6 ports 10M/100M intelligent Industrial POE Switch

【Production Description】

HR500-AF-42 intelligent industrial Ethernet Switch,support 4*10/100M POE ports and 2* 10/100M Uplink Ethernet ports,support DIN-Rail & Wall mounts,support power supply input (DC48-55V), working temperature -40℃~ +75℃, It has passed the industrial environment certification and complies with FCC and CE standards. The reliable industrial design can ensure that your automation system runs without interruption and stability.

This series of industrial POE switches can be widely used in wind, electricity, assembly automation, subway PIS, power SCADA, sewage treatment, metallurgy, intelligent transportation, rail transportation, military and other industries,is a green low power industrial Ethernet switch.

【Main feature】

1.Support 4*10/100M POE ports and 2*10/100M Uplink Ethernet port

2. Support IEEE802.3、IEEE802.3u，IEEE802.3x，IEEE802.3af/at，store and forward

3. Compatible with both IEEE802.3at（30W）and IEEE802.3af（15.4w）

4. IP40 protect grade, high strength iron shell, DIN35 Rail installation

5. Industrial grade 4 design, -40 to 75°C working temperature.

6. Support redundant power supply, support anti reverse.

7. Support VLAN，Extend，Standard swapping，VLAN+Extend four modes，one-click smart dial switch.

8. Surge Protection: General 6KV, Differential 4KV; ESD 15KV(Air), 8KV (Contact)

9. Comply with EMC EN55032 standard

【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

◆Resistant to harsh environments: suitable for networking in harsh environments with strong electromagnetic interference and long distances

【Technical indicators】

General parameter	
Product name	6 ports 10M/100M Industrial intelligence standard POE Switch
Model	HR500-AF-42
Connector Type	4*10/100M POE ports +2* 10/100M Uplink Ethernet port
Network Protocols	IEEE802.3 IEEE802.3u IEEE802.3x
POE Parameters	POE Standard: IEEE802.3at (30W) and IEEE802.3af (15.4w) 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-
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 m) 10BASE-T： Cat6 or more UTP(≤250 m) 100BASE-TX: Cat5 or more UTP(≤100 m)

LED indicator	PWR (Power supply indicator Red)	Lighting：Powered Un-Light：No Power			
	SW (DIP indicator Green)	1	2	Indicate	Mode
		off	off	No light	Standard swapping
		on	off	Lighting	VLAN
		off	on	Slow flash	Extend
		on	on	Quick flash	VLAN+Extend
	1-6 (Green)	Lighting：Connecting Flashing：Data Transmit Un-Light：Disconnect			

DIP	
	V（VLAN）: 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 UP-link port. The port AI mode is turned on.
	OFF: 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
	E（Extend）: Link extension mode, 1-4 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M, and the port AI mode is turned on;

Power Supply	Power input: DC48～55V power supply wiring: 4 PIN terminal block （redundancy V1+V1-,V2+V2-）
Working Environment	Operating Temperature: -40～75℃ Storage Temperature: -40～85℃ Humidity: 5%~95 %(non-condensing)
Industry Standard	EMI: FCC Part 15, CISPR (EN55032) class A EMS: EN61000-4-2 (ESD) EN61000-4-4 (EFT) EN61000-4-5 (Surge)
Mechanical Structure	Shell protect grade: IP40 Installation: DIN rail N.W：0.409KG G.W: 0.489KG （without power supply） Product Dimension (L×W×H): 119MM*87MM*28MM Package Dimension(L×W×H): 175MM*130MM*55MM
Certification	CE , FCC , ROHS
Package Contents	Industrial Switch： 1 unit User Guide：1unit Certificate warranty card：1unit
MTBF	100,000 hours
Warranty	5 years
Hardware parameter	
Bandwidth	1.6Gbps
Cache	512K
Chipset	RTL8309NI
Package Forwarding Rate	0.8928Mpps
MAC address	2K
Forwarding mode	Store-and-forward

【**Order information**】

Product	Description
HR500-AF-42	4*10/100M POE ports +2* 10/100M Uplink Ethernet port .af/at

【**Product rendering**】