10/100M 19 Ports PoE Switch

AP ES1216

- Support IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af / at, store and forward.

- Supports 16* 10 / 100M POE port and 2*Gigabit RJ45 ports+ 1* Gigabit SFP Fiber port.

- 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.

- Support VLAN Mode and Extend 250meters.

- Internal Power Adapter Supply 52V5.76A / 300W.

- Port Lightning Protection: General Mode 6KV, Differential Mode 4KV, ESD 15KV.

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OVERVIEW

AP-ES1216 19 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, 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 its power supply, Only transmit data for non-POE equipment.

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 16 POE ports + 2 uplink Gigabit Ethernet port+ 1 uplink Gigabit Fiber port, the uplink port is to connect with the network equipment which provide data.

TECHNICAL SPECIFICATIONS

Hardware			
Product Name	19-Ports PoE Switch with 16 PoE Ports+2*Gigabit Ethernet Uplink+1*Gigabit SFP Uplink port		
Model	AP-ES1216		
Connector Type	16 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		
Performance Specification	Bandwidth: 9.2Gbps (non-blocking) MAC: 2K Packet Buffer Memory: 1K 100M Packet Forwarding Rate: 0.1488Mpps/port 1000M Packet Forwarding Rate: 1.488Mpps/port MTBF:100,000 hours		
Port Lightning Protection	General Mode 6KV, Differential Mode 4KV, ESD 15KV.		
PoE Standard	IEEE 802.3af/at(each port 15.4W / 30W)		
POE Compatibility	AF/AT		
POE power output	DC48V		
Power Supply	Power input: AC110-264V 50/60Hz; (every country use a custom power plug)		
PoE power pin	12+,36- (45+,78- Optional)		
PoE Port Power	15.4W /30W for each POE port		
PoE Feature	All ports support MDI/MDIX		
Network Protocols	Support IEEE802.3, IEEE802.3u, IEEE802.3x		
Network Media	10BASE-T: Cat6 UTP(≤250 meter) ; 100BASE-TX: Cat5 or more UTP (≤100 meter); 1000BASE-TX: Cat5 or more UTP (≤100 meter)		
LED Indicator	PWR	Power supply indicator(Red)	Lighting：Powered Un-Light：No Power
	SW	DIP indicator(Green)	OFF: Normal Vlan: Lighting Extend: Slow flash
	1-10	RJ-45 ACT indicator(Green)	Lighting：Connecting Flashing：Data Transmit Un-Light：Disconnect
Working Environment	Operating Temperature: -20 ° ~ 55° C; Storage Temperature: -40 ° ~ 85 ° C; Operating Humidity: max 90%, non-condensing		
Certification	CE, CCC, FCC, RoHs		
Transmission Distance	POE transmission distance:100meters, 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		

OTHER INFORMATION

Product: AP-ES1216

Description: 19-Ports 10/100M switch with 16 PoE ports, IEEE 802.3af/at;

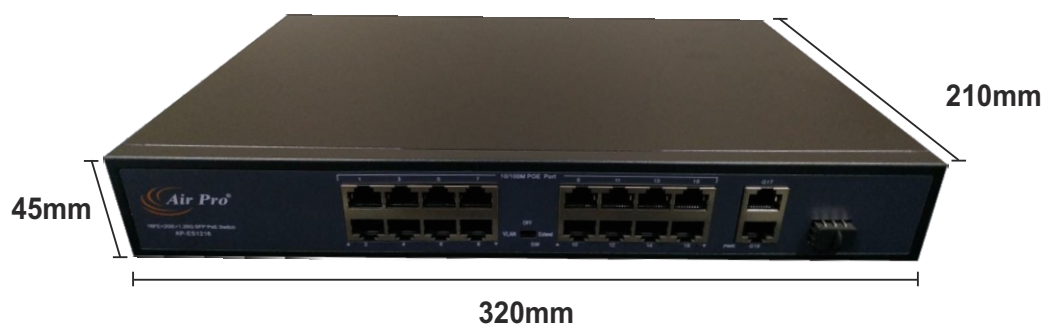PoE Power Output:15.4Watts /30Watts per PoE Port.

Accessories in the Package:

Package Contents	19-Ports 10/100M Switch with 16 POE ports and 3 Gigabit Uplink
	AC Power Plug
	Rack Kit
	User Guide
	Warranty Card

DATASHEET

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- **PHYSICAL PIC REFERENCE:**

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

210mm

45mm

320mm

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

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