



- Support 4 10/100Base-TX POE ports and 2 10/100Base-TX Uplink Ethernet port
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at, store and forward
- Compatible with both IEEE802.3at(30W) and IEEE802.3af(15.4W)
- Ethernet port support 10/100M self-adaption and PoE function
- With DIP switch support 10M transmission rate via cat.6 transmission distance of up to 250 meters
- IP40 protect grade, high strength iron shell, DIN35 Rail installation
- Industrial grade 4 design, -40 to 85°C working temperature.
- Support VLAN Mode and Extend Mode.
- Support redundant power supply, support anti reverse.
- Port Lightning Protection: General Mode 6KV, Differential Mode 4KV, ESD 15KV.

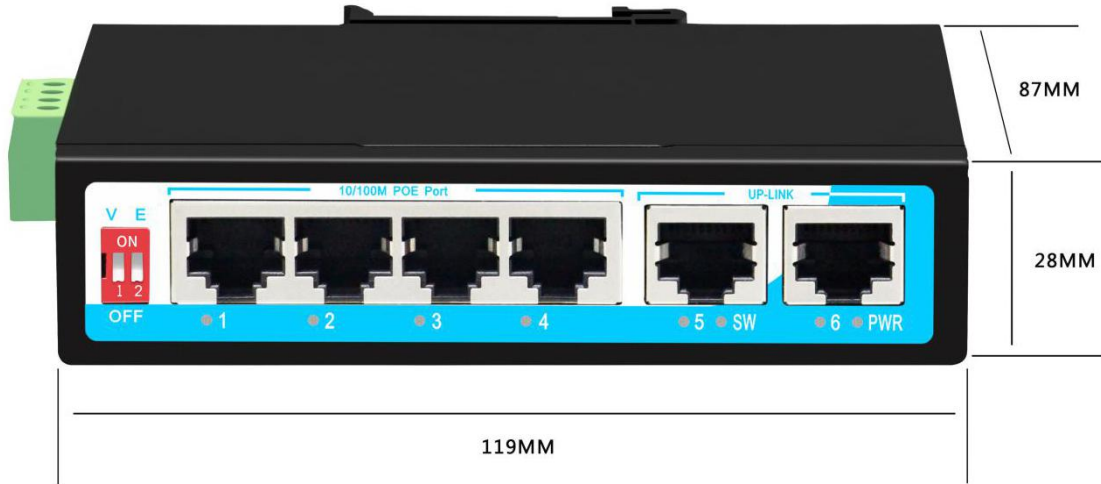
● Product Description

The HR500-AF-42 device is a kind of industrial PoE media converter, it support 4*10Base-T/100Base-TX POE port and 2*10/100Base-TX UP-LINK Ethernet port. These converters are classified as power source equipment (PSE), and when used in this way provide up to 15.4 watts IEEE802.3af & 30 watts to IEEE802.3at compliant powered devices (PD), eliminating the need for additional wiring.

It support CE, FCC ROHS standard, adopt industry standard design, IP40 protection, rugged high-strength metal case, power supply input (DC48-55V), -40 to 85°C working temperature. The converters support IEEE802.3/IEEE802.3u/IEEE802.3x with 10/100M, full/half-duplex, and MDI/MDI-X auto-sensing, providing a complete solution for your industrial Ethernet network.

● 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. Long-distance Muti-media Schooling, Campus monitoring
8. Long-distance broadcast television transmission system
9. High-building Security Protection, Military Tele-Com project



Order Information

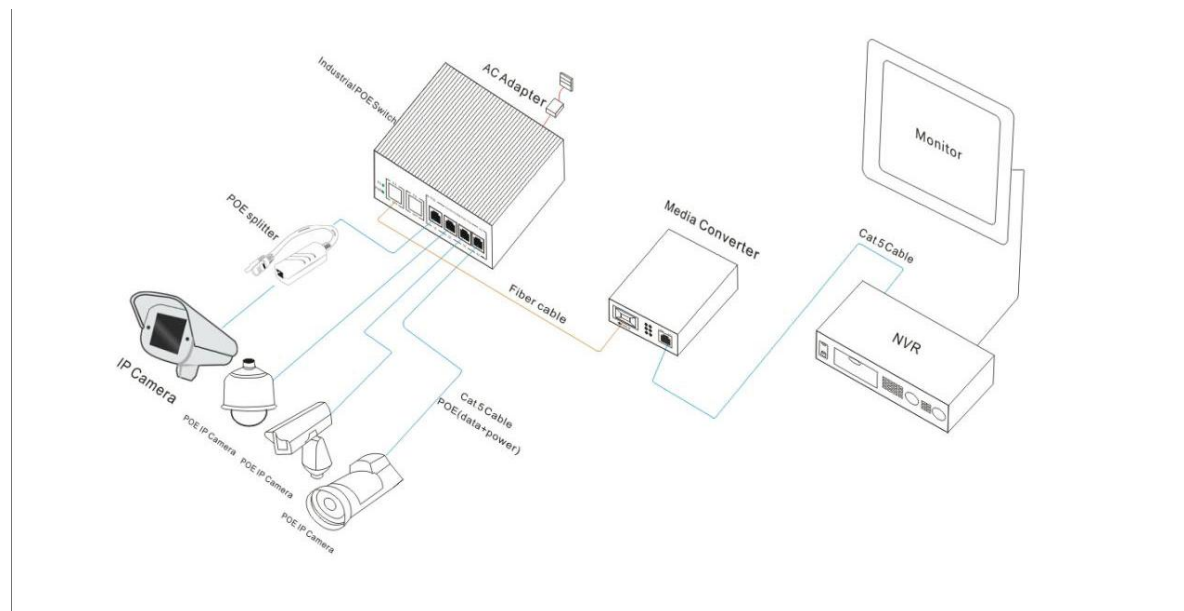
Product Model: HR500-AF-42

Product Description: 6-port 10/100M Industrial PoE Switch /Media Converter, with 4* RJ45 ports and 2* Uplink Ethernet port. 4 RJ45 ports support PoE power supply function, compatible with both IEEE802.3af/IEEE802.3at standard. Rail-type installation.

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

Package List	Industrial PoE media Converter (plus terminal block)
	User Guide
	Warranty Card
	DIN-Rail mounting kit

Physical Application Reference



● Technical parameters

Product Name	6 Ports 10/100M Industrial PoE Switch/Media Converter		
Product Model	HR500T-AF-42		
Interface	4x10/100M copper RJ-45 ports, 2x100M 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: DC48		
	Power Pin Assignment:1/2+;3/6-		
Network Media	10BASE-T: Cat6 UTP(\leq 250 meter) ; 100BASE-TX: Cat5 or more UTP (\leq 100 meter)		
Performance Specification	Bandwidth: 1.6Gbps Packet Buffer Memory:1M 100M Packet Forwarding Rate:148800pps/port Address Table: 2K MTBF: 100,000 hours		
Port Lightning Protection	General Mode 6KV, Differential Mode 4KV, ESD 15KV.		
Forwarding Mode	Store-And-Forward		
LED Indicator	PWR	Power supply indicator(Red)	Lighting: Powered No Lighting: No Power
	SW	DIP indicator(Green)	1 2 Indicate Mode
			off off No light Standard
			on off Lighting VLAN
			off on Slow flash Tag Vlan
on on Quick flash Vlan			
1-6	RJ-45 ACT indicator(Green)	Lighting: Connecting Flashing: Data Transmitt Un-light: Disconnect	
Power Supply	Input Voltage: DC48V (48~55V) Type of input: 3 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℃ 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
MTBF	100,000 hours
Dimension (L×W×H)	119MM*87MM*28MM
Package Size(L×W×H)	175MM*130MM*55MM
Warranty	5 years