8-Port Gigabit PoE Smart Switch
with 2 Gigabit SFP

Gigabit Speed for Small Businesses

The EGS5110P is a Smart PoE Switch that offers 8 Gigabit ports with IEEE802.3 at/af PoE Support on all its ports and 2 SFP slots for fiber uplinks.

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. The EGS5110P delivers up to 30 watts per port over connected Ethernet cables to powered devices. Total PoE budget - 130W.

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.

Versatile Form Factor

The 13-inch wide EGS5110P can be used as a desktop or rack-mounted switch. It includes bracketing hardware so it can be placed into a stack of other 1U chassis switches.

Key Features

+ 8 Gigabit ports with IEEE802.3 at/af PoE support
+ 2 SFP slots
+ External Power Adapter with 130w PoE Budget
+ Provide PoE Management on ports
+ Loopback Detection
+ IGMP Snooping
+ Bandwidth Control
+ IEEE802.1Q VLAN
+ IEEE802.1p QoS
+ Storm Control
+ Port Mirroring

EnGenius

Technical Specifications

Standard

Switching Capacity: 20 Gbps
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
2 1000Mbps SFP Slot

PoE Capability
PoE standard: Port 1~8 Support IEEE 802.3at/af
PoE Capable Ports: Port 1~8 can output up to 30W
PoE budget: 130 Watts

LED Indicator
Device:
    Power LED x1
    Fault LED x1
    PoE Max LED x1
    LAN Mode LED x1
    PoE Mode LED x1
SFP/Copper Ports:
    LAN/PoE Mode, Link/Act

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 Trunking
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
CoS