

24 Port Gigabit Managed PoE Switch PS2024G



Overview

PS2024G with 24 10/100/1000Mbps PoE port, all ports support wire-speed forwarding, 4 gigabit optical interfaces (SFP port) for high-speed connection. It supplies power for device support IEEE802.3af/at standard, so the user no need to worry about the PoE switch would damage the non PoE device. And also when the PoE device is disconnected, the PoE switch will stop providing power. The product is highly integrated design, lightweight, simple operation, suitable for medium or large office. Based on gigabit network technology, avoid network traffic and have a good network adaptability. Used (802.3az) Green Ethernet technology, by detecting of the length cable and the work load, automatically adjust the signal strength without reducing the operation performance and efficiency of the device, reduce energy consumption and protect the environment.

Key Features

- IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3af standard
- Flow control approach: Half/Full-duplex IEEE with 802.3x standard, Half-duplex with Back-pressure standard
- 24 port 10/100/1000Mbps PoE port, 4 Gigabit SFP port
- UTP Port support automatic consultation function, Automatic transmission way and the transmission rate
- Store-and-forward switching method
- Dynamic LED lamp indicate the working state and troubleshooting
- Support IEEE802.3af/at standard, single port power supply up to 30 w
- Maximum transmission distance 100 meters
- 1-8 ports max distance up to 250meters by Cat6 cable with speed 10Mbps
- Power for AP or IP surveillance by Cat5 cable
- LED light indicate running state

AI Extend: 1-8 ports support 250 meters long distance power supply (should be use cat5e or cat6 cable)

AI VLAN: Isolating ports 1-24 port each other can effectively suppress network storms and improve network performance.

AI QoS: Customize application priority to improve network sensitivity. For example, video priority, monitoring transmission is more smooth

AI PoE: Automatically detect the power receiving port, find the dead device, power off and restart the device

Technological Specifications

Network port	10/100/1000Mbps 24 PoE RJ45 port(port 1 ~ port 24)
	4 Gigabit SFP uplink port
Management port	1 console port
Switch performance	Bandwidth : 56Gbps (non-blocking)
	MAC address capacity : 16K
Software function	IEEE 802.3,10Base-T Ethernet standard
	IEEE 802.3u, fast Ethernet standard
	IEEE 802.3ab,gigabit Ethernet standard
	IEEE 802.3x , full duplex Ethernet data link flow control
	IEEE 802.3ad , link aggregation protocol
	IEEE 802.1ab-2005 , LLDP protocol
	IEEE 802.w, fast spanning tree protocol
	IEEE 802.1q , VLAN standard
	IEEE 802.1p , QoS/CoS service quality
	IGMP Snooping
DHCP Snooping	
LEDs indicator	Power PoE
	1000M Link/ACT , 100M Link/ACT ,
Log in	IP: 192.168.254.1 User name: admin Password: admin
Power	PoE power : 300W (PoE port 1 ~ port24)
	Max Power : 300W
	Single port max 30Watt
Dimensions	Size (LxWxH) : 440mm x 320 mm x 44 mm
	Weight : 5kg
Environment	Working Temperature : 0°~55°C
	Storage Temperature : -40°C~70°C
	Working Humidity : 10%~90% (Non-condensing)
	Storage Humidity : 5%~95% (Non-condensing)

Package

PoE switch

Power cord

User manual