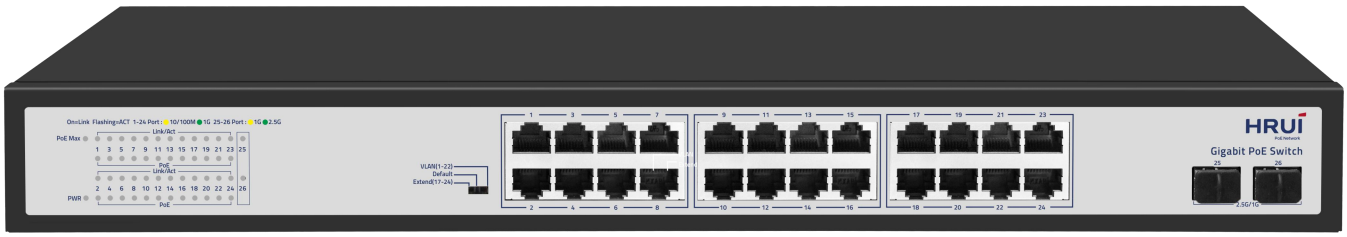
24-Port Gigabit and 2-Port 2.5G SFP PoE Switch



Product Highlights

- 24*1Gbps PoE ports+2*2.5Gbps SFP ports
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z
- Ethernet Ports support 10/100/1000Mbps self-adaptive
- Support automatic port flipping (Auto MDI/MDIX)
- Adopt a storage and forwarding exchange mechanism
- PoE ports automatically enable PoE watchdog mode in Extend and VLAN modes
- Support loop protection function
- The panel indicator LEDs will monitor the working status and assist in fault analysis
- Ports 1-2 support HiPoE 60W
- Support PoE priority to be enabled by default, with a priority order of 1-24

Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd

Hardware Features

Description	Specification
Model	HR200P-24T2MS-280
Interface	24*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	58Gbps
Packet Forwarding Rate	43.15Mpps
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 3-24 PoE power output <30W Ports 1-2 supports HiPoE 60W
PoE Power Budget	260W
Power Supply	AC 100-240V 50/60Hz DC 53.5V 5.2A
Mainboard Power Consumption	15.59W
Structure Information	Product Dimensions: 440*204*44mm Packaging Dimensions: 500*290*85mm Product Net Weight: 2.84KG Product Gross Weight: 3.42KG

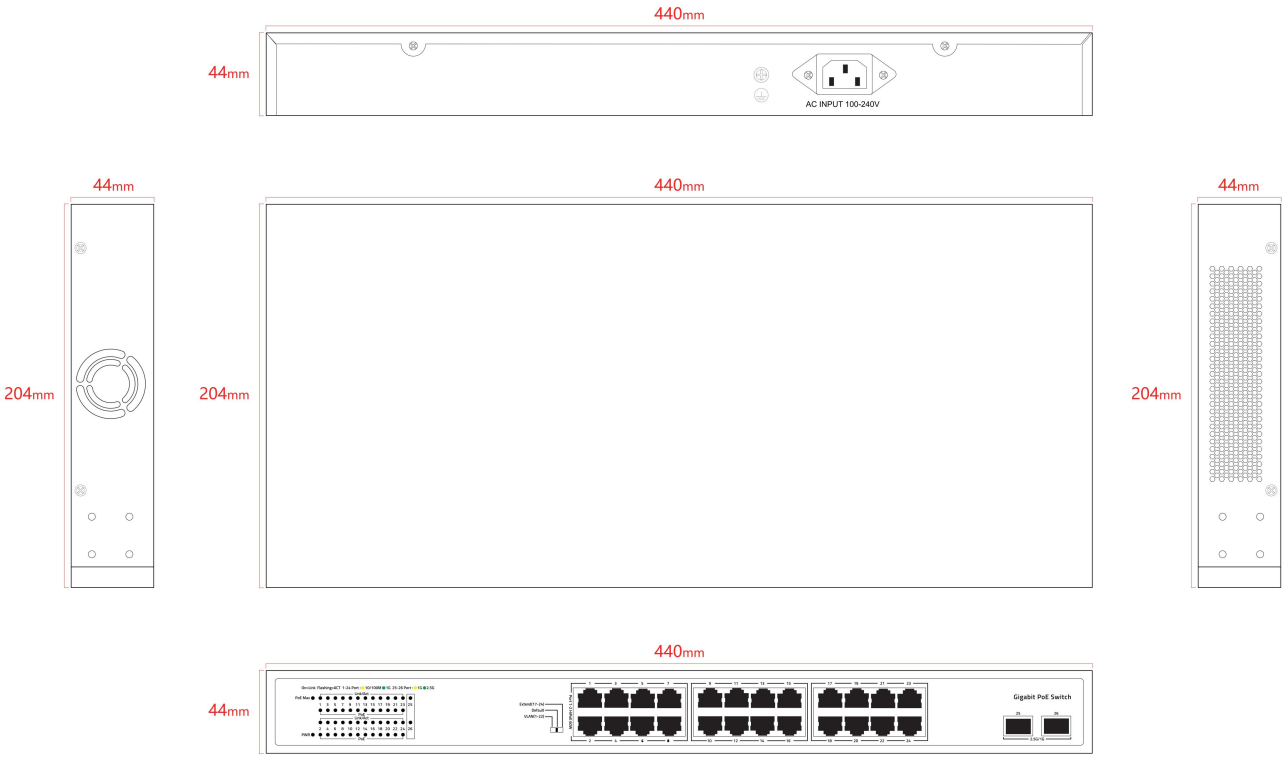
Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd

Hardware Features

Description	Specification
Packing Information	Carton Dimensions: 520*445*310mm Packing Quantity: 5PCS Packing Weight: 18.1KG
Package Contents	Switch 1pcs, Power Cord 1pcs, Manual 1pcs, Certificate of Inspection 1pcs, Rack-mounting kit 1pair
Fan Quantity	1
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
Ports 1-24	Green LED on: 1Gbps Link normal Yellow LED on: 10/100Mbps Link normal Off: Link blocked Flashing: Data transmitting Slow Flashing: When a local or cross-product loop is detected, the port will flash slowly
PoE Yellow LED	On: PoE powered on Off: PoE powered off
Ports 25-26	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%
VLAN/Default/Extend Modes Buttons	VLAN: VLAN mode, ports 1-22 are isolated from each other, communicating with ports 25-26, and automatically activate the PoE watchdog mode Default: Normal mode, all ports can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100//1000Mbps adaptive(PoE Watchdog off) Extend: Extend mode, when the PoE port is in Extend mode, ports 17-24 force 10Mbps to extend the transmission distance to 250meters, and automatically activate the PoE watchdog mode

Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd

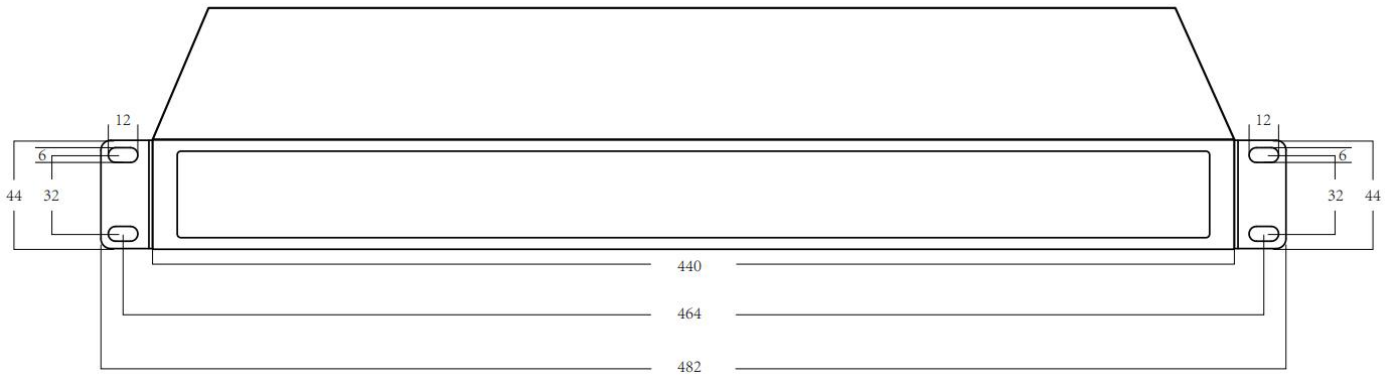
Product Structure Diagram



Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd

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

Rack mounting ears



Copyright © 2024 Shenzhen HongRui Technology Co.,Ltd