

LA-SWAI-FGC0224PB-S

Ethernet Switch 2xGE Combo RJ45/SFP, 24x10/100Base-T PoE Port

Port 1-2 supports IEEE802.3bt PoE++ max.90w, VLAN setting, 250meter transmission



Overview

24x10/100M PoE port, with Uplink 2xGigabit Combo(RJ45/SFP) port 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/IEEE802.3at/IEEE802.3bt standards. Port 1-2 supports IEEE802.3af/at/bt, max. PoE++ 90w, Port 3-24 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, IEEE802.3ab, IEEE802.3z IEEE802.3x standards
- Ethernet port supports 10/100M adaptive
- Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard;
- Support port auto flip (Auto MDI/MDIX)
- Panel indicator monitoring status and help failure analysis

Specifications

I/O Interface

Power	Input AC 100-240V, 50/60Hz
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Fixed Port	24 x 10/100M PoE port Uplink 2 x Gigabit Combo(RJ45/SFP) port
Performance	
Switching Capacity	20Gbps
Throughput	6.33Mpps
Packet Buffer	4Mb
MAC Address	8K
Transfer Mode	Store and forward
MTBF	100, 000 hours
Standard	
Network protocol	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX) IEEE802.3ab(1000Base-TX) IEEE802.3z(1000Base-FX) IEEE802.3x (Flow control)
PoE Protocol	1-2 port supports IEEE802.3af/at/poe++/bt max 90w 3-24Ports support IEEE802.3af/at max 30w per port
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 ($\leq 100m$) 100Base-TX: Cat5 or above UTP ($\leq 100m$) 1000Base-TX: Cat5 or above UTP ($\leq 100m$)
Optical Media	Multi-mode fiber : 50/125, 62.5/125, 100/140 μm Single mode fiber: 8/125, 8.7/125, 9/125, 10/125 μm
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

LED Indicators PWR (Power Supply), SW(DIP), 1-28 Green(Link&Data)

PWR Lighting: Powered
Un-Light: No Power

SW Lighting: VLAN
Un-Light: NOM
Flashing: SUPM

1-28 Green Lighting: Connecting
Flashing: Data Transmit
Un-Light: Disconnect

(VLAN) Port isolation mode. In this mode, the PoE ports (1-24) of the switch cannot communicate with each other, and can only communicate with the UP-link port.

DIP Switch **(NOM)** Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M/100M adaptive

(SUPM) Link extension mode, 3-24 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M

Mechanical

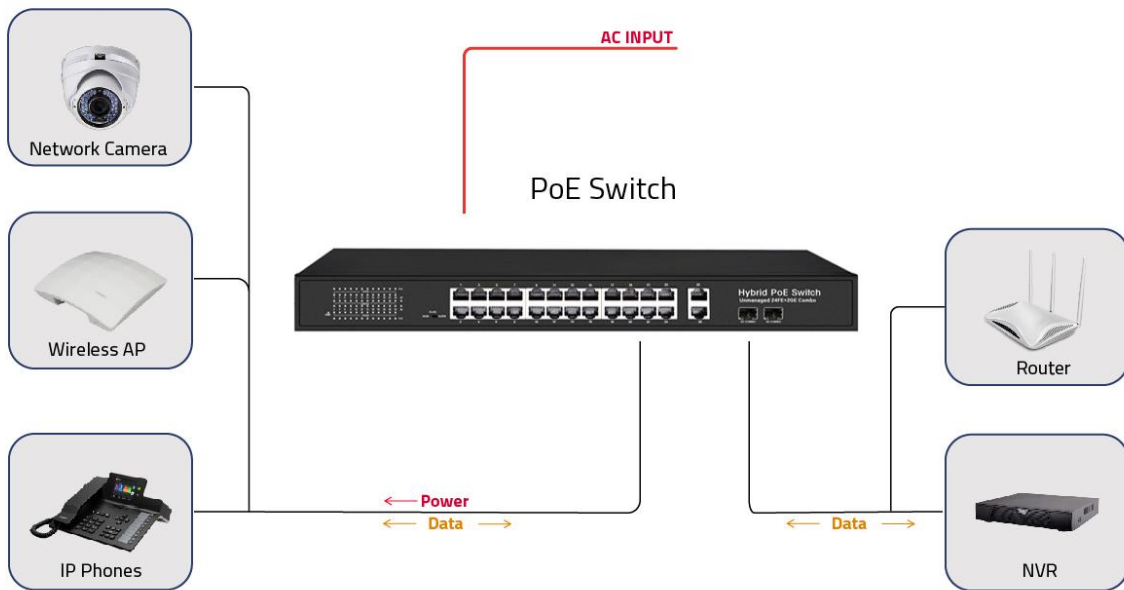
Structure Size Product Dimension (L*W*H): 440*220*45mm
Package Dimension (L*W*H): 505.5*296*93mm
N.W: 2.8kgs
G.W: 3.6kgs

Packing Info Carton MEAS: 570*430*530mm
Packing Qty: 8 units
Packing Weight: 30.8kgs

Applications

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-FGC0224PB-S300w	Ethernet Switch 2xGE Combo RJ45/SFP, 24x10/100Base-T PoE Port Internal Power Supply 52V/5.76A, 300w
LA-SWAI-FGC0224PB-S400w	Ethernet Switch 2xGE Combo RJ45/SFP, 24x10/100Base-T PoE Port Internal Power Supply 52V/7.69A, 400w