

# PSG-3124A

## 24-Port Gigabit Ethernet PoE Switch (380W)



### Description



PSG-3124A is an L2 unmanaged PoE switch with 24x10/100/1000Mbps ports and 2 Gigabit SFP ports for uplink, each PoE port allows to supply up to 30W and can supply power for IP Surveillance, VoIP Phone, wireless access point and other power devices. The plug & play technology enable this switch to interact with devices automatically after connected. The switch built-in flow control, it is to improve network performance for SMB applications in offices.

### Features Highlight

- Auto negotiation**  
 PSG-3124A is unmanaged PoE switch and equipped with 24x10/100/1000Base-T, let the small work groups flexibly connected to the Ethernet. These intelligent port automatically detect network speed and automatic negotiation 1000Base-T, 100Base-TX and 10Base-T, as well as the full duplex and half duplex.
- Traffic control safety transmission**  
 All ports support IEEE 802.3x flow control protocol. This function is when the port's receive buffer is full and sent collision signal, it can maximum limit reduce the packet is discarded. It is provided in full duplex and back-pressure flow control in half duplex.
- Automatic MDI/MDI-X**  
 All ports support auto MDI/MDI-X crossover functions. Any port can use normal through twisted-pair cable, easy access to the server or switch.
- PoE Support**  
 To reduce the required time and cost of installing additional electrical sources, the PSG-3124A implements PoE technology. The switch supplies power over the same cable that is used to carry network traffic and delivers a power budget of 380W
- 1U steel shell for 19" Rack mouting**  
 Support mouting for 19 inch of the standards frame structure.

### Specifications

Standards		Power	
IEEE 802.3	10Base-T (Ethernet)	PoE Power Budget	380W
IEEE 802.3u	100Base-TX (Fast Ethernet)	Power Supply	Internal Power Supply 100-240VAC, 50/60Hz
IEEE 802.3ab	1000Base-T (Gigabit Ethernet)	Mechanical and Environment	
IEEE 802.3z	1000Base-X	Operating Temperature	0~40°C
IEEE 802.3x	Flow Control (full-duplex flow control)	Storage Temperature	-40~70°C
IEEE 802.3az	Energy-Efficient Ethernet	Operating Humidity	10~95% RH (non-condensing)
IEEE 802.3af	Power over Ethernet (PoE)	Storage Humidity	5~95% RH (non-condensing)
IEEE 802.3at	Power over Ethernet Plus (PoE+)	Dimension (W x H x D)	441 x 44 x 190 (mm)
Interface		Standards and Certifications	
Ports	24 x 10/100/1000Base-T, RJ45 port 2 x 1000Base-SX/LX, SFP port	Standards Compliance	FCC Part 15, Subpart B Class A ANSI C63.4-2014 EN55032: 2015+AC:2016 Class A EN55035: 2017 LVD EN62368-1:2014 EN/IEC/UL 60950-1
LED Panel	PWR, PoE Max, PoE, LNK/ACT	Green Product	RoHS
Features		Ordering Information	
Performance	Switching Capacity: 52Gbps Forwarding Rate: 38.7Mpps Packet Buffer Memory: 4.1Mbits Jumbo Frame size: 10KBytes MAC Address: 8K Transmission Method: Store and Forward	PSG-3124A	24-Port Gigabit Ethernet PoE Switch
Features	Layer 2 Switch L2 Unmanaged PoE Switch Flow Control, Auto-Nego, Auto MDI/MDI-X	<b>Note :</b> * Specifications subject to change without notice.	

