16-Port Gigabit and 2-Port 2.5G SFP Web Managed PoE Switch



Product Highlights

- Support 16*1Gbps PoE ports+2*2.5Gbps 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
- Support web management

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Hardware Features

Description	Specification
Model	HR210P-16T2MS-200
Interface	16*1Gbps PoE ports 2*2.5Gbps 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	42Gbps
Packet Forwarding Rate	31.24Mpps
Packet Buffer	8.4Mbit
MAC Address Table	16K
Jumbo Frame	12Kbytes
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 1-16 PoE power output <30W
PoE Power Budget	185W
Power Supply	AC 100-240V 50/60Hz DC 52V 3.85A
Mainboard Power Consumption	10.4W
Structure Information	Product Dimensions: 440*204*44mm Packaging Dimensions: 500*290*85mm Product Net Weight: 2.64KG Product Gross Weight: 3.22KG

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Hardware Features

Description	Specification
Packing Information	Carton Dimensions: 520*445*310mm Packing Quantity: 5PCS Packing Weight: 17.1KG
Package Contents	Switch 1pcs, Power Cord 1pcs, Manual 1pcs, Certificate of Inspection 1pcs, Rack-mounting kit 1pair
Fan Quantity	0
Installation	Desktop, Rack-mounting
Surge Protection	Port Surge: Common mode 6KV, Differential mode 2KV (Class C) Electrostatic ESD: Air 8KV, Contact 6KV (Class B) Power Supply: Common mode 4KV, Differential mode 2KV (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 1-16 Green LED	Green LED on: 1Gbps Link normal Yellow LED on: 10/100Mbps Link normal Off: Link blocked Flashing: Data transmitting
PoE Yellow LED	On: PoE powered on Off: PoE powered off
Ports 17-18	Green LED on: 2.5Gbps Link normal Yellow LED on: 1Gbps Link normal Off: Link blocked Flashing: Data transmitting
PoE Max Green LED	Off: Indicate that the PoE power usage is less than 90% Flashing(Once per second): Indicate that the PoE power usage of 90% ≤ P ≤ 95% On: Indicate that the PoE power is used at 95%<P<100%
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
Link Aggregation	Static Group Up to 2 groups Up to 4 groups Max. 4 members per group Max. 8 members per group LACP
Storm Control	Boardcast suppression Unknown Multicast Unknown Unicast
Port Mirroring	Support
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 Address Lookup

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Software Features

Description	Specification
Spanning Tree Protocol	STP/RSTP/MSTP Edge Port
Multicast	IGMP Snooping IGMP V1/V2
QoS	Traffic classification, supporting SP and WRR scheduling Port Priority IP DSCP Priority COS Pirority Support up to 8 queues per port
PoE	
PoE Configuration	PoE used power PoE Type/Level/Power/Voltage/Current query PoE Switch Configuration PoE Watchdog Enlong Mode Force PoE power AF/AT adaptation PoE Priority
Services	
Access Protocol	HTTP
Security	
DHCP Snooping	Global Option 82 Circuit ID
Diagnostics	
Port Statistics	Support
Copper Test	Support

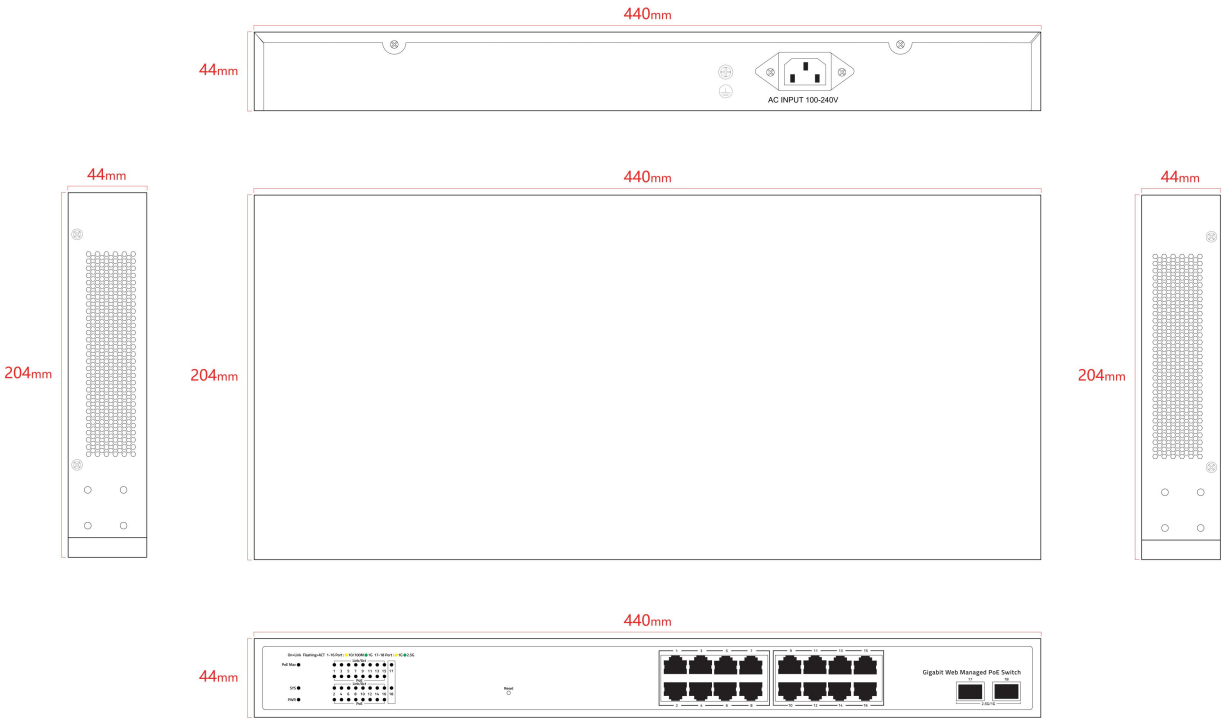
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Software Features

Description	Specification
Equipment Management	
Manager Access	HTTP
Manager IP	Static Address DHCP Client Manager VLAN DNS
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 802.1Q 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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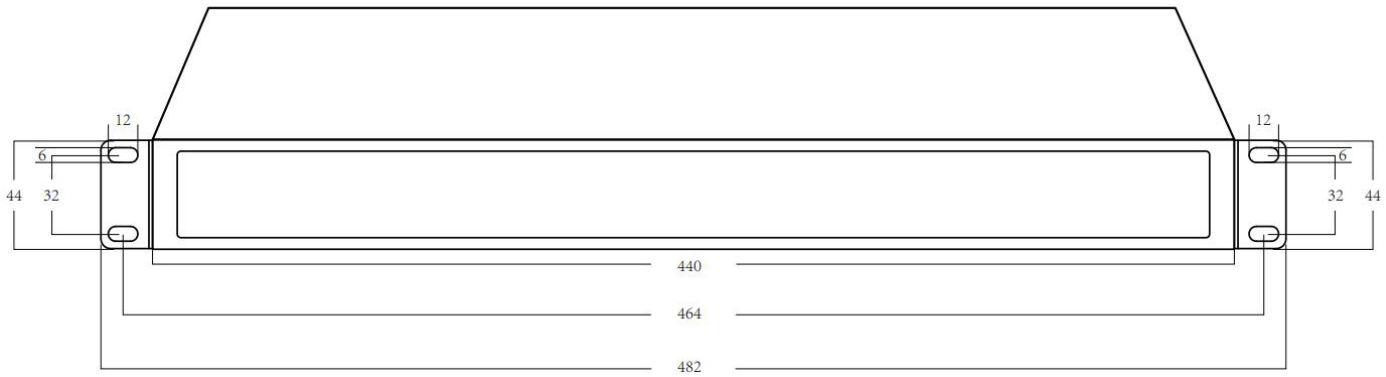
Product Structure Diagram



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Mounting ear diagram (Standard, support to install on the cabinet)
Unit of size: mm

Rack mounting ears



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