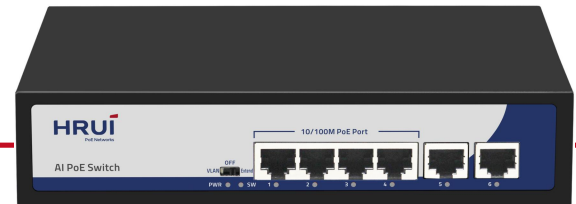


6 Ports 10/100M AI PoE Switch

HR900-AF-42N



www.hruitech.com



CE FC RoHS

6-Ports 100M AI PoE Switch , using high-quality high-speed network IC and the most stable POE chip, POE port support 802.3af and 802.3at standard both, this series of POE switches 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 or IEEE802.3at standards. The non-POE device intelligently detects no power and only transmits data.

POE is Power Over Ethernet, which refers to the transmission of data signals to some IP-based terminals (such as IP phones, wireless access AP, network cameras, etc.), but also provides DC power for this device. These devices that receive DC power are called powered 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.

Main Feature

- 4*10/100M POE Ports + 2* 10/100M Ethernet Uplink Ports;
- Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE802.3af/at standards;
- Ethernet Port supports 10/100M adaptive and POE functions;
- Support port auto flip (Auto MDI/MDIX);
- Panel indicator monitoring status and help failure analysis;
- Support VLAN Mode (Port Isolation), Default Mode and Extend Mode (250meters);
- Support AI POE Watchdog Function;
- Support Wall Mount installation.

Application Environment

Metropolitan Optical Broadband Network

Telecommunications, cable TV, network system integration, etc., according to network operators

Broadband Private Network

Applicable to industry, finance, government, petroleum, railway, electric power, public security, transportation, education, etc.

Multimedia Transmission

Comprehensive transmission of images, voice, data, suitable for remote teaching, conference TV, videophone and other applications

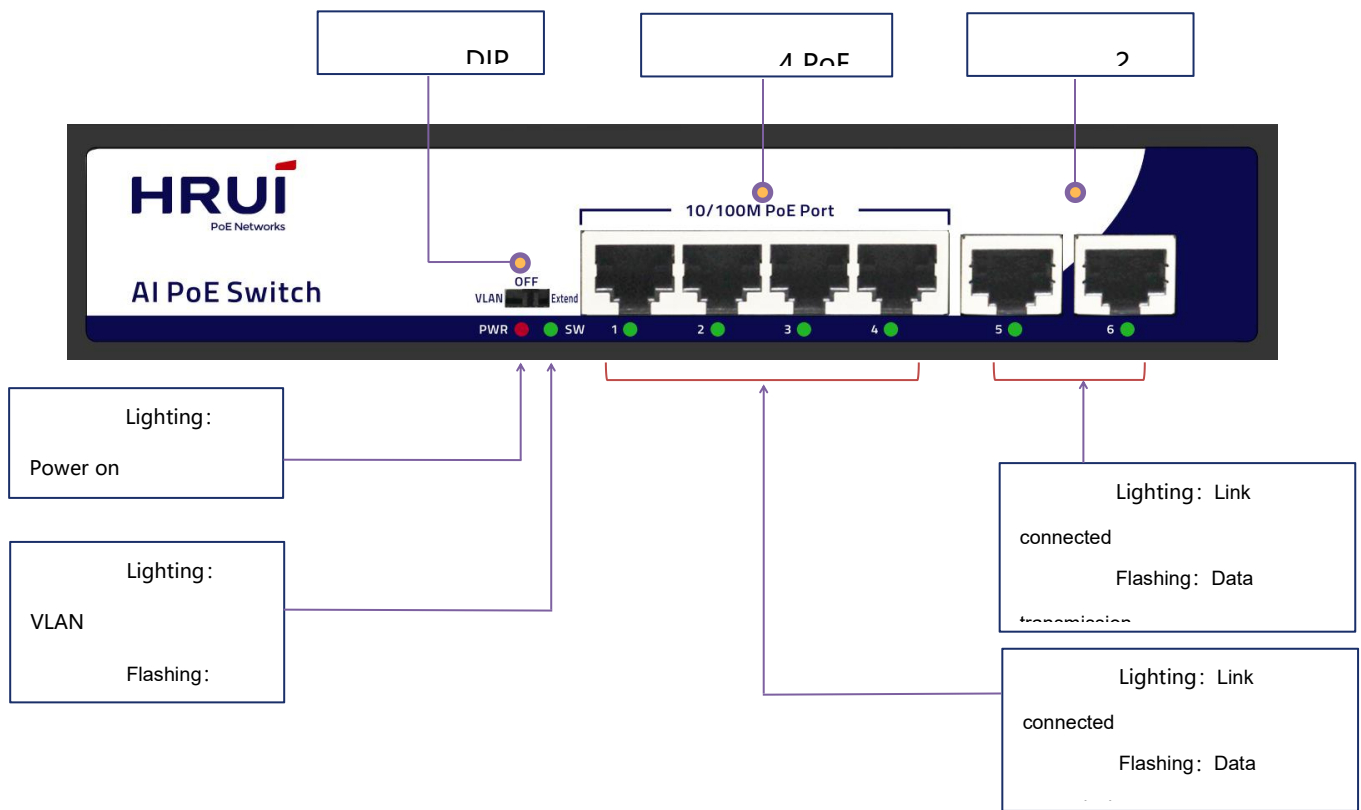
Real-time monitoring

Simultaneous transmission of real-time control signals, images and data

General Parameter	
Product Name	6 Ports 10/100M AI PoE Switch
Product Model	HR900-AF-42N
System Architecture	4*10/100M POE Ports 2*10/100M Ethernet Uplink Ports
Network Protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3x (Flow Control)
POE Parameter	PoE Standard: IEEE 802.3af / at
	Single PoE Port Power Output: Max: 15.4W (IEEE 802.3af) Max: 30W (IEEE 802.3at)
	PoE Compatibility: IEEE 802.3af / at adaptive
	PoE Power Output: DC 52V
	PoE Power Pin: 1/2+ ; 3/6-
DIP	VLAN Function: (Port isolation mode). In this mode, the PoE ports (1-4) of the switch cannot communicate with each other, and can only communicate with the Uplink port, to protect the internal network.
	Default: (Normal mode), all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100M adaptive; The port AI mode is closed
	Extend Function: (250meters mode), 1-4 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M
Network Medium	10Base-T : Cat3,4,5 or above UTP(≤100m) 100Base-TX : Cat5 or above UTP(≤100m)
Power Supply	Power input: AC 100-240V Output: 52V1.25A Power Budget: 65W
Power Consumption	Switch: 3W

Physical Dimension	Product Size: 200*118*44mm Package Size: 245*190*60mm Product Net-Weight: 0.6kg Product Gross-Weight: 0.9kg
Packing Info	MEAS: 505*320*400mm Packing Qty: 20 unit Packing weight: 19 KG
Working Environment	Working Temperature: -10~50° C Storage Temperature: -40~85° C Working Humidity : 10%~90%, non-condensing Storage Temperature: 5%~95%, non-condensing Working Height: Maximum10,000 feet Storage Height: Maximum 10,000 feet
Packing List	1.PoE Switch: 1 unit 2.User Guide: 1 unit 3.Warranty Card: 1 unit 4.Power Cord: 1unit 5.Wall Mount: 1 pair
MTBF	100,000 hours
Certification	CE, FCC,RoHs,CCC
Technical Indicators	
Bandwidth	1.2Gbps
Packet Forwarding rate	0.8928Mpps
Packet Buffer Memory	448K
MAC	1K
Jumbo frame	2Kbytes
Forwarding Mode	Store-And-Forward

Dimension



Application

