

EWS7952FP-FIT



FitSwitch 48 Full PoE

EnGenius Fit 48埠 Gigabit 740W PoE+ 及 4埠SFP 網路交換器

簡介

EnGenius Fit Layer 2+ 網路交換器, EWS-7952FP-FIT, 提供48個 Gigabit PoE+ 連接埠、4個 Gigabit SFP 上行連接埠和740W總供電量。支援零接觸配置、集中式雲端管理, 並提供EnGenius FitXpress (雲端管理)、FitController (本地管理) 或單機管理選項。擁有先進的安全功能和Voice-VLAN, 確保SMB的網路達到最佳效率和最佳性能。



功能介紹

- 48個 GE PoE+ 連接埠, 用於高速連接
- 4個 SFP 上行連接埠, 用於頻寬密集的應用
- 48個 802.3 at/af PoE+ 連接埠, PoE總供電量為 740W
- 零接觸配置、集中式雲端管理以及可視化監控
- 混合雲網路交換器支援靈活的管理選項, 如EnGenius FitXpress (雲端管理)、FitController (本地管理) 或單機運作
- 提供支援基於連接埠/基於MAC的存取控制清單(ACL)風暴控制、DHCP竊聽防護、DOS攻擊預防、802.1X和RADIUS身份驗證等強大的安全功能
- 透過Voice-VLAN 功能針對高品質語音和影音流量進行優化

技術規格

Technical Specifications

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

48x GE Ports

Network Port - SFP Ports

4x SFP

Switching Capacity

104Gbps

SDRAM

256MB

Flash Memory

32MB

PoE Capable Ports

Ports 1-48

Total PoE Budget

740W

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

16K

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 Filtering

IGMP Multicast Forwarding

IGMP Snooping

MLD Multicast Forwarding

802.1Q VLAN tagging

802.3x flow control

技術規格

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 Efficient 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 122°F (0°C to 50°C)

Humidity (Non-Condensing)

Operating: 5% - 95%

Device Dimensions & Weight

Device Dimensions & Weights

Weight: 4.76 kg

Width: 440 mm

Length: 310 mm

Height: 44 mm

Package Contents

1x FIT Managed Switch

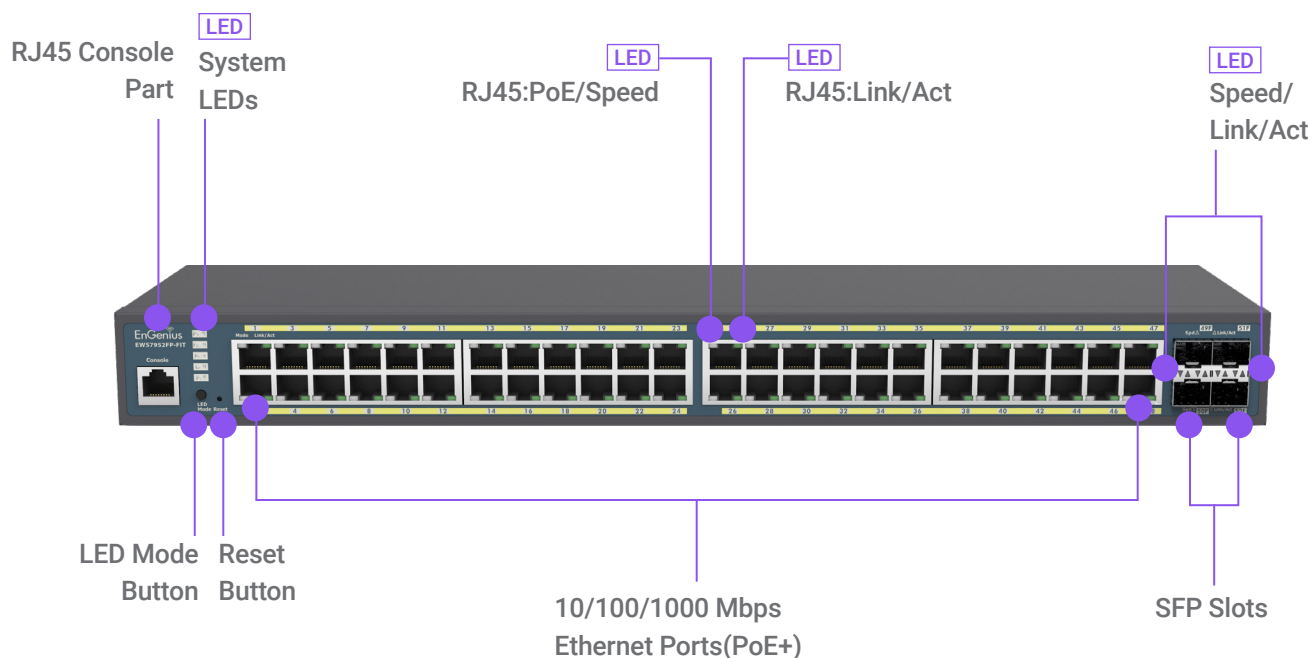
1x Quick Installation Guide

1x Power Cord

1x RJ45 Console Cable

1x Rack Mount Kit

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