JVS-S10-8P-120W

8CH AI PoE Switch

Product Description:

JVS-S10-8P-120W 1000M uplink POE switches provide 8 10/100m adaptive RJ45 ports and 2 10/100/1000M adaptive RJ45 ports. Ports 1 to 8 provide POE power supply and can serve as Ethernet power supply devices. All POE ports can automatically detect and identify electrical devices that comply with IEEE 802.3af/at standards and supply power to them through network cables.

This model supports intelligent AI detection. When the monitoring device crashes or the network is abnormally interrupted, the AI algorithm is used to determine the intelligent restart of the POE port device.

Support automatic network optimization: automatically judge the status of network signal transmission, intelligent switch mode, long distance transmission is stable without disconnection.

Product Characteristics:

- Comply with IEEE 802.3 Ethernet and IEEE 802.3u Fast Ethernet protocol standards;
- Support IEEE 802.3af/at standard, compatible with PD that supports IEEE 802.3af/at
- Supports three modes: common switch, automatic AI detection, remote transmission, and port isolation
- Provides 8 10/100m adaptive POE power supply ports and 2 uplink 10/100/1000M adaptive RJ45 ports
- All ports support the Auto MDI/MDI-X function
- Supports IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control
- All ports have wire-speed forwarding capability
- Supports MAC address self-learning and aging
- Full metal casing, full load 120W
- Plug and play

Software Specifications:

- Complies with IEEE 802.3 Ethernet and IEEE 802.3u Fast Ethernet protocol standards
- Compliant with IEEE 802.3af/at standards for receiving devices (PD)
- Compatible with certified non-standard electrical receiving equipment (PD)
- Store and forward
- MAC automatic learning and aging
- IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control

Hardware Specifications:

Port	100M PoE	8
	1000M Cascade RJ45	2
Function	Storage and Forwarding	Support
	Exchange Content	5.6G
	MAC Address	2K
Use Environment	Working temperature: 0 ℃ ~ 40 ℃ Storage temperature: -40 ℃ ~ 70 ℃	
	Working humidity: 10% ~ 90% RH does not condense Storage humidity: 5% ~ 90% RH does not condense	
PoE Standard	Standard IEEE802.3af/at single port maximum power 30W Support overcurrent, overvoltage, short-circuit protection Support for High Power PD soft start Support sequential boot	
Input Power Supply	AC input 100-250V, standard 100W/120W power supply	
Supported Standards & Protocols	IEEE 802.3 Ethernet Media access Control Protocol IEEE 802.3i 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3af implements power supply for Ethernet devices through Ethern data cable pairs or devices IEEE 802.3at implements high power supply for Ethernet devices through Ethernet data cable pairs or devices IEEE 802.3x flow control	
System Mode	D(Default working mode) E (AI+ Remote)/V (AI+ Port isolation)	
Data Signaling Rate	Ethernet 10Mbps half-duplex, 20Mbps full duplex Fast Ethernet 100Mbps half-duplex, 200Mbps full duplex Gigabit Ethernet 2000Mbs full duplex	
Network Medium	1000Base-T: 4 pairs Cat5e or more UTP/STP(≤100m) 100Base-TX: 2 pairs Cat5 or more UTP/STP (≤ 100m) 10Base-TX: 2 pairs Cat5 or more UTP/STP (≤ 250m)	
Physical Specification	Product size: 190mm*140mm*43mm (L*W*H)	