

24-Port 100Mbps and 3-Port Gigabit PoE Switch



Product Highlights

- 24 *100Mbps PoE ports+2 *1G RJ45 ports+1 *1G SFP port;
- Compliant with IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x, and IEEE802.3z standards;
- RJ45 port supports 10/100Mbps adaptation;
- When the PoE port is in Extend mode, ports 9-24 force 10Mbps to automatically activate the PoE watchdog mode;
- Support PoE priority to be enabled by default, with a priority order of 1-24
- Flow control method: IEEE 802.3x standard is used for full duplex, and Back pressure standard is used for half duplex;
- The panel indicator LED will monitor the working status and assist in fault analysis;
- Supports three modes: VLAN, Default, and Extend;
- 1 port supports 60W

Hardware Features

Description	Specification
Model	HR900-AF-2421GS-300
Interface	24*100Mbps PoE ports 2 *1G RJ45 ports 1 *1G SFP port
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE802.3x (Flow Control) IEEE 802.3z (Gigabit Ethernet Fiber Standard)
Bandwidth	10.8Gbps
Packet Forwarding Rate	8.03Mpps
Packet Buffer	768Kbit
MAC Address Table	2K
Transmission Method	Store and Forward
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W)
PoE Port Output Voltage	DC 44-57V
PoE Ports	Port 2-24 PoE power output <30W,Port 1 PoE power output 60W
PoE Power Budget	290W
Power Supply	AC 100-240V 50/60Hz DC 52V 5.76A
Mainboard Power Consumption	6.6W
Structure Information	Product Dimensions :320*207*45mm Packaging Dimensions : 370*290*85mm Product Net Weight:1.79KG Product Gross Weight:2.32KG
Packing Information	Carton Dimensions :445*310*390mm Packing Quantity: 5PCS Packing Weight: 12.6KG
Package Contents	Switch 1pcs, power cord 1pcs, manual 1pcs,certificate of qualification 1pcs, rack-mounting kit 1 pair
Fan Quantity	0

Installation Desktop,Rack-Mounting

Hardware Features

Description	Specification
Surge Protection	Port Surge: common mode 4KV, differential mode 2KV Electrostatic ESD: Air 8KV, Contact 6KV (Class B)
Operating Temperature	0~40°C
Storage Temperature	-40 °C to 70 °C
Operation Humidity	10%~90%,non condensing
Storage Humidity	5%~95%,non condensing
PWR Green LED	On: Powered on Off: Powered off
Mode Green LED	On:VLAN Flashing:Extend Off:Default
1-24 Green LED	On: 10/100M Link normal Off: Link blocked Flashing: Data transmitting
25-27 Green LED	On:10/100M/1G Link normal Off: Link blocked Flashing: Data transmitting
1-24 Yellow LED (PoE)	On: PoE powered on Off: PoE powered off
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 $90\% \leq P \leq 95\%$ On: Indicate that the PoE power is used at $95\% < P < 100\%$
PoE LED Buttons	Dual color LED selection: default green (link data), switch yellow LED (PoE)
VLAN/Default/Extend Modes Buttons	VLAN: Isolation mode, 1-24 ports isolated from each other, communicating with 25-27 ports, port PoE watchdog mode enabled Default: Normal mode, all interfaces can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100Mbps adaptive, port PoE watchdog mode is turned off Extend: Link extension mode,9-24 ports PoE power supply and data transmission distance can be extended to 250 meters, transmission speed is 10Mbps, port PoE watchdog mode is enabled

Product Structure Diagram

