

## HR901-AFG-82NS--10/100/1000M 10Ports PoE Switch



- ◆ 8\*10/100/1000M PoE Ports + 2\*1000M SFP Port ;
- ◆ Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3af/at standards;
- ◆ Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w);
- ◆ Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard;
- ◆ Support port auto flip (Auto MDI/MDIX);
- ◆ Exchange mechanism using store-and-forward;
- ◆ All ports support wire-speed switching;
- ◆ Automatically supplied to adaptive devices;
- ◆ Panel indicator monitoring status and help failure analysis.

### ● Product Description

10-Ports 10/100/1000M PoE Switch with 8\*10/100/1000M PoE Ports + 2\*1000M SFP Port, using high-quality high-speed network IC and the most stable POE chip, POE port meets 802.3af / 802.3at standard, this series of PoE Switch can be 10/100M Ethernet The network provides a seamless connection, and the PoE power port can automatically detect and power the powered devices that comply with the IEEE802.3af / IEEE802.3at standards. The non-POE device intelligently detects no power and only transmits data.

PoE (Power over Ethernet) refers to the technology of providing dc Power supply to some IP-based terminals (such as IP telephone, wireless access AP, network camera, etc.) while transmitting data signals. These devices receiving dc Power supply are called receiving devices.

With simple and convenient installation and maintenance methods and rich business features, it helps users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and residential broadband; it can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.

### ● Application Environment

1. Metropolitan area fiber broadband network: telecommunications, cable TV, network system integration, etc., according to network operators
2. Broadband private network: suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries
3. Multimedia transmission: integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications
4. Real-time monitoring: simultaneous transmission of real-time control signals, images and data

● Physical Pic Reference



● Dimension(270mm\*180mm\*45mm, Net Weight: 1.1kg/unit)



● Package Dimension(312mm\*262mm\*84mm, Gross Weight:1.7kg/unit)



## ● Order Information

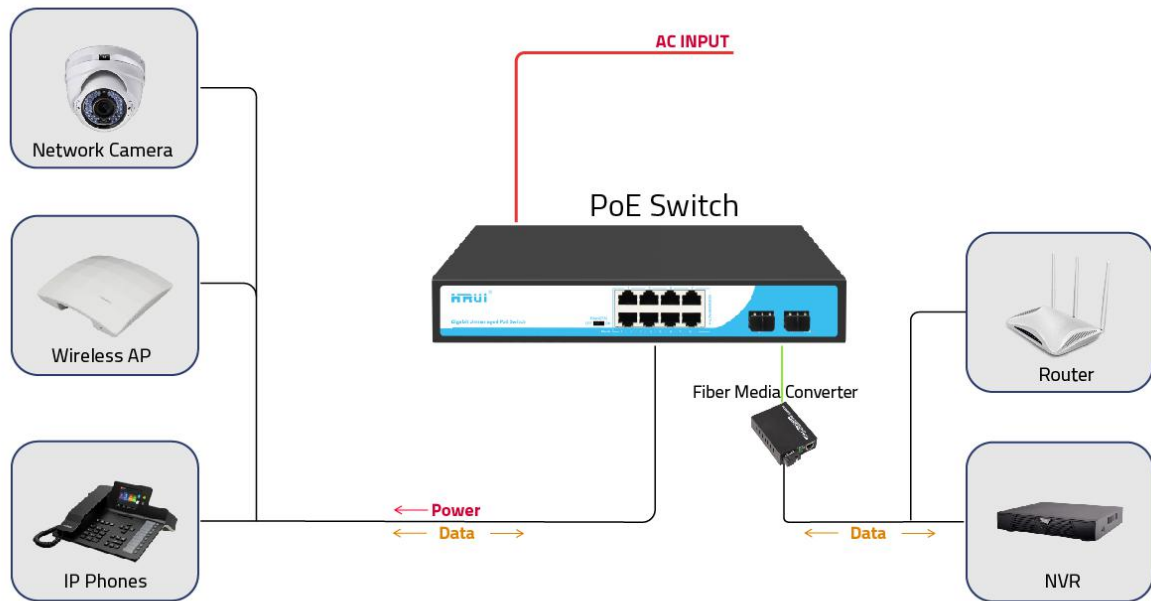
**Product:** HR901-AFG-82NS

**Description:** 10-Ports 10/100/1000M PoE Switch with 8\*10/100/1000M PoE Ports + 2\*1000M SFP Port, IEEE 802.3af / IEEE802.3at;  
PoE Power Output: 15.4Watts / 30Watts each port. Total power budget 120 Watts.

## Accessories in the Package:

Package Contents	10-Ports 10/100/1000M PoE Switch (HR901-AFG-82NS) * 1pcs
	AC Adapter * 1pcs
	User Guide * 1pcs
	Warranty Card * 1pcs

## ● Physical Application Reference



### ● Technical parameter list

Product Name	10-Ports 10/100/1000M PoE Switch
Model	HR901-AFG-82NS
Connector Type	8 Ports 10/100/1000M PoE + 2 Port 1000M SFP Uplink
Network Protocols	IEEE802.3 IEEE802.3u IEEE802.3ab IEEE802.3x IEEE802.3z
PoE Parameters	PoE Standard: IEEE802.3af /IEEE802.3at Max each port: 15.4W ( IEEE 802.3af ) Max each port: 30W ( IEEE 802.3at ) PoE compatibility: IEEE 802.3af/at adaptive PoE port output: DC48-55V Power Pin : Power over spare pairs 1/2(+), 3/6 (-)

Shenzhen Hong Rui Optical Technology Co., Ltd

Network Media	10BASE-T: Cat3,4,5 UTP( $\leq 100$ meter) 100BASE-T: Cat 5 UTP( $\leq 100$ meter) 1000BASE-TX: Cat5 or more UTP ( $\leq 100$ meter)	
Optical	MultiMode Fiber: 850nm, 1310nm, Transmission Distance: 550m/2Km Single-Mode Fiber: 1310nm, 1550nm, Transmission Distance: 20/40/60/80/100/120km	
Performance Specification	Bandwidth: 20Gbps	
	MAC Address: 2K	
	Packet Buffer Memory: 2M	
	Packet Forwarding Rate: 14.88Mpps	
	Forwarding Mode: Store-And-Forward	
Power Supply	Input Voltage: AC100-240V Output: 52V2.3A, Power Budget: 120W	
Led indicator	PWR	Lighting: Powered Un-Light: No Power
	SW	Flashing: Extend Mode Un-Light: Sharing Mode
	1-10	Slow Flash: Connect Flashing: Data Transmit Un-Light: Disconnect
Working Environment	Operating Temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ; Storage Temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ ; Operating Humidity: Max 90%, non-condensing Storage Humidity: Max 95%, non-condensing Working Height: Max to 10,000 feet (3,000 meters) Storage Height: Max to 10,000 feet (3,000 meters)	
Physical Parameter	Product Dimension (L*W*H): 268mm*181mm*44mm Package Dimension (L*W*H): 312mm*262mm*84mm N.W: 1.1KG G.W: 1.7KG	

Packing Info	Carton MEAS: 540*435*332mm Packing Qty: 10 units Packing Weight: 18KG
Package Contents	1.Ethernet Switch: 1 unit 2.User Guide: 1 unit 3.Warranty Card: 1 unit 4.Power Cord: 1unit 5. Power Adapter: 1 units
MTBF	100,000 hours
Certification	CE ,RoHS, FCC, CCC
Warranty	2 years