JHA-P10208CBMHGW Series

10-port 10/100Mbps PoE Switch , 8*10/100M PoE ports and 2*10/100M uplink RJ45 port

Features

■ **10/100Mbps access, Dual RJ45 port uplink**

◇ Provides 8*10/100Base-TX RJ45 ports and 2*10/100Base-TX RJ45 ports for flexible networking and meets the networking requirements of various scenarios.

◇ All ports support non-blocking wire-speed forwarding for smoother transmission.

◇ Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.

■ **Intelligent PoE power supply**

◇ 8*10/100Base-TX RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

◇ IEEE 802.3af/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.

■ **Innovative function**

◇ Long distance mode: When opening, the speed of port 1-8 is reduced to 10M. With the existing twisted pair cable, the transmission limit of the twisted pair line can be broken, and the transmission distance can reach 250 meters, on the other hand, It can solve the problem of poor transmission caused by line aging.

◇ Video monitoring mode: When opening, Port 1-8 is isolated from each other but communicate with port 9-10 to prevent DHCP conflicts, optimize port cache utilization, and reduce broadcast storms.

■ **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, it can show the device status through the LED indicator of PWR, Link/Act, PoE.

◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
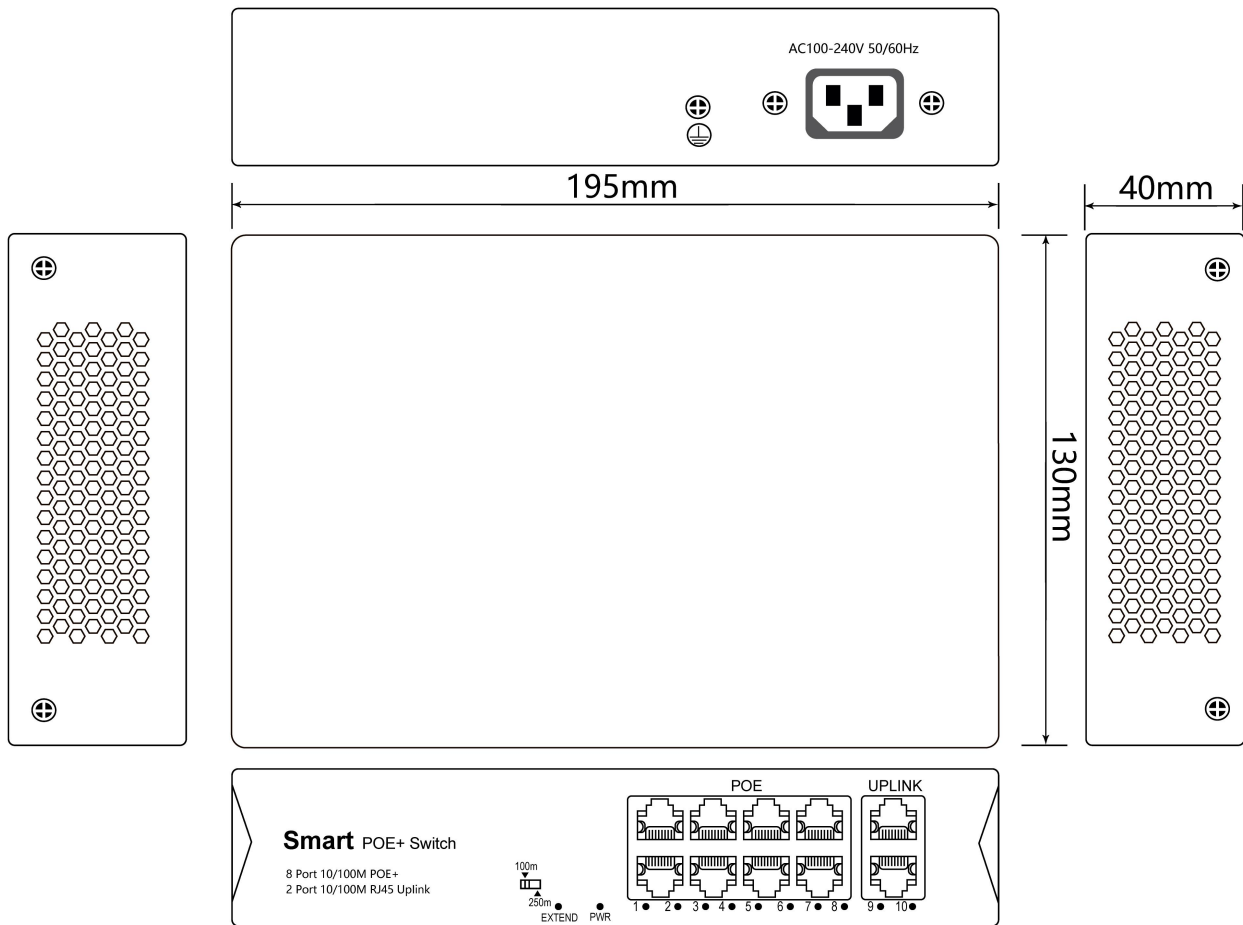
Introduction

The JHA-P10208CBMHGW is a 10/100Mbps unmanaged PoE switch. it has 8*10/100M PoE ports and 2*10/100M uplink RJ45 ports. Port 1-8 can support IEEE802.3af/at standard PoE, single port PoE power up to 30W, and the maximum POE output power is 120W. 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.

Specification

Model	JHA-P10208CBMHGW
Interface Characteristics	
Fixed Port	8*10/100Base-TX PoE ports (Data/Power) 2*10/100Base-TX uplink RJ45 ports (Data)
Ethernet Port	Port 1-6/1-10 can support 10/100Base-TX auto-detection, full/half-duplex MDI/MDI-X auto-sensing
Functional Switch	1*(Extend+ VLAN) **Note:** when the switch state changes, it must be restarted before the PoE switch function can take effect
Twisted Pair Transmission	10BASE-TX: Cat5 or later UTP(≤250 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter)
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX,IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	2Gbps (Non-blocking)
Forwarding Rate@64byte	1.488Mpps
MAC	1K
Buffer Memory	768K
Jumbo Frame	9.6K
LED Indicator	Power:PWR (Green), network: L/A(Yellow), PoE: PoE (Green) Functional switch: EXTEND (Green)
PoE & Power Supply	
PoE Port	Port 1-8

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 <5W, Full load <120W
Power Supply	Built-in power supply, AC100~240V 50-60Hz 2.0A
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	<0.8kg / <1.2kg
Installation	Desktop, wall-mounted
Certification & Warranty	
Lightning Protection / Protection Level	Lightning protection: 4KV 8/20us; Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN60950 FCC Part 15 Class B, RoHS
Warranty	1 year, lifelong maintenance.

Dimension

AC100-240V 50/60Hz

195mm

40mm

130mm

Smart POE+ Switch

8 Port 10/100M POE+
2 Port 10/100M RJ45 Uplink

100m
250m
EXTEND   PWR

POE   UPLINK

1 2 3 4 5 6 7 8   9 10

Ordering Information

Model	Description
JHA-P10208CBMH GW	Unmanaged PoE switch,8*10/100M PoE ports+2*10/100M uplink RJ45 ports. built-in 120W power supply,support IEEE802.3af/at PoE standard, DIP Switch, support 10M/250m transmission.
Note: The PoE switch is not included hanging ear by default and needs to be purchased separately.	

Packing List

	CONTENT	QTY	UNIT
PACKING LIST	10-port 10/100Mbps PoE switch	1	SET
	AC Power Cable	1	PC
	User Guide	1	PC
	Warranty Card	1	PC

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