JHA-P402016BMHGW Series

18-port Full Gigabit Unmanaged PoE Switch , 16*10/100/1000M PoE ports and

2*10/100/1000M Uplink RJ45 Port

Features

■ **Full gigabit port**

◇ Support non-blocking wire-speed forwarding.

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

◇ Provide Gigabit Ethernet ports and dual RJ45 ports uplink 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.

◇ 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.

◇ 16*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

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

◇ CCC, CE, FCC, RoHS.

◇ Low power consumption, galvanized steel casing.

◇ 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.
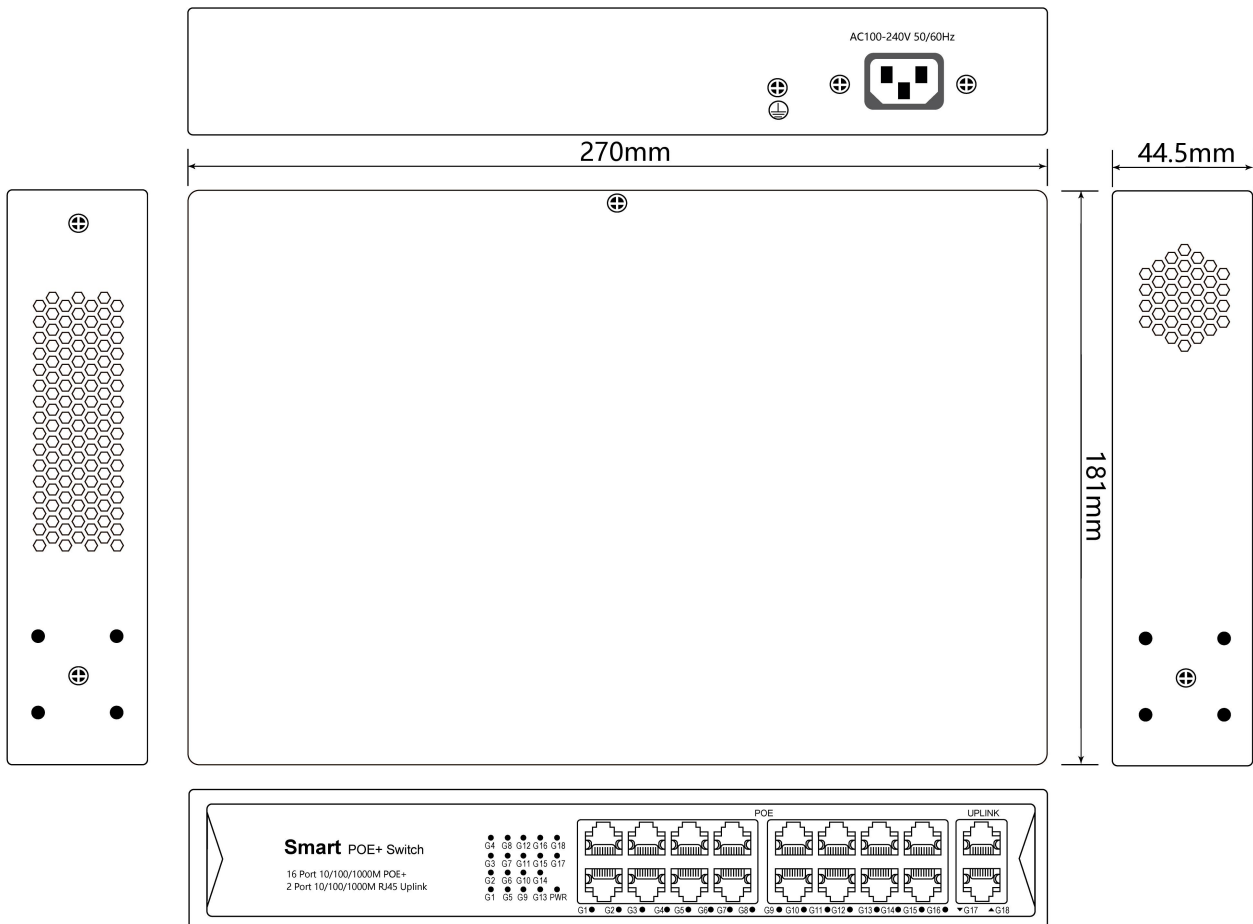
Introduction

The JHA-P402016BMHGW is a full gigabit unmanaged PoE switch. It has 16*10/100/1000Base-T PoE ports and 2*10/100/1000Base-T 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-P402016BMHGW
Interface Characteristics	
Fixed Port	16*10/100/1000Base-T PoE ports (Data/Power) 2*10/100/1000Base-T uplink RJ45 ports (Data)
Ethernet Port	Port 1-16 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	36Gbps (Non-blocking)
Forwarding Rate@64byte	26.78Mpps
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 16
Power Supply Pin	1/2(+) 3/6(-)
Max Power Per Port	30W, IEEE802.3af/at
Total PWR / Input	250W/ (AC100-240V)

Voltage	
Power Consumption	Standby <13W, 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	<1.25kg / <1.6kg
Installation	Desktop, 19 inch 1U cabinet
Certification & Warranty	
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

AC100-240V 50/60Hz

270mm

44.5mm

181mm

Smart POE+ Switch
16 Port 10/100/1000M POE+
2 Port 10/100/1000M RJ45 Uplink

POE

UPLINK

G4 G8 G12 G16 G18
G3 G7 G11 G15 G17
G2 G6 G10 G14
G1 G5 G9 G13 PWR

G1 G2 G3 G4 G5 G6 G7 G8   G9 G10 G11 G12 G13 G14 G15 G16   G17 G18

Ordering Information

Model	Description
JHA-P402016BMHGW	Unmanaged PoE switch,16*10/100/1000M PoE ports+2*10/100/1000M RJ45 ports. built-in 250W power supply, support IEEE802.3af/at PoE standard,compatible with 19-inch cabinet installation.

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Packing List

	Content	Qty	Unit
Packing List	18-port full gigabit PoE switch	1	SET
	AC Power Line	1	PC
	Hardware Mounting Kit	1	SET
	User Guide	1	PC
	Warranty Card	1	PC