

# LA-SWAI-G0024-R

Ethernet Switch 24x10/100/1000Base-T Port

Rack-mount, VLAN setting, 250meter transmission



## Overview

24Ports Gigabit Ethernet Switch rack-mount type, is 10/100/1000M adaptive, provides a seamless and high-quality main chip-set and network connection with 10/100/1000M adaptive transmission rate. The power consumption indicators can help to understand the overall power consumption of the product easily. The one-key smart DIP Switch, supports VLAN, and data transmission distance can be extended to 250 meters at 10Mbps.

## Features

- IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x
- Support port auto flip (Auto MDI/MDIX)
- Automatically supplied to adaptive devices
- Indicator monitoring status and failure analysis
- Support VLAN Port isolation mode
- Support Extend Port to 250meter transmission
- Flow control mode full-duplex with IEEE 802.3x, and half-duplex adopts back pressure standard.

## Specifications

<b>I/O Interface</b>	
Power Input	AC 100-240V, 50/60Hz
Ethernet	24Port 10/100/1000M RJ45
<b>Performance</b>	

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## Unmanaged Ethernet Switch

Switching Capacity	48Gbps
Throughput	35.71Mpps
Packet Buffer	4M
MAC Address	8K
Jumbo Frame	4Kbytes
Transfer Mode	Store and forward
MTBF	100000 hours

### Standard

Network protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab (1000Base-TX) IEEE802.3x (Flow control)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD) EN61000-4-4 (EFT) EN61000-4-5(Surge)
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)

### Protection

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

### Indication

LED Indicators	PWR (power supply), SW(DIP), 1-24 Green (Link & Data)
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## Unmanaged Ethernet Switch

DIP Switch	<b>VLAN:</b> Port isolation mode. In this mode, the PoE ports (1-22) of the switch cannot communicate with each other, and can only communicate with the UP-link port.
	<b>Normal:</b> Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10/100/1000M adaptive.
	<b>Extend:</b> Link extension mode, 1-22 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M.

### Mechanical

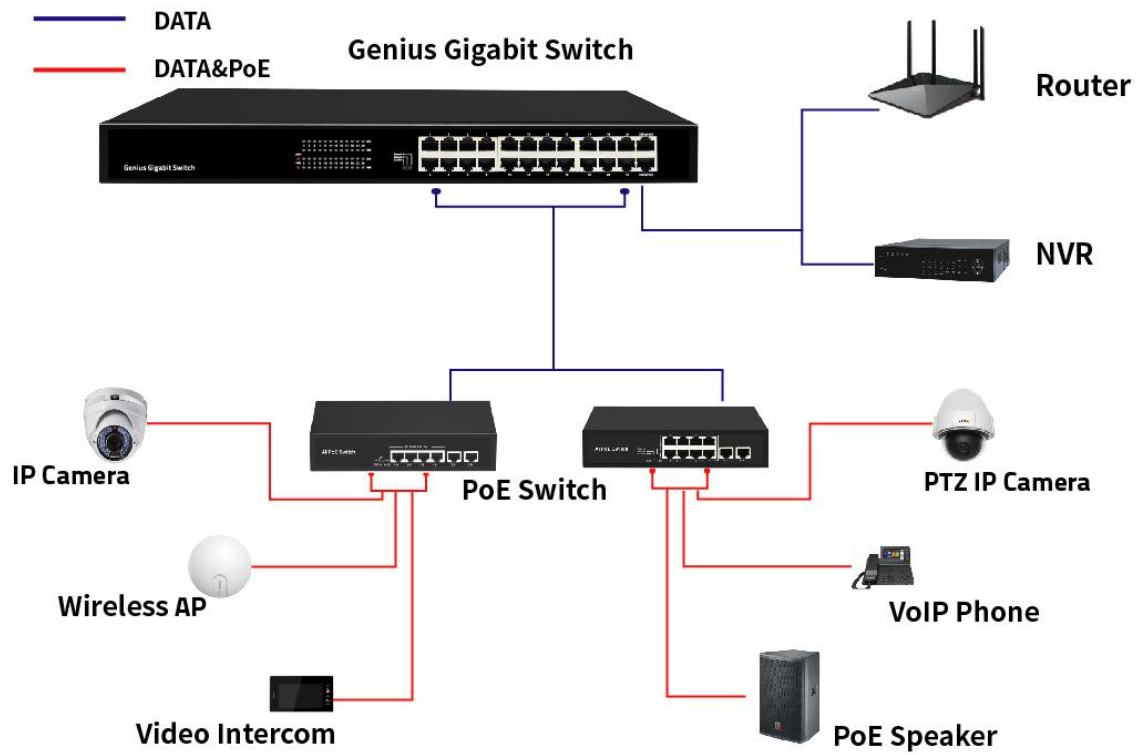
Structure Size	Product: 440*208*44.5mm
	Package: 500*275*85mm
	N.W: 2.2kg
	G.W: 2.7kg
Packing Info	Carton Size: 520*445*300mm
	Packing Qty: 5 units
	Packing Weight: 14.5Kgs

## Applications

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 the device, 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. It can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.

- **Metro Optical Broadband Network**  
Data network operators - telecommunications, cable TV, and network system integration, etc.
- **Broadband Private Network**  
Suitable for financial, government, electric power, education, public security, transportation, oil, railway 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



## Order Information

P/N	Description
LA-SWAI-G0024-R	Unmanaged Ethernet Switch 24x10/100/1000Base-T Port, Rack-mount Type