



## 8-Port Gigabit Smart Switch including 4-Port

### PoE to Power and Connect Devices and Gigabit Speed for Small Businesses.

#### Gigabit Speed for Small Businesses

The EGS2108P provides connectivity for devices and applications that require high speed network access and connectivity to PoE-devices.

#### Power over Ethernet (PoE)

EnGenius Smart PoE (Power-over-Ethernet) Gigabit Switches are specifically designed to meet the needs of start-up and small-to-medium sized businesses. It's ideal for companies that need a way to connect and power VoIP phone systems, IP Cameras and Wireless Access Points throughout their facilities. These robust and fully-managed, yet cost-effective switches will help to keep their employees connected, safe and productive. Ports 1~4 of the EGS2108P support the IEEE802.3af PoE protocol. Each of these four ports can supply up to 15.4 watts for a total PoE budget of 61.6 watts.

#### Management

EnGenius switches also include embedded QoS intelligence to prioritize delay sensitive services such as voice and video, simplify unified communications deployments, and help ensure consistent network performance for all services. For example, automated voice VLAN capabilities let you plug any IP phone into your IP telephony network and receive an immediate dial tone.

#### Key Features

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

## Standard

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

## 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  
PoE 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

## Environment & Mechanical

### Temperature Range

Operating: 32 to 104°F / 0 to 40°C  
Storage: -40 to 158°F / -40 to 70 °C

## 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  
802.1Q VLAN  
Port-based VLAN  
Storm Control

## PoE Management

- Power on/off per port
- Power Class Configuration
- Power feeding with priority
- User defined power limit

BootP/DHCP Client  
Firmware Burn-Proof  
Cable Diagnostic

