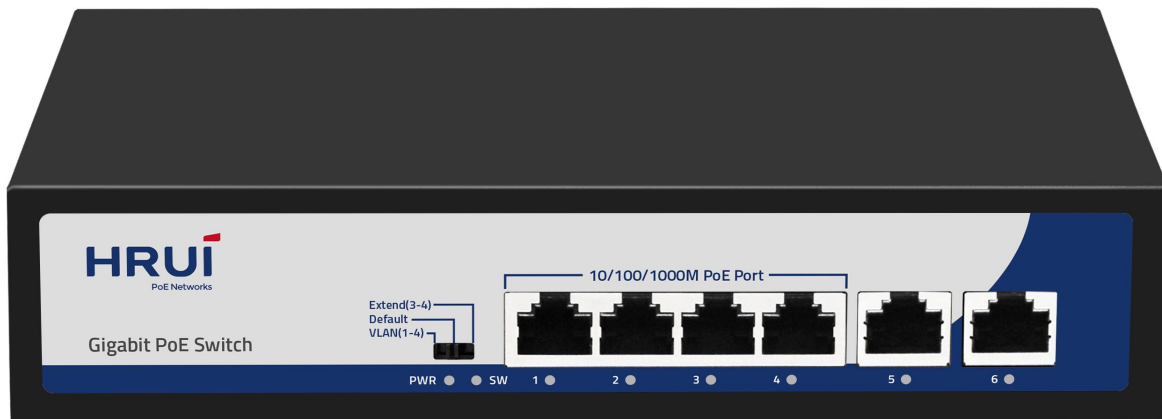# 6-Port Gigabit PoE Switch

Product Highlights

- 4* 1G PoE ports+2 *1G RJ45 port

- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, and IEEE 802.3x standards

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

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

- Supports automatic port flipping (Auto MDI/MDIX)

- Adopting a storage and forwarding exchange mechanism

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

- Supports VLAN, Default, and Extend modes

- Support PoE watchdog

Hardware Features

Description	Specification
Model	HR900-AFG-42N
Interface	4 *1G PoE ports 2* 1G RJ45 port
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE802.3x (Flow Control)
Bandwidth	12Gbps
Packet Forwarding Rate	8.928Mpps
Packet Buffer	1Mbit
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 1-4 PoE power output <30W
PoE Power Budget	60W
Power Supply	AC 100-240V 50/60Hz DC 52V 1.25A
Mainboard Power Consumption	3.7W
Structure Information	Product Dimensions :200*118*44mm Packaging Dimensions : 245*190*60mm Product Net Weight:0.61Kg Product Gross Weight:0.91Kg
Packing Information	Carton Dimensions :520*320*400mm Packing Quantity: 20PCS Packing Weight: 19.2KG
Package Contents	Switch 1pcs, power cord 1pcs, manual 1pcs,certificate of qualification 1pcs
Fan Quantity	0
Installation	Desktop

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 Red LED	On: Powered on Off: Powered off
SW Green LED	On:VLAN Flashing:Extend Off:Default
1-6 Green LED	On:10M/100M/1G Link normal Off: Link blocked Flashing: Data transmitting
VLAN/Default/Extend Modes Buttons	VLAN: Isolation mode, 1-4 ports isolated from each other, communicating with 5-6 ports,and enable PoE watchdog mode on ports; Default: Normal mode, all interfaces 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; Extend: Link extension mode, 3-4 ports data transmission distance can be extended to 250 meters, transmission speed is 10Mbps,and enable PoE watchdog mode on ports;

Product Structure Diagram

200mm

44mm

AC INPUT
100-240V

44mm

200mm

44mm

118mm

118mm

118mm

200mm

44mm

Gigabit PoE Switch

10/100/1000M PoE Port

Extend(3-4)
Default
VLAN(1-4)

PWR ● ● Mode 1 ● 2 ● 3 ● 4 ● 5 ● 6 ●