





Cloud Managed 24-Port Multi-Gigabit L2+ Managed PoE+ Switch with 410W & 4 SFP+ Slots

Simple network configuration, monitoring, and management

Product Highlights

The EnGenius ECS2528FP cloud-managed 410 Watt 24-port PoE+ multi-gigabit switch with simple network configuration, monitoring, and management powers IP cameras, VoIP phones, and access points. The ECS2528FP offers features like extended PoE mode, PD lifeguard, and continuous PoE power, to extend the reach and to maximize uptime for surveillance cameras.

Features & Benefits

- · 24 10/100/1000/2500 Base-T GbE Ports
- 16 Gigabit and 8 2.5-Gigabit PoE Ethernet Ports
- Full-Featured Layer 2+ Ethernet Switch
- 802.3 at/af PoE+ Ready on All Ports with 410W PoE budget
- 152 Gbps Switching capacity
- 4 10-Gigabit Dual-Speed SFP+ (fiber) uplink ports
- Quick-Scan Device Register, Remote Monitoring and Troubleshooting
- 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

Port Standards

4 SFP+ Ports

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	
16 10/100/1000 Mbps Ports	
8 100/1000/2500 Mbps Ports	

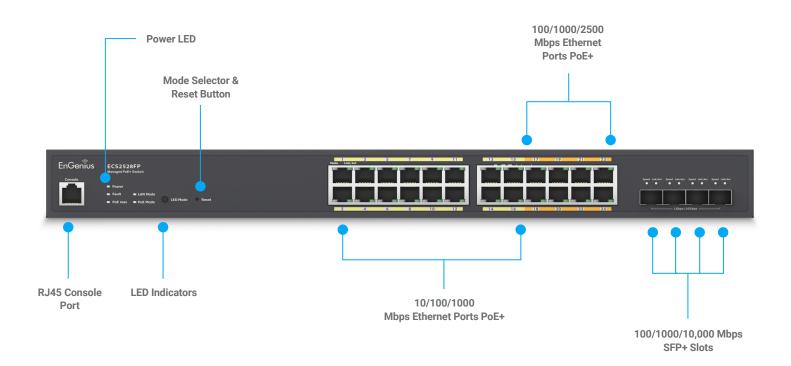
Switching Capacity 152Gbps SDRAM 512MB Flash Memory 128MB PoE Capable Ports 1-24 (802.3af/at) Total PoE Budget 410W Power Source 100 ~ 240VAC, 50-60Hz **Physical Interface** LED Indicators Power LED Fault LED PoE Max LED LAN Mode LED PoE Mode LED Ports

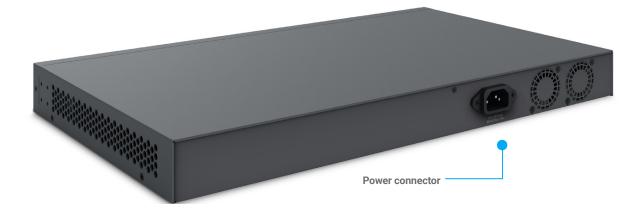
Link/Activity/Speed (per Ethernet port) Link/Activity/Speed (per SFP slot)



Software Features(L3 Feature)	HTTPS IPv4 / IPv6
Multiple IP Interface	SSL Certificate
20 IPv6 address	Certificate/Key Import
ARP Table	
Max. 192 ARP entries	SNMP
Static ARP Static 192 ARP entries	SNMP v1/v2c/v3 Support
	RMON
IPv4 Static Route	RMON 1,2,3,9
Max. 63 entries	System Time
IPv6 Static Route	Time Setting/Daylight saving
Max. 21 entries	
Software Features(L2 Feature)	Common L2 Features
Network Management	802.1d Spanning tree
EnGenius Cloud	Loopback Detection
ezMaster/SkyKey	Multicast Filitering
Local Web GUI MAC Address Table	IGMP Multicast Forwarding
16K	IGMP Snooping
Jumbo Frame	
10К	MLD Multicast Forwarding
Multicast Group	802.1Q VLAN tagging
Max 256 groups	802.3x flow control
MLD Snooping	802.3ad Link Aggregation
MLD Snooping: v1	IPv4 DHCP Relay
QoS-Number of Priority Queues Supported	IPv4 DHCP Snooping
Queue 8	IPv4 DHCP Snooping Source MAC Address Check-up
Trust Mode	
Cos/802.1p	ARP Inspection
DSCP	ARP Packet Validation (additional validation checks)
CoS/802.1p-DSCP	Voice VLAN
Scheduling Mechanism	Port-based VLAN
Strict / WRR/ Strict + WRR	Protocol-Based VLAN
Bandwidth Control	Cos Monning
Port-based bandwidth control (Ingress/Egress)	CoS Mapping
Port Security	802. 1X Radius Authentication Protocol
Max. 256 Entries	IPv4 Settings
Access Control List (ACL)	IPv6 Settings
MAC Based ACL	IEEE 802. 3az Energy Efficeient Ethernet (EEE)
IPv4/IPv6 Based ACL	
ACL Binding	Command Line Interface (CLI)
Time base ACL	SSH Server
Web Graphical User Interface(GUI)	Telnet Server
HTTP IPv4 / IPv6	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%
Package Contents
1x Cloud Managed Gigabit Switch
1x Quick Installation Guide
1x Power Cord
1x RJ45 Console Cable
1x Rack Mount Kit
Device Dimensions & Weights Device
Weight: 8.99 lbs. (4.08 kg)
Width: 10.24" (260 mm)
Length: 17.32" (440 mm)
Height: 1.73" (44 mm)
Packaging
Weight: 10.58 lbs. (4.8 kg)
Width: 13.74" (349 mm)
Length: 21.06" (535 mm)
Height: 4.09" (104 mm)
Master Carton Dimensions & Weights
Weight: 33.86 lbs. (15.36 kg)
Width: 13.98" (355 mm)
Length: 21.54" (547 mm)
Height: 12.80" (325 mm)
No. of product boxes per master carton:
3 units
Warranty
2 year
Certifications
CE, FCC, IC





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