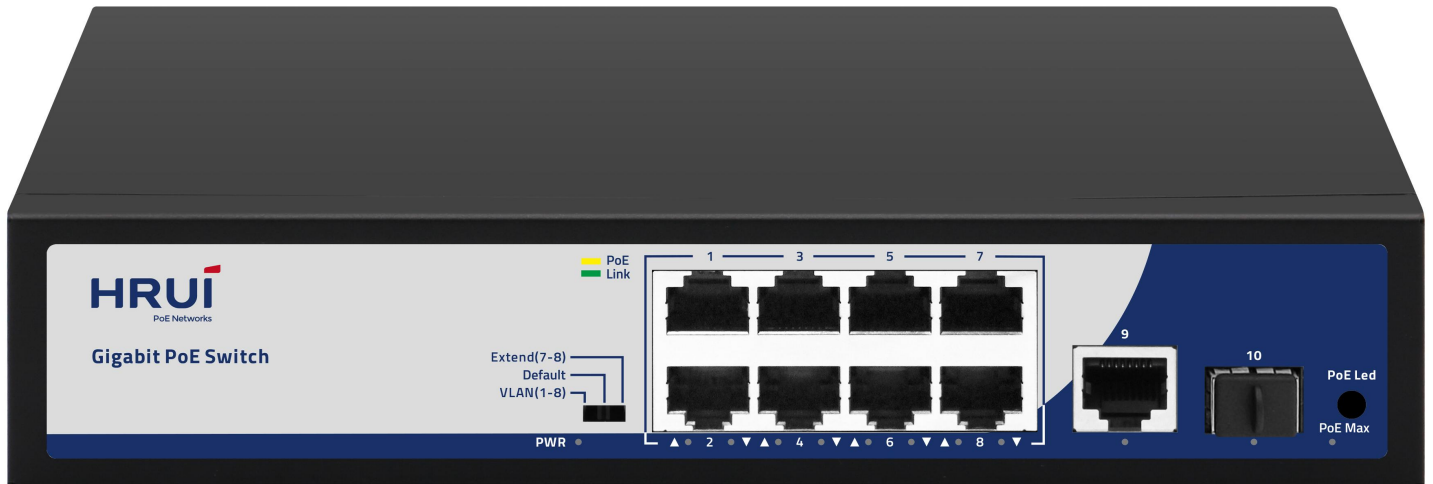**HRUI**

9-Port 1G and 1-Port 1G SFP PoE Switch

Product Highlights

■ 8* 1G PoE ports+1 *1G uplink port+1 *1G SFP port

■ Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, and IEEE 802.3x standards

■ RJ45 port supports 10M/100M/1G 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

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

■ Supports 1-8 port PoE power supply priority, with ports in the top priority being higher

Hardware Features

Description	Specification
Model	HR-AFG-811NS
Interface	8* 1G PoE ports 1* 1G uplink port 2*1G SFP port
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (1000Mbps Ethernet) IEEE802.3x (Flow Control)
Bandwidth	20Gbps
Packet Forwarding Rate	14.88Mpps
Packet Buffer	4Mbit
MAC Address Table	8K
Transmission Method	Store and Forward
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W)
PoE Port Output Voltage	DC 44-57V
PoE Ports	Port 1-8 PoE power output <30W
PoE Power Budget	140W
Surge Protection	Surge protection: common mode 4KV
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 2.88A
Mainboard Power Consumption	6.7W
Structure Information	Product Dimensions :220*161*44mm Packaging Dimensions : 315*215*85mm Product Net Weight: 1.03KG Product Gross Weight:1.37KG
Packing Information	Carton Dimensions :445*445*335mm Packing Quantity: 10PCS Packing Weight: 14.7KG
Security certification	CE、RoHS

Hardware Features

Description	Specification
Package Contents	Switch 1pcs, power cord 1pcs, manual 1pcs,certificate of qualification 1pcs
Fan Quantity	0
Installation	Desktop
PWR LED	Green LED On: Powered on Green LED Off: Powered off
1-8 LED	Green LED On: 10M/100M/1G link connection is normal Green LED Off: Link locked Yellow LED On: PoE powered on Yellow LED Off: PoE powered off Flashing: Data transmission
9 LED	Green LED On: 10M/100M/1G link connection is normal Green LED Off: Link locked Flashing: Data transmission
10 SFP LED	Green LED On: 1G link is normal Green LED Off: Link locked: Flashing: Data transmission
PoE Max LED	Green LED On: indicates PoE power usage is less than 90% Flashing: indicates PoE power usage of 90% ≤ P ≤ 95% Green LED Off: indicates that PoE power is used at 95%<P<100%
PoE LED Buttons	Dual color light selection: default green (link data), switch yellow light (PoE)
VLAN/Default/Extend Modes Buttons	VLAN: Isolation mode, 1-8 ports isolated from each other, communicating with 9-10 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 10/100/1000Mbps adaptive, port PoE watchdog mode is turned off Extend: Link extension mode,7-8port 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

220mm

44mm

AC INPUT 100-240V

44mm   220mm   44mm

161mm   161mm   161mm

220mm

44mm

Gigabit PoE Switch

PoE
Link

Extend(7+8)
Default
VLAN(1+8)

PWR

1 3 5 7

9   10   PoE Led

PoE Max

2 4 6 8