

6 ports Gigabit Industrial POE Switch

【Production Description】

HR600-AFG-42S Industrial Ethernet POE Switch, support convert between 4 Gigabit electrical signals and 2 Gigabit optical signals, support DIN-Rail, support power supply input (DC48-55V), working temperature -40°C~ +85°C, It has passed the industrial environment certification and complies with FCC, CE and CCC 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】

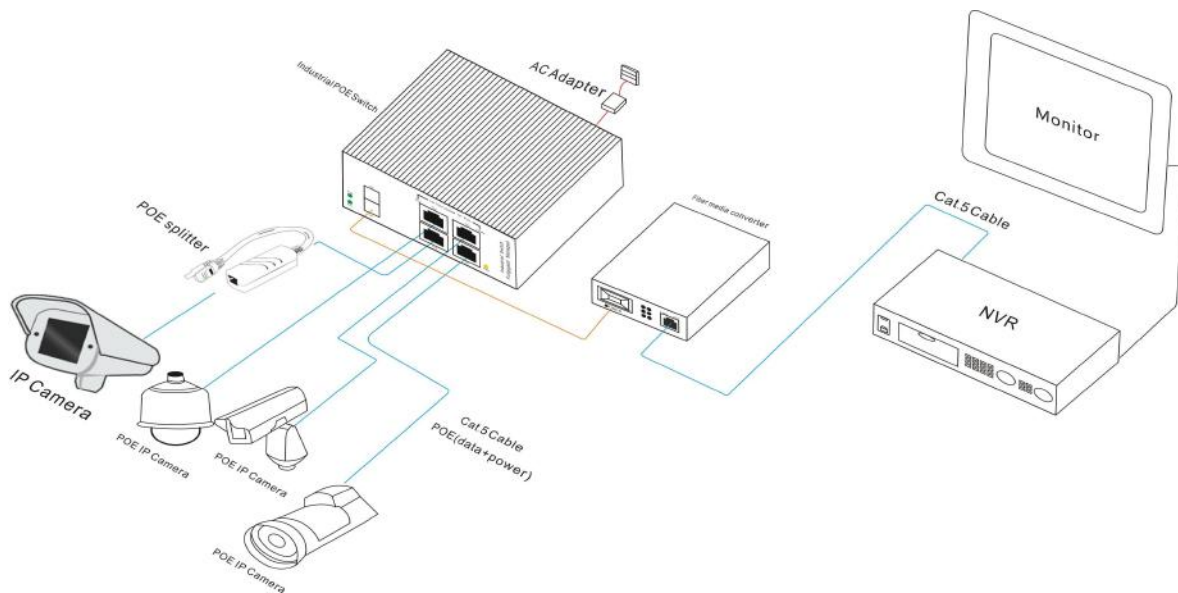
1. Support 4*gigabit POE Ports+2*gigabit SFP ports
2. Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at, store and forward
3. Compatible with both IEEE802.3at (30W) and IEEE802.3af (15.4w)
4. Ethernet port supports 10 / 100M adaptive and POE function
5. IP40 protect grade, high strength iron shell, DIN35 Rail installation
6. Industrial grade 4 design, -40 to 85°C working temperature.

【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

【Connection schematic diagram】



【Technical indicators】

General parameter	
Product name	6 ports Gigabit Industrial POE Switch
Model	HR600-AFG-42S
Connector Type	4*gigabit POE Ports+2*gigabit SFP ports
Network Protocols	IEEE802.3 IEEE802.3i IEEE802.3u IEEE802.3ab

	IEEE802.3z	
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: Cat5 UTP(≤100 m) 100BASE-TX: Cat5 or more UTP(≤100 m) 1000BASE-TX: Cat5 or more UTP(≤100 m)	
Fiber Media	Multi-mode: 850nm, 1310nm transmission distance: 550m/2Km Single-mode: 1310nm, 1550nm transmission distance: 20/40/60/80/100/120Km	
LED indicator	PWR	Lighting: Powered Un-Light: No Power
	Port Yellow	Lighting: 1000M connecting Un-Light: 10M/100M connecting
	Port Green	Lighting: Connecting Flashing: Data Transmit Un-Light: Disconnect
	FX1, FX2	Lighting: Fiber optic connecting Un-Light: Fiber optic disconnecting Quick flash: Data Transmit
Power Supply	Power input: DC52V (48 ~ 55V) power supply wiring: 3 PIN terminal block (V+ V- V+)	
Working Environment	Operating Temperature: -40 ~ 75°C Storage Temperature: -40 ~ 85°C 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: 0.5 KG G.W:0.77 KG (without power supply) Product Dimension (L×W×H): 145mm× 125mm× 40mm Package Dimension(L×W×H): 250mm× 210mm× 65mm Carton Box Dimension(L×W×H): 608mm× 500 mm× 435mm Packing Quantity: 36 (PCS)
Package Contents	Industrial Switch: 1 unit User Guide: 1unit Certificate warranty card: 1unit
Certification	CE , FCC , ROHS
MTBF	100,000 hours
Warranty	5 years
Hardware parameter	
Bandwidth	12Gbps
Cache	1M
Chipset	88E6161
Package Forwarding Rate	8.928Mpps
MAC address	2K
Forwarding mode	Store-and-forward

【Order information】

Model	Description
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HR600-AFG-42S	4*gigabit POE Ports+2*gigabit SFP ports ,af/at
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【Product rendering】

