ECS1528FP

CloudSwitch L2Plus 24 Full PoE

Cloud Managed 24-Port Gigabit 410W PoE+ Switch

Overview

EnGenius Cloud Managed Layer 2+ Switch ECS1528FP offers 24 Gigabit PoE+ ports, 4 10G SFP+ uplink ports, and a 410W budget, ideal for SMBs. It supports zero-touch provisioning and centralized cloud management. With advanced security features, Voice-VLAN, and PoE Extended Mode, it optimizes network efficiency for quality voice and video traffic, enabling peak performance for SMBs

Features & Benefits

- 24x Gigabit PoE+ ports for high-speed connections
- 4x 10Gbps SFP+ uplink ports for bandwidth-intensive applications
- 24x 802.3af/at PoE+ ports with 410W PoE budget
- Zero touch provisioning, centralized cloud management and visualized monitoring
- Hybrid cloud switch supports flexible management options such as EnGenius Cloud 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
- PoE Extended Mode - Extend PoE Ethernet cable deploying range up to 250 meters
- PD Lifeguard - Real-time detecting and auto-reboot PoE power for failed camera
- Continuous PoE Power - Steady supply of PoE power for camera during switch upgrades

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

24x10/100/1000 Mbps Ports

Network Port - SFP+ Ports

4x SFP+ Ports

Switching Capacity

128Gbps

SDRAM

512MB

Flash Memory

128MB

PoE Capable Ports

Ports 1-24 (802.3af/at)

Total PoE Budget

410W

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

Port 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

IPv4 Static Route

Max. 63 entries

IPv6 Static Route

Max. 21 entries

L2 Software Features

Network Management

EnGenius Cloud

Local Web GUI

MAC Address Table

16K

Jumbo frame size

10K

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

Web Graphical User Interface (GUI)

HTTP IPv4 / IPv6

HTTPS IPv4 / IPv6

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

802.1w Rapid Spanning Tree

802.1S Rapid Spanning Tree

Loopback Detection

Multicast Filitering

IGMP Snooping

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 Packet Validation (additional validation checks)

Voice VLAN

Port-based VLAN

Technical Specifications

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

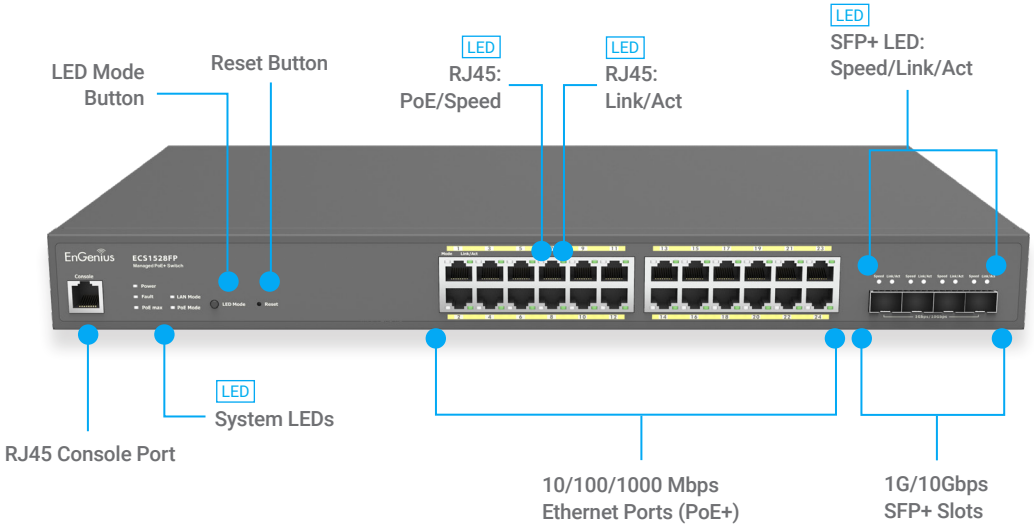
Environmental & Physical

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: 3.9 kg
Width: 440 mm
Depth: 260 mm
Height: 44 mm
Package Contents
1x Cloud Managed Gigabit Switch
1x Power Cord
1x Product Card
1x RJ45 Console Cable
1x Rack Mount Kit

Hardware Overviews



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