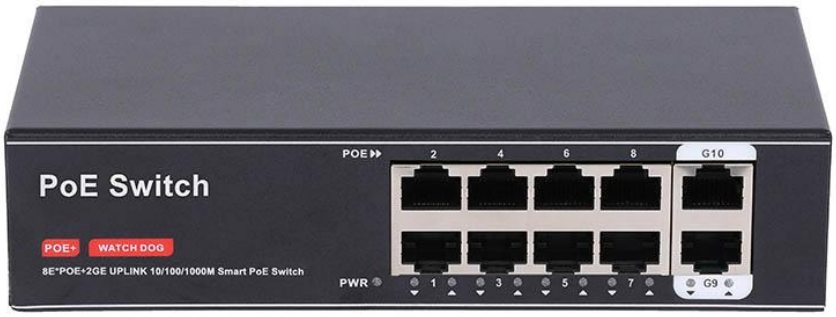
Product Datasheet

10-port Gigabit Uplink Smart PoE Switch

(H1108PGS)



OVERVIEW

The H1108PGS is a smart PoE switch. It has 8*10/100M RJ45 ports and 2*10/100/1000M uplink RJ45 ports. Port 1-8 can support IEEE802.3af/at PoE standard and single-port PoE power up to 30W. PoE port can support the watchdog servo function. When the port communication fails, the corresponding port PoE will automatically restart and restore network communication. PoE power supply has a delayed start function. The port power supply is turned on in sequence (within 2 seconds) to prevent the load from starting up with excessive current, and the power supply causes power overload protection. As a PoE power supply device, it can automatically detect and identify the power-receiving device that meets the standard and power it through the network cable. It can power wireless AP, IP camera, VoIP, video access control intercom, and other PoE terminal devices through the network cable to meet the network environment that requires a high-density PoE power supply. It is suitable for small and medium-sized enterprises such as hotels, campuses,

parks, banks, hospitals, and factories to build economical and efficient networks. Unmanaged mode, plug and play, no configuration, simple and convenient to use.

FEATURE

■ 10/100M access

◇ Support non-blocking wire-speed forwarding.

◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.

◇ Provide 8*10/100Base-TX RJ45 ports and 2*10/100/1000Base-T RJ45 ports to enable users to flexibly network to meet the networking needs of various scenarios.

■ Smart PoE power supply

◇ 8*10/100Base-TX RJ45 ports support PoE power to meet the needs of PoE power in various scenarios in the security field.

◇ Comply with IEEE 802.3 af/at PoE standard, automatically identify PoE devices for power supply, and not damage non-PoE devices.

◇ PoE port can support the watchdog function, which can automatically detect the data communication status in real time. When the port load crashes, the corresponding port PoE will automatically restart and repair the network communication.

◇ PoE port has a delayed startup function. The ports start completely within 2 seconds from left to right (the first port) to prevent the instantaneous unified power supply from causing instantaneous overload and power overload protection. It effectively solves the problem of power overload protection caused by capacitive load or large power required at startup.

■ Stable and reliable

◇ CE, FCC, RoHS.

◇ Plug and play, no configuration, easy to use and maintain.

◇ The user-friendly panel can show the device status through the LED indicator of P and Link.

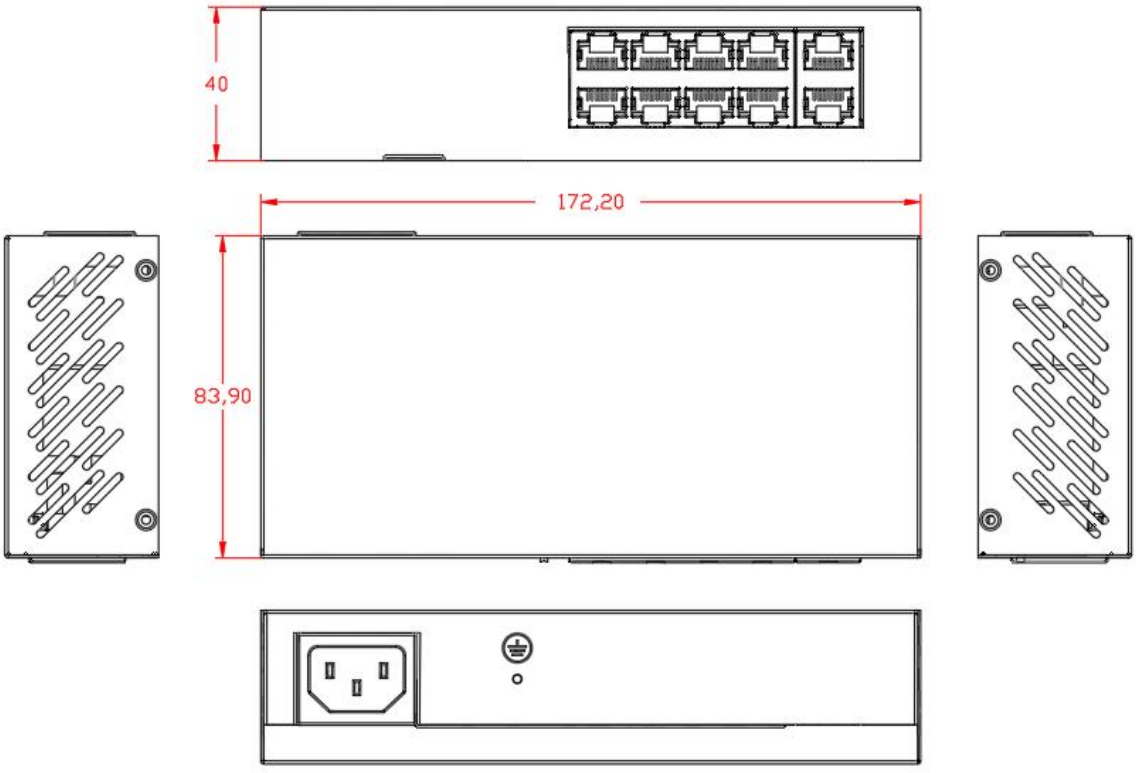
◇ Low power consumption, galvanized steel casing, with ventilation holes, and excellent heat dissipation ensure stable operation of the switch.

TECHNICAL SPECIFICATION

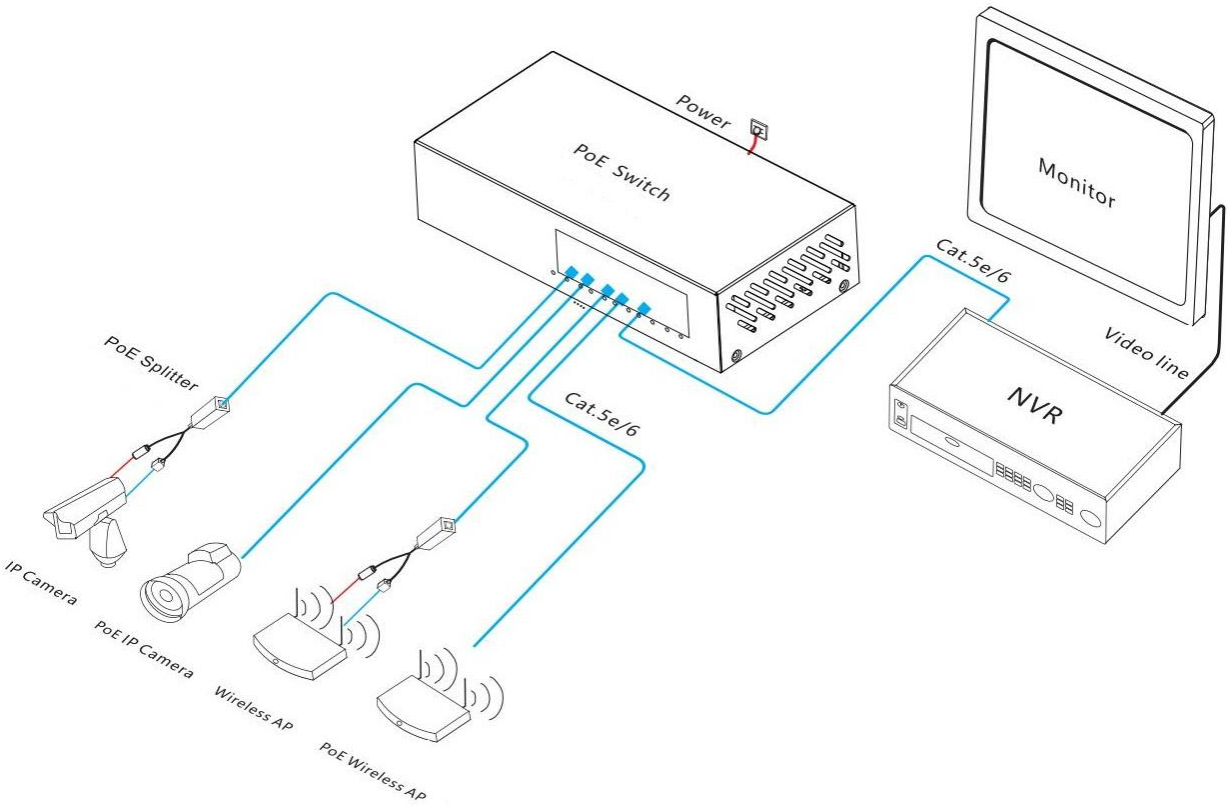
Model	H1108PGS	
Interface Characteristics		
Fixed Port	8*10/100Base-TX PoE ports (Data /Power) 2*10/100/1000Base-T uplink RJ45 ports (Data)	
Ethernet Port	Port 1-8 can support 10/100Base-T(X) and port 9-10 can support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaption	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meters) 100BASE-TX: Cat5 or later UTP (≤100 meters) 1000BASE-T: Cat5e or later UTP (≤100 meters)	
Chip Parameter		
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x	
Forwarding Mode	Store and forward (Full wire speed)	
Switching Capacity	10Gbps (non-blocking)	
Forwarding Rate@64byte	4.17Mpps	
MAC	2K	
Buffer Memory	1M	
Jumbo Frame	16K	
LED Indicator	Power: PWR (Green), Network: Link (Green)	
PoE& Power Supply		
PoE Port	Port 1-8	
Power Supply Pin	1/2(+) 3/6(-)	
Max Power Per Port	30W, IEEE802.3 af/at	
Total PWR/ Input Voltage	70W/ (AC100-160V)	100W/ (AC160-240V)
Power Consumption	Standby<5W, full load<70W	Standby<5W, full load<100W
Power Supply	Built-in power supply, AC100-160V 50-60Hz, 2.0A	Built-in power supply, AC160-240V 50-60Hz, 2.0A

Physical Parameter	
Operation Temp/ Humidity	-20~+50°C, 5%~90% RH non condensing
Storage Temp/ Humidity	-40~+75°C, 5%~95% RH non condensing
Dimension (L*W*H)	172.2*83.9*40mm
Net /Gross Weight	0.48kg/ 0.66kg
Installation	Desktop, Wall mount
Certification& Warranty	
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Warranty	1 year, lifelong maintenance.

DIMENSION



APPLICATION



ORDERING INFORMATION

Model	Description	Built-in Power Supply
H1108PGS	Smart PoE switch with 8*10/100M RJ45 ports and 2*10/100/1000M RJ45 ports. Port 1-8 can support IEEE802.3af/at PoE standard. It has watchdog function and delayed start function. Built-in power supply.	100W

PACKING LIST

	Content	Qty	Unit
Packing List	10-port Gigabit uplink smart PoE switch	1	Set
	AC Power Cable	1	PC
	User Guide	1	PC
	Warranty Card and Certificate of Conformity	1	PC