

8-port Gigabit PoE Smart Switch

with 4-port AF PoE



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 IEEE 802.3af 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 ports1-4
- + 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

Technical Specifications

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

Humidity (non-condensing)

5% - 95%

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