HR901-AFG-162S--10/100/1000M 18 Ports PoE Switch

◆ 16* 10/100/1000M PoE Ports + 2* Gigabit SFP Uplink Port ;

◆ Support IEEE802.3、IEEE802.3u，IEEE802.3x，IEEE802.3af/at;

◆Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w);

◆Ethernet port supports 10/100/1000M adaptive and POE functions;

◆ Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard;

◆ Support port auto flip (Auto MDI/MDIX);

◆ All ports support wire-speed switching;

◆ Automatically supplied to adaptive devices;

◆ Panel indicator monitoring status and help failure

⚪ Product Description

The HR901-AFG-162S PoE Switch with 16 Port 10/100/1000M PoE + 2 Port Gigabit SFP Uplink , using high-quality high-speed network IC and the most stable POE chip, POE port meets 802.3af / 802.3at standard, this series of PoE Switch can be 10/100M Ethernet The network provides a seamless connection, and the PoE power port can automatically detect and power the powered devices that comply with the IEEE802.3af / IEEE802.3at standards. The non-POE device intelligently detects no power and only transmits data.

PoE (Power over Ethernet) refers to the technology of providing dc Power supply to some IP-based terminals (such as IP telephone, wireless access AP, network camera, etc.) while transmitting data signals. These devices receiving dc Power supply are called receiving devices.

With simple and convenient installation and maintenance methods and rich business features, it helps users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and residential broadband; it can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.
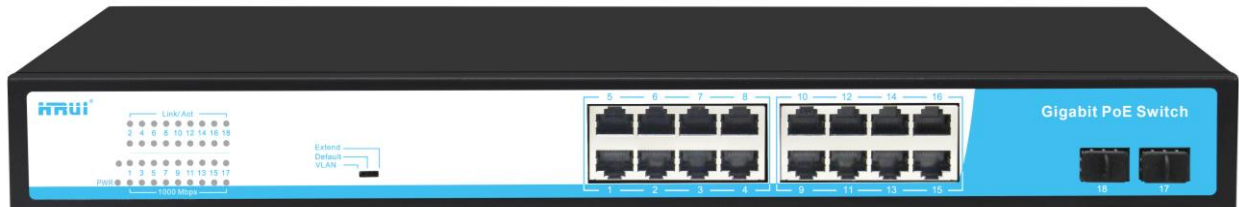
⚪ Application Environment

1. Metropolitan area fiber broadband network: telecommunications, cable TV, network system integration, etc., according to network operators;

2. Broadband private network: suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries;
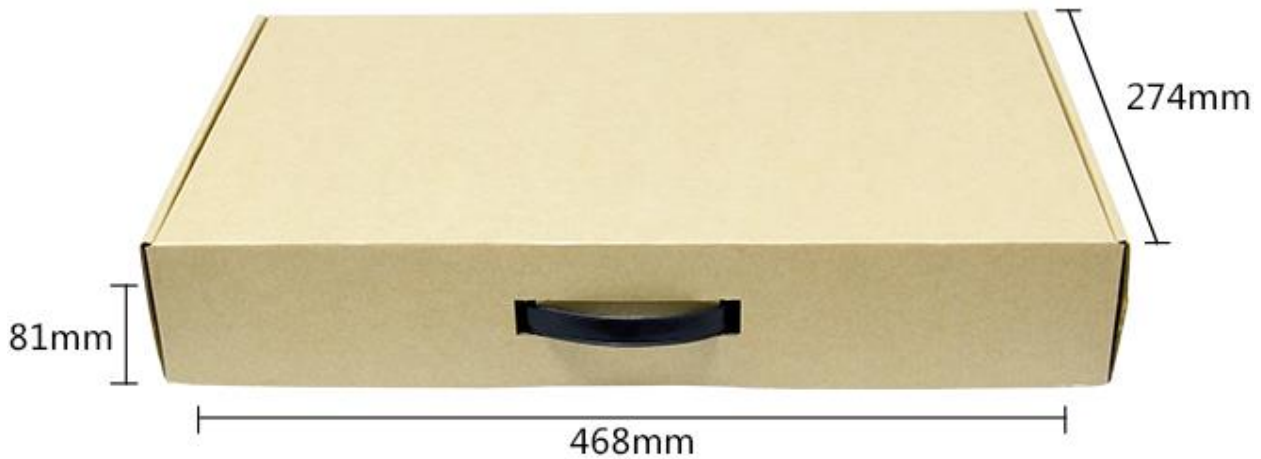
3. Multimedia transmission: integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications;

4. Real-time monitoring: simultaneous transmission of real-time control signals, images and data.

● **Dimension(410mm* 185mm* 50mm, Net Weight: 2.1kg/unit)**

● **Package Dimension(468mm*274mm*81mm, Gross Weight:2.7kg/unit)**

Order Information
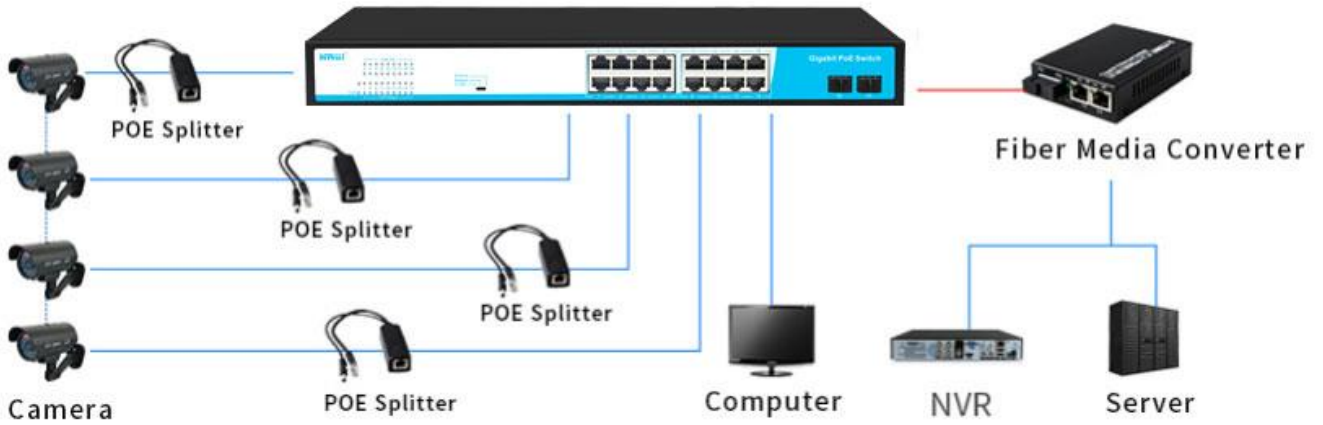
Product: HR901-AFG-162S

Description: 16*10/100/1000M PoE Ports + 2*Gigabit SFP Uplink Port , support PoE power supply function, compatible with both IEEE802.3af / IEEE802.3at standard.

PoE Power Output: 15.4W / 30W each port. Total power budget 300Watts. 1U Rack Mount installation.

SFP module isn't include in the accessories, please order it separately.

	18-Ports 10/100/1000M Switch (HR901-AFG-162S) * 1pcs
	AC Power Plug * 1pcs
Package Contents	1U Rack Mount * 1pcs
	User Guide * 1pcs
	Warranty Card * 1pcs

⬤ **Physical Application Reference**

⬤ **Technical parameter list**

Product Name	18-Ports 10/100/1000M PoE Switch
Model	HR901-AFG-162S
Connector Type	16*10/100/1000M PoE Ports + 2*Gigabit SFP Uplink Ports
Network Protocols	IEEE802.3 IEEE802.3u IEEE802.3x IEEE802.3ab IEEE802.3z
PoE Parameters	PoE Standard: IEEE802.3af /IEEE802.3at
	Max each port: 15.4W (IEEE 802.3af)
	Max each port：30W (IEEE 802.3at)

	PoE compatibility: IEEE 802.3af/at adaptive
	PoE port output: DC48-55V
	Power Pin : Power over spare pairs 1/2(+) , 3/6 (-)
Network Media	10BASE-T: Cat 5E UTP(≤250 meter)
	100BASE-TX: Cat5 or more UTP (≤100 meter)
	1000BASE-TX: Cat5 or more UTP (≤100 meter)
Optical	MultiMode Fiber: 850nm, 1310nm, Transmission Distance: 550m/2Km
	Single-Mode Fiber: 1310nm, 1550nm, Transmission Distance: 20/40/60/80/100/120km
Performance Specification	Bandwidth: 52Gbps
	MAC: 8K
	Packet Buffer Memory: 4M
	Packet Forwarding Rate: 38.7Mpps
Power Supply	Power input: AC100-240V 50/60Hz, Output: 52V5.76A, Power Budget: 300W

LED Indicator			
	PWR	Power supply indicator (Red)	Lighting：Powered Un-Light：No Power
	1-26	RJ-45 LINK indicator (Green)	Lighting：1000M Connect Un-Light：100M or Disconnect
	1-26	RJ-45 ACT indicator (Green)	Lighting：Connecting Flashing：Data Transmit Un-Light：Disconnect

Working Environment	Operating Temperature: -20℃ ～ 50℃;
	Storage Temperature: -40℃ ～ 80℃;
	Operating Humidity: Max 90%, non-condensing
	Storage Humidity: Max 95%, non-condensing
	Working Height: Max to 10,000 feet (3,000 meters)
	Storage Height: Max to 10,000 feet (3,000 meters)

Shenzhen Hong Rui Optical Technology Co., Ltd   18 ports PoE Switch

Physical Parameter	Product Dimension (L*W*H): 410mm*185mm*50mm Package Dimension (L*W*H): 468mm*274mm*81mm N.W: 2.1KG G.W: 2.7KG
Package Contents	1.Ethernet Switch：1 unit 2.User Guide：1 unit 3.Warranty Card：1 unit 4.Power Cord：1unit 5.1U Rack Mount: 1 pair
MTBF	100,000 hours
Certification	CE ,RoHS, FCC, CCC
Warranty	2 years