24 Port 10/100M PoE Switch

PS6024

Overview

The 24 -Port unmanaged POE Switch, with 24 100Mbit RJ45 ports,2 Gigabit Copper/SFP Combo uplink Port,Model PS6024,reduces equipment and installation costs by delivering data and power over existing Ethernet cables (CAT5 cable)to Power over Ethernet (POE) enabled devices such as Access Points and IP Cameras.Boost office efficiency and reduce network congestion with a total switching capacity of 8.8Gbps.LED indicators display devices status for easy power management and troubleshooting.A convenient on/off button is located on the back of the switch. Non-POE devices can connect to the switch—auto-sensing POE technology cuts power to non-POE connected devices. Use POE Splitter with the PS6024 to install non-POE devices in remote locations.

Key features

• 24-Port 10/100Mbps + 2 gigabit Copper/SFP Combo uplink Port unmanaged POE Switch

• 24 -Port supply power to POE Powered Device

• Complies with the IEEE 802.3af/at standard

•Each switch port support auto-negotiation-10/20, 100/200Mbps (Fast Ethernet) , 1000/2000Mbps (Gigabit Ethernet).

•Support MAC address auto-learning and auto-aging

•Prevents packet loss with back pressure (Half-duplex) and IEEE 802.3x PAUSE frame flow control (Full-duplex)

•High performance Store and Forward architecture, broadcast storm control, runt / CRC filtering eliminates erroneous packets to optimize the network bandwidth

•Non-blocking switching architecture that forwards and filters packets at full wire-speed for maximum throughput

•8.8 GBPS Switching Capacity

•On/Off power switch

Specifications

Product name	**24-ports unmanaged POE switch**
Order No.	**PS6024**
Network protocols and standards	**- IEEE 802.3 10BASE-T** **- IEEE 802.3u 100BASE-TX** **- IEEE 802.3ab 1000BASE-T** **- IEEE 802.3z 1000BASE-X** **- IEEE 802.3x Flow Control** **- IEEE 802.3af/at Power over Ethernet**
Power Specifications	**- Power consumption: 250W** **- Voltage: 100 - 240 VAC, 50 -60 Hz**
Network interface	**- 24 10/100M ports (MDI / MDIX adaptive); ports with PoE features (24)** **- 2 10/100/1000Mbps Gigabit copper RJ45 ports (MDI / MDIX adaptive)** **- 2 10/100/1000Mbps SFP GBIC fiber module slots**
Physical Specifications	**- Weight: 3kg**
Electromagnetic radiation	**- CE mark, commercial** **- FCC Part 15 Class A** **- VCCI Class A** **- C-Tick**

Environmental norms	- Operating Temperature: 0 ° - 40 ° C (32 ° - 104 ° F) - Storage Temperature: -20 ° - 70 ° C (-4 ° - 158 ° F) - Operating Humidity: Maximum relative humidity 90% without condensation - Storage humidity: 95% maximum relative humidity, non-condensing - Working height: up to 10,000 feet (3,000 meters) - storage altitude: the largest 10,000 feet (3,000 meters)
LEDs	- Each device: power light - Per port (10/100 and Gigabit): connection speed indicator - Per POE port: POE power-on LED
Radiation electromagnetic immunity	- EN 55024
Certification	- CE, FCC, ROHS
Performance Specifications	- Forwarding modes: Store and forward - Bandwidth: 8.8 GBPS (non-blocking) - network latency: 100 Mbps to 100 Mbps transmission, storage and forwarding mode under a 64-byte frame delay is less than 20 microseconds - Buffer memory: 3Mb per system - Addressing: 48-bit MAC address - the address database size: 8,000 per system MAC address - Mean failure interval (MTBF): 300,000 hours (about 34 years)
Package Contents	- PS6024, 24 port POE switch - the power cord - L rails