

6 ports 10M/100M intelligence standard POE Switch

【Product Description】

6-port 100M Ethernet Power Switch (POE Switch) , using high-quality high-speed network IC and the most stable POE chip,The switch incorporates the latest AI function, with two port priorities, POE priority and network priority, one-click intelligence. POE port support 802.3af and 802.3at standard both, add power occupancy indicator light to quickly know the overall power consumption of the product.This series of POE Switch provide seamless connectivity for 10/100M Ethernet, 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.

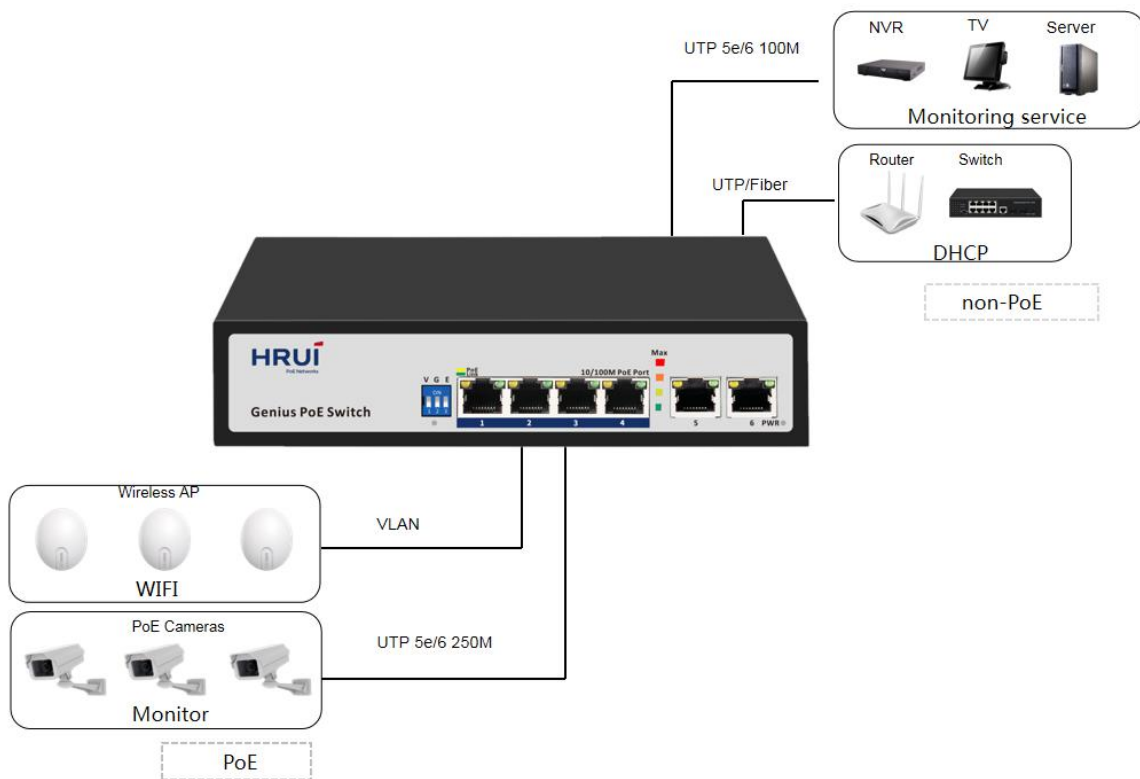
【Main features】

- 4*10/100M POE ports + 2* 10/100M Ethernet Uplink ports
- Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3af/at standards
- Ethernet port supports 10/100M adaptive and POE functions
- 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
- 4-speed power occupancy ratio display light board
- Zero configuration feature, automatically supplied to adaptive devices
- Panel indicator monitoring status and help failure analysis
- With three-speed one-click smart dial switch, support VLAN, Genius PoE, Extend three modes
- Support 2048 (Bytes)
- Supports serial port POE priority, the front port has higher priority than the later port.
- Support link monitoring, abnormal self-test and recovery
- Support port Surge Protection: Common mode 4KV; ESD 8KV, Contact 6KV

【Application Environment】

- ◆ Metro Optical Broadband Network: Data network operators such as telecommunications, cable TV, and network system integration,etc.
- ◆ Broadband private network: suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries
- ◆ Multimedia transmission: integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications
- ◆ Real-time monitoring: simultaneous transmission of real-time control signals, images and data

【Connection schematic diagram】



【Technical indicators】

General parameter	
Product name	6 ports 10M/100M intelligence standard POE Switch
Model	HR100-AF-42N
Connector Type	4*10/100M POE ports + 2* 10/100M Ethernet Uplink ports
Network Protocols	IEEE802.3 IEEE802.3u IEEE802.3x
	POE Standard: IEEE802.3at (30W) and IEEE802.3af (15.4w)

POE Parameters	Each port Max : 15.4 W (IEEE 802.3af) Each port Max : 30 W (IEEE 802.3at)					
	POE compatibility : IEEE 802.3af/at adaptive					
	POE port output : DC 52V					
	POE power supply core : 1/2+ ; 3/6-					
Dail-up	<p>1. VLAN : The 1-4 port can be isolated from each other in the monitoring network, and communicate with the 5 and 6 uplink port to protect the internal network.</p> <p>2. Genius POE:The port at the front of the sequence is first powered by POE, and the POE watchdog is started at the same time. Remote reset of the camera is supported when the video screen is interrupted</p> <p>3. Extend: The 1-4 port to achieve extended network cable transmission distance of 250 meters</p>					
Network Media	10Base-T: 3 (Cat3) or more UTP/STP(≤100m) 10Base-T:6 (Cat6) or more UTP/STP(≤250m) 100Base-TX: 5 (Cat5) or more UTP/STP(≤100m)					
Power Supply	Power input : AC 100-240V Output : 52V1.25A Power Budget : 65W					
LED indicator	PWR (Power supply indicator Red)	Lighting: Powered Un-Light: No Power				
	Mode (DIP indicator Green)	V	G	E	Status	Mode
		down	down	down	Turn off	Standard Switching
		down	up	down	Turn off	PoE Watchdog
		down	down	up	Flashing Slowly	Extend
		down	up	up	Flashing Slowly	Extend+PoE Watchdog
		up	down	down	Lighting	VLAN
		up	up	down	Lighting	VLAN+PoE Watchdog
		up	down	up	Flashing Quickly	VLAN+Extend
		up	up	up	Flashing Quickly	Extend+VLAN+PoE Watchdog
	1-6 (Green)	Lighting: Connecting Flashing: Data Transmit Un-Light: Disconnect				
1-4 (Yellow)	Lighting : POE power Un-Light: No POE power					

Working Environment	Operating Temperature: -20℃ ~ 50℃; Storage Temperature: -40℃ ~ 85℃; 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) : 200mm*120mm*45mm Package Dimension (L*W*H) : 245mm*190mm*60mm N.W : 0.6kg G.W : 0.9kg
Package Contents	1.Ethernet Switch: 1 unit 2. Power Cord: 1unit 3. User Guide: 1 unit 4.Certificate warranty card : 1unit 5.Wall Mount: 1 pair (optional)
Certification	CE、FCC、CCC、RoHS
MTBF	100,000 hours
Warranty	2 years warranty
Hardware parameter	
Bandwidth	1.2Gbps
Package Forwarding Rate	0.9Mpps
Cache	448K
MAC address	1K
Forwarding mode	Store-and-forward

【Order Information】

Product	Description
HR100-AF-42N	4 * 10/100 POE Switch + 2 * 10/100M Ethernet Uplink ; af/at

【Product Rendering】

