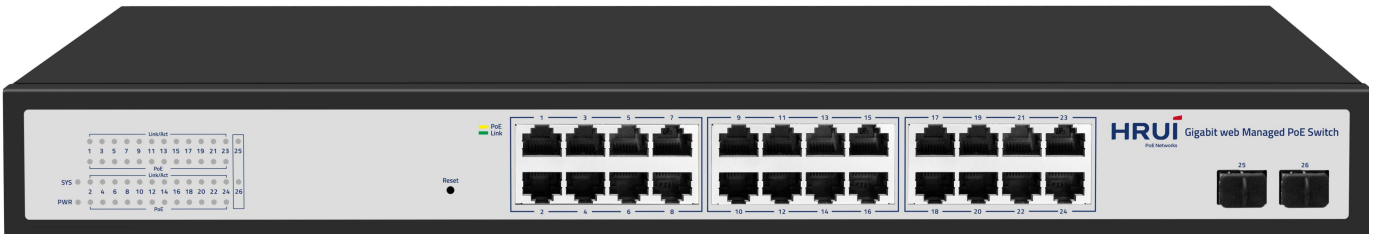
26-Port Gigabit Web Managed PoE Switch



Product Highlights

- Support 24*1Gbps PoE ports+2 *1Gbps SFP ports
- Comply with IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, and IEEE802.3z standards
- Ethernet Ports support 10/100/1000Mbps self-adaptive
- Support automatic port flipping (Auto MDI/MDIX)
- Adopt 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

Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd

Hardware Features

Description	Specification
Model	HR-AFGW-242S-400
Interface	24*1Gbps PoE ports 2 *1Gbps SFP 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 GigabitEthernet IEEE 802.3z: 1000BASE-X Gigabit Ethernet (Fiber optic) IEEE 802.3x: Flow Control
Switching Bandwidth	52 Gbps
Packet Forwarding Rate	38.68Mpps
Packet Buffer	4.1Mbit
MAC Address Table	8K
Jumbo Frame	9216bytes
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 1-24 PoE power output <30W
PoE Power Budget	380W
Power Supply	AC 100-240V 50/60Hz DC 52V 7.69A
Mainboard Power Consumption	15.75W
Structure Information	Product Dimensions: 440*280*44mm Packaging Dimensions: 500*365*85mm Product Net Weight: 3.55KG Product Gross Weight: 4.22KG

Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd

Hardware Features

Description	Specification
Package Information	Carton Dimensions: 520*445*385mm Packing Quantity: 5PCS Packing Weight: 22.1KG
Package Contents	Switch 1pcs, Power Cord 1pcs, Manual 1pcs, Certificate of Inspection 1pcs
Fan Quantity	0
Installation	Desktop, Rack-mounting
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	Flashing: System startup in progress On: The system is running normally
Ports 1-26 Green LED	On: 10/100/1000Mbps Link normal Off: Link blocked Flashing: Data transmitting
PoE Yellow LED	On: PoE powered on Off: PoE powered off
Reset	Long press for 6 seconds to restore factory settings

Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd

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	Static Group Maximum of 4 aggregation groups Up to 8 members per aggregation group
Storm Control	Boardcast suppression Unknown Multicast Unknown Unicast
Port Mirroring	Support
Port Security	MAC Address Constraints
Port Isolation	Support
Port Rate-limit	Support
Loopback Detection	Support
VLAN	Access/Trunk/Hybrid VLAN range 1-4094, maximum active VLAN is 31 Port VLAN
MAC Address	Dynamic MAC address Static MAC address

Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd

Software Features

Description	Specification
Spanning Tree Protocol	STP/RSTP/MSTP Edge Port
Multicast	IGMP Snooping IGMP V1/V2/V3 Router Port Static IGMP group address
QoS	Traffic classification, supporting SP and WRR scheduling Port Priority Support up to 8 queues per port
PoE	
PoE Configuration	PoE used power PoE Type/Level/Power/Voltage/Current query PoE Switch Configuration PoE power AF/AT adaptation
Services	
Access Protocol	HTTP
Diagnostics	
Port Statistics	Support
Equipment Management	
Manager Access	HTTP
Manager IP	Static Address DHCP Client
Time Synchronization	SNTP Manual Time

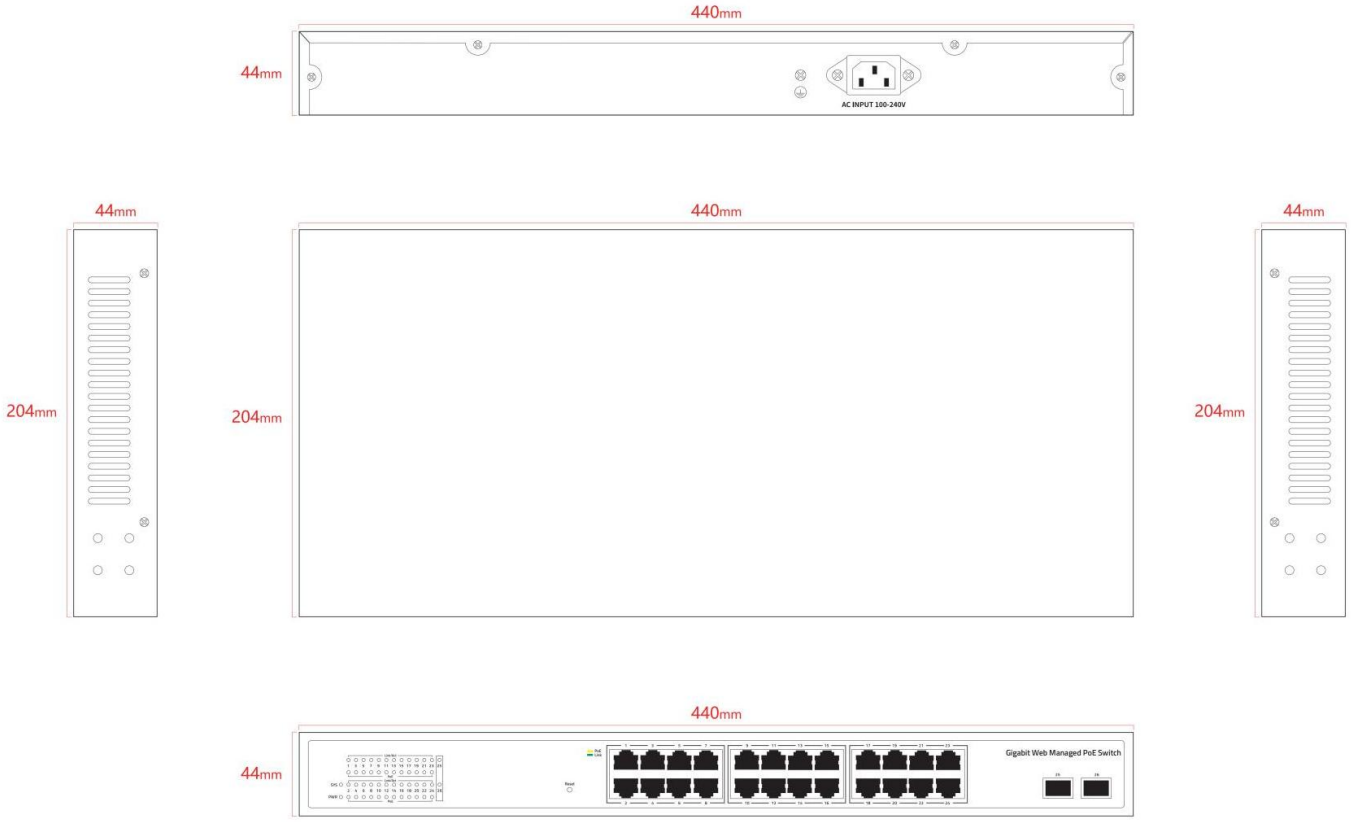
Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd

Software Features

Description	Specification
SNMP	V2C
	Community
	Trap Host
Port Statistics	Support
SNMP MIB	RFC 1213 MIB-II
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 802.1s Multiple Spanning Tree Protocol	
IEEE 802.1p Class of Service	
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	

Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd

Product Structure Diagram



Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd