



ECS2552FP



Cloud Managed 48-Port Multi-Gigabit L2+ Managed PoE+ Switch with 740W & 4 SFP+ Slots

Simple network configuration, monitoring, and management

Product Highlights

The EnGenius ECS2552FP cloud-managed 48-port PoE+ multi-gigabit switch with 740-Watt budget, simple network configuration, monitoring, and management powers IP cameras, VoIP phones, and access points. The ECS2552FP 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

- · 48 10/100/1000/2500 Base-T GbE Ports
- · 32 Gigabit and 16 2.5-Gigabit PoE Ethernet Ports
- · Full-Featured Layer 2+ Ethernet Switch
- 802.3 at/af PoE+ Ready on All Ports with 740W PoE budget
- 224 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

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

32 10/100/1000 Mbps Ports

16 100/1000/2500 Mbps Ports

4 SFP+ Ports



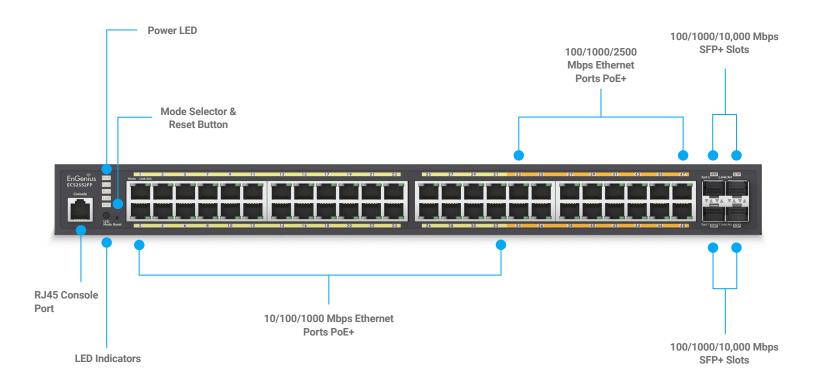
Switching Capacity	
224Gbps	
SDRAM	
512MB	
Flash Memory	
128MB	
PoE Capable Ports	
1-48 (802.3af/at)	
Total PoE Budget	
740W	
Power Source	
100 ~ 240VAC, 50-60Hz	
Physical Interface	
LED Indicators	
Power LED	
Fault LED	
PoE Max LED	
LAN Mode LED	
PoE Mode LED	
Ports	
Link/Activity/Speed (per Ethernet 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 SNMP v1/v2c/v3 Support Static 192 ARP entries **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 **IGMP Multicast Forwarding MAC Address Table** 32K IGMP Snooping **Jumbo Frame** MLD Multicast Forwarding 10K 802.1Q VLAN tagging **Multicast Group** 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 ARP Inspection** Cos/802.1p 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** 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 IPv4/IPv6 Based ACL IEEE 802. 3az Energy Efficeient Ethernet (EEE) **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	
Weight: 10.74 lbs. (4.87 kg)	
Width: 12.20" (310mm)	
Length: 17.32" (440 mm)	
Height: 1.73" (44 mm)	
Packaging	
Weight: 13.18 lbs. (5.98 kg)	
Width: 16.89" (429 mm)	
Length: 21.57" (548 mm)	
Height: 4.13" (105 mm)	
Master Carton Dimensions & Weights	
Weight: 28.37 lbs. (12.87 kg)	
Width: 17.09" (434 mm)	
Length: 21.97" (558 mm)	
Height: 8.66" (220 mm)	
No. of product boxes per master carton:	
2 units	
Warranty	
2 year	
Certifications	
CE, FCC, IC	

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