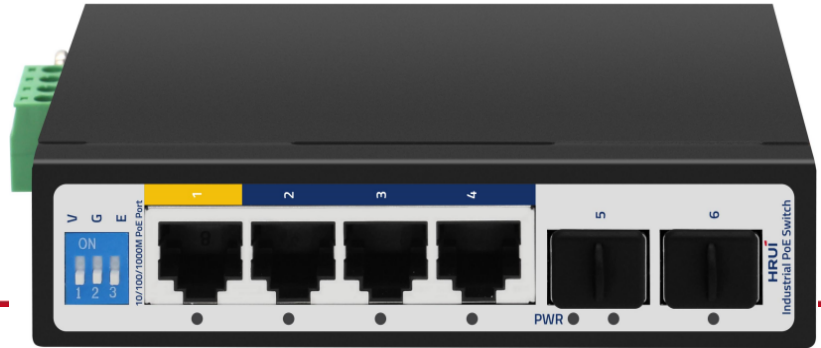


## 6 Ports Gigabit Intelligent Industrial PoE Switch



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HR500-AXG-42S intelligent industrial PoE Switch, support 4\* Gigabit PoE ports+2\* Gigabit SFP port, support DIN-Rail & Wall mounts, support dual power supply input (DC48-55V), working temperature -40°C~ +75°C, It has passed the industrial environment certification and complies with FCC, CE, CCC, RoHS 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 PoE Ethernet switch.

### Main Feature

- Support 4\* Gigabit PoE ports+2\* Gigabit SFP port
- Port 1 support BT90W power supply support IEEE 802.3af/at/bt standard.  
802.3af/at/bt standard.
- Port 2-4 support standard PoE power supply, support IEEE 802.3af/at standard.
- Working temperature -40°C-75°C, surge protection 4KV, ESD: Air15KV, Contact 8KV.
- 4PIN industrial terminal+ DC2.1 input interface, DC48-55V wide voltage input.
- Support 3 DIP modes: VLAN, Genius, Extend.
- Support rail and wall mount installation.

### 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.

Specification	
<b>I/O Interface</b>	
Power	DC 48 ~ 55V
Ethernet	4* Gigabit PoE Ports (Port 1 supports 90W) 2* Gigabit SFP Port
<b>Performance</b>	
Bandwidth	12Gbps
Pack forwarding rate	8.928Mpps
MAC address	8K
Jumbo frame	9.6Kbytes
Transfer mode	Storage & forward
MTBF	100000 Hours
<b>Standards</b>	
Network protocol	IEEE802.3 IEEE802.3i IEEE802.3u IEEE802.3ab IEEE802.3z
PoE standard	PoE standard: IEEE802.3af /IEEE802.3at Single port max: 15.4 W (IEEE 802.3af) Single port max: 30 W (IEEE 802.3at) PoE compatibility: IEEE 802.3af/at self-adaptive PoE port output voltage: DC 48-55V PoE power supply wire core:1/2+ ; 3/6-
Industry standard	EMI: FCC Part 15, CISPR (EN55022) class A EMS: EN61000-4-2 (ESD) EN61000-4-4 (EFT) EN61000-4-5 (Surge)
Network Medium	10BASE-T: Cat3, 4, 5 UTP (≤100 m) 100BASE-TX: Cat5 or above UTP (≤100 m) 1000BASE-TX: Cat5 or above UTP (≤100 m)

Optical medium	Multimode fiber: 850nm, 1310nm transmission distance: 550m/2Km Single-mode fiber: 1310nm, 1550nm transmission distance: 20/40/60/80/100/120km
<b>Certificate</b>	
Safety certificate	CE, FCC, RoHS
<b>Environment standard</b>	
Workin environment	Working temperature: -40 ~ 75°C Storage temperature: -40 ~ 85°C Humidity: 5%~95 % (non-condensing)
<b>Physical specification</b>	
Structure size	Product dimension: 120*87*30 mm Package dimension: 175*130*55mm Product N.W: 0.441 KG Product G.W: 0.530 KG (without power)
Packaging info	Carton MEAS: 540*290*375mm Packing Qty: 40 PCS Packing Weight: 22.2 KG
Power voltage	Voltage input: DC48 ~ 55V Power cable :4 PIN Industrial terminal (redundancy V1+V1-, V2+V2-)/ DC 2.1
Packaging List	1. Industrial Switch: 1 PC 2. User Manual: 1 PC 3. Certification: 1 PC 4. Pull-arm: 1 PC
<b>Indicator</b>	
LED Indicator	PWR, 1-6 green light
PWR	On: Powered on Off: Powered off
1-6 green light	On: Link normal Off: Link off Flashing: Link data transmitting
DIP function	V, G, E (Up open, down close)
V	V: VLAN mode, ports 1 to 4 are isolated and can communicate with ports 5 and 6
G	G: Normal mode
E	E: Extend mode, ports 1-4 are reduced to 10M and can be extended to 250m

## Order info

HR500-AXG-42S	6 Ports Gigabit Intelligent Industrial PoE Switch
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## Product Picture



## Product Structure

