

### ECS1112FP



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

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



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	

## Scheduling Mechanism

CoS/802.1p-DSCP

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 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%

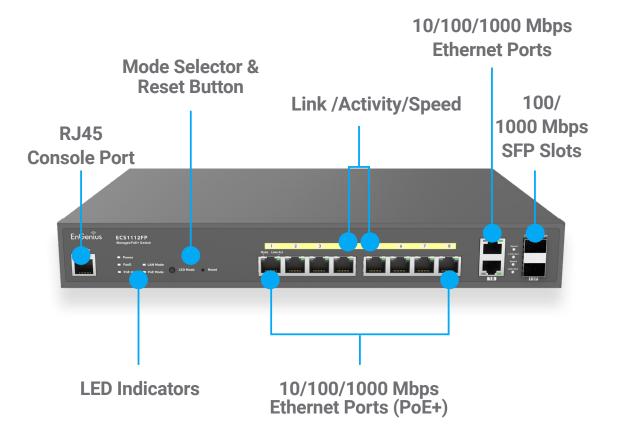
### Package Contents

1x ECS Managed Gigabit Switch	
1x Quick Installation Guide	
1x Power Cord	
1x RJ45 Console Cable	
1x Rack Mount Kit	

### **Device Dimensions & Weights**

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	

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