

Product Datasheet

10-port Full Gigabit PoE Switch

(POE-SW08G-120E)



OVERVIEW

The POE-SW08G-120E is a full gigabit unmanaged PoE switch. It has 8*10/100/1000Base-T PoE ports and 2*10/100/1000Base-T uplink RJ45 ports, Port 1-8 can support IEEE802.3af/at standard PoE power supply, single port PoE power up to 30W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP phone, video access control intercom, etc. through network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory quarters and small and medium-sized enterprises to form an economy efficient network.

Unmanaged model, plug and play, no configuration, easy to use.

FEATURE

■ Full gigabit rate, dual RJ45 ports uplink

- ◇ Provides Gigabit Ethernet ports and dual RJ45 ports uplink for flexible networking and meets the networking requirements of various scenarios.
- ◇ All ports support non-blocking wire-speed forwarding for smoother transmission.
- ◇ Support IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control.

■ Intelligent PoE power supply

- ◇ 8*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- ◇ IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- ◇ Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.

■ Stable and reliable, easy to use

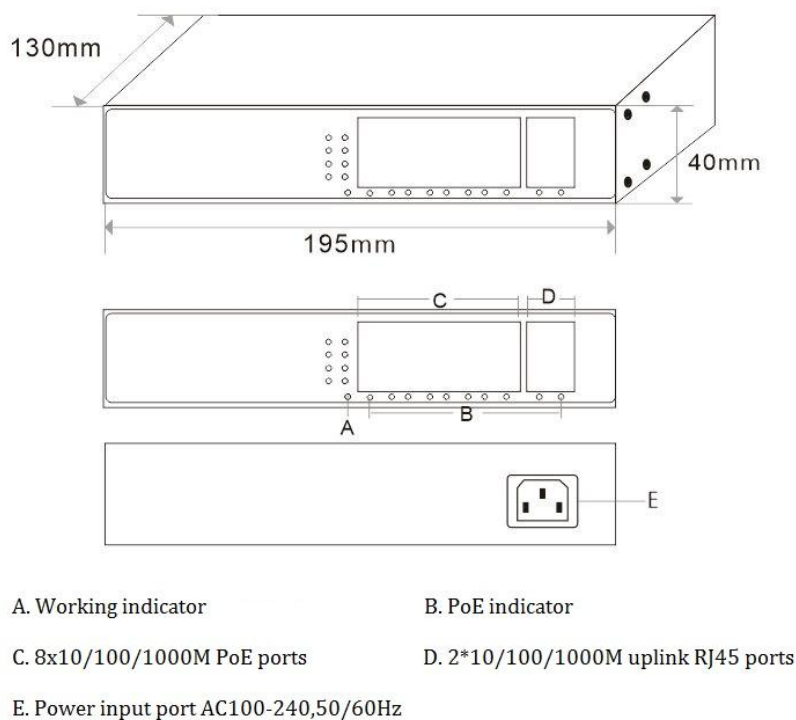
- ◇ CCC,CE, FCC, RoHS.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Low power consumption, galvanized steel casing, no fan.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link, PoE.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

TECHNICAL SPECIFICATION

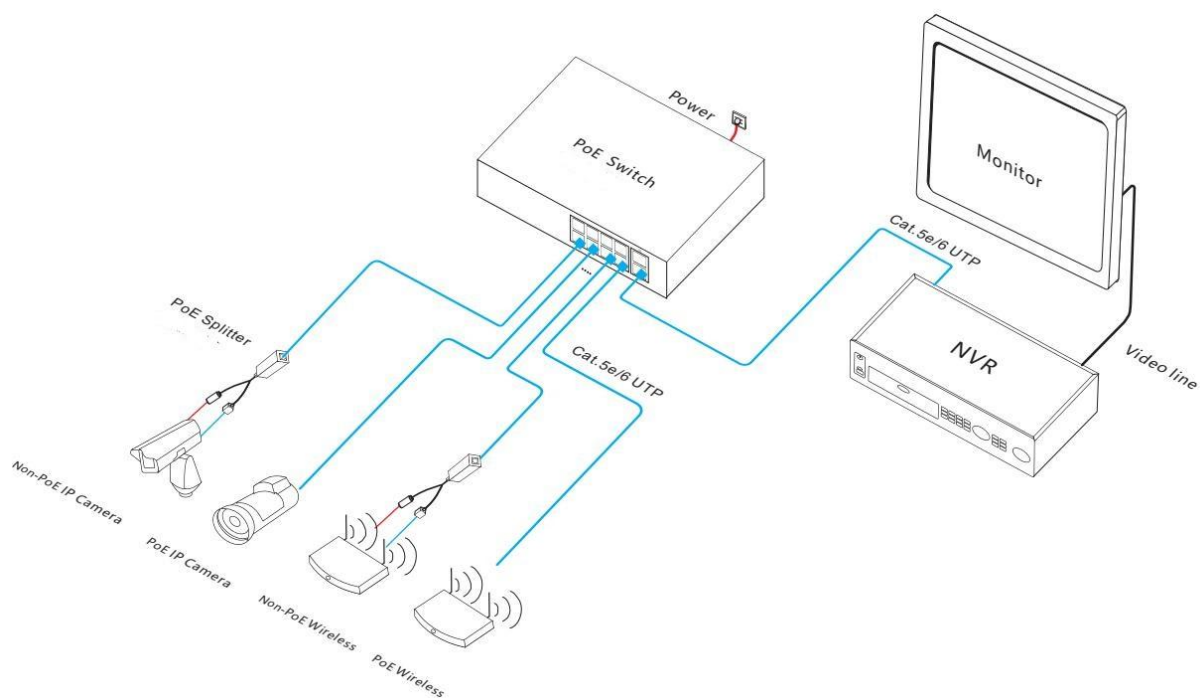
Interface Characteristics	
Fixed Port	8*10/100/1000Base-T PoE ports 2*10/100/1000Base-T uplink RJ45
Ethernet Port	Port 1-6/ Port 1-10 support 10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T:Cat3,4,5 UTP(≤100 meter) 100BASE-TX:Cat5 or later UTP(≤100 meter) 1000BASE-T : Cat5e or later UTP(≤100 meter)
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	20Gbps (Non-blocking)
Forwarding Rate@64byte	14,88 Mpps
MAC	2K
Buffer Memory	2M
Jumbo Frame	9.2k
LED Indicator	Power: PWR (Green), Network: Link (Green), PoE: PoE (Green)
PoE & Power Supply	
PoE Port	Port 1 to 8
Power Supply Pin	Default 1/2(+), 3/6(-)
Max Power Per Port	30W, IEEE802.3af/at
Total PWR / Input Voltage	120W/ (AC100-240V)
Power Consumption	Standby <6W, Full load <120W
Power Supply	Built-in power supply, AC100~240V, 50-60Hz 1.1A

Physical Parameter	
Operation TEMP / Humidity	-20~+55°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+75°C, 5%~95% RH Non condensing
Dimension (L*W*H)	195*130*40mm
Net /Gross Weight	<0.9kg / <1.2kg
Installation	Desktop, wall-mounted
Certification	
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN60950, FCC Part 15 Class B, RoHS

DIMENSION



APPLICATION



PACKING LIST

	CONTENT	QTY	UNIT
Packing List	10-port full gigabit PoE switch		SET
	AC Power Line		PC
	User Guide		PC
	Warranty Card		PC

Note: H series PoE switches do not include hanging ears by default and need to be purchased!