HR500-AF- 42

Product Description

The HR500-AF-42 device is an Industrial PoE Switch, it support 4*10/100M POE Port + 2*100M Uplink. support Din-rail and wall mount, Supports power input (DC48-55V). Operating temperature range -40 ℃ ~ +85 ℃. Through the industrial environment certification and in line with FCC, CE, CCC standards. Reliable industrial design allows you to ensure that your automation system is running without interruption.

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

Target industries

1.HD monitor transmission and power supply

2.Wireless AP layout transmission and power supply

3.Network telephone transmission , intelligent house and home system

4.Intelligent transportation supervisory system (ITS)

5. High-speed Way supervisory/Tele-Communication System

6. Security protection system, TV medical treatment

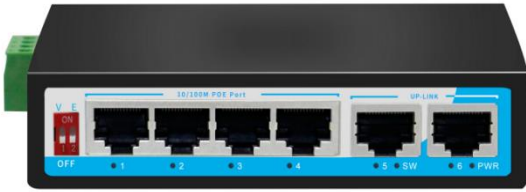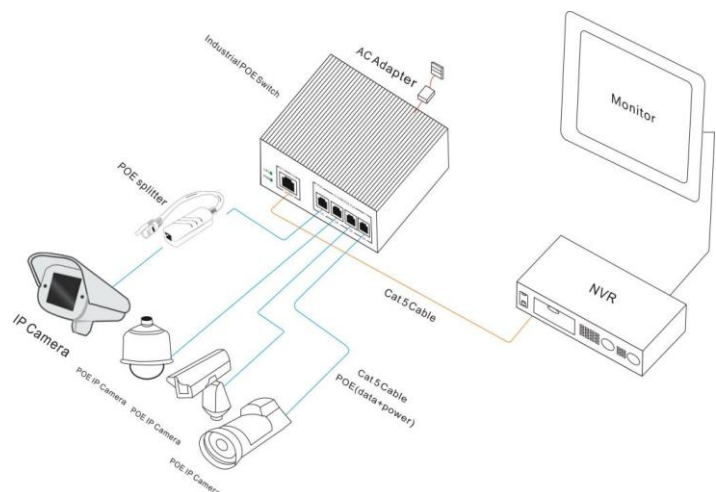7.High-building Security Protection, Military Telecom project

Physical Application Reference

- ➢ Support 4*10/100Base-TX POE port and 2 uplink 100M Ethernet slot
- ➢ Support:IEEE802.3/IEEE802.3i/IEEE802.3uIEEE802.3ab/IEEE 802.3z,IEEE802.3af/at, store and forward
- ➢ Ethernet ports support 10/100M adaptive and POE functions
- ➢ Compatible with both IEEE802.3at(30W) and IEEE802.3af (15.4W)
- ➢ IP40 protect grade, high strength iron shell, DIN35 Rail installation
- ➢ Industrial grade 4 design, -40 to 85°C working temperature.
- ➢ Support extend mode for 250meters,
- ➢ Port Lightning Protection: General Mode 6KV, ESD 15KV.

Order Information

➤ **Accessories in the Package**
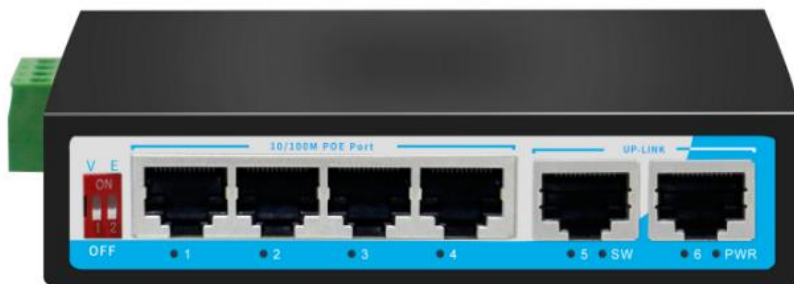
Package List	POE Switch	1 SET
	User Guide	1 PCS
	Warranty Card	1 PCS

➤ **Note: Power adapter is not included in this package, Please order it separately.**

➤ **Pic Reference**

Dimension(11.9cm*8.7cm*2.8cm, Net weight:0.45kg)

Package Dimension(17.5cm*13cm*5.5cm,Gross weight:0.55kg)

Product Name	6-ports PoE Switch with 4*10/100M POE Port + 2*100M Uplink				
Product Model	HR500-AF-42				
Interface	4*10/100M POE Port + 2*100M Uplink RJ45 Port				
Network Protocols	Support IEEE802.3, IEEE802.3u, IEEE802.3x				
PoE Specification	PoE Standard: Supports both IEEE802.3af and IEEE802.3at				
	Single PoE Port Power Output: Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at)				
	PoE port Auto detect AF/AT devices				
	PoE Port Output Voltage: DC48V				
	Power Pin Assignment:1/2+;3/6-				
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter)				
Fiber Media	Multi-mode: 1310nm, 2Km Single-mode: 1310nm, 20/40 Km 1550nm, 60/80/100/120Km				
Performance Specification	Bandwidth: 1.6Gbps Packet Buffer Memory:512K 100M Packet Forwarding Rate:148800pps/port MAC Table: 2K MTBF: 100,000 hours				
Forwarding Mode	Store-And-Forward				
LED Display	PWR	Power supply indicator(Red)	Lighting：Power on No Lighting：Equipment is no powered		
	SW	DIP Indicator (Green)	**1**	**2**	**Status**	**Model**
			Down	Down	Light off	Standard exchange
			Up	Down	Light on	VLAN
			Down	Up	Slow Flashing	Tag Vlan
			Up	Up	Quick Flashing	VLAN+Extend
	1-6	RJ-45 ACT light (Green)	Lighting：Connecting Flashing：Data Transmitt Un-light：Disconnect		
Power Supply	Input Voltage: DC48V (48～55V) Type of input: 4 pins terminal block No-load consumption: MAX 5W@ DC52V0.1A Full-load consumption: MAX 65W@ DC52V1.25A (802.3af) Full-load consumption: MAX 104W@ DC52V2A (802.3af+) Full-load consumption: MAX 130W@ DC52V2.5A (802.3at)				
Working Environment	Working temperature: -40～85℃				

	Storage temperature: -40 ~ 85℃ Relative Humidity: 5%~95 %(no condensation)
Industry Standard	EMI: FCC Part 15, CISPR (EN55022) class A EMS: EN61000-4-2 (ESD) EN61000-4-4 (EFT) EN61000-4-5 (Surge) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Mechanical Structure	Shell: IP40 protect grade, metal shell Installation: DIN-Rail or Wall mounts
Certification	CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B
Warranty	5 years