

# **ECS1528FP**



# Cloud Managed 24-Port Gigabit 410W **PoE+ Switch**

Layer 2+ Switch with 4 SFP+ Uplink Ports and Multiple Management **Options for Large Businesses** 

# **Product Highlights**

EnGenius Cloud ECS1528FP, a 24-Port Gigabit PoE+ Layer 2+ Switch with a 410W Budget, 4 10-Gigabit SFP+ Uplink Ports. Select Cloud or on-premises management options based on network architecture, administrative permissions, technical aptitude, or even budget. Enterprise-class features optimize network efficiency ensuring peak performance for large businesses.



# **Features & Benefits**

- 24 10/100/1000 Base-T GbE Ports
- Full-Featured Layer 2+ Switching
- 802.3 at/af PoE+ Ready on All Ports with 410W PoE budget
- · 128 Gbps Switching capacity
- 4 10-Gigabit Dual-Speed SFP+ (fiber) uplink ports

#### Port Standards

802.3 10Base-T Ethernet	
802.3u 100Base-TX Ethernet	

802 3ah	1000Base-T	Ethornot

802.3x Full-Duplex Flow Control

### **Network Ports**

24 10/100/1000 Mbps Ports + 4x SFP+ Ports

### **Switching Capacity**

128Gbps

**SDRAM** 

512MB

# **Flash Memory**

128MB

### **PoE Capable Ports**

1-24 (802.3at/af)

**Total PoE Budget** 

410W

# **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)

Link/Activity/Speed (per SFP slot)

### Software Features(L3 Feature)

#### **Multiple IP Interface**

20 IPv6 address

**ARP Table** 

Max. 192 ARP entries

#### Static ARP

Static 192 ARP entries

# **IPv4 Static Route**

### Software Features(L2 Feature)

**Network Management** 

# **EnGenius Cloud** SkyKey

ezMaster

16K

Local Web GUI

# **MAC Address Table**

Max. 63 entries

**IPv6 Static Route** 

Max 21 entries

Jumbo Frame
10К
Multicast Group
Max 256 groups
MLD Snooping MLD Snooping: v1
QoS-Number of Priority Queues Supported
Queue 8
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

### **Common L2 Features**

Common EE l'editares
802.1d Spanning tree
Loopback Detection
Multicast Filitering
IGMP Multicast Forwarding
IGMP Snooping
MLD Multicast Forwarding
802.1Q VLAN tagging
802.3x flow control
802.3ad Link Aggregation
IPv4 DHCP Relay
IPv4 DHCP Snooping
IPv4 DHCP Snooping Source 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 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 122°F (0°C to 50°C)
Humidity (Non-Condensing)

Operating: 5% - 95%

## Package Contents

1x ECS Managed Gigabit Switch

1x Quick Installation Guide

1x Power Cord

1x RJ45 Console Cable	
1x Rack Mount Kit	
Device Dimensions & Weights	

Width: 17.32" (440 mm)

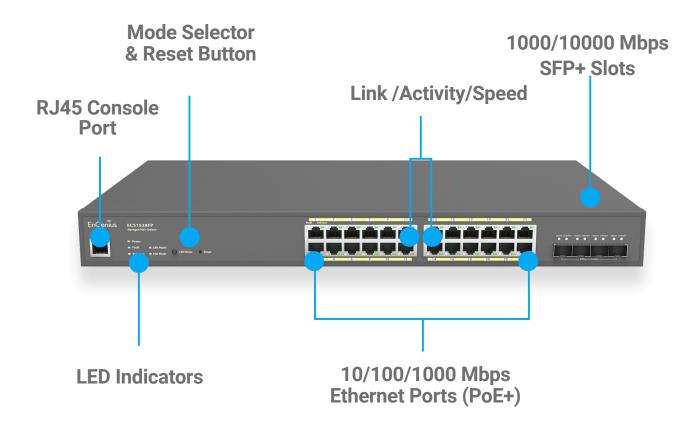
Depth: 10.23" (260 mm)

Height: 1.73" (44 mm)

# Warranty

2 year

# ECS1528FP



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