ECS1528P

CloudSwitch L2Plus 24 PoE 1.1.1.1
Cloud Managed 24-Port Gigabit PoE+ 1.1.1.2 Switch with 4 SFP+ Ports

Overview

EnGenius Cloud Managed Layer 2+ Switch ECS1528P features 24 Gigabit PoE+ ports and 4 10G SFP+ port uplink ports with 240W PoE budget. Its enterprise-class features optimize network efficiency and offer robust security with Voice-VLAN support. The switch also extends PoE Ethernet cable deployment range up to 250 meters, auto-reboots PoE power for failed camera, and provides a steady supply of PoE power during switch upgrades. Ideal for cost-conscious SMBs.



Features & Benefits

- 24x Gigabit PoE+ ports for high-speed connections
- 4x 10Gbps SFP+ uplink ports for bandwidth-intensive applications
- 24x 802.3af/at PoE+ ports with 240W PoE budget
- Zero touch provisioning, centralized cloud management and visualized monitoring
- Hybrid cloud switch supports flexible management options such as EnGenius Cloud or standalone
- Robust security that supports Port based / MAC based ACL Storm control, DHCP Snooping, DOS Attack Prevention, 802.1X & RADIUS Authentication and more
- Optimized for quality voice and video traffic with Voice-VLAN feature
- PoE Extended Mode - Extend PoE Ethernet cable deploying range up to 250 meters
- PD Lifeguard - Real-time detecting and auto-reboot PoE power for failed camera
- Continuous PoE Power - Steady supply of PoE power for camera during switch upgrades

Technical Specifications

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Port Standards

802.3 10Base-T Ethernet

802.3u 100Base-TX Ethernet 1.1.1.5.1

802.3ab 1000Base-T Ethernet

802.3x Full-Duplex Flow Control 1.1.1.5.3

Network Port - Gigabit Ethernet Ports

24x10/100/1000 Mbps Ports

Network Port - SFP+ Ports

4x SFP+ Ports

Switching Capacity

128Gbps

SDRAM

512MB

Flash Memory

128MB

PoE Capable Ports

Ports 1-24 (802.3af/at)

Total PoE Budget

240w

Power Source

100 to 240 VAC, 50/60Hz

Physical Interface

System Indicators

Power LED

Fault LED

PoE Max LED

LAN Mode LED

PoE Mode LED

Port Indicators

Link/Activity/Speed (per Ethernet port) 1.1.1.3

Link/Activity/Speed (per SFP slot)

L3 Software 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

L2 Software Features

Network Management

EnGenius Cloud

SkyKey

ezMaster

Local Web GUI

MAC Address Table

16K 1.1.1.4

Jumbo frame size

10K

Multicast Group

Max 256 groups

MLD Snooping

MLD Snooping: v1

QoS-number of Priority Queues Supported

Queue 8

QoS Trust Mode

Cos/802.1p 1.1.5.4

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

802.1w Rapid Spanning Tree

802.1S Rapid Spanning Tree

Loopback Detection

Multicast Filitering

IGMP Multicast Forwarding

IGMP Snooping

Technical Specifications

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 Packet Validation (additional validation checks)
Voice VLAN
Port-based VLAN
Protocol-Based VLAN
CoS Mapping
802. 1X Radius Authentication Protocol
IPv4 Settings/ IPv6 Settings
1.1.1.5.2 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

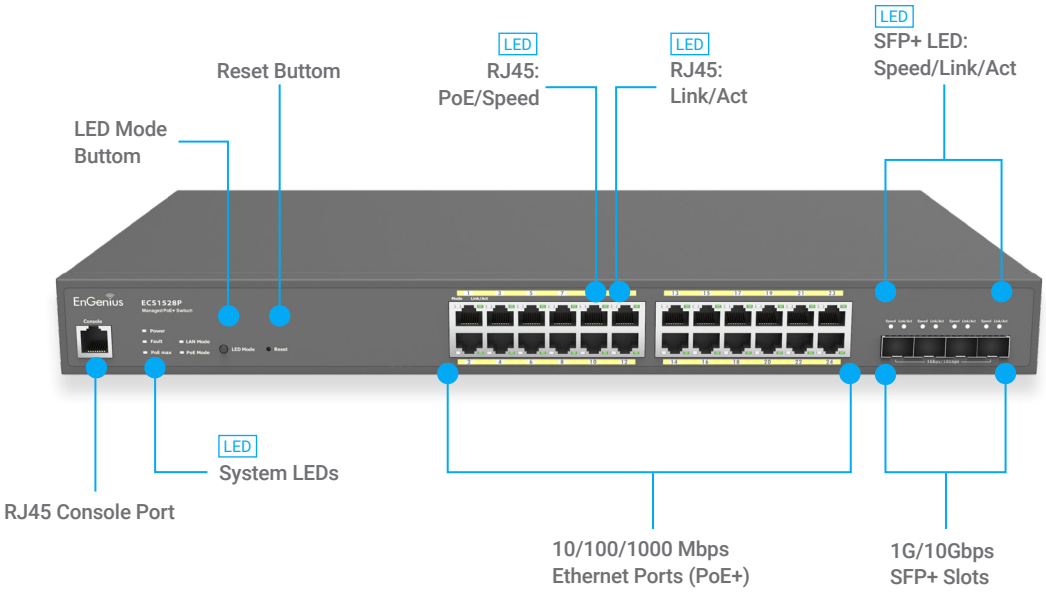
Environmental & Physical

Temperature Range
Operating: 32°F to 122°F (0°C to 50°C)
Humidity (Non-Condensing)
Operating: 5% - 95%

Device Dimensions & Weight

Device Dimensions & Weights
Weight: 3.81 kg
Width: 440 mm
Length: 260 mm
Height: 44 mm
Package Contents
1x Cloud Managed Gigabit Switch
1x Quick Installation Guide
1x Power Cord
1x RJ45 Console Cable
1x Rack Mount Kit

Hardware Overviews



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