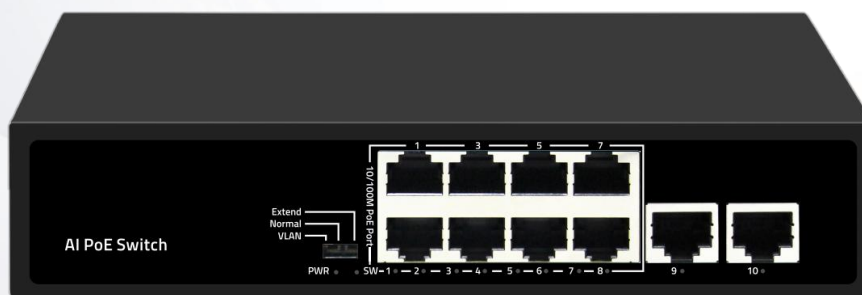


LA-SWAI-F0010P-R120w

Ethernet Switch 2x10/100M RJ45, 8x10/100Base-T PoE Port

VLAN setting, 250meter transmission



Overview

8x10/100Base-T PoE + 2x10/100Base-T Ethernet Switch, provides a seamless connection network, the PoE power port can automatically detect and power the powered devices that comply with the IEEE802.3af or IEEE802.3at standards. Port 1-4 supports IEEE802.3af/at max 30W/port. PoE is Power over Ethernet, which refers to the transmission of data signals to some IP-based terminals (such as IP phones, wireless access APs, network cameras, etc.), but also provides DC power for this device. Technology, these devices that receive DC power are called powered devices. With simple and convenient installation and maintenance methods and rich business features, it helps users to build a safe and reliable high-performance network.

Features

- Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3af/at standards
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts back pressure standard;
- Support port auto flip (Auto MDI/MDIX);
- Automatically supplied to adaptive devices; Panel indicator monitoring status and help failure analysis;
- Support Watchdog Function
- Lightning Protection Surge: General Mode 6KV, Differential Mode 4KV, ESD 8KV.

Specifications

I/O Interface

Power Input AC 100-240V, 50/60Hz, Power supply 52V 2.3A

Fixed Port 8 x10/100Base-TX PoE port
2 x 10/100Base-TX Uplink RJ45 port

Performance

Switching Capacity 2Gbps

Throughput 1.488Mpps

Packet Buffer 448K

MAC Address 1K

Jumbo Frame 2048bytes

Transfer Mode Store and forward

MTBF 100,000 hours

Standard

Network protocol IEEE802.3 (10Base-T)
IEEE802.3u (100Base-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(≤ 250 m)
100Base-TX: Cat5 or above UTP(≤ 150 m)

Certificates

Security Certificate CE, FCC, RoHS

Environment

Working Environment Working Temperature: -10~50°C
Storage Temperature: -40~70°C
Working Humidity: 10%~90%, non-condensing
Storage Humidity: 5%~90%, non-condensing
Working Height: Maximum 10,000 feet
Storage Height: Maximum 10,000 feet

Indication

PWR	Lighting: Powered Un-Light: No Power
SW (DIP)	Lighting: VLAN Un-Light: Normal Flashing: Extend
1-10 Green (Link&Data)	Lighting: Connecting Flashing: Data Transmit Un-Light: Disconnect

VLAN: Port isolation mode. In this mode, the PoE ports (1-8) of the switch cannot communicate with each other, and can only communicate with the UP-link port. The port AI mode is turned on.

Normal: Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100M adaptive; The port AI mode is closed.

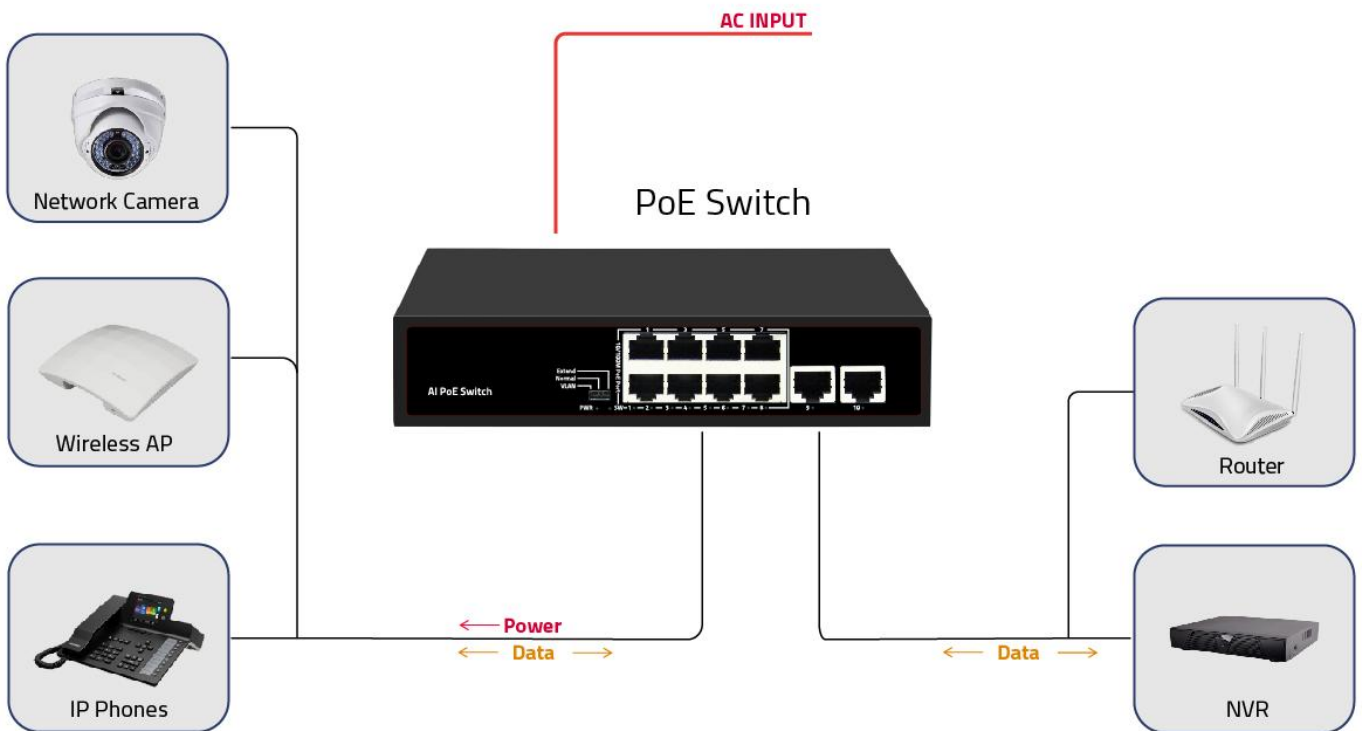
Extend: Link extension mode, 1-8 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M, and the port AI mode is turned on

Mechanical

Structure Size	Product Dimension (L*W*H): 200mm*118mm*44mm Package Dimension (L*W*H): 245mm*190mm*60mm N.W: 0.6kg G.W: 0.9kg
Packing Info	Carton MEAS: 505*320*402mm Packing Qty: 20 units Packing Weight: 19kgs

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



Ordering Information

P/N	Description
LA-SWAI-F0010P-R120w	Ethernet Switch 8x10/100Base-T PoE, Uplink 2xRJ45 Port, 120w