

## JHA-P30208CBMHGW Series

10-port Gigabit Uplink PoE Switch, 8\*10/100M PoE ports and 2\*10/100/1000M uplink RJ45 ports



### Features

#### ■ 10/100Mbps access, Gigabit dual RJ45 port uplink

- ◇ Support non-blocking wire-speed forwarding for smoother transmission.
- ◇ Support IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control.
- ◇ Provides 8\*10/100Base-TX RJ45 ports and 2\*10/100/1000Base-T RJ45 ports for flexible networking and meets the networking requirements of various scenarios.

#### ■ Intelligent PoE power supply

- ◇ IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- ◇ 8\*10/100Base-TX RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- ◇ 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 file: 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.

■ **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/Act, PoE.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

## Introduction

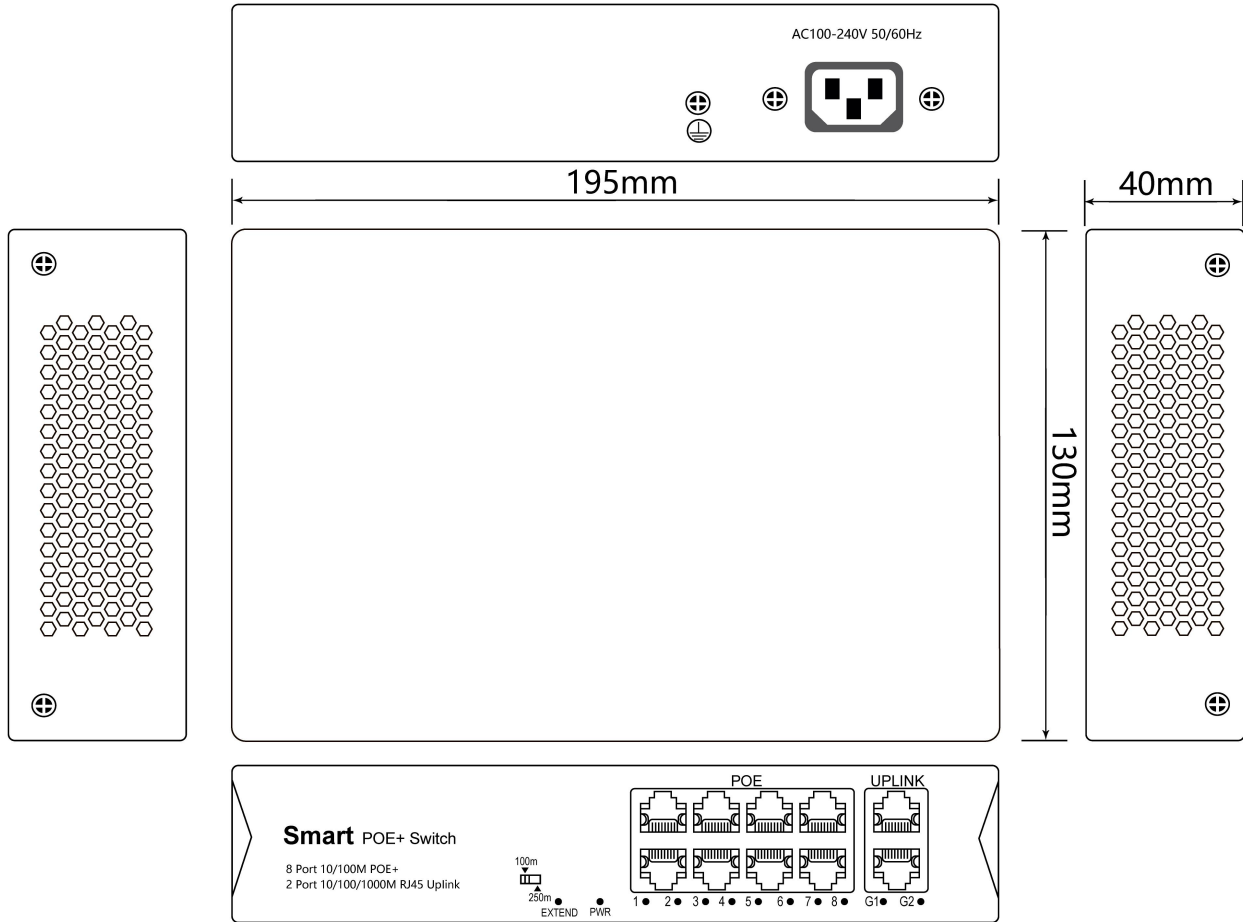
The JHA-P30208CBMHGW is a 10/100Mbps unmanaged PoE switch. It has 8\*10/100M PoE ports and 2\*10/100/1000M uplink RJ45 ports. Port 1-8 can support IEEE802.3af/at PoE standard. Single-port PoE power up to 30W, and the maximum POE output power is 120W. As a PoE power supply device, it can automatically 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-P30208CBMHGW   |
|----------------------------------|--|
| <b>Interface Characteristics</b> |  |
| Fixed Port                       | 8*10/100Base-TX PoE ports (Data/Power)<br>2*10/100/1000Base-T uplink RJ45 ports (Data)   |
| Ethernet Port                    | Port 1-8 can support 10/100Base-TX auto detect, port 9-10 can support 10/100/1000Base-T auto detect, full / half duplex MDI / MDI-X adaptive |
| Functional Switch                | 1*(Extend) <b>Note:</b> when the switch state changes, it must be restarted before the PoE switch function can take effect                   |
| Twisted Pair Transmission        | 10BASE-T: Cat3,4,5 UTP(≤250 meter)<br>100BASE-TX: Cat5 or later UTP(≤100 meter)<br>1000BASE-T: Cat5e or later UTP(≤100 meter)                |
| <b>Chip Parameter</b>            |  |
| Network Protocol                 | IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX<br>IEEE802.3x   |
| Forwarding Mode                  | Store and Forward(Full Wire Speed)   |
| Switching Capacity               | 11.8Gbps (Non-blocking)  |
| Forwarding Rate@64byte           | 4.17Mpps   |
| MAC                              | 3k   |
| Buffer Memory                    | 2M   |
| LED Indicator                    | Power: PWR (Green), Network: Link (Yellow), PoE: PoE (Green)<br>Functional switch: EXTEND (Green)  |
| <b>PoE &amp; Power</b>           |  |
| PoE Port                         | Port 1 to 8  |
| Power Supply Pin                 | 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 2.2A                        |
| <b>Physical Parameter</b>           |   |
| Operation TEMP / Humidity           | -20~+55°C, 5%~90% RH Non condensing                                   |
| Storage TEMP / Humidity             | -40~+75°C, 5%~95% RH Non condensing                                   |
| Dimension                           | 195*130*40mm  |
| Net /Gross Weight                   | <0.8kg / <1.2kg   |
| Installation                        | Desktop, wall mounted   |
| <b>Certification &amp; Warranty</b> |   |
| Lightning Protection                | Lightning protection: 4KV 8/20us, Protection level: IP30              |
| Certification                       | CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS |
| Warranty                            | 1 year, lifelong maintenance.   |

**Dimension**



**Ordering Information**

| Model                | Description  |
|----------------------|--|
| JHA-P30208CBMH<br>GW | Unmanaged PoE switch, 8*10/100M PoE ports+2*10/100/1000M RJ45 ports, built-in 120W power supply,support IEEE802.3af/at PoE standard, support VLAN isolation and 10M/250m transmission. |

**Packing List**

|              | Content                           | Qty | Unit |
|--------------|-----------------------------------|-----|------|
| Packing List | 10-port gigabit uplink PoE switch | 1   | SET  |
|              | AC Power Line                     | 1   | PC   |
|              | User Guide                        | 1   | PC   |
|              | Warranty Card                     | 1   | PC   |