

## HR600-AFG-42S



- Support 4 \* Gigabit POE Port + 2 Gigabit SFP Uplink  
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 10/100/1000M self-adaption and PoE function
- IP30 protect grade, high strength iron shell, DIN35 Rail installation
- Industrial grade 4 design, -40 to 85°C working temperature.

## Product Description

The HR600-AFG-42S device is an industrial PoE Switch, it support 4 \* Gigabit POE Port + 2 \* Gigabit SFP Uplink. 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.

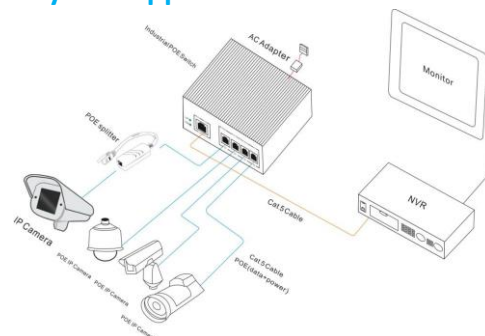
It provided some kinds of advanced network managed function, like as: Ring redundancy ring network, VLAN, Trunking, Quality of Service, Speed control, port mirroring, fault alarm and firmware upgrade online. SW-Ring can bring your Ethernet to intelligent redundancy. Standard Industry design, can satisfied every requirement of the industry scene. All components used industry grade, it takes products high reliability. It provided wide voltage power supply input.

It support CE, FCC ROHS standard, adopt industry standard design, IP30 protection, rugged high-strength metal case, Dual power supply input (DC48-55V), -40 to 85°C working temperature. The converters support IEEE802.3/IEEE802.3i/IEEE802.3u/IEEE802.3ab/IEEE802.3z with 10/100/1000M, 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.Network telephone transmission , intelligent house and home system
- 3.Intelligent transportation supervisory system (ITS)
4. High-speed Way supervisory/Tele-Communication System
5. Security protection system, TV medical treatment
6. Long-distance Muti-media Schooling, Campus monitoring
7. Long-distance broadcast television transmission system
8. High-building Security Protection, Military Tele-Com project

## Physical Application Reference



### Order Information

#### ➤ Accessories in the Package

Package List	POE Switch	1 SET
	User Manual	1 PCS
	Warranty Card	1 PCS
	Certificate	1 PCS

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

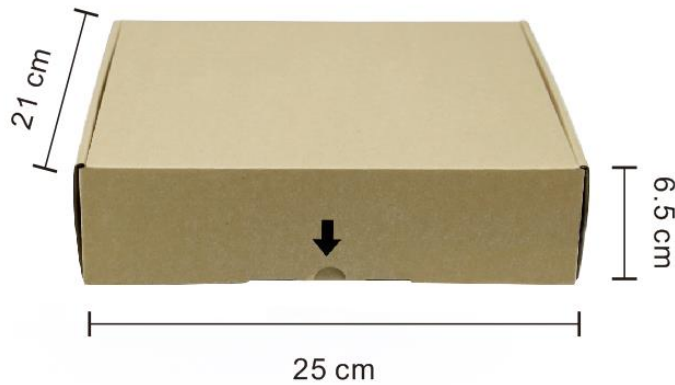
#### ➤ Pic Reference



**Product Dimension(14.5cm\*12cm\*4cm, Net weight:0.5kg)**



**Package Dimension(25cm\*21cm\*6.5cm,Gross weight:0.77kg)**



## Technical Parameters

Product Name	6-Ports POE Switch with 4 * Gigabit POE Port + 2 Gigabit SFP Uplink
Product Model	HR600-AFG-42S
Interface	4 * Gigabit POE Port + 2 Gigabit SFP Uplink
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 (IEEE802.3af) Max. 30 watts (IEEE802.3at)
	PoE port Auto detect AF/AT devices
	PoE Port Output Voltage: DC48V (48~55V)
	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: 12Gbps Packet Buffer Memory:1M 100M Packet Forwarding Rate:148800pps/port MAC: 2K MTBF: 100,000 hours
Forwarding Mode	Store-And-Forward
LED Display	Fiber Run indicator: FX1,2 Power supply indicator: PWR PoE ACT indicator: LED-Yellow PoE LINK indicator: LED-Green
Power Supply	Input Voltage: DC48V (48 ~ 55V) Type of input: 3 bits terminal block No-load consumption: MAX 5W@ DC52V0.1A Full-load consumption: MAX 65W@ DC52V1.25A (802.3af/at) Full-load consumption: MAX 104W@ DC52V2A (802.3af+) Full-load consumption: MAX 130W@ DC52V2.5A (802.3at)
Working Environment	Working temperature: -40 ~ 85°C Storage temperature: -40 ~ 85°C 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: IP30 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	2 years