EWS2910FP-Fit

EnGenius Fit 8-Port 110W Gigabit PoE Switch

Simple • Secure • Smart

The EnGenius Fit Managed Switch EWS2910FP-FIT is an 8-port Gigabit PoE+ Layer 2 plus switch with a 110W PoE budget and 2 SFP uplink ports. It offers multiple management options for small business network environments, allowing you to select the cloud or on-premises management option that best suits your needs. With its business-class features, the EnGenius Fit Managed Switch provides secure, reliable, and high-performance switching while reducing capital and operating expenses for cost-conscious small businesses.

Key Benefits

- 8 10/100/1000 Base-T GbE ports
- Full-featured layer 2 plus switching
- 802.3at PoE ready on all ports with 110W PoE budget
- 20 Gbps switching capacity
- Setup in minutes with app-based step by step instructions
- Quick-scan device register, remote monitoring, and troubleshooting
- Real-time system metrics, analytics, and remote configurations
- Hybrid switch supports multiple management options
- From anywhere cloud visibility and control
- Monitor a site or multiple sites with no recurring cost or licensing fee
- Security - access control list/port security; 802.1x authentication
- IGMP & MLD snooping provides advanced multicast filtering & network efficiency
- 802.3ad Link Aggregation (LACP), Spanning Tree (STP), Rapid Spanning Tree (RSTP) & Multiple Spanning Tree (MSTP)
- Voice VLAN for fast, reliable deployment of VoIP services
- Advanced QoS with IPv4/IPv6 ingress traffic filtering (ACLs) & prioritization
- Standards-based technology ensures interoperability with existing standards-based network devices
- Dual firmware images improve reliability & network uptime

Technical Specifications

EWS2910FP-Fit
Port Standards
802.3 10Base-T Ethernet
802.3u 100Base-TX Ethernet
802.3ab 1000Base-T Ethernet
802.3x Full-Duplex Flow Control
Network Ports
8 10/100/1000 Mbps Ports
2 10/100/1000 Mbps SFP Ports
PoE Capable Ports
1-8 (802.3af/at)
All Gigabit Ethernet ports can output up to 30 Watts
Total PoE Budget
110W
SDRAM
256MB
Flash Memory
32MB
Power Source
100 ~ 240VAC, 50-60Hz
Physical Interface
LED Indicators
Power LED
Fault LED

PoE Max LED

LAN Mode LED

PoE Mode LED

Ports

Link/Activity/Speed (per Ethernet port)

Software Features

Multiple IP Interface

20 IPv6 address

ARP Table

Max. 192 ARP entries

Static ARP

Static 192 ARP entries

IPv4 Static Route

Max. 63 entries

IPv6 Static Route

Max. 21 entries

Software Features (L2 Feature)

MAC Address Table

8K

Jumbo Frame

9K

Multicast Group

Max 256 groups

Port Security

Max. 256 Entries

SSL Certificate

Certificate/Key Update

L2 Features

802.1d Spanning tree

Loopback Detection

Multicast Filtering

IGMP Multicast Forwarding

IGMP Snooping

MLD Multicast Forwarding

802.1Q VLAN tagging

802.3x flow control

802.3ad Link Aggregation

802.1d Spanning tree:
- RSTP
- CIST
- MSTP

MAC Address Check-up

ARP Inspection

ARP Packet Validation (additional validation checks)

Voice VLAN

Port-based VLAN

Protocol-Based VLAN

CoS Mapping

802. 1X Radius Authentication

Pv4 Settings

IPv6 Settings

IEEE 802. 3az Energy Efficeient Ethernet (EEE)

Command Line Interface (CLI)

SSH Server

Telnet Server

TFTP Client

Configuration Upgrade/ Backup

Simple Network Time Protocol (SNTP)

SYSLOG

802.1d Spanning tree

L3 Feature

IGMP Snooping

MLD Snooping

DHCP Snooping

DHCP Relay

Static Route

Port Settings

Multicast Filtering

EEE

Port Isolation

Port Mirror

Jumbo Frames

LLDP

Security

802. 1X Radius Authentication Protocol Access
- Web:
  - HTTP Service
  - HTTPs Service
- Command Line Interface (CLI):
  - Telnet Service
  - SSH Service

Port Security

Radius Server

DoS Prevention

System Settings

IP Settings:
- IPv4 Management
- IPv6 Management
- IPv4 Network

ARP Table

ARP Statistics

Simple Network Time Protocol (SNTP)

Analyze

Log:
- Local Logging
- Remote Logging

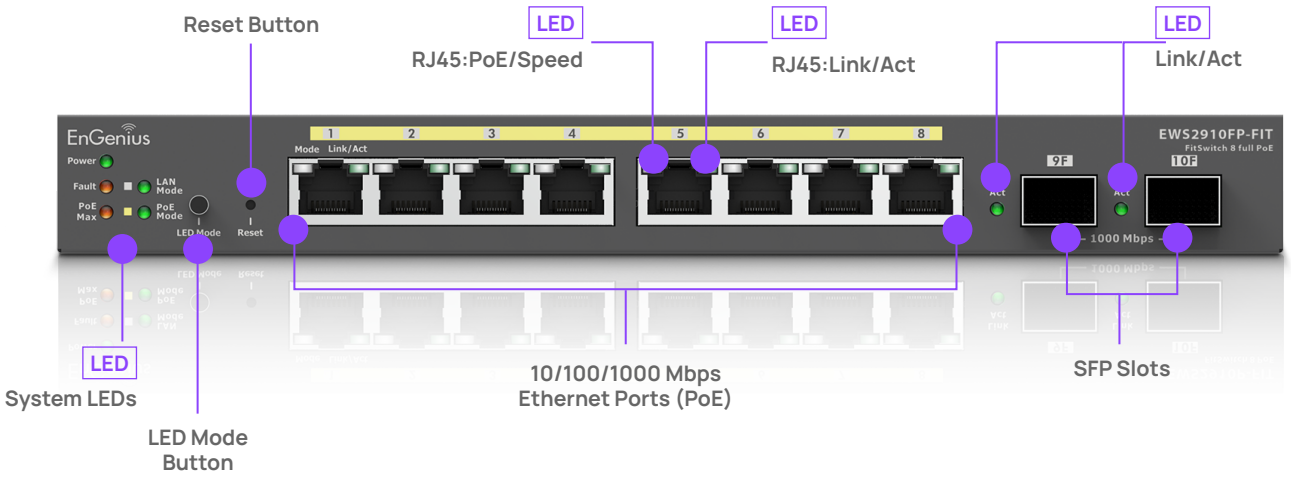
Diagnostic

- Cable Diagnostics
- Ping Test
- IPv6 Ping Test
- Trace Route
- Connection Diagnostic

Access Control List (ACL)
MAC Based ACL
MAC ACE
IPv4 ACL
IPv4 ACE
IPv6 ACL
IPv6 ACE
ACL (Port) Binding
SNMP
SNMP v1/v2c/v3 Support
RMON
RMON 1,2,3,9
QoS
CoS Mapping
DSCP Mapping
Port CoS
Bandwidth Control
Storm control
Advanced Mode: • Class Mapping
MIB/RFC Standards
RFC1213
RFC1493
RFC1757
RFC2674
RFC2863
Environmental & Physical
Temperature Range
Operating: 32°F to 104°F (0°C to 40°C)

Humidity (Non-Condensing)
Operating: 5% - 95%
Package Contents
1x Fit Managed 8 Ports Gigabit Switch
1x Power Adapter
Product Card
Wall mount kit
Dimensions & Weights
EWS2910FP-Fit Device
Weight: 1.36 lbs. (620 g)
Length: 9.44” (240 mm)
Width: 4.13” (105 mm)
Height: 1.06” (27 mm)
Packaging
Weight: 3.3 lbs. (1495 g)
Length: 10.67” (271 mm)
Width: 6.61” (168 mm)
Height: 3.34” (85 mm)
Master Carton
Weight: 36.15 lbs. (16.4 kg)
Length: 17.40” (442 mm)
Width: 13.66” (347 mm)
Height: 10.98” (279 mm)
No. of product boxes per master carton
10 units
Certifications
CE, FCC, IC
Warranty
1 year

Product Images



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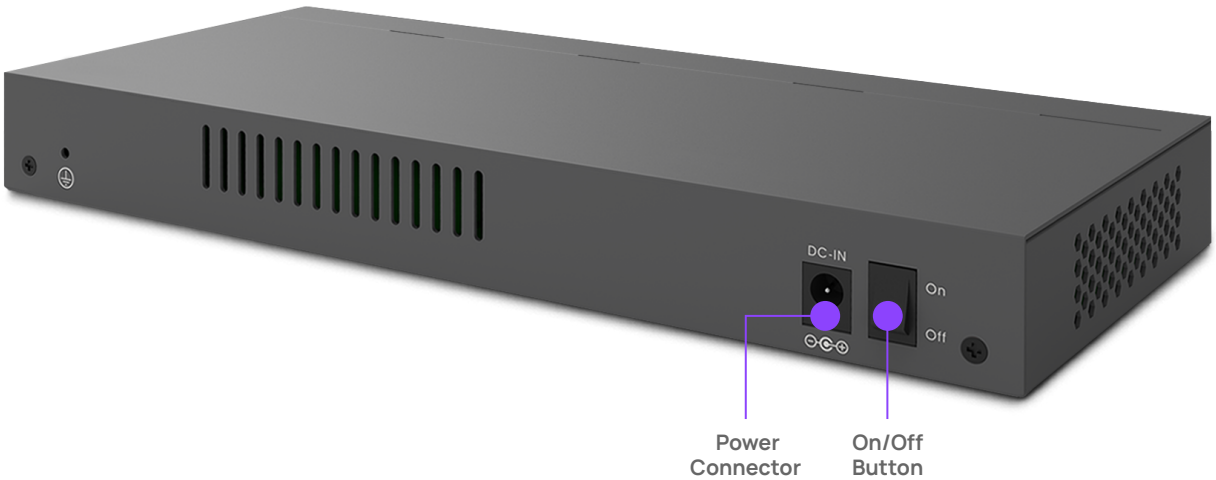

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Version: 06/2023

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