

# LA-SW-G0432P

Unmanaged Gigabit 32Port PoE Switch, 32 x 10/100/1000Mbps RJ45 + 4 x Gigabit SFP



## Introduction

LA-SW-G0432P series is an unmanaged switch (supporting PoE function). It has 32 10/100/1000Mbps adaptive RJ45 ports and 4 SFP Gigabit optical ports (Optional with 2Combo TX/SFP). Each RJ45 port supports MDI/MDIX auto flip and wire-speed forwarding functions. Ports 1-32 can support PoE power supply, compliant with the IEEE802.3af/at standard, and can be used as a power-over-Ethernet device. It can automatically detect and identify the power-receiving device that meets the standard and power up via a network cable. Using store-and-forward mode, combined with QoS technology, to ensure that the bandwidth is effectively allocated to each port. It provides stable and reliable power and data transmission for high-power APs, network cameras, PTZ network dome cameras, PoE lighting and other security monitoring equipment.

## Specification

PART NO	LA-SW-G0432P
Provider Mode Ports	
Fixed Port	32*10/100/1000 Base-T + Uplink 4*1000 Base-X (Optional 2Combo TX/SFP)
Management Port	Support console
Power Interface	220V/AC Interface
LED Indicators	PWR, SYS, Link/ACT LED
Cable Type & Transmission Distance	
Twisted-pair	Non PoE: 0-100m (CAT5e, CAT6) PoE (1000Mbps): 0-100m (CAT5e, CAT6) PoE (10Mbps): 0-250m (CAT5e, CAT6)
Mono-mode Optical Fiber	20/40/60/80/100KM

Multi-mode Optical Fiber	550m
<b>Network Topology</b>	
Star Topology	Support
Bus Topology	Support
Tree Topology	Support
<b>Electrical Specifications</b>	
Input Voltage	AC 100-240V 50/60Hz
Total Power Consumption	Non PoE full load <40W PoE full load <440W
<b>PoE Support (Optional)</b>	
PoE Port	1-32
PoE Protocol	802.3af, 802.3at
Pin Assignment	1,2+; 3,6-
PoE Management	Support
<b>Layer 2 Switching</b>	
Switching Capacity	72G
Packet Forwarding Rate	53.568 Mpps
MAC Address Table	16K
Buffer	12M
Forwarding Delay	<10us
MDX/MIDX	Support
Flow Control	Support
Jumbo Frame	Support 10Kbytes
Port Mirroring	Support
Storm Control	Support
<b>Environment</b>	
Operating temperature	POE: -25°C~+60°C Non POE: -25°C~+70°C
Storage temperature	-40°C~+70°C
Relative humidity	5%~95% non-condensing
Thermal methods	Non PoE: fanless design, natural heat dissipation PoE: natural cooling by fan
MTBF	100,000 hours
<b>Environment</b>	
Operating Temperature	POE: -25°C~+60°C Non POE: -25°C~+70°C
Storage Temperature	-40°C~+70°C

Relative Humidity	5%~95% non-condensing
Thermal Methods	Non PoE: Fanless design, natural heat dissipation PoE: forced cooling by fan
MTBF	100,000h
<b>Mechanical Dimensions</b>	
Product Size	440*290*44mm
Installation Method	Rack mount
Weight	Non PoE: 3.3kg PoE: 4.0kg
<b>EMC &amp; Ingress Protection</b>	
Surge Protection of Power	Common mode 6KV, differential mode 6KV
Surge Protection of Ethernet Port	Common mode 4KV
ESD	Contact 8K, air 15K
Free Fall	0.5m
<b>Accessories</b>	
Accessories	Equipment, power cord, certificate, user manual, dust plug

## ■ Ordering Information

PART NO	DESCRIPTION
LA-SW-G0432	Unmanaged Ethernet Switch, 32 x 10/100/1000 Base-T RJ45 Uplink 4 x 1000 Base-X SFP (Optional with 2Combo TX/SFP) AC100-240V 50/60Hz
LA-SW-G0432P	Unmanaged PoE Ethernet Switch, 32 x 10/100/1000 Base-T RJ45 with PoE Uplink 4 x 1000 Base-X SFP (Optional with 2Combo TX/SFP) AC100-240V 50/60Hz