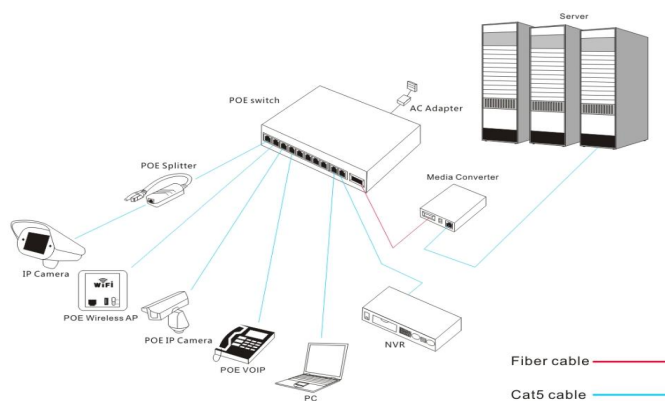# HR901-AF-821GS

Product Description

The HR901-AF-821GS device is a PoE Switch, it support 8x10/100M PoE port and 2x10/100/1000M Ethernet ports+ 1x10/100/1000M SFP 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 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

◆ Supports 8x10/100M PoE port and 2x10/100/1000M Ethernet ports+ 1x10/100/1000M SFP Port

◆ Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af / at, store and forward

◆ Compatible with IEEE802.3AT (30W) and IEEE802.3AF (15.4w)

◆ Ethernet port supports 10/100M adaptive and PoE functions

◆ With DIP switch support 10M transmission rate via cat.6 transmission distance of up to 250 meters

◆ LED indicators for monitoring power, link, activity and speed

◆ Support VLAN mode and EXTEND mode

Physical Application Reference

> **Order Information**
> **Product Model:** HR901-AF-821GS
> **Product Description:** Supports 8x10/100M PoE port and 2x10/100/1000M Ethernet
> ports+ 1x10/100/1000M SFP Port power supply function, compatible with both
> IEEE802.3af/IEEE802.3at standard. Wall mount installation.
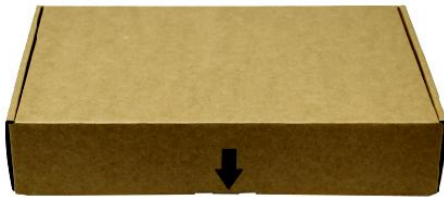
> **Pic Reference**
> **Accessories in the Package**

	POE Switch
	User Guide
Package List	Warranty Card
	Power Cable
	Power Adapter

Product Dimension(200 *120*45MM,Gross weight:0.52kg)

Package Dimension(303 *190*60MM,Gross weight:0.78kg)

Technical Parameters

Product Name	11 Ports POE Switch
Model	HR901-AF-821GS
Connector Type	8*10/100M PoE port + 2*10/100/1000M Ethernet Uplink + 1*1000M SFP Port
Bandwidth	7.6Gbps (non-blocking)
PoE Standard	IEEE 802.3AF(each port 15.4W) IEEE 802.3AT(each port 30W max)
POE Compatibility	IEEE802.3af/at self-adaptive
POE power output	DC48V
PoE power pin	12+,36- (45+,78- Optional)
PoE Port Power	30W max for each POE port
PoE Feature	All ports support MDI/MDIX
Network Protocols	Support IEEE802.3, IEEE802.3u, IEEE802.3x
Optic port	Multi mode fiber: 1310nm, 2Km Single mode fiber: 1310nm, 20/40 Km 1550nm, 60/80/100/120Km
MAC address	2K
Network Media	10BASE-T: Cat6 UTP(≤250 meter) ;100BASE-TX: Cat5 or more UTP (≤100 meter); 1000BASE-TX: Cat5 or more UTP (≤100 meter)
LED Indicator	10M: it is on 10Mbps transmission rate while it's blink PWR:power is connect while it's on green Yellow light; POE Running Green light: Ethernet Running
Working Environment	Operating Temperature: -20 ° ~ 50° C; Storage Temperature: -40 ° ~ 85 ° C; Operating Humidity: max 90%, non-condensing
Power	External Power input: AC 110-264V output: DC 52V2A
Certification	CE,CCC,FCC
Transmission Distance	POE transmission distance:100meters,250meters(when it's on 10Mbps rate with Cat6 or more) Uplink port transmission distance:100Meters(Uplink RJ45 port); 20KM by default(Uplink fiber port)
MTBF	100,000 hours
Warranty	2 years warranty