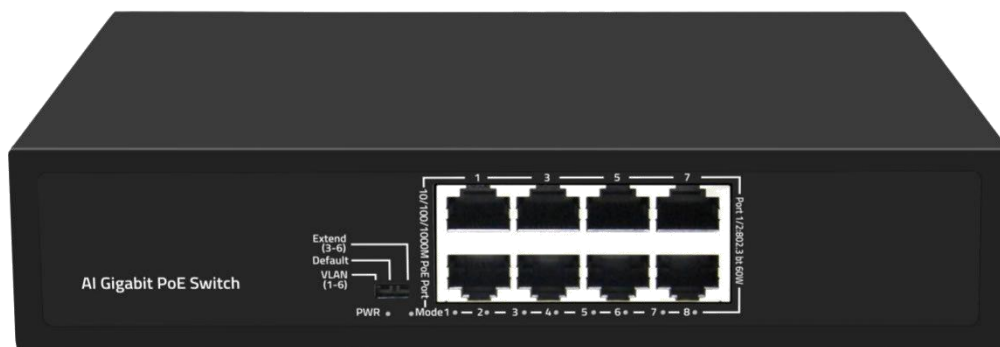# LA-SWAI-G0008PB-120W

8 Port Gigabit AI PoE Switch

▍ Introduction

This 8 Port Gigabit AI Ethernet PoE Switch, using high-quality high-speed network IC and the most stable PoE chip, the switch incorporates the latest AI functions, equipped with two types port priorities, PoE priority and Network priority, one-key smart. The PoE port meets the 802.3af or 802.3at standard. At the same time, port 1/2 supports HiPoE and the power can reach 60W; The power consumption indicators can help to understand the overall power consumption of the product easily. This series of PoE switches can provide seamless connection for 10/100/1000M Ethernet, and the PoE power supply port can automatically detect and supply power to powered devices that comply with IEEE802.3af or IEEE802.3at standards, and non-PoE devices AIly detect no power supply, only data is transferred.

▍ Features

- 8*10/100/1000M rate auto adaptive PoE ports
- Working with IEEE 802.3af/at compliant PDs, expands home and office network
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard
- Support Port Auto-flip (Auto MDI/MDIX)
- One-key smart switch, supports VLAN, Default, Extend three working modes
- Support PoE Watchdog Function, Support link monitoring, abnormal self-test and recovery
- Port 1-2 supports HiPoE and the power can reach 60W
- Support sequence port PoE priority, the higher the port priority
- Support port Surge Protection: Common mode 4KV, Differential mode 2KV; ESD: air 8KV, Contact 6KV
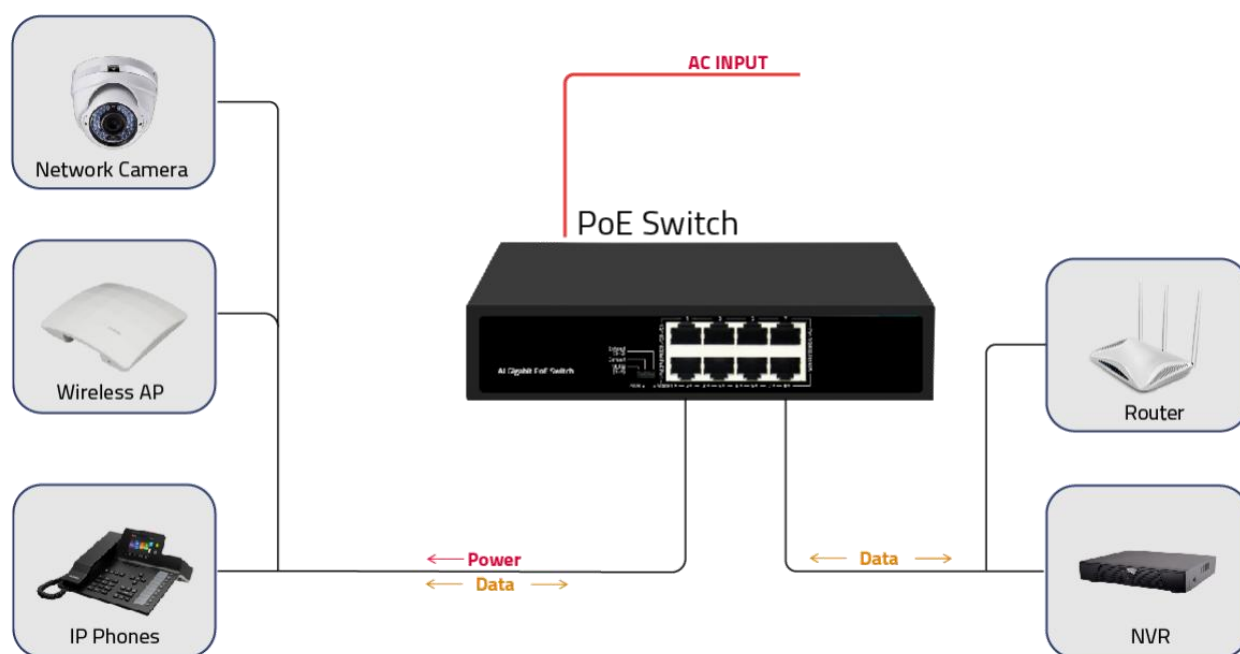
▍ Application

- Metro Optical Broadband Network: Data network operators such as telecommunications, cable TV, and network system integration, etc.
- Broadband private network: Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries
- Multimedia transmission: Integrated transmission of images, voice and data, suitable for remote teaching, conference TV, videophone and other applications
- Real-time monitoring: Simultaneous transmission of real-time control signals, images and data

Product Name	8 port 10/100/1000M AI PoE Switch
Model	LA-SWAI-G0008PB-120W
Power	Input: AC 100-240V, 50/60Hz
Ethernet	8*10/100/1000M PoE Port
Switching Capacity	16Gbps
Throughput	11.9Mpps
Packet Buffer	1Mb
MAC Address	8K
Jumbo Frame	9216bytes
Transfer Mode	Store and forward
MTBF	100000 hour
Network Protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab (1000Base-TX) IEEE802.3x (Flow control)
PoE Protocol	IEEE802.3af (15.4W) IEEE802.3at (30W)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD), EN61000-4-4 (EFT), EN61000-4-5 (Surge) Shock: IEC 60068-2-27 Free Fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Network Medium	10Base-T: Cat3, 4, 5 or above UTP (100m) 100Base-TX: Cat5 or above UTP (100m) 1000Base-TX: Cat5 or above UTP (100m)
Security Certificate	CE, FCC, RoHS
Working Environment	Working Temperature: -20~50°C Storage Temperature: -40~85°C Working Humidity: 10%~90%, non-condensing Storage Temperature: 5%~90%, non-condensing Working Height: Maximum10,000 feet Storage heigh: Maximum 10,000 feet
PWR (Power Supply)	Lighting: Powered Un-Light: No Power
Mode (DIP)	Lighting: VLAN Un-Light: Default Flashing: Extend
1-6 Green (Link&Data)	Lighting: Connecting Flashing: Data Transmit Un-Light: Disconnect
DIP Switch	**VLAN:** Port Isolation, 1-6 port is isolated each other, but all can communicate with uplink port 7/8, AI enable **Default:** Normal mode, all port can communicate with each other, The port AI mode is closed **Extend:** Extend Mode, 3-6 port support 250 meters transmission on 10Mbps/s ,AI enable

Structure Size	Product Dimension (L*W*H): 200*118*44mm Package Dimension (L*W*H): 245*190*60mm N.W: 0.6kg G.W: 0.9kg
Packing Info	Carton MEAS: 505*320*402mm Packing Qty: 20units Packing Weight: 19KG
Power Voltage	Input Voltage: AC 100-240 V Power supply: 52V/2.3A
Package List	Switch 1pc Power cord 1pc User manual 1pc Certification 1pc

▌ Application Topology

▌ Ordering Information

PART NO	DESCRIPTION
LA-SWAI-G0008PB-120W	8 port 10/100/1000M AI PoE Switch, **52V/2.3A**