

EWS2910P-FIT



# FitSwitch 8 PoE

# EnGenius Fit Gigabit 8-Port 55W PoE+ Switch with 2 SFP Ports

## Overview

EnGenius Fit Layer 2+ Switch, EWS2910P-FIT, offers a cost-effective solution with 8 Gigabit PoE+ ports, 2 Gigabit SFP uplink ports, and a 55W budget. It supports zero-touch provisioning, centralized cloud management, and offers En-Genius FitXpress (cloud-managed), FitController (on-premises), or standalone management options. With advanced security features and Voice-VLAN, it's optimized for network efficiency and is ideal for SMBs.



#### Features & Benefits

- 8x GE PoE+ Ports and 2x SFP uplink
- Desktop Model Supports 802.3af/at PoE+ With a Total Budget of 55W
- Zero touch provisioning, centralized cloud management and visualized monitoring
- Hybrid cloud switch supports flexible management options such as EnGenius FitXpress (cloud-managed), Fit-Controller (on-premises), or standalone
- Robust security that supports Port based / MAC based ACL Storm control, DHCP Snooping, DOS Attack Prevention, 802.1X & RADIUS Authentication and more
- · Optimized for quality voice and video traffic with Voice-VLAN feature

# **Technical Specifications**

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**Port Standards** 

802.3 10Base-T Ethernet

802.3u 100Base-TX Ethernet

802.3ab 1000Base-T Ethernet

802.3x Full-Duplex Flow Control

**Network Port - Gigabit Ethernet Ports** 

8x GE Ports

**Network Port - SFP Ports** 

2x SFP

**Switching Capacity** 

16Gbps

**SDRAM** 

256MB

Flash Memory

32MB

**PoE Capable Ports** 

Ports 1-8

**Total PoE Budget** 

55W

**Power Source** 

100 to 240 VAC, 50/60Hz

Physical Interface

**System Indicators** 

Power LED

Fault LED

PoE Max LED

LAN Mode LED

PoE Mode LED

Ports Indicators

Link/Activity/Speed (per Ethernet port)

Link/Activity/Speed (per SFP slot)

L3 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

L2 Software Features

**Network Management** 

EnGenius FITCloud

FITCON

Local Web GUI

**MAC Address Table** 

8K

Jumbo frame size

9K

**Multicast Group** 

Max 256 groups

**MLD Snooping** 

MLD Snooping: v1

**QoS-number of Priority Queues Supported** 

Queue 8

**QoS Trust Mode** 

Cos/802.1p

DSCP

CoS/802.1p-DSCP

**Scheduling Mechanism** 

Strict / WRR/ Strict + WRR

**Bandwidth Control** 

Port-based bandwidth control (Ingress/Egress)

Port Security

Max. 256 Entries

Access Control List (ACL)

MAC Based ACL

IPv4/IPv6 Based ACL

ACL Binding

Time base ACL

Web Graphical User Interface (GUI)

HTTP IPv4 / IPv6

HTTPS IPv4 / IPv6

SSL Certificate

Certificate/Key Import

SNMP

SNMP v1/v2c/v3 Support

RMON

RMON 1,2,3,9

**System Time** 

Time Setting/Daylight saving

**Common L2 Features** 

802.1d Spanning tree

Loopback Detection

Multicast Filitering

IGMP Multicast Forwarding

IGMP Snooping

MLD Multicast Forwarding

802.1Q VLAN tagging

802.3x flow control

# **Technical Specifications**

802.3ad Link Aggregation
IPv4 DHCP Relay
IPv4 DHCP Snooping
IPv4 DHCP Snooping Source MAC Address Check-up
ARP Packet Validation (additional validation checks)
Voice VLAN
Port-based VLAN
Protocol-Based VLAN
CoS Mapping
802. 1X Radius Authentication Protocol
IPv4 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

# Environmental & Physical

#### Temperature Range

Operating: 32°F to 104°F (0°C to 40°C)

#### Humidity (Non-Condensing)

Operating: 5% - 95%

## Device Dimensions & Weight

#### **Device Dimensions & Weights**

Weight: 620 g

Width: 240 mm

Length: 105 mm

Length. 103 min

Height: 27 mm

## Package Contents

1x FIT Managed Switch

1x Quick Installation Guide

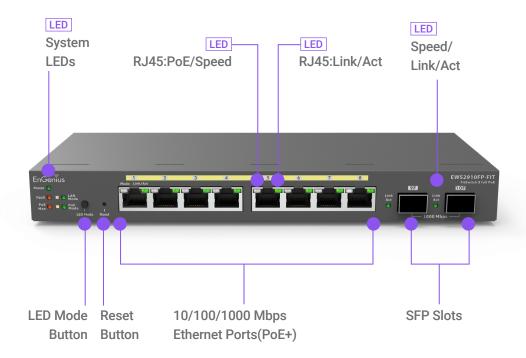
1x Power Adapter

1x Power Cord

1x Wall Mount Kit

1x Ground Screw Set

## **Hardware Overviews**



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