

JHA-P10204CBM Series

6-port PoE Switch, 2-port 100Base-T(X) Uplink Port and 4-port 10/100Base-T(X)

IEEE802.3 af/at PoE

Introduction



JHA-P10204CBM series switches provide from one network node uses Cat5 cable simultaneous transmission of data and power, when AC power is not power or take power inconvenient (such as PTZ cameras and WiMAX devices), JHA-P10204CBM series is designed for wireless networks, security automation applications.

JHA-P10204CBM series switches dramatically reduces the cost of wiring the power user, wireless LAN access points, video surveillance cameras and other equipment must be spent to better support the new services and applications, providing users with a higher flexibility and mobility.

Advanced self-sensing algorithm only for standard PD terminal equipment power supply, and therefore do not need to worry about damage to private or non-standard PoE PoE equipment. Simple and reliable design, JHA-P10204CBM series of automatic identification PoE requirements, speed, duplex, and use Auto Up link TM type of cable.

Features

- 4*10/100Mbps POE port, 2*10/100Mbps UP Link port
- 250m Distance
- Support IEEE802.3AF/AT.
- Whole Power: 78W(52V 1.5A)
- All port supported by MDI/MDIX auto flip and self negotiation
- Supply 4 10/100Mbps adaptive high speed forwarding data packet non-lost port.
- Support IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode.
- Each port max. power supply reached 30W.

Specification

Product	4 Port POE Switch (Built-in)
Model	JHA-P10204CBM
POE Port	1 to 4 support IEEE802.3AF/AT Standard
Output Power	15.4W/30W IEEE802.3af/at
Power Pin	Both 1/2+, 3/6- and 4/5+7/8-
Whole Power	≤78W (52V 1.5A)
POE Protocol	IEEE 802.3af/IEEE 802.3at
POE Type	End-span
Power Distance	≤250m
Network Standard	IEEE 802.3、 IEEE802.3u、 802.3x、 802.3af/at
Network Medium	10/100BASE-TX:5 class and above non shielded twisted pair
Data Distance	≤250m
Switch Capability	1.6Gbps
Forwarding Mode	Store and forward
Forwarding Rate	10BASE-T:14880PPS/port 100BASE-tx: 14800pps/port
MAC Address	MAC address table 1K
Port Function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
LED Indicator	LINK/ACT.100Mbps;POE Status Indicator; Power indicator;Extender
Working Environment	Working temperature: -10°-- 55°C
Weight	1kg
Size	200mm*120mm*40mm(L*W*H)

Order Information

Model No.	Description of Goods
JHA-P10204CBM	4*10/100M PoE Port + 2*100M RJ45 uplink Port, build-in power supply,total: 78W, With VLAN

JHA-P10208CBM Series

10-port PoE Switch, with 8-port 10/100Base-T(X) IEEE802.3 af/at PoE

2-port 100Base-T(X) Uplink Port

Introduction



JHA-P10208CBM series switches provide from one network node uses Cat5 cable simultaneous transmission of data and power, when AC power is not power or take power inconvenient (such as PTZ cameras and WiMAX devices), JHA-P10208CBM series is designed for wireless networks, security automation applications.

JHA-P10208CBM series switches dramatically reduces the cost of wiring the power user, wireless LAN access points, video surveillance cameras and other equipment must be spent to better support the new services and applications, providing users with a higher flexibility and mobility.

Advanced self-sensing algorithm only for standard PD terminal equipment power supply, and therefore do not need to worry about damage to private or non-standard PoE PoE equipment. Simple and reliable design, JHA-P10208CBM series of automatic identification PoE requirements, speed, duplex, and use Auto Up link TM type of cable.

Features

- 8*10/100Mbps POE port; 2*10/100Mbps UP Link port
- 250m Distance
- Whole Power: 120W(52V 2.3A)
- All port supported by MDI/MDIX auto flip and self negotiation
- Supply 8 10/100Mbps adaptive high speed forwarding data packet non-lost port.
- Support IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode.
- Each port max. power supply reached 30W.

Specification

Product	8+2 Port 250m POE Switch (Built-in)
Model	JHA-P10208CBM
POE Port	1 to 8 support IEEE802.3AF/AT Standard
Output Power	15.4W/30W IEEE802.3af/at
Power Pin	Both 1/2+, 3/6- and 4/5+7/8-
Whole Power	≤120W (52V 2.3A)
POE Protocol	IEEE 802.3af/IEEE 802.3at
POE Type	End-span
Power Distance	≤250m
Network Standard	IEEE 802.3、IEEE802.3u、802.3x、802.3af/at
Network Medium	10/100BASE-TX:5 class and above non shielded twisted pair
Data Distance	≤250m
Switch Capability	1.6Gbps
Forwarding Mode	Store and forward
Forwarding Rate	10BASE-T:14880PPS/port 100BASE-tx: 14800pps/port
MAC Address	MAC address table 1K
Port Function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
LED Indicator	LINK/ACT.100Mbps;POE Status Indicator; Power indicator;Extender
Working Environment	Working temperature: -10°-- 55°C
Weight	1.7kg
Size	270mm*180mm*44mm(L*W*H)

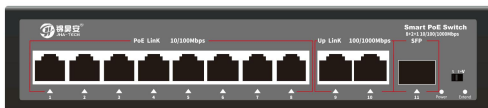
Order Information

Model No.	Description of Goods
JHA-P10208CBM	8*10/100M PoE Port+2*100M RJ45 Port, Total: 120W, Build-in power supply, with VLAN

JHA-P31208BM Series

11-port PoE Switch, 8-port 10/100Base-T(X) IEEE802.3 af/at PoE 2-port 10/100/1000Base-T(X) Uplink Port and 1-port 10/100/1000Base-FX(SFP Slot)

Introduction



JHA-P31208BM series switches provide from one network node uses Cat5 cable simultaneous transmission of data and power, when AC power is not power or take power inconvenient (such as PTZ cameras and WiMAX devices), JHA-P31208BM series is designed for wireless networks, security automation applications.

JHA-P31208BM series switches dramatically reduces the cost of wiring the power user, wireless LAN access points, video surveillance cameras and other equipment must be spent to better support the new services and applications, providing users with a higher flexibility and mobility.

Advanced self-sensing algorithm only for standard PD terminal equipment power supply, and therefore do not need to worry about damage to private or non-standard PoE PoE equipment. Simple and reliable design, JHA-P31208BM series of automatic identification PoE requirements, speed, duplex, and use Auto Up link TM type of cable.

Features

- 8*10/100Mbps POE port; 2*100/1000Mbps UP Link port; 1*100/1000Mbps SFP port.
- 250m Distance; Vlan Support
- REALTEK Chipset
- Support IEEE802.3AF/AT
- Whole Power: 120W(52V 2.3A)
- All port supported by MDI/MDIX auto flip and self negotiation
- Supply 8 10/100Mbps adaptive high speed forwarding data packet non-lost port.
- Support IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode.
- Each port max. power supply reached 30W.

Specification

Product	8+2+1 Port 250m POE Switch (Built-in)
Model	JHA-P31208BM
POE Port	1 to 8 support IEEE802.3AF/AT Standard
Output Power	15.4W/30W IEEE802.3af/at
Power Pin	Both 1/2+, 3/6- and 4/5+7/8-
Whole Power	≤120W (52V 2.3A)
POE Protocol	IEEE 802.3af/IEEE 802.3at
POE Type	End-span
Power Distance	≤250m
Network Standard	IEEE 802.3、 IEEE802.3u、 802.3x、 802.3af/at
Network Medium	10/100BASE-TX:5 class and above non shielded twisted pair
Data Distance	≤250m
Switch Capability	12Gbps
Forwarding Mode	Store and forward
Forwarding Rate	100Mbps:14880pps 1000BASE-T: 1488095pps/port
MAC Address	MAC address table 2K
Port Function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
LED Indicator	LINK/ACT.100Mbps;POE Status Indicator; Power indicator;Extender
Working Environment	Working temperature: -10°-- 55°C
Weight	1.2kg
Size	270mm*180mm*44mm(L*W*H)

Order Information

Model No.	Description of Goods
JHA-P31208BM	8*10/100M PoE Port+2*10/100/1000M RJ45 Port+1*10/100/1000M Fiber Port, SFP Slot, Build-in power supply, with VLAN

JHA-P312016CBM Series

19-port PoE Switch, 16-port 10/100Base-T(X) IEEE802.3 af/at PoE 2-port 10/100/1000Base-T(X) Uplink Port and 1-port 1000Base-FX(SFP Slot)

Introduction



JHA-P312016CBM series switches provide from one network node uses Cat5 cable simultaneous transmission of data and power, when AC power is not power or take power inconvenient (such as PTZ cameras and WiMAX devices), JHA-P312016CBM series is designed for wireless networks, security automation applications.

JHA-P312016CBM series switches dramatically reduces the cost of wiring the power user, wireless LAN access points, video surveillance cameras and other equipment must be spent to better support the new services and applications, providing users with a higher flexibility and mobility.

Advanced self-sensing algorithm only for standard PD terminal equipment power supply, and therefore do not need to worry about damage to private or non-standard PoE PoE equipment. Simple and reliable design, JHA-P312016CBM series of automatic identification PoE requirements, speed, duplex, and use Auto Up link TM type of cable.

Features

- 16*10/100Mbps POE port; 2*10/100/1000Mbps UP Link
- 250m Distance; Vlan support
- Support IEEE802.3AF/AT
- Whole Power: 250W(52V 4.8A)
- All port supported by MDI/MDIX auto flip and self negotiation
- Support IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode.
- Each port max. power supply reached 30W..

Specification

Model	16+2+1 port 250m POE switch(Built-in)
Model No.	JHA-P312016CBM
PoE Port	1 to 16 port support IEEE802.3af/at
UP link port	17 th -18 th port support 1000Mbps
PoE output	15.4W/30W IEEE802.3af/at
PoE whole power	≤250W
PoE type	End-span
Power distance	≤250m
Network Standard	IEEE 802.3、 IEEE802.3u、 802.3x、 802.3af/at
Network Medium	100/1000BASE-TX: 5 class and above non shielded twisted pair
Data Distance	≤250m
Switch capability	12Gbps
Forwarding Mode	Store and forward
Forwarding Rate	100Mbps:14880pps 1000Mbps:14800pps 1000BASE-T: 1488095pps/port
MAC Address	2K MAC address table
Port function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
Indicator	LINK/ACT. 100Mbps;POE Status indicator; POWER indicator;EXTENDER indicator
Working Environment	Working Temperature: -10°-- 55°C
Input power	AC100-240V 50/60HZ
Weight	2.1kg
Size	270mm*180mm*44mm(L*W*H)

Order Information

Model No.	Description of Goods
JHA-P312016CBM	16 Ports 10/100M PoE+2 Uplink Gigabit Ethernet Port+1 Gigabit SFP Fiber Port,build-in power supply,with VLAN

JHA-P41114BM Series

6-port PoE Switch, with 4-port 10/100/1000Base-T(X) IEEE802.3 af/at PoE,
1-port 10/100/1000Base-T(X) Uplink Port and 1-port 1000Base-FX(SFP Slot)

Introduction



JHA-P41114BM series switches provide from one network node uses Cat5 cable simultaneous transmission of data and power, when AC power is not power or take power inconvenient (such as PTZ cameras and WiMAX devices), JHA-P41114BM series is designed for wireless networks, security automation applications.

JHA-P41114BM series switches dramatically reduces the cost of wiring the power user, wireless LAN access points, video surveillance cameras and other equipment must be spent to better support the new services and applications, providing users with a higher flexibility and mobility.

Advanced self-sensing algorithm only for standard PD terminal equipment power supply, and therefore do not need to worry about damage to private or non-standard PoE PoE equipment. Simple and reliable design, JHA-P41114BM series of automatic identification PoE requirements, speed, duplex, and use Auto Up link TM type of cable.

Features

- 4*100/1000mbps POE port; 1*100/1000mbps UP Link port; 1*100/1000mbps SFP
- 100m Distance
- Support Vlan.
- Support IEEE802.3AF/AT
- Whole Power: 78W(52V 1.5A)
- All port supported by MDI/MDIX auto flip and self negotiation
- Supply 4 100/1000Mbps adaptive high speed forwarding data packet non-lost port.
- Support IEEE802.3x flow control for Full-duplex mode and backpressure for Half-duplex mode.
- Each port max. power supply reached 30W.

Specification

Product	4 Port SFP POE Switch (Built-in)
Model	JHA-P41114BM
POE Port	1 to 4 support IEEE802.3AF/AT Standard
Output Power	15.4W/30W IEEE802.3af/at
Power Pin	Both 1/2+、 3/6- and 4/5+7/8-
Whole Power	≤78W (52V 1.5A)
POE Protocol	IEEE 802.3af/IEEE 802.3at
POE Type	End-span
Power Distance	≤150m
Network Standard	IEEE 802.3、 IEEE802.3u、 802.3x、 802.3af/at
Network Medium	10/100BASE-TX:5 class and above non shielded twisted pair
Data Distance	≤150m
Switch Capability	12Gbps
Forwarding Mode	Store and forward
Forwarding Rate	10BASE-T:14880PPS/port 100BASE-tx: 14800pps/port 1000BASE-tx: 1488095pps/port
MAC Address	MAC address table 2K
Port Function	Power priority mechanism, fast and forward, MAC automatic learning and aging IEEE802.3X Full-duplex and mode and backpressure for Half-duplex mode
LED Indicator	Each port occupied 1 LINK/ACT.100Mbps, POE Status Indicator, Whole power indicator
Working Environment	Working temperature: -10°-- 55°C
Weight	1kg
Size	200mm*120mm*40mm(L*W*H)

Order Information

Model No.	Description of Goods
JHA-P41114BM	4 Ports 10/100/1000M PoE + 1 Uplink Gigabit Ethernet Port+1 Gigabit SFP Fiber Port,build-in power supply,with VLAN

JHA-P420016B Series

18-port PoE Switch, with 16-port 10/100/1000Base-T(X) IEEE802.3 af/at PoE, 2-port 1000Base-FX(SFP Slot)

Introduction



JHA-P420016B series switches provide from one network node uses Cat5 cable simultaneous transmission of data and power, when AC power is not power or take power inconvenient (such as PTZ cameras and WiMAX devices), JHA-P420016B series is designed for wireless networks, security automation applications.

JHA-P420016B series switches dramatically reduces the cost of wiring the power user, wireless LAN access points, video surveillance cameras and other equipment must be spent to better support the new services and applications, providing users with a higher flexibility and mobility.

Advanced self-sensing algorithm only for standard PD terminal equipment power supply, and therefore do not need to worry about damage to private or non-standard PoE PoE equipment. Simple and reliable design, JHA-P420016B series of automatic identification PoE requirements, speed, duplex, and use Auto Up link TM type of cable.

Features

- Use unshielded twisted pair can combine up to four power supply terminal equipment.
- Support 16 10/100/1000Base-TX PoE port and 2 1000Base-FX(SFP Slot)
- PoE power supply distance 100m.
- Support IEEE802.3 af (15.4W) and IEEE802.3 at (30W) PoE standard.
- Dynamic LED for easy status at any time for the port to work with the power supply situation.
- Through the secondary lightning protection chip design, while avoiding electrostatic induction, circuit isolation protection Plug and Play.
- No configuration, power is automatically supplied to the adaptive equipment.

Specification

PoE Feature	IEEE802.3af, IEEE802.3at power with international standards
PoE Parameters (Per Port)	IEEE802.3af 15.4W IEEE802.3at 30W
Maximum Power	IEEE802.3af standard: 250W
Power Line Pair	Data lines 12, 36, optional spare line for 45, 78
UTP Port Parameters	UTP Port: RJ45 Cable Type: Cat 5 (UTP), Cat 6 or higher Transmission distance: 100m
Protocol Standards	IEEE802.3i 100Base-T IEEE802.3u 100Base-TX IEEE802.3x Flow Control IEEE802.3af IEEE802.3at
Performance Specification	Store and Forward Backplane Bandwidth: 52Gbps (Non-blocking) Packet Forwarding Rate: 1.19Mpps Transmission Mode: full / half duplex adaptive Addressing: 48-bit MAC address Address Database Size: 1000 MAC addresses Buffer Memory: 96Kb Delay: For 100Base-TX transmission data, 64-byte data frame delay does not exceed 20 microseconds
LED Indicator	Per port: speed, link indicator Per Device: Power light, PoE work lights
Certification	CE, FCC, RoHS
Dimension	440*285*45mm (L * W * H)
Weight	3.9KG
Working Environment	Operating Temperature: -10~55℃ Operating Humidity: 5%~90% Storage Temperature: -10~55℃ Storage Humidity: 5% to 90% non-condensing
Certification	CE, FCC, RoHS
Warranty	3-years

Order Information

Model No.	Description of Goods
JHA-P420016B	16 Ports 10/100/1000M PoE Port+2 Gigabit SFP Fiber Port,build-in power supply, total:250W
JHA-P420016BT	16 Ports 10/100/1000M PoE Port+2 Gigabit SFP Fiber Port,build-in power supply, total:400W

JHA-P420024B Series

26-port PoE Switch, with 24-port 10/100/1000Base-T(X) IEEE802.3 af/at PoE,
2-port 1000Base-FX(SFP Slot)

Introduction



JHA-P420024B series switches provide from one network node uses Cat5 cable simultaneous transmission of data and power, when AC power is not power or take power inconvenient (such as PTZ cameras and WiMAX devices), JHA-P420024B series is designed for wireless networks, security automation applications.

JHA-P420024B series switches dramatically reduces the cost of wiring the power user, wireless LAN access points, video surveillance cameras and other equipment must be spent to better support the new services and applications, providing users with a higher flexibility and mobility.

Advanced self-sensing algorithm only for standard PD terminal equipment power supply, and therefore do not need to worry about damage to private or non-standard PoE PoE equipment. Simple and reliable design, JHA-P420024B series of automatic identification PoE requirements, speed, duplex, and use Auto Up link TM type of cable.

Features

- Use unshielded twisted pair can combine up to four power supply terminal equipment.
- Support 24 10/100/1000Base-TX PoE port and 2 1000Base-FX(SFP Slot)
- PoE power supply distance 100m.
- Support IEEE802.3 af (15.4W) and IEEE802.3 at (30W) PoE standard.
- Dynamic LED for easy status at any time for the port to work with the power supply situation.
- Through the secondary lightning protection chip design, while avoiding electrostatic induction, circuit isolation protection Plug and Play.
- No configuration, power is automatically supplied to the adaptive equipment.

Specification

PoE Feature	IEEE802.3af, IEEE802.3at power with international standards
PoE Parameters (Per Port)	IEEE802.3af 15.4W IEEE802.3at 30W
Maximum Power	IEEE802.3af standard: 250W
Power Line Pair	Data lines 12, 36, optional spare line for 45, 78
UTP Port Parameters	UTP Port: RJ45 Cable Type: Cat 5 (UTP), Cat 6 or higher Transmission distance: 100m
Protocol Standards	IEEE802.3i 100Base-T IEEE802.3u 100Base-TX IEEE802.3x Flow Control IEEE802.3af IEEE802.3at
Performance Specification	Store and Forward Backplane Bandwidth: 52Gbps (Non-blocking) Packet Forwarding Rate: 1.19Mpps Transmission Mode: full / half duplex adaptive Addressing: 48-bit MAC address Address Database Size: 1000 MAC addresses Buffer Memory: 96Kb Delay: For 100Base-TX transmission data, 64-byte data frame delay does not exceed 20 microseconds
LED Indicator	Per port: speed, link indicator Per Device: Power light, PoE work lights
Certification	CE, FCC, RoHS
Dimension	440*285*45mm (L * W * H)
Weight	4.2KG
Working Environment	Operating Temperature: -10~55℃ Operating Humidity: 5%~90% Storage Temperature: -10~55℃ Storage Humidity: 5% to 90% non-condensing
Certification	CE, FCC, RoHS
Warranty	3-years

Order Information

Model No.	Description of Goods
JHA-P420024B	24 Ports 10/100/1000M PoE Port+2 Gigabit SFP Fiber Port,build-in power supply, total:250W
JHA-P420024BT	24 Ports 10/100/1000M PoE Port+2 Gigabit SFP Fiber Port,build-in power supply, total:400W