


# 8-Port 100Mbps PoE Switch with 2 Gigabit Ethernet Uplink Ports

## OVERVIEW

The 8-Port Fast Ethernet PoE Switch with 2Gigabit Uplink is a versatile networking device designed to expand your network by providing both data connectivity and power to compatible devices over a single Ethernet cable.

This switch is ideal for small to medium-sized businesses looking to expand their network capabilities with a reliable and easy-to-use solution.

Appearance	Description
	<ul style="list-style-type: none"><li>• Ports: 8 Fast Ethernet RJ45 ports with 2Gigabit Uplink</li><li>• PoE Ports: All 8 ports supporting IEEE 802.3af/at</li><li>• Switching Capacity:5.6 Gbps</li><li>• MAC Address Table: 2K entries</li><li>• Jumbo Frame Support: Up to 2 KB</li><li>• Power Supply: Internal power supply</li></ul>

## KEY FEATURES AND HIGHLIGHTS

- **Power over Ethernet (PoE):**  
Equipped with eight Fast Ethernet ports, all supporting IEEE 802.3af/at PoE standards, this switch can power devices such as wireless access points, IP cameras, and VoIP phones, eliminating the need for separate power supplies.
- **Plug and Play:**  
The switch automatically detects network speed and cabling type, ensuring seamless integration into your existing 10/100 Mbps Ethernet network without manual configuration. It also identifies IEEE 802.3af/at-compliant devices and supplies power as needed.
- **Compact and Silent Operation:**  
Housed in a durable metal case, the fanless design ensures quiet operation, making it ideal for small office environments. The compact form factor allows for easy placement on a desktop or wall mounting using the included hardware.

## PRODUCT SPECIFICATIONS

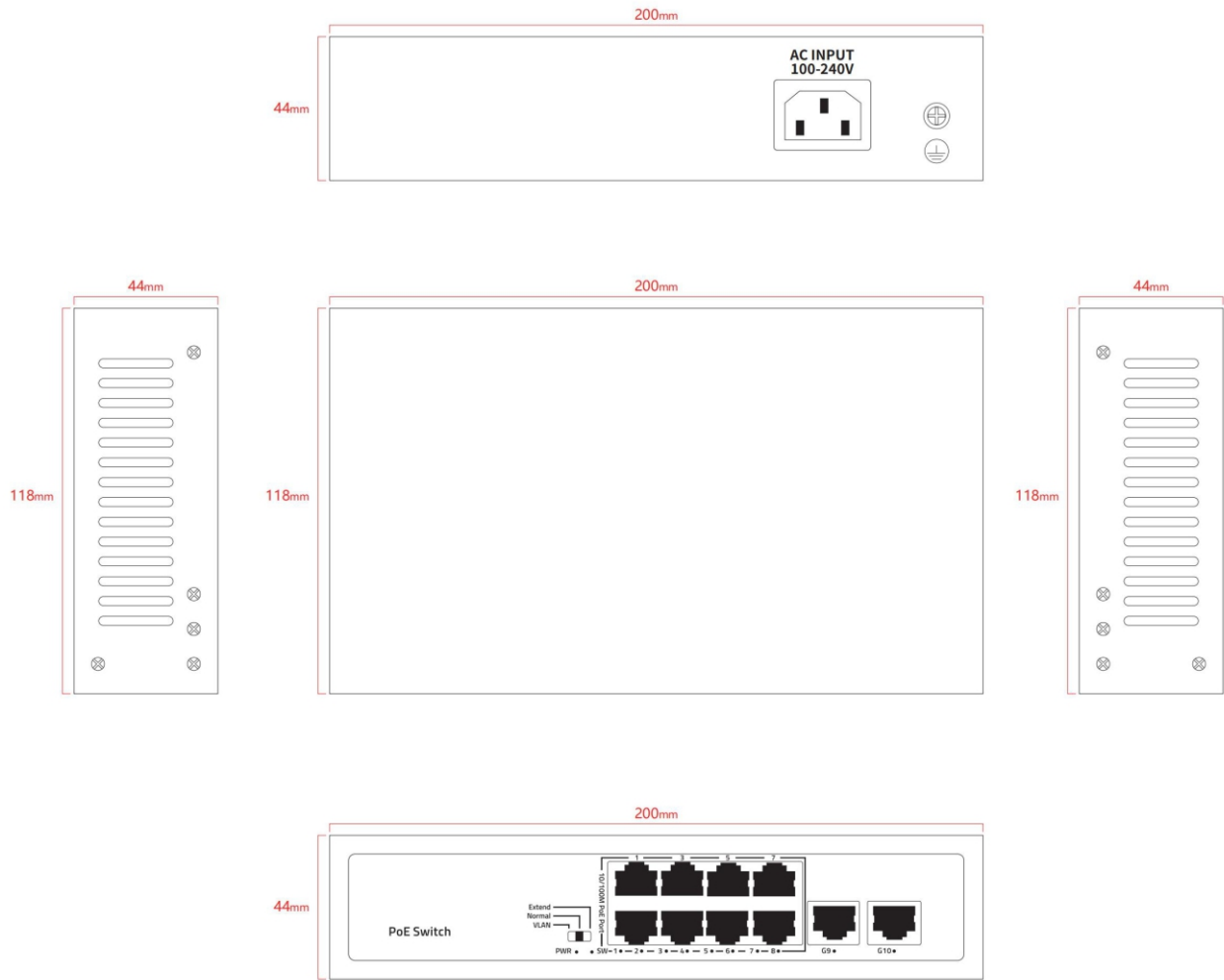
### Hardware Specifications

Part No.	AP-ES108P-2GE
Interface	8 *100Mbps PoE ports 2* 1G uplink RJ45 port
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3x (Flow Control)
Bandwidth	5.6Gbps
Packet Forwarding Rate	4.166Mpps
Packet Buffer	1Mbit
MAC Address Table	2K
Transmission Method	Store and Forward
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W)
PoE Port Output Voltage	DC 44-57V
PoE Ports	Port 1-8 PoE power output <30W
PoE Power Budget	120W
Power Supply	AC 100-240V 50/60Hz DC 52V 2.3A
Mainboard Power Consumption	2.3W
Structure Information	Product Dimensions: 200*118*44mm Packaging Dimensions: 245*190*60mm Product Net Weight: 0.62KG Product Gross Weight: 0.93 KG
Packing Information	Carton Dimensions: 520*320*400mm Packing Quantity: 20PCS Packing Weight: 19.6KG
Package Contents	Switch 1pcs, power cord 1pcs, manual 1pcs, certificate of qualification 1pcs
Fan Quantity	0
Installation	Desktop
Surge Protection	Port Surge: common mode 4KV, differential mode 2KV Electrostatic ESD: Air 8KV, Contact 6KV (Class B)
Operating Temperature	0 ~ 40°C
Storage Temperature	-40°C to 70°C
Operation Humidity	10% ~ 90%, non condensing
Storage Humidity	5% ~ 95%, non condensing
PWR Red LED	On: Powered on Off: Powered off
SW Green LED	On: VLAN Flashing: Extend Off: Normal
1-8 Green LED	On: 10M/100M Link normal Off: Link blocked Flashing: Data transmitting
9-10 Green LED	On: 10M/100M/1G Link normal Off: Link blocked Flashing: Data transmitting
VLAN/Normal/Extend Modes Buttons	VLAN: Isolation mode, 1-8 ports isolated from each other, communicating with 9-10 ports, and enable PoE watchdog mode on ports. Normal: Normal mode, all interfaces can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100Mbps adaptive, and port PoE watchdog mode turned off. Extend: Link extension mode, 1-8 ports data transmission distance can be extended to 250 meters, transmission speed is 10Mbps, and enable PoE watchdog mode on ports.

## ORDER INFORMATION

Product	Description
AP-ES108P-2GE	8-Port 100Mbps PoE Switch with 2 Gigabit Ethernet Uplink Ports AC Adapter User Guide Warranty Card

# PHYSICAL APPLICATION REFERENCE



[www.airpronetworks.com](http://www.airpronetworks.com)