

JHA-P302016CBMHGW Series

18-port Gigabit Uplink PoE Switch, 16*10/100M PoE ports and 2*10/100/1000M uplink RJ45 ports



Features

■ 10/100M access, Gigabit RJ45 uplink

- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- ◇ Provides 16*10/100M PoE ports and 2*10/100/1000M 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.
- ◇ 16*10/100Base-TX RJ45 ports meet 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.

■ **Stable and reliable, easy to use**

- ◇ CCC,CE, FCC, RoHS.
- ◇ Support desktop and 1U-19 inch cabinet installation.
- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Low power consumption, fan active cooling, galvanized steel casing.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link, and PoE.
- ◇ Self-developed power supply, high redundancy design, providing a long-term and stable PoE power output.
- ◇ With a function switch. Port 9-16 can support 10M/250 meters long-distance transmission mode when one key is opened.

Introduction

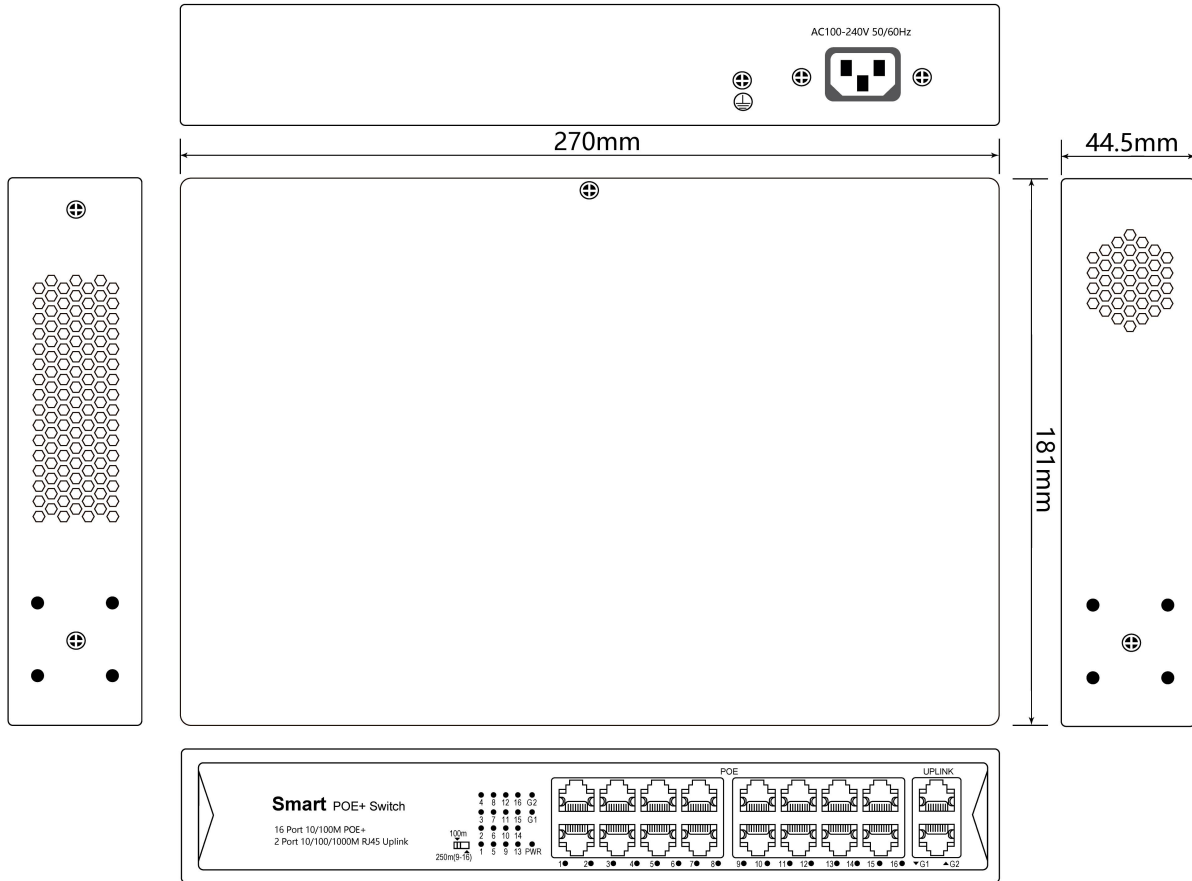
The JHA-P302016CBMHGW is a gigabit uplink unmanaged PoE switch. It has 16*10/100M PoE ports and 2*10/100/1000M uplink RJ45 ports. Port 1-16 can support IEEE802.3af/at PoE standard. Single-port PoE power up to 30W. As a PoE power supply device, it can automatically detect and recognize the power receiving 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 a network cable to meet the network environment that needs a 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 mode, plug, and play, no configuration, easy to use.

Specification

| Model | JHA-P302016CBMHGW |
|----------------------------------|---|
| Interface Characteristics | |
| Fixed Port | 16*10/100Base-TX PoE ports (Data/Power) 2*10/100/1000Base-T uplink RJ45 ports (Data) |
| Ethernet Port | Port 1-16 support 10/100Base-TX and port 17-18 can support 10/100/1000Base-T(X) auto-detection, full/half-duplex MDI/MDI-X auto-sensing |
| Twisted Pair Transmission | 10BASE-T: Cat3,4,5 UTP(≤250 meters) 100BASE-TX: Cat5 or later UTP(≤100 meters) 1000BASE-T: Cat5e or later UTP(≤100 meters) |
| Functional Switch | 100m&250m function switch. default is OFF |
| | When 100m turned on, default is 100m transmission. |
| | When 250m turned on port 9-16 support 10M/250m long-distance transmission |
| 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 | 14.8Gbps (Non-blocking) |
| Forwarding Rate@64byte | 5.36Mpps |
| MAC | 16K |
| Buffer Memory | 4M |
| Jumbo Frame | 10K |
| LED Indicator | Power: PWR (Green), network: Link(Green), PoE: PoE (Green) |
| PoE & Power Supply | |

| | |
|-------------------------------------|---|
| PoE Port | Port 1 to 16 IEEE802.3af/at |
| Power Supply Pin | 1/2(+) 3/6(-) 2-pairs power supply |
| Max Power Per Port | 30W, IEEE802.3af/at |
| Total PWR / Input Voltage | 250W (AC100-240V)/180W Optional |
| Power Consumption | Standby<15W, Full load <250W |
| Power Supply | Built-in power supply, AC100~240V 50-60Hz 5.0A |
| 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) | 270*181*44.5mm |
| Net /Gross Weight | <1.7kg / <2.2kg |
| Installation | Desktop, Wall-mounted, Rack-mounted |
| Certification & Warranty | |
| Lightning Protection | Port 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-P302016C BMHGW | Unmanaged PoE switch, 16*10/100M PoE ports+2*10/100/1000M uplink RJ45 ports, built-in 250W power supply, support IEEE802.3af/at PoE standard. DIP Switch, support 10M/250m transmission. |
| JHA-P302016C BMHGW-M | Unmanaged PoE switch, 16*10/100M PoE ports+2*10/100/1000M uplink RJ45 ports, built-in 180W power supply, support IEEE802.3af/at PoE standard. DIP Switch, support 10M/250m transmission. |

Packing List

| | Content | Qty | Unit |
|--------------|-----------------------------------|-----|------|
| Packing List | 18-port gigabit uplink PoE switch | 1 | SET |
| | AC power line | 1 | PC |
| | Mounting Kits (hanging ears) | 1 | SET |
| | User guide | 1 | PC |
| | Warranty card | 1 | PC |