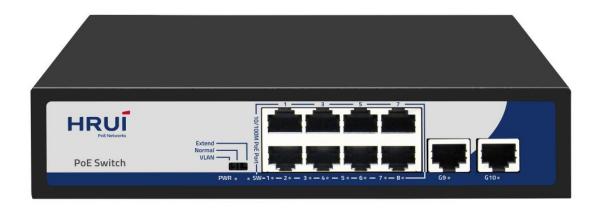
# 8-Port 100Mbps and 2-Port Gigabit PoE Switch



#### **Product Highlights**

- 8\* 100Mbps PoE ports and 2\* 1G uplink RJ45 port
- Complies with IEEE 802.3, IEEE 802.3u, and IEEE 802.3x standards
- RJ45 port supports 10/100Mbps adaptive
- PoE port automatically activates PoE watchdog mode in VLAN and Extend modes
- Flow control method: Full duplex uses IEEE 802.3x standard, while half duplex uses Back pressure standard
- Supports automatic port flipping (Auto MDI/MDIX)
- The panel indicator LED will monitor the working status and assist in fault analysis
- Supports three modes: VLAN, Default, and Extend



### **Hardware Features**

Interface  8* 100Mbps PoE ports 2* 1G uplink RJ45 port    EEE802.3 (Ethernet)     IEEE802.3 (Flow Control)   EEE802.3 (Flo	Description	Specification
Interface  2* 1G uplink RJ45 port  IEEE802.3 (Ethernet) IEEE802.3 (Fast Ethernet) IEEE802.3 (Flow Control)  Bandwidth  5.6Gbps  Packet Forwarding Rate  4.166Mpps  Packet Buffer  1Mbit  MAC Address Table  2K  Transmission Method  Store and Forward IEEE802.3 (15.4W) IEEE802.3 (15.4W) IEEE802.3 (15.4W) IEEE802.3 (15.4W) IEEE802.3 (15.4W) IEEE802.3 (15.4W) PoE Port Output Voltage  DC 44-57V  PoE Ports  Port 1-8 PoE power output <30W  PoE Power Budget  115W  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  Power Supply  AC 100-240V 50/60Hz DC 52V 2:3A  Mainboard Power Consumption  2.3W  Product Dimensions: 220°118'44mm Packaging Dimensions: 220*118'44mm Packaging Dimensions: 2245'190'60mm Product Fors Weight: 0.8 KG Product Fors Weight: 0.9 KG Packing Unentity: 20PCS Packing Weight: 19.6 KG  Package Contents  Switch 1pcs, power cord 1pcs, manual 1pcs,certificate of qualification 1pcs Fan Quantity  0	Model	HR900-AF-82GN
Port Standard   IEEE802.3u (Fast Ethemet)   IEEE802.3v (Flow Control)	Interface	
Packet Forwarding Rate  4.166Mpps  Packet Buffer  1Mbit  MAC Address Table  2K  Transmission Method  Store and Forward  IEEE802.3af (15.4W) IEEE802.3af (15.4W) IEEE802.3af (30W)  PoE Port Output Voltage  DC 44-57V  PoE Ports  Port 1-8 PoE power output <30W  PoE Power Budget  115W  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  AC 100-240V 50/60Hz DC 52V 2.3A  Mainboard Power Consumption  2.3W  Product Innews Weight: 0,82 KG Product Olimensions: 200*118*44mm Packaging Dimensions: 200*118*0*60mm Product Net Weight: 0,62 KG Product Gross Weight: 0,93 KG  Carton Dimensions: 520*320*400mm Packing Quantity: 20PCS Packing Weight: 19.6KG  Package Contents  Switch 1pcs, power cord 1pcs, manual 1pcs, certificate of qualification 1pcs  Fan Quantity  0	Port Standard	IEEE802.3u (Fast Ethernet)
Packet Buffer 1Mbit  MAC Address Table 2K  Transmission Method Store and Forward  IEEE802.3af (15.4W) IEEE802.3af (30W)  PoE Standard IEEE802.3af (30W)  PoE Port Output Voltage DC 44-57V  PoE Ports Port 1-8 PoE power output <30W  PoE Power Budget 115W  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  AC 100-240V 50/60Hz DC 52V 2.3A  Mainboard Power Consumption 2.3W  Structure Information Product Dimensions: 200*118*44mm Packaging Dimensions: 245*190*60mm Product Net Weight: 0.62 KG Product Sors Weight: 0.93 KG  Carton Dimensions: 520*320*400mm Packing Unantity: 20PCS Packing Weight: 19.6KG  Package Contents Switch 1pcs, power cord 1pcs, manual 1pcs, certificate of qualification 1pcs  Fan Quantity 0	Bandwidth	5.6Gbps
MAC Address Table 2K  Transmission Method Store and Forward  PoE Standard IEEE802.3af (15.4W) IEEE802.3af (30W)  PoE Port Output Voltage DC 44-57V  PoE Ports Port 1.8 PoE power output <30W  PoE Power Budget 115W  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  AC 100-240V 50/60Hz DC 52V 2.3A  Mainboard Power Consumption 2.3W  Product Dimensions: 200*118*44mm Packaging Dimensions: 245*190*60mm Product Net Weight: 0.62 KG Product Gross Weight: 0.93 KG  Carton Dimensions: 520°320*400mm Packing Quantity: 20PCS Packing Weight: 19.6KG  Package Contents Switch 1pcs, power cord 1pcs, manual 1pcs, certificate of qualification 1pcs  Fan Quantity 0	Packet Forwarding Rate	4.166Mpps
Transmission Method  Store and Forward  PDE Standard  PDE Standard  POE Port Output Voltage  DC 44-57V  POE Port Port Ports  Port 1-8 POE power output <30W  POE Power Budget  115W  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  AC 100-240V 50/60Hz  DC 52V 2.3A  Mainboard Power Consumption  Structure Information  Product Dimensions: 245*190*60mm Product Net Weightlo.62 KG Product Gross Weight: 0.93 KG  Carton Dimensions: 520°320*400mm Packing Quantity: 20PCS Packing Weight: 19.6KG  Package Contents  Switch 1pcs, power cord 1pcs, manual 1pcs, certificate of qualification 1pcs  Fan Quantity  0	Packet Buffer	1Mbit
PoE Standard    IEEE802.3af (15.4W)   IEEE802.3af (30W)     PoE Port Output Voltage   DC 44-57V     PoE Ports   Port 1-8 PoE power output <30W     PoE Power Budget   115W     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     Power Supply   AC 100-240V 50/60Hz     DC 52V 2.3A     Mainboard Power Consumption   2.3W     Product Dimensions: 200*118*44mm     Packaging Dimensions: 245*190*60mm     Product Net Weight: 0.62 KG     Product Gross Weight: 0.93 KG     Packing Information   Carton Dimensions: 5200*20*400mm     Packing Quantity: 20PCS     Packing Weight: 19.6KG     Package Contents   Switch 1pcs, power cord 1pcs, manual 1pcs, certificate of qualification 1pcs     Fan Quantity   0	MAC Address Table	2K
PoE Port Output Voltage  DC 44-57V  PoE Ports  Port 1-8 PoE power output <30W  PoE Power Budget  115W  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  AC 100-240V 50/60Hz DC 52V 2.3A  Mainboard Power Consumption  Structure Information  Product Dimensions: 200*118*44mm Packaging Dimensions: 245*190*60mm Product Net Weight: 0.62 KG Product Gross Weight: 0.93 KG  Carton Dimensions: 520*320*400mm Packing Quantity: 20PCS Packing Weight: 19.6KG  Package Contents  Switch 1pcs, power cord 1pcs, manual 1pcs, certificate of qualification 1pcs  Fan Quantity  0	Transmission Method	Store and Forward
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Operation Humidity Storage Humidity 5%~95%,non condensing  AC 100-240V 50/60Hz DC 52V 2.3A  Mainboard Power Consumption  Structure Information  Packing Information  Package Contents  Switch 1pcs, power cord 1pcs, manual 1pcs,certificate of qualification 1pcs  Fan Quantity  0	Operating Temperature	0~40°C
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Structure Information  Packaging Dimensions: 245*190*60mm Product Net Weight:0.62 KG Product Gross Weight:0.93 KG  Carton Dimensions: 520*320*400mm Packing Quantity: 20PCS Packing Weight: 19.6KG  Package Contents  Switch 1pcs, power cord 1pcs, manual 1pcs,certificate of qualification 1pcs  Fan Quantity  0	Mainboard Power Consumption	2.3W
Packing Information Packing Quantity: 20PCS Packing Weight: 19.6KG  Package Contents Switch 1pcs, power cord 1pcs, manual 1pcs,certificate of qualification 1pcs  Fan Quantity 0	Structure Information	Packaging Dimensions : 245*190*60mm Product Net Weight:0.62 KG
Fan Quantity 0	Packing Information	Packing Quantity: 20PCS
	Package Contents	Switch 1pcs, power cord 1pcs, manual 1pcs,certificate of qualification 1pcs
Installation Desktop	Fan Quantity	0
	Installation	Desktop



### **Hardware Features**

Description	Specification
PWR Green LED	On: Powered on Off: Powered off
SW Green LED	On:VLAN Flashing:Extend Off:Normal
1-8 Green LED	On:10/100M Link normal Off: Link blocked Flashing: Data transmitting
9-10 Green LED	On:10M/100M/1G Link normal Off: Link blocked Flashing: Data transmitting
VLAN/Normal/Extend Modes Buttons	VLAN: Isolation mode, 1-8 ports isolated from each other, communicating with 9-10 ports, and enable PoE watchdog mode on ports;  Normal: Normal mode, all interfaces can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100Mbps adaptive, and port PoE watchdog mode turned off;  Extend: Link extension mode,1-8 ports data transmission distance can be extended to 250 meters, transmission speed is 10Mbps,and enable PoE watchdog mode on ports;



## **Product Structure Diagram**





