



## Key Features

- 8-port Gigabit Ethernet
- IEEE802.3af support on port 1-4
- External Power Adapter with 61.6w PoE Budget
- Provide PoE Management on ports
- Loopback Detection
- IGMP Snooping
- Bandwidth Control
- IEEE802.1Q VLAN
- IEEE802.1p QoS

# 8-Port Gigabit Smart Switch with 4-Port PoE

EnGenius Smart PoE Switch family is special tailored for Wireless Access Points and IP Surveillance applications

EGS2108P, one of the members from EnGenius Smart PoE Switch family, it offers 8-Gigabit ports with IEEE802.3af PoE Support on port1-4.

### Simple but powerful

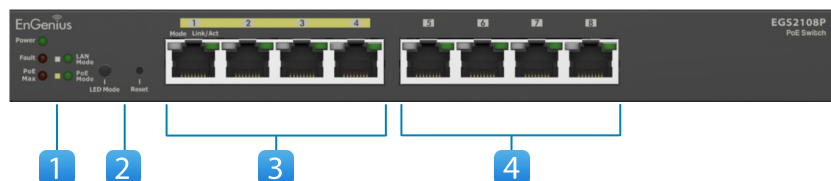
EGS2108P supports Power-over-Ethernet (PoE) on port1-4, which compliant with IEEE802.3af standards, delivering up to 15.4 watts along with the connected Ethernet cables to powered devices.

### Manageability

The EGS2108P supports VLAN, QoS and IGMP Snooping features for priority based application, such as IP surveillance or video/voice transitions. Moreover, it offers PoE Management on ports or even priority-base configuration.

### Physical Interface

1. LED Indicators
2. Mode Selector & Reset button
3. PoE RJ45 Ethernet Ports
4. RJ45 Ethernet Ports



## Technical Specifications

### General Feature

Switching Capacity: 16Gbps  
Max. Forwarding Rate (64kBytes): 14.88Mpps  
Forwarding Mode: Store and Forward  
Packet Buffer memory: 512KB  
Flash Memory: 4MB

### Port Functions

8 10/100/1000Mbps Ports in the front panel

### PoE Capability

PoE standard: Port 1~4 Support IEEE 802.3af  
PoE Capable Ports: Port 1~4 can output up to 15.4W  
Power budget: 61.6 Watts

### LED Indicator

Device:

Power LED x1  
Fault LED x1  
PoE Max LED x1  
LAN Mode LED x1  
PoE Mode LED x1

Copper Ports:

LAN/PoE Mode, Link/Act

### Physical & Environment

Dimension: 240mm x 105mm x 27mm  
Operating Temperature: 0 ~ 40°C  
Storage Temperature: -40~70°C  
Humidity: 5 ~ 95% non-condensing

### L2 Features

Loopback Detection  
IGMP Snooping v1/v2  
Port Mirroring: one to one and many to one  
Static MAC Address  
Dynamic MAC List  
Bandwidth Control  
IEEE802.1Q VLAN  
Port-base VLAN  
Storm Control  
PoE management  
Power on/off per port  
Power class configuration  
Power feeding with priority  
User define power limit  
BootP/DHCP Client  
Firmware Burn-Proof  
Cable Diagnostic

## Application Diagram

