

L2+/Lite L3 Gigabit Ethernet Switch ECS4150 Series



Product Highlights:

- Hardware stacking between 28-port models
- -10°C to 65°C (ECS4150-28F), -5°C to 50°C (except ECS4150-28F)
- 6KV surge protection
- Fanless and noiseless design (ECS4150-28T)
- 24-port 1GE and 4-port 10G SFP+ uplink (28-port models)
- 48-port 1GE and 6-port 25G SFP28 uplink (54-port models)
- IEEE 802.3 af/at support with 370 W budget (ECS4150-28P)
- IEEE 802.3 af/at/bt support with 740 W budget (ECS4150-54P)
- Packet buffer size (1.5 MB for 28-port models, 3 MB for 54-port models)
- Web/CLI/SNMP/Cloud multi-management
- 3-year warranty

The Edgecore ECS4150 Series is a comprehensive portfolio of L2+/Lite L3 Gigabit Ethernet access and fiber switches featuring advanced 10G SFP+ or 25G SFP28 uplinks. Designed with enterprise connectivity and managed services in mind, the series empowers System Integrators (SIs) and Managed Service Providers (MSPs) to deliver robust, scalable, and cloud-managed networking solutions. Positioned perfectly as cloud-edge access switches, they provide the ultimate Gigabit networking foundation for SMBs, large enterprise campuses, and smart building infrastructures, seamlessly connecting modern IoT, Wi-Fi, and diverse edge devices.

To address diverse enterprise deployment scenarios, the ECS4150 Series offers highly versatile models that significantly simplify SI rollouts. The powerful PoE variants (ECS4150-28P and ECS4150-54P) deliver scalable power budgets with up to 30 Watts (PoE+) or 90 Watts (PoE++) per port. This provides a turnkey infrastructure to power high-demand devices such as Wi-Fi 6/6E access points, VoIP systems, PTZ surveillance cameras, and high-density IoT sensors over standard Cat 5 UTP cables, drastically reducing cabling complexity and installation costs for system integrators. For smart factories, warehouses, or environmentally demanding edge locations, the temperature-hardened ECS4150-28F serves as a highly resilient fiber switch.

Notably, the 28-port models (ECS4150-28T, ECS4150-28P and ECS4150-28F with SW release v6.1.7.263 or above) support hardware stacking of up to 4 units. This enables "pay-as-you-grow" scalability, allowing networks to mix models and expand seamlessly while operating as a single logical device for unified management.

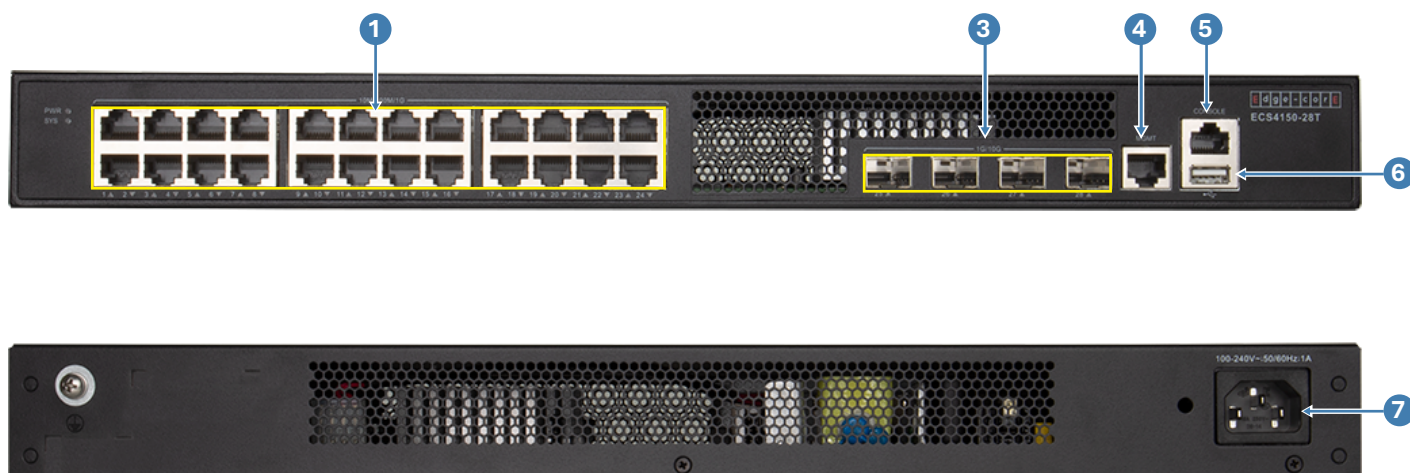
Beyond hardware flexibility, the entire ECS4150 Series is engineered to minimize operational overhead for MSPs while ensuring high availability for enterprise clients. Packed with advanced L2+/Lite L3 routing functionality, comprehensive security protocols, and advanced QoS, the series guarantees optimal traffic flow for mission-critical applications. Crucially for managed services, the switches support Zero-Touch Provisioning (ZTP) to accelerate deployments. They also offer versatile multi-management interfaces—including ecCLOUD, standard Web/CLI/SNMP, and complete Private MIB integration—allowing MSPs to fully monitor and control client networks via their own Element Management Systems (EMS). Combined with forward-looking IPv6 capabilities, the ECS4150 Series provides a future-proof, highly secure, and centrally manageable access solution.

Key Features and Benefits

- **High-Speed Enterprise Access:** Delivers versatile copper or fiber Gigabit access with powerful 10G or 25G uplinks.
- **Scalability via Stacking:** Seamless network expansion with up to 4-unit physical stacking for 28-port models.
- **High Availability:** Features ITU-T G.8032 ERPS L2 ring protection with sub-50 ms convergence time.
- **L2+/Lite L3 Routing:** Upgrades network efficiency with essential routing functions including IPv4/IPv6 Static Route and RIPv1/v2.
- **Robust Security and QoS:** Comprehensive security protocols, hardware queues, and extensive IPv6 capabilities to safeguard mission-critical traffic.
- **MSP-Optimized Management:** Accelerates rollouts with Zero-Touch Provisioning (ZTP) and offers deep integration via ecCLOUD and complete Private MIB for custom EMS platforms

Interfaces

ECS4150-28T



ECS4150-28P

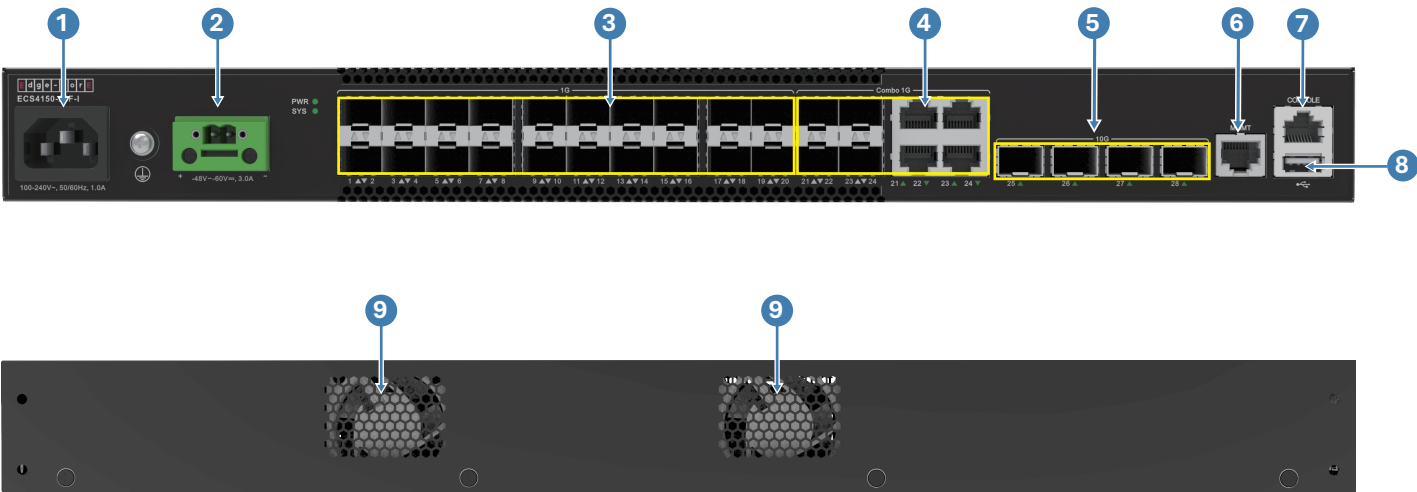


Description

- | | |
|--|------------------------|
| 1. 24 x RJ-45 10/100/1000BASE-T ports (ECS4150-28T) | 5. RJ-45 console port |
| 2. 24 x RJ-45 10/100/1000BASE-T PoE+ ports (ECS4150-28P) (max. 30 W) | 6. USB management port |
| 3. 4 x SFP+ 10 Gigabit uplink ports | 7. AC power input |
| 4. RJ-45 management port | |

Interfaces

ECS4150-28F

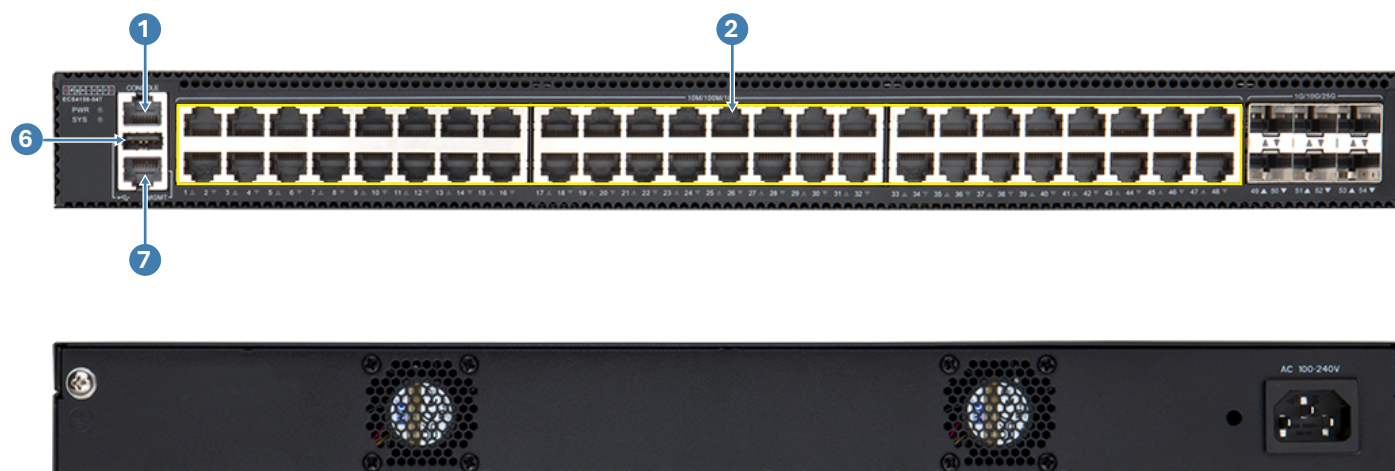


Description

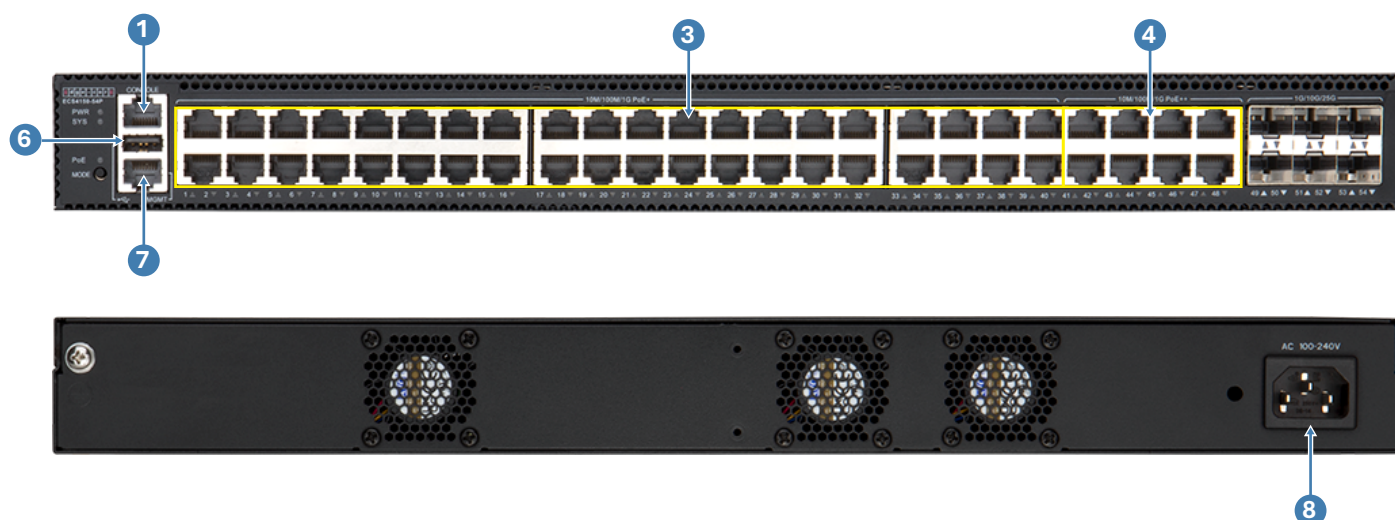
- | | |
|--|--------------------------|
| 1. AC power input | 6. RJ-45 management port |
| 2. DC power input | 7. RJ-45 console port |
| 3. 20 x 100/1000BASE-X SFP Ports | 8. USB management port |
| 4. 4 x Combo Gigabit (RJ-45/SFP) Ports | 9. Fans |
| 5. 4 x SFP+ 10 Gigabit uplink ports | |

Interfaces

ECS4150-54T



ECS4150-54P



Description

- | | |
|---|-------------------------------|
| 1. RJ-45 console port | 5. 6 x SFP28 25G uplink ports |
| 2. 48 x RJ-45 10/100/1000BASE-T ports (ECS4150-54T) | 6. USB management port |
| 3. 40 x RJ-45 10/100/1000BASE-T PoE ports (ECS4150-54P)
Port 1~40: PoE+ (max. 30 W) | 7. RJ-45 management port |
| 4. 8 x RJ-45 10/100/1000BASE-T PoE ports (ECS4150-54P)
Port 41~48: PoE++ (max. 90 W) | 8. AC power input |

Product Model		ECS4150-28T	ECS4150-28P
Product Image			
Port	RJ-45 10/100/1000BASE-T Ports	24	24
	SFP+ 10 Gigabit Uplink Ports	4	4
	RJ-45 Console Port	1	1
	RJ-45 Out-of-Band Management Port	1	1
	USB Port	1	1
Performance	Switching Capacity	128 Gbps	128 Gbps
	Forwarding Rate	95 Mpps	95 Mpps
	NAND Flash Memory	256 MB	256 MB
	DRAM	1 GB	1 GB
	Packet Buffer	1.5 MB	1.5 MB
	MAC Address Table	16 K	16 K
	Jumbo Frames	10 KB	10 KB
	Auto-negotiation, Auto-MDI/MDIX	Yes	Yes
	Surge Protection	6KV (RJ-45), 6KV (Power)	6KV (RJ-45), 6KV (Power)
	MTBF (at 25°C)	655,028 hrs	449,388 hrs
	Heat Dissipation (BTU/hr)	86	1536
	Acoustic Noise (at 25 °C, idle)	Fanless	< 40 dBA
Mechanical	Dimension (W x D x H) cm	44 x 22 x 4.4 cm	44 x 28 x 4.4 cm
	Weight	3.05 kg (6.72 lb)	4.75 kg (10.47 lb)
Power Supply	AC 100-240 VAC, 50/60 Hz	Yes	Yes
	Max System Power Consumption (Watts)	25 Watts	450 Watts
PoE	IEEE 802.3af	X	Yes
	IEEE 802.3at	X	Yes
	Power Budget	X	370 W
	Auto Disable Exceeding Power Budget	X	Yes
	Dynamic Power Allocation	X	Yes
Environmental	Operating Temperature	-5 ~ 50°C	-5 ~ 50°C
	Storage Temperature	-40 ~ 70°C	-40 ~ 70°C
	Operating Humidity (non-condensing)	5% to 95%	5% to 95%
	Storage Humidity (non-condensing)	5% to 95%	5% to 95%
	Environmental Regulation Compliance: WEEE	Yes	Yes
	Environmental Regulation Compliance: RoHS	Yes	Yes
Certification	FCC Class A	Yes	Yes
	CE	Yes	Yes
	Safety Compliance: CB (IEC/EN 62368-1)	Yes	Yes
	Safety Compliance: UL (CSA 22.2 No 62368-1 & UL62368-1)	Yes	Yes
ecCLOUD Management TIP (OLS) Management		Supported	Supported

Product Model

ECS4150-28F

Product Image



Port	100/1000BASE-X SFP Ports	20
	Combo Gigabit (RJ-45/SFP) Ports	4
	SFP+ 10 Gigabit Uplink Ports	4
	RJ-45 Console Port	1
	RJ-45 Out-of-Band Management Port	1
	USB Port	1
Performance	Switching Capacity	128 Gbps
	Forwarding Rate	95 Mpps
	NAND Flash Memory	256 MB
	DRAM	1 GB
	Packet Buffer	1.5 MB
	MAC Address Table	16 K
	Jumbo Frames	10 KB
	Auto-negotiation, Auto-MDI/MDIX	Yes
	Surge Protection	6KV (RJ-45), 6KV (AC), 4KV (DC)
	MTBF (at 25°C)	332,552 hrs
	Heat Dissipation (BTU/hr)	205 Btu/hr
Mechanical	Acoustic Noise (at 25 °C, idle)	<41 dBA
	Dimension (W x D x H) cm	44 x 22 x 4.4 cm
	Weight	2.98 kg (6.57 lb)
Power Supply	AC 100-240 VAC, 50/60 Hz	Yes
	DC Power Input (-48 – -60 V)	Yes
	Max System Power Consumption (Watts)	60 Watts
Environmental	Operating Temperature	-10 – 65°C
	Storage Temperature	-40 – 70°C
	Operating Humidity (non-condensing)	5% – 95%
	Storage Humidity (non-condensing)	5% – 95%
	Environmental Regulation Compliance: WEEE	Yes
	Environmental Regulation Compliance: RoHS	Yes
Certification	FCC Class A	Yes
	CE	Yes
	Safety Compliance: CB (IEC/EN 62368-1)	Yes
	Safety Compliance: UL (CSA 22.2 No 62368-1 & UL62368-1)	Yes
	ecCLOUD Management TIP (OLS) Management	Supported

Product Model		ECS4150-54T	ECS4150-54P
Product Image			
Port	RJ-45 10/100/1000BASE-T Ports	48	48
	SFP28 25G Uplink Ports	6	6
	RJ-45 Console Port	1	1
	RJ-45 Out-of-Band Management Port	1	1
	USB Port	1	1
Performance	Switching Capacity	396 Gbps	396 Gbps
	Forwarding Rate	295 Mpps	295 Mpps
	NAND Flash Memory	256 MB	256 MB
	DRAM	1 GB	1 GB
	Packet Buffer	3MB	3MB
	MAC Address Table	16 K	16 K
	Jumbo Frames	10 KB	10 KB
	Auto-negotiation, Auto-MDI/MDIX	Yes	Yes
	Surge Protection	6KV (RJ-45), 6KV (Power)	6KV (RJ-45), 6KV (Power)
	MTBF (at 25°C)	516,924 hrs	361,493 hrs
	Heat Dissipation (BTU/hr)	177	2849
	Acoustic Noise (at 25 °C, idle)	< 16 dBA	< 36 dBA
Mechanical	Dimension (W x D x H) mm	442 x 420 x 43.6	442 x 420 x 43.6
	Weight	4.7 kg (10.36 lb)	5.5 kg (12.13 lb)
Power Supply	AC 100-240 VAC, 50/60 Hz	Yes	Yes
	Max System Power Consumption (Watts)	52 W	835 W
PoE	IEEE 802.3af	X	Yes
	IEEE 802.3at	X	Yes
	IEEE 802.3bt	X	Yes
	Power Budget	X	740 W
	Auto Disable Exceeding Power Budget	X	Yes
	Dynamic Power Allocation	X	Yes
Environmental	Operating Temperature	-5 ~ 50°C	-5 ~ 50°C
	Storage Temperature	-40 ~ 70°C	-40 ~ 70°C
	Operating Humidity (non-condensing)	5% to 95%	5% to 95%
	Storage Humidity (non-condensing)	5% to 95%	5% to 95%
	Environmental Regulation Compliance: WEEE	Yes	Yes
	Environmental Regulation Compliance: RoHS	Yes	Yes
Certification	FCC Class A	Yes	Yes
	CE	Yes	Yes
	Safety Compliance: CB (IEC/EN 62368-1)	Yes	Yes
	Safety Compliance: UL (CSA 22.2 No 62368-1 & UL62368-1)	Yes	Yes
	ecCLOUD Management TIP (OLS) Management	Supported	Supported

Base L3 Routing

- ARP (Address Resolution Protocol)
 - ARP cache: 592 entries
 - ARP statistics and entry display
 - Configurable ARP aging timeout
 - Dynamic ARP learning
 - Proxy ARP
 - Static ARP entries (32)
- DNS (Domain Name Service)
 - DNS cache display and clear
 - DNS client and proxy service
 - Domain name list and default domain
 - Static host table
 - Multicast DNS (mDNS)
 - Up to 6 name servers (IPv4/IPv6)
- L3 Features IPv4
 - CIDR (Classless Inter-Domain Routing)
 - DHCP Relay
 - Multi-netting
 - RIPv1/v2
 - Static Routes (32)
 - Unicast Routing
- L3 Features IPv6
 - DHCPv6 Relay
 - IPv6 Unicast Routing
 - Static Routes (16)

Diagnostics

- Cable diagnostics (TDR) on RJ-45 ports
- Digital Diagnostic Monitoring (DDM) on SFP/SFP+/SFP28 ports
- Internal port loopback test
- Port statistical history
- Transceiver threshold monitoring with alarm and warning traps

Environmental Specifications

- Temperature:
 - 10°C to 65°C (Standard Operating): ECS4150-28F
 - 5°C to 50°C (Standard Operating): Other models
 - 40°C to 70°C (Non-Operating)
- Humidity: 5% to 95% (Non-condensing)

Green Ethernet

- IEEE 802.3az Energy-Efficient Ethernet (EEE)

IPv6 Features

- DHCPv6 Snooping
- HTTP over IPv6
- IPv4/IPv6 dual protocol stack
- IPv6 Address Types Stack: Unicast
- IPv6 Neighbor Discovery:
 - Address resolution
 - Duplicate address
 - Unreachable neighbor detection
- IPv6 ND Snooping
 - Binding
 - Global
 - Per-VLAN
 - Per-port
 - Prefix tables
- IPv6 RA Guard
- IPv6 Source Guard
- IPv6 Syslog support
- IPv6 Telnet support
- IPv6 TFTP support
- Manual configuration
- MLD Filtering and Throttling
- MLD Snooping v1/v2
- MVR6
- Remote IPv6 ping
- SNMP over IPv6
- Stateless auto-configuration

L2 Features

- 10/100/1000BASE-T copper interfaces
- Auto MDI/MDI-X
- Auto-negotiation for port speed and duplex mode
- Broadcast/Multicast/Unknown Unicast storm control
- Flow Control:
 - Back-Pressure for half-duplex mode
 - IEEE 802.3x for full-duplex mode
- IGMP Snooping:
 - IGMP Authentication
 - IGMP Filtering
 - IGMP Immediate Leave
 - IGMP Proxy reporting
 - IGMP Querier
 - IGMP Throttling
 - IGMP v1/v2/v3 snooping
- ITU-T G.8032v2 Ethernet Ring Protection Switch
 - Multiple-ring network
 - Revertive operation mode
 - Sub 50 msec convergence
- Jumbo frames 10KB
- L2 Virtual Private VLAN:
 - CDP/PVST+ Filtering
 - L2 Protocol tunneling (xSTP, CDP, VTP and PVST+, LLDP)
 - Q-in-Q
 - Selective Q-in-Q
 - VLAN translation (VLAN mapping)
 - VLAN double tagging
- Link Aggregation:
 - IEEE 802.3ad Link Aggregation Control Protocol
 - Load Balancing: SA+DA, SA, DA, SIP+DIP, SIP, DIP
 - Static Trunk
 - Trunk Groups: 28, up to 8 ports per group
- Multi-chassis Link Aggregation (MLAG)
- Multi-speed (1G, 10G, 25G) fiber interfaces
- MVR (Multicast VLAN Registration): Supports 5 multicast VLANs
- Non-Spanning Tree loopback detection
- Port mirroring
 - VLAN Mirror/Mac Based Mirror/ACL Mirror
- Remote port mirror (RSPAN)
- SFP28 Ports Support:
 - IEEE 802.3ae (10GBASE-SR/LR)
 - IEEE 802.3ay (25GBASE-SR)
 - IEEE 802.3cc (25GBASE-LR)
 - IEEE 802.3z (1000BASE-SX/LX) transceivers, and 10G/25G DAC/AOC
- SFP+ Ports Support:
 - IEEE 802.3ae changeable (10GBASE-SR/LR)
 - IEEE 802.3z (1000BASE-SX/LX) transceivers, and 10G DAC/AOC
- Smart Pair
- Spanning Tree Protocol:
 - BPDU Guard
 - BPDU filtering Root Guard
 - BPDU transparent
 - IEEE 802.1D Spanning Tree Protocol (STP)
 - IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
 - IEEE 802.1s Multiple Spanning Tree Protocol (MSTP), 64 instances
 - Loopback detection
- Static LACP
- VLANs:
 - GVRP
 - IEEE 802.1Q VLAN
 - IEEE 802.1v Protocol-based VLAN
 - IP Subnet-based VLAN
 - MAC-based VLAN
 - Port-based VLAN
 - Supports 4K VLAN
 - Traffic Segmentation (supports Excluded VLANs)
- VLAN trunking
- UDLD

Management

- DHCP client for IP address assignment
- DHCP dynamic provision Option 66,67
- DHCP Server
- Fan control
- Firmware and Configuration:
 - Firmware upgrade via TFTP/HTTP/FTP/SFTP/FTPS/SCP server
 - Multiple configuration files
 - Configuration file upload/download via TFTP/HTTP/FTP/SFTP/FTPS/SCP server
- IP Clustering (up to 36)
- IPv6 sFlow
- LLDP (IEEE 802.1ab) and LLDP-MED
 - Extended PoE TLV
 - Fast Start
 - IEEE 802.3 TLVs
 - Inventory TLVs
 - Location Civic Address
 - Network Policy
- MAC address traps
- NTP with MD5 authentication, SNTP
- Power saving mode
- Remotelog (RFC3164)
- RMON (groups 1, 2, 3 and 9)
- Scheduled system reboot
- sFlow v4, v5
- SMTP (E-mail Notification)
- SNTP
- SNMP Notification Log (RFC 3014)
- Software watchdog
- Summer time/DST, predefined time zones
- Switch Management:
 - CLI via console port or Telnet
 - Web management
 - SNMP v1, v2c, v3
- Syslog (local Flash)
- Zero Touch provisioning

OAM

- Dying Gasp
- IEEE 802.3ah EFM (Ethernet in the First Mile)
- IEEE 802.1ag Connectivity Fault Management
 - Cross check
 - Link Trace
 - Loopback
- ITU-T Y.1731 ETH OAM Performance Monitor
- TWAMP (RFC 5357) reflector

PoE (ECS4150-28P/ECS4150-54P)

- Auto disable on exceeding power budget
- Dynamic power allocation
- IEEE 802.3af/at (28P), IEEE 802.3af/at/bt (54P)
- LLDP-MED extended PoE and IEEE 802.3 PoE TLV
- PD classification-based power limiting
- Per-port maximum power allocation
- Per-port power priority
- Per-port power scheduling via time range

Power Supply

- Power Input: 100 to 240 VAC, 50/60 Hz
- Power Input (28F): -48 – -60 VDC

QoS Features

- Auto Traffic Control
- Egress policy map (police rate, remark CoS/DSCP)
- Ingress policy map (police rate, remark CoS)
- Priority Queues: 8 hardware queues per port
- Rate Limiting (ingress and egress, per port base)
 - GE: Resolution 64 Kbps ~ 1,000 Mbps
 - 10G: Resolution 64 Kbps ~ 10,000 Mbps
 - 25GE: Resolution 64 Kbps ~ 25,000 Mbps (54-port models)
- Traffic Classification:
 - IEEE 802.1p CoS
 - IP Precedence DSCP
 - IP extended access control list (Source/Destination IP, Protocol, TCP/UDP port number)
 - IP standard access control list (Source IP)
 - MAC Access control list (Source/Destination MAC, Ether type, Priority ID/VLAN ID)
- Traffic Scheduling:
 - Strict Priority
 - Strict + WRR
 - Weighted Round Robin

Safety

- UL (CSA 22.2 NO 62368-1 and UL62368-1)
- CB (IEC/EN 62368-1)
- BSMI (CNS 15598-1)

Security

- Application Filter
- CPU Guard/Control Plane Policing (CoPP)
- Denial of Service
- DHCP Info
- DHCP Option 82
- DHCP Option 82 Relay
- DHCP Snooping
- Dynamic ARP Inspection
- Dynamic VLAN Assignment, Auto QoS
- Guest VLAN
- IPv6 ACL
- IP Source Guard
- IEEE 802.1X port based and MAC based authentication
- IEEE 802.1X Supplicant
- L2/L3/L4 Access Control List:
 - ARP access control list (sender/target IP and MAC)
 - IP standard access control list (Source IP)
 - IP extended access control list (Source/Destination IP, Protocol, TCP/UDP port number)
 - MAC Access control list (Source/Destination MAC, Ether type, Priority ID/VLAN ID)
- Login Security
- MAC authentication
- Management Interface Access Filtering (SNMP, Web, Telnet)
- Port security
- PPPoE IA
- RADIUS accounting
- RADIUS authentication
- SNMP v1/v2c/v3
- SSH (v2) for security Telnet
- SSL for HTTPS
- TACACS + accounting
- TACACS + authentication
- TACACS + authorization
- Time Range (time-based ACL)
- Web authentication
- Voice VLAN

Stacking (ECS4150-28T/ECS4150-28P/ECS4150-28F)

- Up to 4 units per stack
- Stack link bandwidth: 10 Gbps per link (20 Gbps per unit)
- Single management IP for the whole stack
- Ring and chain topology
- Automatic master election with configurable priority
- Hot-swap / hot-insertion of member units
- Automatic firmware synchronisation to members

Note: Not supported on ECS4150-54T/ECS4150-54P

Supported Transceivers and Cables

- 1000BASE-SX/LX/EX/ZX/RJ45
- 10GBASE-SR/LR/ER/RJ45
- 10GBASE-DAC/AOC Cable
- 25GBASE-SR/LR (54-port models)
- 25GBASE-DAC/AOC Cable (54-port models)
- Note: More optics and detailed cabling information can be found at www.edge-core.com.

System Capacity

- ACL Entries: 512
- ARP Entries: 592
- IP Interfaces: 16
- IPv6 ND Entries: 70
- Link Aggregation Groups (LAG): 28 (up to 8 ports per group)
- MAC Address Table: 16K entries (shared)
- Static ARP Entries: 32
- Static IPv4 Routes: 32
- Static IPv6 Routes: 16
- Static MAC Entries: 10K

Electromagnetic Compatibility

- CE Mark
- FCC Class A
- CISPR Class A
- BSMI
- VCCI

Warranty

Please check www.edge-core.com for the warranty terms in your country.

For More Information

To find out more about Edgecore Networks Corporation products and solutions, visit www.edge-core.com.

About Edgecore Networks Corporation

Founded in 2009, Edgecore Networks, a subsidiary of Accton Technology Corporation, specializes in open networking and data center infrastructure solutions. As a global leader in open networking and AI infrastructure, we deliver scalable, high-performance solutions for organizations of all sizes—from cloud data centers and AI infrastructure to service providers and enterprises.

Our open networking solutions provide the flexibility, interoperability, and investment protection organizations need while optimizing total cost of ownership.

For pricing and availability in your region, please contact your local Edgecore Networks representative or an authorized reseller. Edgecore Networks reserves the right to amend, suspend, or cancel its products, services, and related terms without prior notice.

© 2026 Edgecore Networks. All rights reserved.

The information contained herein is subject to change without notice. This document is provided for informational purposes only and does not constitute any warranty, express or implied, with respect to any equipment, equipment features, or services offered by Edgecore Networks Corporation. Edgecore Networks Corporation shall not be liable for any technical or editorial errors or omissions contained herein.

Ordering Information

Optional Accessories (ECS4150 all Series)	Product Description
ET4202-SX	1Gbps, (Distance: 500 m; Wavelength: 850 nm, DDM)
ET4202-LX	1Gbps, (Distance: 10 km; Wavelength: 1310 nm, DDM)
ET4202-EX	1Gbps, (Distance: 40 km; Wavelength: 1310 nm, DDM)
ET4202-ZX	1Gbps, (Distance: 80 km; Wavelength: 1550 nm, DDM)
ET4202-RJ45	1Gbps, (Distance:100 m)
ET4202-BD43-x0-l	1Gbps, SFP BIDI TX 1490 nm/RX 1310 nm, 10/20/40 km, I-temp (x=1, 2, 4)
ET4202-BD34-x0-l	1Gbps, SFP BIDI TX 1310 nm/RX 1490 nm, 10/20/40 km, I-temp (x=1, 2, 4)
ET5402-SR	10Gbps, (Distance: 300 m; Wavelength: 850 nm, DDM)
ET5402-LR	10Gbps, (Distance: 10 km; Wavelength: 1310 nm, DDM)
ET5402-ER	10Gbps, (Distance: 40 km; Wavelength: 1550 nm, DDM)
ET5402-RJ45	10Gbps, (Distance:100 m)
ET5402-DAC-xM	10Gbps, SFP+ DAC xM cable (x=1, 3, 5)
ET5402-AOC-xM	10Gbps, SFP+ AOC xM cable (x=3, 5, 7, 10)

ecCLOUD/TIP (OLS) Network Management Software

Optional Accessories (ECS4150-54T/ECS4150-54P)	Product Description
ET7302-SR	25Gbps, SFP28 Short Reach Transceiver
ET7302-LR	25Gbps, SFP28 Long Reach Transceiver
ET7302-DAC-xM	25Gbps, SFP28 DAC cable with xM (x= 1, 3, 5)
ET7302-AOC-xM	25Gbps, SFP28 AOC cable with xM (x= 5, 7, 10)