**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