PoE NETWORK SWITCH

24-Port GIGABIT Ethernet PoE SWITCH

LINK AMERICAN STANDARD

PSG-3124A

Scope of Application

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.

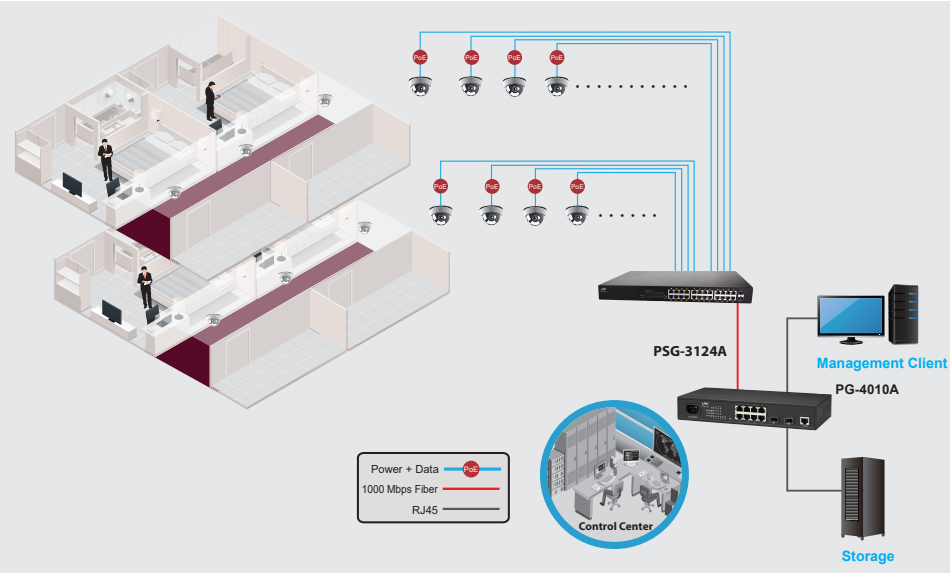
- **Automatic MDI/MDI-X**
  All ports support auto MDI/MDI-X crossover functions. Any port can use normal through twisted-pair cable, easy access to the server or switch.

- **PoE Support**
  To reduce the required time and cost of installing additional electrical sources, the PSG-3108A implements PoE technology delivering power up to 30W per port to IEEE 802.3af/at. 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**
  PSG-3124A supports mouting for 19 inch of the standards frame structure.

Applications

PSG-3124A supports an integration of various Powered Devices such as Wireless AP, IP Cameras or VoIP Phones where the power, voice, video and data are all transmitted on a single cable, eliminating the cost of extra cabling and deployment overhead to make the network more diversified, cost effective and efficiently manageable.



Technical Data

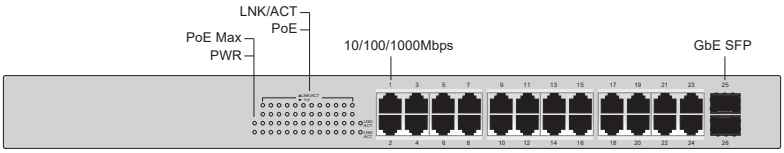
Standards	
IEEE 802.3	10Base-T (Ethernet)
IEEE 802.3u	100Base-TX (Fast Ethernet)
IEEE 802.3ab	1000Base-T (Gigabit Ethernet)
IEEE 802.3z	1000Base-X (SX/LX)
IEEE 802.3x	Flow Control
IEEE 802.3az	Energy-Efficient Ethernet
IEEE 802.3af	Power over Ethernet (PoE)
IEEE 802.3at	Power over Ethernet Plus (PoE+)
Interface	
PoE Port	24 x 10/100/1000Base-T, RJ45 port with PoE
	2 x 1000Base-X, SFP port
LED Panel	PWR, PoE Max, PoE, LNK/ACT
Features	
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
Features	Layer 2 Switch
	L2 Unmanaged PoE Switch
	Flow Control, Auto-Nego, Auto MDI/MDI-X
Power	
PoE Power Budget	380W
Power Input	AC Power Input with Internal Power Supply
Power Requirement	100-240VAC, 50/60Hz

Mechanical and Environment	
Housing	Metal
Dimensions (W x H x D)	441 x 44 x 190 (mm)
Weight	2.98kg
Mounting	19” Rack Mount with L-shaped Bracket
Operating Temperature	0°C to 40°C
Storage Temperature	-40°C to 70°C
Optering Humidity	10% to 95% RH (non-condensing)
Storage Humidity	5% to 95% RH (non-condensing)
Certifications	
EMC	FCC Part 15, Subpart B Class A & CE Approved
	ANSI C63.4-2014
	EN55032: 2015+AC:2016 Class A
	EN55035: 2017
	LVD EN62368-1:2014
	EN/IEC/UL 60950-1
Green Product	RoHS
Ordering Information	
PSG-3124A	24-Port GIGABIT Ethernet PoE SWITCH

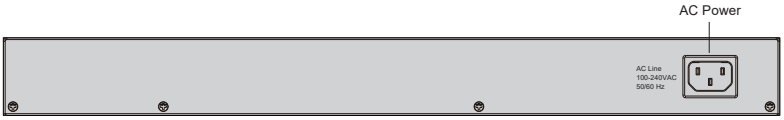
Note :

** Specifications subject to change without notice.*

Drawing



Front View



Back View