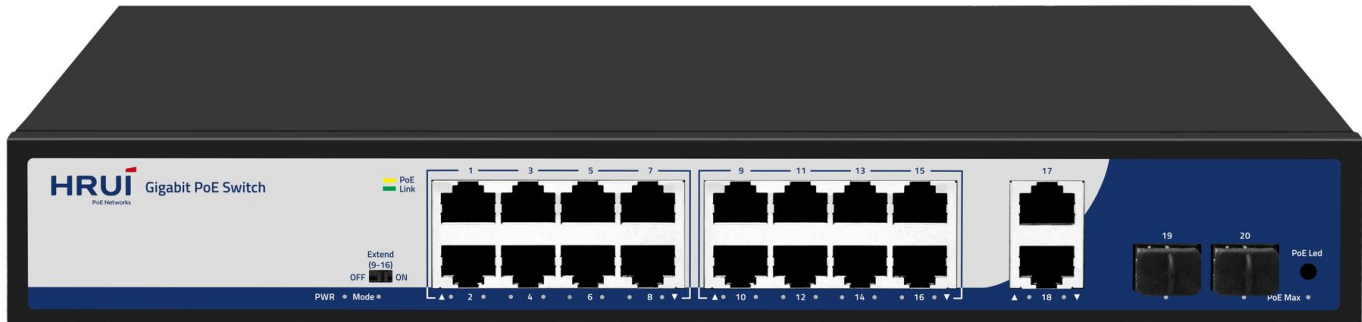# 20-Port Gigabit PoE Switch

Product Highlights

- 16 *1G PoE ports+2* 1G SFP ports+2* 1G RJ45 ports

- Complies with IEEE 802.3、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3x、IEEE802.3z standards

- RJ45 port supports 10M/100M/1G adaptation

- PoE port in Extend mode, 9-16 ports force 10Mbps to automatically activate PoE watchdog mode

- PoE priority is enabled by default, with priority order from 1 to 16 ports

- Flow control method: Full duplex uses IEEE 802.3x standard, while half duplex uses Back pressure standard

- The panel indicator LED will monitor the working status and assist in fault analysis

- Support Extend mode

- 1 port supports 60W

Hardware Features

Description	Specification
Model	HR900-AFG-1622S-200
Interface	16* 1G PoE ports 2 *1G uplink SFP ports 2* 1G RJ45 ports
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	40Gbps
Packet Forwarding Rate	29.76Mpps
Packet Buffer	3Mbit
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 1 PoE power output <60W,Port 2-16 PoE power output <30W
PoE Power Budget	185W
Power Supply	AC 100-240V 50/60Hz DC 52V 3.84A
Mainboard Power Consumption	6.7W
Structure Information	Product Dimensions :320*207*45mm Packaging Dimensions : 370*290*85mm Product Net Weight:1.78KG Product Gross Weight:2.28KG
Packing Information	Carton Dimensions :445*310*390mm Packing Quantity: 5PCS Packing Weight: 12.4KG
Package Contents	Switch 1pcs, power cord 1pcs, manual 1pcs,certificate of qualification 1pcs
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 C)
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
1-20 Green LED	On:10M/100M/1G Link normal Off: Link blocked Flashing: Data transmitting
1-16 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% ≤ P ≤ 95% On: Indicate that the PoE power is used at 95%<P<100%
PoE LED Buttons	Dual color light selection: default green (link data), switch yellow light (PoE)
Mode Green LED	Flashing:Extend on Off:Extend off
Extend Mode Button	OFF: Normal mode, all ports can communicate with each other, transmission distance is within 100 meters, transmission rate is 10M/100M/1G adaptive, and port PoE watchdog mode turned off; ON: Link extension mode, 9-16 ports data transmission distance can be extended to 250 meters,transmission speed is 10Mbps,and enable PoE watchdog mode on ports;

Product Structure Diagram

320mm

45mm

AC INPUT 100-240V

45mm

320mm

45mm

207mm

207mm

207mm

320mm

45mm

Gigabit PoE Switch