



AP  
ES1024P

## 10/100M, 27 Ports PoE Switch

- Supports 24\* 10 / 100M POE Ports + 2\* Gigabit Ethernet Uplink Ports + 1\* Gigabit SFP Uplink Port.
- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af / at, store and forward.
- Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w).
- Ethernet port supports 10 / 100M adaptive and POE functions.
- With DIP Switch support 10M transmission rate via cat.6 transmission distance of up to 250 meters.
- LED indicators for monitoring power, link, activity and speed.
- Compatible with 1U Rack-Mount Chassis Installation.
- Internal Power Supply 52V5.76A / 400W.
- Support VLAN Mode and Extend 250mtrs.



## OVERVIEW

AirPro AP-ES1024P, 27 Ports POE Switch, Adapted high-quality high-speed network IC and the most stable POE chip, POE Port to meet the IEEE802.3af / at standard, this series of POE Switches can be 10/100M Ethernet Network provides seamless connection, and POE power supply port can automatically detect IEEE802.3af / IEEE802.3at compliant power supply equipment and Power on the devices.

POE technology (Power over Ethernet) , it refers to some IP-based terminals (such as IP telephones, wireless access AP, network cameras, etc.) while transmitting data signals, but also for the device to provide DC power supply Technology, which receive DC power supply equipment called power receiving equipment.

This series of POE Switches, using 24 \* POE Ports + 2 \* Gigabit Ethernet Uplink Ports + 1\* Gigabit SFP Uplink Port, the Uplink port is to connect with the network equipment which provide data.

## TECHNICAL SPECIFICATIONS

Hardware		
Product Name	27-Ports PoE Switch with 24 PoE Ports + 2*Gigabit Ethernet Uplink + 1*Gigabit SFP Uplink port	
Model	AP-ES1024P	
No. Of Ports	24 ports 10/100M POE port + 2 ports Gigabit Uplink Ethernet + 1-port Gigabit Uplink SFP port	
Optical	Multi mode fiber: 1310nm, 2km Single mode fiber: 1310nm, 20/40 km 1550nm, 60/80/100/120km	
PoE Parameters	PoE Standard: IEEE802.3at (30W) and IEEE802.3af (15.4w) PoE compatibility: IEEE 802.3af/at adaptive POE port output: DC48-55V Power Pin: Power over spare pairs ½(+) , 3/6 (-)	
Network Media	10BASE-T: Cat6 UTP(≤250 meter) ; 100BASE-TX: Cat5 or more UTP (≤100 meter); 1000BASE-TX: Cat5 or more UTP (≤100 meter)	
DIP Switch	VLAN Mode: 1-24 Ports Extend: 9-24 Ports support 250 meters OFF: Normal Mode	
Performance Specification	<ul style="list-style-type: none"><li>- Bandwidth: 10.8Gbps (non-blocking)</li><li>- MAC: 2K</li><li>- Packet Buffer Memory: 1M</li><li>- 100M Packet Forwarding Rate: 0.1488Mpps/port,</li><li>- 1000M Packet Forwarding Rate: 1.488Mpps/port</li><li>- MTBF: 100,000 hours</li></ul>	
Forwarding Mode	Store-And-Forward	
Power Supply	Power input: AC110-264V 50/60Hz	
PoE Feature	All ports support MDI/MDIX	
Network Protocols	Support IEEE802.3, IEEE802.3u, IEEE802.3x	
LED Indicator	PWR	Lighting: Powered Un-Light: No Power
	SW	Lighting: VLAN Mode Un-Light: Normal Mode Flash: Extend Mode for 250 meters
	LINK (1-27 Port)	Slow Flashing: Connecting Flashing: Data Transmitting Un-Light: Data Transmission is failed
	POE (1-24 Port)	Lighting: Powered Un-Light: No Power
Working Environment	Operating Temperature: -20℃ ~ 50℃; Storage Temperature: -40℃ ~ 85℃; Operating Humidity: Max 90%, non-condensing Working Height: Max to 10,000 feet (3,000 meters) Storage Height: Max to 10,000 feet (3,000 meters)	
Certification	CE, CCC, FCC, RoHS	
Transmission Distance	POE transmission distance: 100 meters, 250meters (when it's on 10Mbps rate with Cat.6 or more) Uplink transmission distance: 100meters (Uplink RJ45 port); Depend on your SFP module (Uplink SFP port)	
Dimension(L×W×H)	320 mm*210mm*45 mm	
Package Size(L×W×H)	370mm* 275 mm* 85 mm	

## OTHER INFORMATION

**Product:** AP-ES1024P

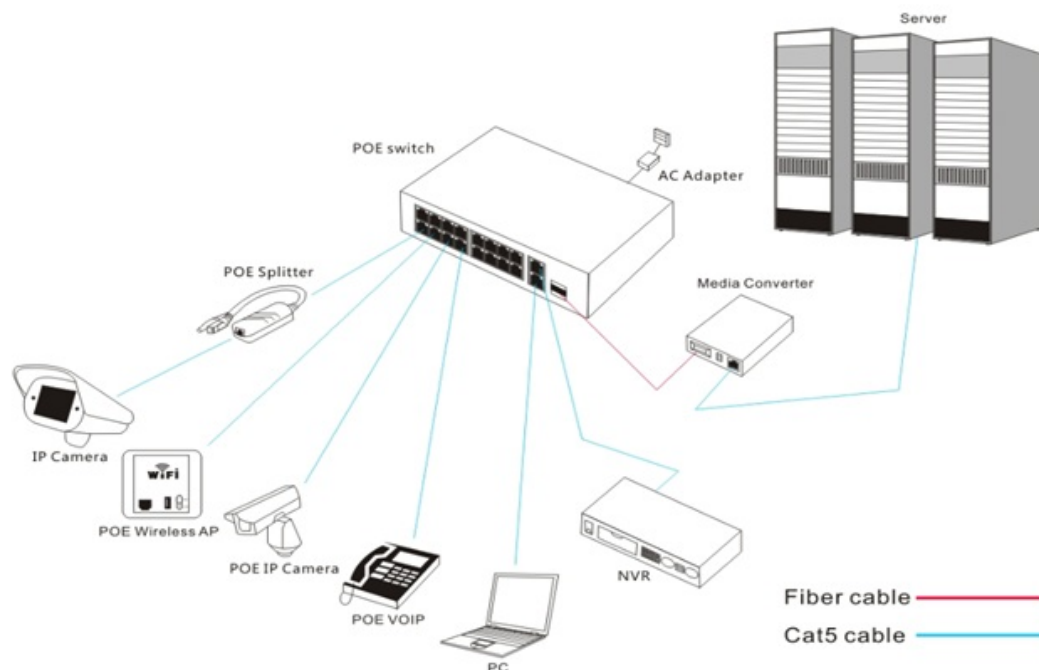
**Description:**

24\*10/100M POE Ports + 2\*Gigabit Ethernet Uplink Ports + 1\*Gigabit SFP Uplink Port.

**Accessories in the Package:**

Package Contents	24*10/100M POE Ports + 2*Gigabit Ethernet Uplink Ports + 1*Gigabit SFP Uplink Port (AP-ES1024P)
	AC Power Plug
	Rack kit
	User Guide
	Warranty Card

• **PHYSICAL APPLICATION REFERENCE:**



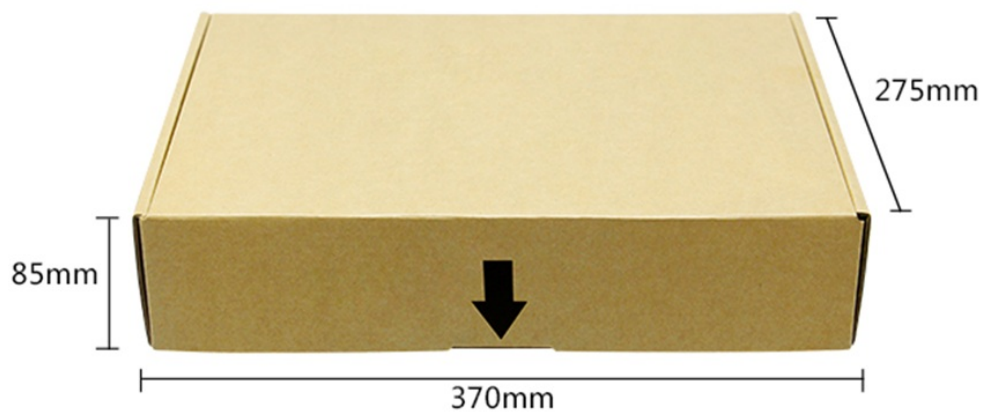
- **PHYSICAL PIC REFERENCE:**



- **DIMENSION (320mm\*210\*mm\*45mm, Net Weight : 1.8kg/unit**



- **PACKAGE DIMENSION (370mm\*275\*mm\*85mm, Gross Weight: 2.3kg/unit**



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