



# Cloud Managed 8-Port Gigabit 130W PoE+ Switch

Layer 2+ Switch with 4 Uplink Ports and Multiple Management Options for SMBs

## Product Highlights

EnGenius Cloud ECS1112FP, an 8-Port Gigabit PoE+ Layer 2+ Switch with 130W Budget, 2 GbE and 2 Dual-Speed SFP ports for uplinks. 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 SMBs.



## Features & Benefits

- 8 10/100/1000 Base-T GbE Ports
- Full-Featured Layer 2+ Switching
- 802.3 at/af PoE+ Ready on All Ports with 130W PoE budget
- 24 Gbps Switching capacity
- 2 Gigabit Ethernet Port and 2 Dual-Speed SFP (fiber) uplink ports

### Port Standards

- 802.3 10Base-T Ethernet
- 802.3u 100Base-TX Ethernet
- 802.3ab 1000Base-T Ethernet
- 802.3x Full-Duplex Flow Control

### Network Ports

10 10/100/1000 Mbps Ports + 2x SFP Ports

### Switching Capacity

24Gbps

### SDRAM

256MB

### Flash Memory

32MB

### PoE Capable Ports

1-8 (802.3at/af)

### Total PoE Budget

130W

### 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
- SkyKey
- ezMaster
- Local Web GUI

#### MAC Address Table

8K

## Jumbo Frame

9K

## 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

## 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

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

Weight: 4.4 lbs. (1.9 kg)

Width: 13" (330.20 mm)

Length: 9" (228.60 mm)

Height: 1.73" (43.94 mm)

### Warranty

2 year

# ECS1112FP

