE priority, default enabled in order from 1 to 8 ports
- 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

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Hardware Features

Description	Specification
Model	HR-AFGW-SWTG218ANS-100
Interface	8*2.5Gbps RJ45 port 1*10Gbps SFP+ port
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE 802.3z (Gigabit 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	Support
VLAN	VLAN range 1-4094, maximum active VLAN is 31
Transmission Method	Store and Forward
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W)
PoE Port Output Voltage	DC 44-57V
PoE Ports	Ports 1-8 PoE power output <30W
PoE Power Budget	85W
Power Supply	AC 100-240V 50/60Hz DC 52V 1.92A
Mainboard Power Consumption	11.29W
Structure Information	Product Dimensions: 220*161*44.5mm Packaging Dimensions: 315*215*85mm Product Net Weight: 0.916KG Product Gross Weight: 1.23KG

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Hardware Features

Description	Specification
Packing Information	Carton Dimensions: 445*445*335mm Packing Quantity: 10PCS Packing Weight: 13.3KG
Package Contents	Switch 1pcs, Power Cord 1pcs, Manual 1pcs, Certificate of Inspection 1pcs
Fan Quantity	0
Installation	Desktop
Surge Protection	Port Surge: Common mode 4KV, Differential mode 2KV (Class B) Electrostatic ESD: Air 8KV, Contact 6KV (Class C)
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: 2.5Gbps Link normal Yellow LED on: 1Gbps Link normal Off: Link blocked Flashing: Data transmitting
PoE Yellow LED	On: PoE powered on Off: PoE powered off
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

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Software Features

L2 Function	
Port	Port Switch configuration Port Speed configuration Port Duplex configuration Port Flow Control configuration EEE Jumbo Frame
Link Aggregation	Max. 4 members per group Static Group LACP Up to 2 groups
Storm Control	Boardcast suppression Unknown Multicast Unknown Unicast
Port Mirroring	Support
Port Security	MAC Address Constraints
Port Isolation	Support
Port Rate-limit	Support
VLAN	Access/Trunk/Hybrid Congurable VID from 1 - 4094;Max. 31 static VLAN groups
MAC Address	Dynamic MAC Address Static MAC address
Spanning Tree Protocol	STP/RSTP Edge Port

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Software Features

Multicast	IGMP Snooping
	Router Port
	Static IGMP Join
	IGMP V1/V2
QoS	Traffic classification, Supporting SP and WRR scheduling
	Port Priority
	Supports up to 8 queues per port
PoE Configuration	PoE used power
	PoE Type/Level/Power/Voltage/Current
	PoE Switch
	PoE power AF/AT adaptation
Services	
Access Protocol	HTTP
Diagnostics	
Port Statistics	Support
Equipment Management	
Manager Access	HTTP

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Software Features

Manager IP	Static Address DHCP Client
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 802.1Q VLAN tagging

IEEE 802.3af Power over Ethernet

IEEE 802.3at Power over Ethernet Plus

RFC 768 UDP

RFC 791 IP

RFC 792 ICMP

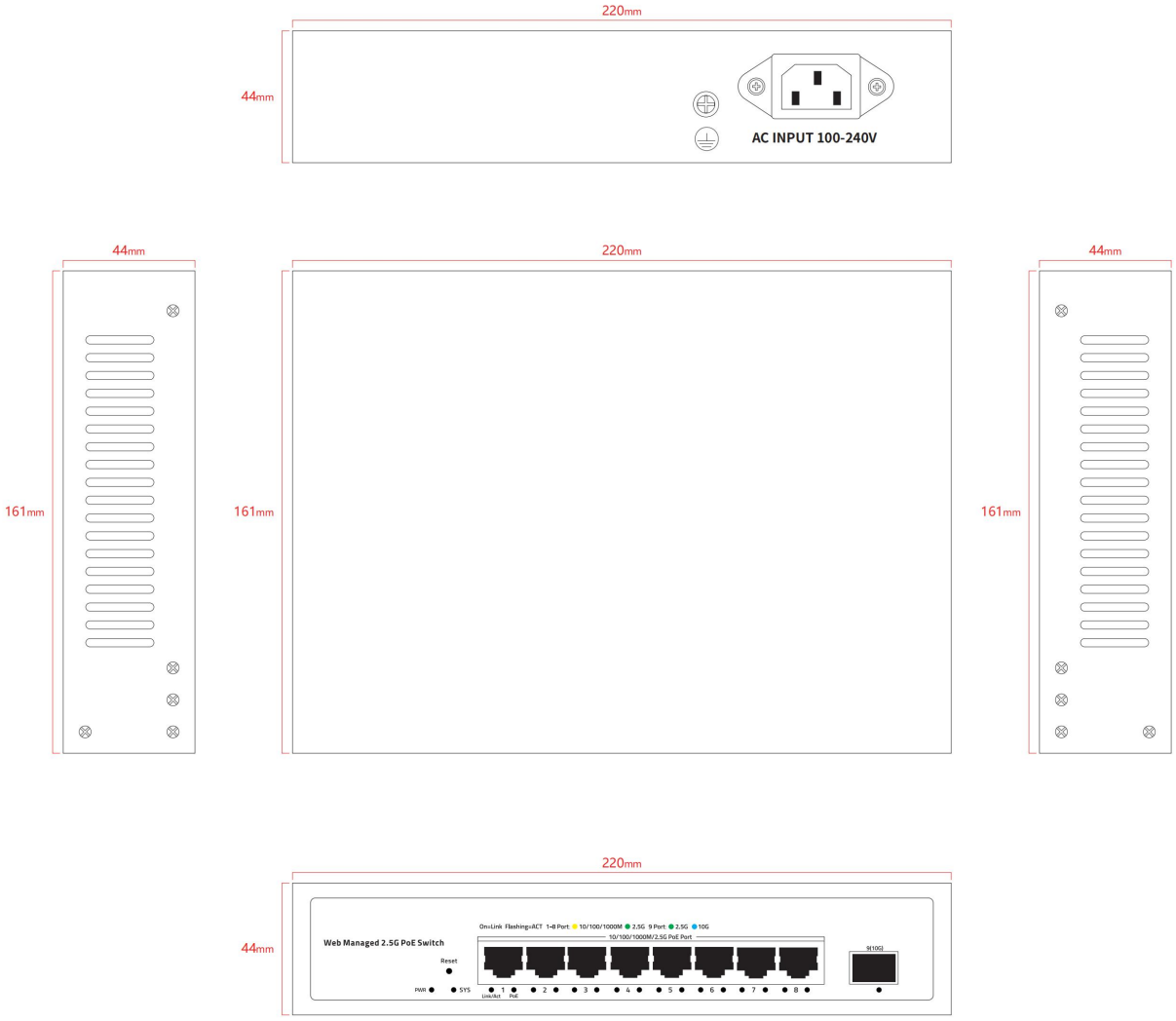
RFC 2068 HTTP

RFC 1112 IGMP v1

RFC 2236 IGMP v2

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Product Structure Diagram



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