



ECS2528FP



Cloud Managed 24-Port Multi-Gigabit L2+ Managed PoE+ Switch with 410W & 4 SFP+ Slots

Simple network configuration, monitoring, and management

Product Highlights

The EnGenius ECS2528FP cloud-managed 410 Watt 24-port PoE+ multi-gigabit switch with simple network configuration, monitoring, and management powers IP cameras, VoIP phones, and access points. The ECS2528FP offers features like extended PoE mode, PD lifeguard, and continuous PoE power, to extend the reach and to maximize uptime for surveillance cameras.

Features & Benefits

- 24 10/100/1000/2500 Base-T GbE Ports
- 16 Gigabit and 8 2.5-Gigabit PoE Ethernet Ports
- Full-Featured Layer 2+ Ethernet Switch
- 802.3 at/af PoE+ Ready on All Ports with 410W PoE budget
- 152 Gbps Switching capacity
- 4 10-Gigabit Dual-Speed SFP+ (fiber) uplink ports
- Quick-Scan Device Register, Remote Monitoring and Troubleshooting
- 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

Port Standards

802.3 10Base-T Ethernet

802.3u 100Base-TX Ethernet

802.3ab 1000Base-T Ethernet

802.3bz 2.5G Base-T Ethernet

802.3x Full-Duplex Flow Control

Network Ports

16 10/100/1000 Mbps Ports

8 100/1000/2500 Mbps Ports

4 SFP+ Ports



Switching Capacity

152Gbps

SDRAM

512MB

Flash Memory

128MB

PoE Capable Ports

1-24 (802.3af/at)

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

Max. 63 entries

IPv6 Static Route

Max. 21 entries

Software Features(L2 Feature)

Network Management

EnGenius Cloud

ezMaster/SkyKey

Local Web GUI

MAC Address Table

16K

Jumbo Frame

10K

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

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

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 Efficient 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%

Package Contents

1x Cloud Managed Gigabit Switch

1x Quick Installation Guide

1x Power Cord

1x RJ45 Console Cable

1x Rack Mount Kit

Device Dimensions & Weights Device

Weight: 8.99 lbs. (4.08 kg)

Width: 10.24" (260 mm)

Length: 17.32" (440 mm)

Height: 1.73" (44 mm)

Packaging

Weight: 10.58 lbs. (4.8 kg)

Width: 13.74" (349 mm)

Length: 21.06" (535 mm)

Height: 4.09" (104 mm)

Master Carton Dimensions & Weights

Weight: 33.86 lbs. (15.36 kg)

Width: 13.98" (355 mm)

Length: 21.54" (547 mm)

Height: 12.80" (325 mm)

No. of product boxes per master carton:

3 units

Warranty

2 year

Certifications

CE, FCC, IC

ECS2528FP

