10 Port Gigabit PoE Switch

【**Introduction**】

10-Ports 10/100/1000M PoE Switch with 8*10/100/1000M PoE Ports + 2*1000M RJ45 Port, 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 10/100/1000M 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 is Power over Ethernet, which refers to the transmission of data signals to some IP-based terminals (such as IP phones, wireless access APs, network cameras, etc.), but also provides DC power for this device. Technology, these devices that receive DC power are called powered 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.

【**Main Features**】

◆ 8*10/100/1000M PoE Ports +2*1000M RJ45 Port ;

◆ Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3ab standards;

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

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

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

◆ Exchange mechanism using store-and-forward;

◆ All ports support wire-speed switching;

◆ Automatically supplied to adaptive devices;

◆ Panel indicator monitoring status and help failure analysis.

【**Application Environment**】

◆ Metro Optical Broadband Network: Data network operators such as telecommunications, cable TV, and network system integration,etc.

◆ Broadband private network: Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries

◆ Multimedia transmission: Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications

◆ Real-time monitoring: Simultaneous transmission of real-time control signals, images and data

【Specifications】

I/O Interface	
Power	AC 100-240V 50/60Hz
Ethernet	8 Port 10/100/1000M PoE 2 Port 1000M RJ45 Uplink
Performance	
Switching Capacity	20Gbps
Throughput	14.88Mpps
Packet Buffer	1.5Mbit
MAC Address	2K
Jumbo Frame	9216Kbytes
Transfer Mode	Store and forward
MTBF	100000 hour
Standard	
Network protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab (1000Base-TX) IEEE802.3x (Flow control)
PoE Protocol	IEEE802.3af （15.4W） IEEE802.3at （30W）
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD)、 EN61000-4-4 (EFT)、 EN61000-4-5 (Surge)
Network Medium	10Base-T : Cat3、4、5 or above UTP(≤100m) 100Base-TX : Cat5 or above UTP(≤100m) 1000Base-TX : Cat5 or above UTP(≤100m)
Protection	
Security Certificae	CE、FCC、RoHS
Environment	
Working Environment	Working Temperature：-10~50°C Storage Temperature：-40~85°C Working Humidity ：10%~90%，non-condensing Storage Temperature：5%~90%，non-condensing

	Working Height：Maximum10,000 feet
	Storage heigh：Maximum 10,000 feet
Indication	
LED Indicators	PWR（power supply），1-10 Green（Link&Data）
Mechanical	
Structure Size	Product Dimension (L*W*H): 220*161*36.5mmm
	Package Dimension (L*W*H): 303*190*60mm
	N.W：0.9kg
	G.W：1.2kg
Packing Info	Carton MEAS：620*320*402mm
	Packing Qty：20 units
	Packing Weight：25KG
Power Voltage	Power Input Voltage ：AC 100-240 V
	Power supply：52V2.3A
Package List	Switch 1 pcs, Power cord 1 pcs, User manual 1 pc, Certification 1 pc
Ordering Info	
HR901-AFG-82N	10-Port Gigabit PoE Switch

【**Product Picture**】

【**Application**】