**Technical Specifications**

**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

**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)

**L2 Features**

**Network Management**

EnGenius Cloud  
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**

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

**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 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  
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

**L3 Features**

**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

**Environmental & Physical**

**Temperature Range**

Operating: 32°F to 122°F (0°C to 50°C)

**Humidity (Non-Condensing)**

Operating: 5% – 95%

**Dimensions & Weight**

**ECS1112FP Device**

Weight: 1.9Kg  
Width: 330mm  
Length: 229mm  
Height: 44mm

**Package Contents**

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

**Warranty**

2 year