

HR901-AFG-42S



Product Description

The HR901-AFG-42S device is a PoE Switch, it support 4* gigabit POE Port + 2 * Gigabit SFP Gigabit Ports ,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, IP30 protection, rugged high-strength metal case, power supply input (DC48-55V), -20 to 55°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 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

- ◆Supply power to 5 classes Ethernet wireless access point (AP) and network surveillance cameras
- ◆Port 1 to port 4 compatible with IEEE802.3af/at standard power
- ◆4x 10/100 /1000Mbps automatic adjustmentRJ45 ports
- ◆Meets the standards of the IEEE 802.3 /IEEE 802.3u/IEEE 802.3z and IEEE 802.3ab
- ◆Flow Control Type: Full duplex adopts IEEE 802.3x standard, half duplex adopts back pressure standard
- ◆Auto-flip ports (Auto MDI/MDIX)
- ◆Network port has lightning-proof function (AC power port: differential mode +/-2kV, common mode +/-4kV)
- ◆Store-and-forward architecture, 192K forwarding memory
- ◆All ports support wire-speed switching, frame size within the range of 64 to 1536 can achieve wire-speed
- ◆Wall-mounted design, easy to install and use
- ◆Automatic adjustment, plug and play, no need software and protocol conversion



➤ **Order Information**

➤ **Product Model:** HR901-AFG-42S

➤ **Product Description:** 4* gigabit POE Port + 2 * Gigabit SFP Ports support PoE power supply function, compatible with both IEEE802.3af/IEEE802.3at standard.Rock mount installation.

Ordering Note: Default PoE power supply type is end-span(12, 36 line pair), mid-span(45, 78 line pair) optional,**SFP module isn't in accessories , pls order seperatly**

➤ **Accessories in the Package**

Package List	POE Switch
	User Guide
	Warranty Card
	AC Adapter

Product Dimension 140mm*85mm*30mm



Technical Parameters

Product Name	6-Ports PoE Switch with 4 *Gigabit PoE Ports +2 * Gigabit SFP Ports
Model	HR901-AFG-42S
Connector Type	4x 10/100/1000M copper cable RJ45 ports(4 PoE ports+2 Uplink SFP Port)
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter) 1000BASE-TX : Cat6 or more (≤100 meter)
Bandwidth	12Gbps
Address Database Size	2K
MTBF	100,000 hours
Forwarding Mode	Store-And-Forward
Network Protocols	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI; IEEE 802.3af/at
LED Display	System: power supply; Every Port: connecting, PoE working status
Power Supply	Input: DC 48~52V ; External Power Adapter input: AC110-264V 50/60Hz, output: 52V1.25A
PoE Ports	Port 1-4 support POE
PoE Port Power	15.4/30W for each POE port
PoE Standard	IEEE 802.3af/at
PoE Feature	All ports support MDI/MDIX
Working Environment	Operating Temperature: -20° ~ 50 ° C; Storage Temperature: -40 ° ~ 85° C; Operating Humidity: 10% ~ 90%, non-condensing Storage Humidity: 5%~95% non-condensing
Certification	CE Mark ,commercial; CE/LVD EN60950, RoHS, FCC
Radiation	CE mark, commercial; FCC Part 15 Class B; VCCI Class B; EN 55022 (CISPR 22), Class B
Transmission Distance	Depend on SFP module
Warranty	2 years warranty