**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**

24 x 10/100/1000 Mbps Ports + 4 x SFP+ Ports

**Switching Capacity**

128Gbps

**SDRAM**

512MB

**Flash Memory**

128MB

**Power Source**

100 ~ 240VAC, 50/60Hz

**Physical Interface**

**LED Indicators**

Power LED  
Fault LED

**Ports**

Link/Activity/Speed (per Ethernet port)  
Link/Activity/Speed (per SFP slot)

**L2 Features**

**Network Management**

EnGenius Cloud  
ezMaster/Skykey  
Local Web GUI

**MAC Address Table**

16K

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  
Timebase 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  
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

**L3 Features**

**Multiple IP Interface**

20 IPv6 address

**ARP Table**

Max. 192 ARP entries

**Static ARP**

Static 192 ARP entries

**IPv4 Static Route**

**Environmental & Physical**

**Temperature Range**

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

**Humidity (Non-Condensing)**

5% – 95%

**Dimensions & Weight**

**ECS1528 Device**

Weight: 1.9 kg  
Width: 200 mm  
Length: 440 mm  
Height: 44 mm

**Package Contents**

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

**Warranty**

2 Years