ECS1528T

EnGenius Cloud Managed ECS1528T

24-Port 13" Compact Gigabit Switch w/ 4 SFP+

Product Highlights

The EnGenius cloud managed ECS1528T 24-port 13" 1U rackmount compact gigabit layer 2+ switch with 4 SFP+ uplink ports and multiple management options for large businesses to easily configure, monitor, and manage. Select Cloud or on-premises management options based on network architecture, administrative permissions, technical aptitude, or even budget.

Bullet Points/Differentiators

- 24 10/100/1000 Base-T GbE Ports.
- Full-Featured Layer 2+ Switching.
- 13" 1U rackmount compact design.
- 128 Gbps Switching capacity.
- 4 10-Gigabit Dual-Speed SFP+ (fiber) uplink ports.
- Real-Time System Metrics, Deep-Dive Analytics and Remote Configurations.
- Quick-Scan Device Register, Remote Monitoring and Troubleshooting.
- Advanced View Displays Network Topology with Devices and Relationships.
- Hybrid Switch Supports Multiple Management Options .
- Security - Access Control List/Port Security; 802.1X & RADIUS Authentication.
- IGMP & MLD snooping provides advanced multicast filtering & network efficiency.
- 802.3ad Link Aggregation (LACP) Supports Traffic Load Balancing.
- Spanning Tree (STP), Rapid Spanning Tree (RSTP) & Multiple Spanning Tree (MSTP).
- Voice VLAN for fast, reliable deployment of VoIP services.
- Advanced QoS with IPv4/IPv6 ingress traffic filtering (ACLs) & prioritization.
- Energy Efficient Ethernet (802.3az) improves energy savings when used with compliant devices.
- Standards-based technology ensures interoperability with existing network devices.
- Dual firmware images improve reliability & network uptime.

Technical Specifications

ECS1528T

Port Standards

802.3 10Base-T Ethernet
802.3u 100Base-TX Ethernet
802.3ab 1000Base-T Ethernet
802.3bz 2.5G Base-T Ethernet
802.3x Full-Duplex Flow Control

Network Ports

24 10/100/1000 Mbps Ports
4 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		Web Graphical User Interface (GUI)		ENVIRONMENTAL & PHYSICAL	

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

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

Time base 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

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 Cloud Managed Gigabit Switch

1x Quick Installation Guide

1x Power Cord

1x RJ45 Console Cable

1x Rack Mount Kit

Dimensions & Weights

Device:

Weight: 5.07 lbs. (2.3 kg)

Width: 9.06" (230 mm)

Length: 12.99" (330 mm)

Height 1.73" (44 mm)

Packaging

Weight: 6.68 lbs. (3.03 kg)

Width: 12.05" (306 mm)

Length: 15.39" (391 mm)

Height: 3.98" (101 mm)

Certifications

CE, FCC, IC

Warranty

2 years

Product Images

ECS1528T

Maximum data rates are based on IEEE 802.11 standards. Actual throughput and range may vary depending on distance between devices or traffic and bandwidth load in the network.