

SERVICE PROVIDER / WIRELINE CARRIER SOLUTIONS

4500/4600 Series Gigabit Ethernet Carrier Aggregation Switches

L3 SFP Aggregation Switch
ES4612

SFP RIP OSPF DVMPRP PIM-DM QoS VRRP

Support RPS



Fixed Ports: 8 x 1000BASE-X SFP
+ 4 x Gigabit Combo (RJ45 / SFP) ports
SFP: 1000Mbps

L3 SFP Aggregation Switch
ES4624-SFP

IPv6 SFP OSPF BGP PIM-SM/DM QoS Q-in-Q

IP Clustering VRRP




Fixed Ports: 16 x 1000BASE-X SFP
+ 8 x Gigabit Combo (RJ45 / SFP) ports
SFP: 1000Mbps

L3 SFP Aggregation Switch
ES4626-SFP

IPv6 SFP OSPF BGP PIM-SM/DM QoS Q-in-Q

IP Clustering 2*10G VRRP



Fixed Ports: 16 x 1000BASE-X SFP
+ 8 x Gigabit Combo (RJ45 / SFP)
+ 2 x 10G XFP ports
SFP: 1000Mbps

L3 SFP Aggregation Switch
ECS4610-24F

IPv6 SFP RIP OSPF PIM-SM/DM QoS

VRRP IP Clustering




Fixed Ports: 22 x 1000BASE-X SFP
+ 2 x Gigabit Combo (RJ45 / SFP) ports
SFP: 1000Mbps

New L2 GE Aggregation Switch
ECS4810-12M

IPv6 SFP Y.1731 802.3ah 802.1ag QoS Q-in-Q

Synch-E IP Clustering Dual Power Supply



Fixed Ports: 12 x Gigabit Combo (RJ45 / SFP) ports
SFP: 100/1000Mbps

New L3 Gigabit Metro Ethernet Switch
ECS4660-28F

IPv6 G.8032 QoS 2*10G IP Clustering BGP

OSPF Dual Power Supply PIM-SM/DM Q-in-Q



Fixed ports: 24 1000Base-X SFP
+ 2 10G XFP ports
+ 2 10G optional expansion module slots
SFP: 1000Mbps

4500/4600 Series I/O Modules



ECM4000-28F-DC
DC Power Supply (48V)
for ECS4660-28F



ECM4000-28F-AC
AC Power Supply (100V-240V)
for ECS4660-28F



ECM4000-FAN
Fan Tray
for ECS4660-28F

3500 Series Fast Ethernet Carrier Access Switches

L2 Fiber Access Switch
ECS3510-28F

OAM IPTV WDM SFP Uplink Port

Q-in-Q QoS Security



Fixed Ports: 24 x 100BASE-BX
+ 2 x Gigabit Combo (RJ45 / SFP) ports
+ 2 x 1000BASE-T ports
SFP: 100/1000Mbps

L2/L4 Fiber Access Switch
ES3528M-SFP

OAM IPTV SFP Uplink Port

Q-in-Q QoS Security



Fixed Ports: 24 x 100BASE-X SFP
+ 2 x 10G XFP ports
+ 2 x Gigabit Combo (RJ45 / SFP) ports
SFP: 100/1000Mbps

L2/L4 WDM Access Switch
ES3528-WDM

Front Access Dual Power Supply OAM

Q-in-Q QoS Security IPTV



Fixed Ports: 24 x 100BASE-BX
+ 2 x Gigabit Combo (RJ45 / SFP) ports
+ 2 x expansion slots
SFP: 100/1000Mbps

L2 Copper Access Switch
ES3528

Front Access Dual Power Supply OAM

Q-in-Q QoS Security IPTV



Fixed Ports: 24 x 100BASE-TX
+ 2 x Gigabit Combo (RJ45 / SFP) ports
+ 2 x expansion slots
SFP: 100/1000Mbps

3500 Series I/O Modules



EM3526V-1GBGT
Gigabit Combo (RJ45 / SFP) for ES3528 & ES3528-WDM



EM3528-FAN
Fan Tray for ES3528



EM3528-DC
DC Power Supply (48V) for ES3528 & ES3528-WDM




EM3528-AC
AC Power Supply (100V-240V) for ES3528 & ES3528-WDM

New L2 Access Switch
ECS3810-26T

IPv6 QoS Y.1731 802.3ah 802.1ag Alarm

Dual Power AC/DC Fanless Design




Fixed Ports: 24 x 100BASE-TX
+ 2 x Gigabit Combo (RJ45 / SFP) ports
SFP: 100/1000Mbps

New L2 Access Switch
ECS3510-26T

IPv6 IP Clustering Q-in-Q QoS Security

Fanless Design




Fixed Ports: 24 x 100BASE-TX
+ 2 x Gigabit Combo (RJ45 / SFP) ports
SFP: 100/1000Mbps

L2 Access Switch
ES3510MA

IPv6 Q-in-Q QoS IP Clustering Green Friendly

Fanless Design




Fixed Ports: 8 x 100BASE-TX
+ 2 x Gigabit Combo (RJ45 / SFP) ports
SFP: 100/1000Mbps

New L2 Access Switch
ES3510MA-DC

IPv6 Q-in-Q QoS IP Clustering Green Friendly

DC Power Fanless Design



Fixed Ports: 8 x 100BASE-TX
+ 2 x Gigabit Combo (RJ45 / SFP) ports
SFP: 100/1000Mbps

New L2 Access Switch
ES3528MV2

IPv6 4K VLAN Dual Speed SFP QoS DDM

Availability Security Fanless Design




Fixed ports: 24 10/100Base-TX ports
+ 4 Gigabit Combo (RJ-45/SFP) ports
SFP: 100/1000Mbps

New L2 Access Switch (DC version)
ES3528MV2-DC

IPv6 4K VLAN Dual Speed SFP QoS DDM

Availability Security DC Power Fanless Design




Fixed ports: 24 10/100Base-TX ports
+ 4 Gigabit Combo (RJ-45/SFP) ports
SFP: 100/1000Mbps

L2 Access Switch
ES3552M


IP Clustering Q-in-Q QoS Security

Fanless Design




Fixed Ports: 48 x 100BASE-TX
+ 4 x Gigabit Combo (RJ45 / SFP) ports
SFP: 100/1000Mbps

1G SFP Transceivers with DDM



ET4202-SX
- Multi mode SFP transceiver
- Up to 500m (850nm)



ET4202-LX
- Single mode SFP transceiver
- Up to 10km (1310nm)

Carrier Access CPEs

L2 Access Gateway
EC3805

802.1 VLAN IGMP Proxy IGMP Snooping



Fixed Ports: 5 x 100BASE-TX ports
with RJ-45 connector

L2 Access Gateway
EC3805F

802.1 VLAN IGMP Proxy IGMP Snooping



Fixed Ports: 1 x 100BASE-BX
+ 4 x 100BASE-TX ports
Tx: 1310 nm / Rx: 1550 nm, up to 20 km

L2 Access CPE
EC3802-WDM

OAM Web Management 802.3x Flow Control



Fixed Ports: 1 x 100BASE-BX Fiber
+ 1 x 100BASE-TX port
Tx: 1310 nm / Rx: 1550 nm, up to 20 km

ENTERPRISE SOLUTIONS

5000 Series 10 Gigabit Data Center Switches

L2 10 Gigabit Ethernet Switch
ECS5510-48S

FCoE Jumbo Frame 802.1Qau VRRP ECMP

802.1Qbb 802.1Qaz OSPF



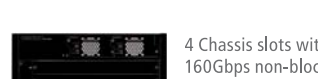
Fixed Ports: 48 x 10G SFP
+ 1 x RJ-45 management
+ 1 x RJ-45 console port + 2 x PSU
slots for removable power supply
Two airflow options: F to R or R to F

6000 Series 10 Gigabit LAN Core Switches

4-Slot L3 Chassis Switch
ES4704BD

IPv6 4-Slot 10GE Routing L3 Multicast QoS

Hot Swappable Dual Power Supply Redundancy



4 Chassis slots with max. 160Gbps non-blocking switching fabric

Agent Accessory

EM4704BD-M12GT12GC1XG
L3 Management Module with 12 x 1000BASE-X SFP + 12 x 1000BASE-T + 1 x 10G XFP ports


EM4704BD-M44GT
L3 Management Module with 44 x 1000BASE-T ports

EM4704BD-AC
110/220V AC Power Supply

10-Slot L3 Chassis Switch
ES4710BD

IPv6 10-Slot 10GE Routing L3 Multicast QoS

Hot Swappable Triple Power Supply Redundancy



10 Chassis slots with max. 320Gbps non-blocking switching fabric

Agent Accessory

EM4710BD-Agent
L3 Management Module

EM4710BD-Agent 2
L3 Management Module MPLS Support

EM4710BD-AC
110/220V AC Power Supply

I/O Modules

EM4700BD-12GT12GC
12 x 1000BASE-T + 12 x Gigabit Combo (RJ-45 / SFP) ports

EM4700BD-12GT12GC2XG
12 x 1000BASE-X SFP ports + 12 x Gigabit Combo (RJ-45 / SFP) + 2 x 10G XFP ports

EM4700BD-4XG-XFP
4 x 10G XFP ports

New EM4700BD-24GX12GT2XFP
24 x 1000BASE-X SFP ports + 12 x 1000BASE-T + 2 x 10G XFP ports

EM4700BD-48GX
48 x 1000BASE-X SFP ports


New EM4700BD-48GT
48 x 1000BASE-T ports

3600/4600 Series Gigabit / Fast Ethernet LAN Distribution Switches

New L3 Fast Ethernet Standalone Switch
ECS3610-28T

IPv6 Routing L3 Multicast QoS Standalone

IP Clustering Jumbo Frame Support RPS



Fixed Ports : 24 x 100BASE-TX
+ 2 x Gigabit Combo (RJ-45 / SFP)
+ 2 x 1000BASE-X SFP ports
SFP: 100/1000Mbps

L3 Gigabit Ethernet Stackable Switch
ECS4610-26T

IPv6 2*10G VRRP QoS OSPF

Jumbo Frame Support RPS



Fixed Ports: 20 x 1000BASE-T + 4 x Gigabit Combo (RJ-45 / SFP) ports + 2 x 10G Extender Module Slots for XFP Transceivers + 2 slots for Stacking

Modules and Accessories
EM4626H-XG-XFP
EM4626H-XG10GSFP+
ECS4600-STACABLE-L
ECS4600-STACABLE-S

L3 Gigabit Ethernet Stackable Switch
ECS4610-50T

IPv6 2*10G VRRP QoS OSPF

Jumbo Frame Support RPS



44 x 1000BASE-T + 4 x Gigabit Combo (RJ-45 / SFP) ports + 2 x 10G Extender Module Slots for XFP Transceivers + 2 slots for Stacking

Modules and Accessories
EM4626H-XG-XFP
ECS4600-STACABLE-L
ECS4600-STACABLE-S

I/O Modules

EM4626H-XG-XFP
10G Uplink Optional Module

ECS4600-STACABLE-L
10G Stacking Cable (Long-130cm)

ECS4600-STACABLE-S
10G Stacking Cable (Short-30cm)

4500 Series Gigabit Ethernet LAN Access Switches

L2/L4 GE Standalone Switch

ES4524D
 IPv6 Q-in-Q QoS Security IP Clustering
 Support RPS



Fixed Ports: 20 x 1000BASE-T + 4 x Gigabit Combo (RJ45 / SFP) ports
 SFP: 1000Mbps

New GE Web Smart Switch

ECS4310-18T
 IPv6 QoS LLDP Jumbo Frame Green Friendly



Fixed Ports: 16 x 1000BASE-T + 2 x 1000BASE-X SFP ports
 SFP: 1000Mbps

L2/L4 GE Standalone Switch

ES4528V
 IPv6 Q-in-Q QoS Security Green Friendly



Fixed Ports: 24 x 1000BASE-T + 4 x Gigabit Combo (RJ-45 / SFP) ports
 SFP: 100/1000Mbps

GE Web Smart Switch

ES4324
 QoS Security 24GE Ports Green Friendly



Fixed Ports: 20 x 1000BASE-T + 4 x Gigabit Combo (RJ45 / SFP) ports
 SFP: 1000Mbps

New L2/L4 GE Stackable Switch

ECS4810-28TS
 IPv6 Q-in-Q QoS Security Hardware Stacking



Fixed Ports: 24 x 1000BASE-T + 4 x Gigabit Combo (RJ-45 / SFP) ports
 SFP: 100/1000Mbps

GE Web Smart Switch

ECS4310-26T
 IPv6 QoS LLDP Jumbo Frame Green Friendly



Fixed Ports: 24 x 1000BASE-T + 2 x 1000BASE-X SFP ports
 SFP: 1000Mbps

L2/L4 GE Standalone Switch

ES4548D
 IPv6 Q-in-Q QoS Security IP Clustering
 Scalability Support RPS



Fixed Ports: 44 x 1000BASE-T + 4 x Gigabit Combo (RJ45 / SFP) ports
 SFP: 1000Mbps

PoE Series Switches

GE Web Smart PoE Switch

ES4308-PoE
 QoS Security PoE Green Friendly



Fixed Ports: 7 x 1000BASE-T + 1 x Gigabit Combo (RJ45 / SFP) port
 SFP: 1000Mbps
 PoE Power: 7.5W for 8 ports or 15.4W for 4 ports; 25W for port 1.
 Total PoE power : 70W

L2/L4 Fast Ethernet PoE Switch

ES3528MF-PoE
 QoS Security PoE IP Clustering



Fixed Ports: 24 x 100BASE-TX + 2 x 1000BASE-T + 2 x Gigabit Combo (RJ-45 / SFP) ports
 SFP: 100/1000Mbps
 PoE Power: 15.4W for 24 ports
 Total PoE power : 375W

L2/L4 Fast Ethernet PoE Switch

ES3528M-PoE
 QoS Security PoE IP Clustering



Fixed Ports: 24 x 100BASE-TX + 2 x 1000BASE-T + 2 x Gigabit Combo (RJ-45 / SFP) ports
 SFP: 100/1000Mbps
 PoE Power: 7.5W for 24 ports or 15.4W for 12 ports
 Total PoE power : 180W

L2/L4 Gigabit Ethernet PoE Switch

ES4524M-PoE
 QoS Security PoE IP Clustering



Fixed Ports: 22 x 1000BASE-T + 2 x Gigabit Combo (RJ-45 / SFP) ports
 SFP: 100/1000Mbps
 PoE Power: 7.5W for 24 ports
 Total PoE power : 180W

Redundant Power Supplies

4-Port Redundant Power Supply



Physical Ports: 4 x redundant power supply ports
 Max. output power : 150W / 12V per port
 Supported products: ES4612, ES4524D / 48D, ECS4610-26T / 50T, ECS3610-28T

Pluggable Optics

XFP/SFP Transceivers



ET3203-BX20 100BASE-BX
 • Wavelength: TX1310nm / RX1550nm • Distance: 20km
 ET3203-BX20D 100BASE-BX
 • Wavelength: TX1550nm / RX1310nm • Distance: 20km



ET4201-SX 1000BASE-SX
 • Multi Mode SFP Transceiver • Up to 500m (850nm)
 ET4201-LHX 1000BASE-LHX
 • Single Mode SFP Transceiver • Up to 40km (1310nm)



ET4201-LX 1000BASE-LX
 • Single Mode SFP Transceiver • Up to 10km (1310nm)



ET4201-ZX 1000BASE-ZX
 • Single Mode SFP Transceiver • Up to 80km (1550nm)



ET4201-BX45 1000BASE-T
 • Copper SFP Transceiver • Distance: 100m



ET4203-BX20 1000BASE-BX
 • Wavelength: TX1310nm / RX1490nm • Distance: 20km



ET4203-BX20D 1000BASE-BX
 • Wavelength: TX1490nm / RX1310nm • Distance: 20km



ET4204-BX10 1000BASE-BX
 • Wavelength: TX1310nm / RX1550nm • Distance: 10km



ET4204-BX10D 1000BASE-BX
 • Wavelength: TX1550nm / RX1310nm • Distance: 10km



ET5302-SR 10 Gigabit XFP
 • 802.3ae 10G BASE-SR Compliance • Distance: 300m



ET5302-LR 10 Gigabit XFP
 • 802.3ae 10G BASE-LR Compliance • Distance: 10Km



ET5302-ER 10 Gigabit XFP
 • 802.3ae 10G BASE-ER Compliance • Distance: 40Km



ET5402-SR 10 Gigabit XFP
 • 802.3ae 10G BASE-SR Compliance • Distance: 300m



ET5402-LR 10 Gigabit XFP
 • 802.3ae 10G BASE-LR Compliance • Distance: 10Km



ET5402-ER 10 Gigabit XFP
 • 802.3ae 10G BASE-ER Compliance • Distance: 40Km

WIRELESS NETWORKING

Wireless Indoor Access Points

Indoor Dual Band AP

WA6102X
 802.11a/b/g PoE Multi SSIDs WEP WPA WPA2
 WDS VLAN Detachable Antennas



• Radio: 2.4 GHz / 5 GHz concurrent ,802.11 a/b/g
 • Port Interface: 1 x 100Mbps port
 • Antennas: 2 x 4.5 dBi detachable antennas

Indoor Dual Band AP

EAP8518
 802.11n 802.11a/b/g PoE WEP WPA WPA2
 WDS VLAN Multi SSIDs Detachable Antennas



• Radio: 2.4 GHz / 5 GHz, 802.11 a/b/g/n
 • Port Interface: 1 x 1000Mbps port
 • Antennas: 3 x detachable antennas

Wireless Outdoor Access Points

Outdoor Dual Band AP

WA6202A / WA6202AM
 802.11a/b/g PoE Multi SSIDs WDS IP68
 WEP WPA WPA2



• Radio: 2.4 GHz / 5 GHz concurrent, 802.11 a/b/g
 • Port Interface: 1 x 100Mbps port
 • Antennas (WA6202A):
 3 x N-type connectors + 17 dBi integrated panel antenna
 • Antennas (WA6202AM): 4 x N-type connectors

NETWORK MANAGEMENT SYSTEM

Network Management System

ECView Pro Network Management System

Feature Highlights:
 • Multiple Switch Vendor Support
 • Multi-Language Support
 • SNMP Support
 • Support for Multiple Discovery Protocols for Robust Device Identification
 • Configuration Management
 • Asset Management
 • Powerful Network Topology Mapping Tool
 • Proactive Network Monitoring
 • Event Notification and Reporting



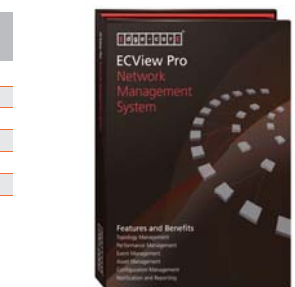
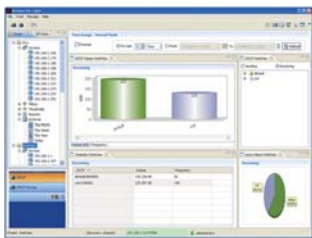
New ECView System Traffic Analyzer Module

Traffic Analyzer
 Feature Highlights:
 • Multi Vendor Support
 • Multiple Protocol Support
 • Track Specific Devices Using Projects
 • In-depth Network Traffic Analysis
 • Baseline With Past Traffic Flows
 • Advanced Port/Protocol Filtering



System Requirements for ECView Pro Client/Server:

- Microsoft Windows 2000 SP4 or higher
- Windows 2003/2008 Server
- Windows XP SP1 or higher, Windows 7
- Solaris 2.8 or higher
- Red Hat Linux
- SuSE Linux



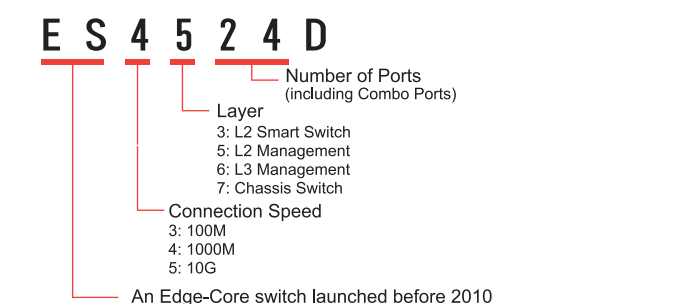
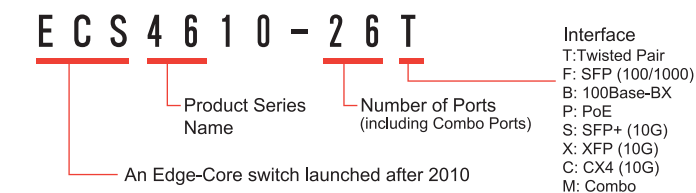
www.edge-core.com/nms

Edge-Core Networks is a professional networking solution provider offering a complete range of enterprise-level and service provider/carrier Ethernet networking equipment to partners around the world. Edge-Core was spun-off from Accton Technology Group into an independent subsidiary in 2010.

Today, Edge-Core Networks offers complete network infrastructure solutions that range from wired to wireless. Our products can be found at enterprises and carriers all over the world, at every layer of the network. Having a firm grasp on the core technology enables Edge-Core to respond proactively to shifting market demands, providing clients with timely and up-to-date feature additions to facilitate network growth and scale as technologies advance.

Better living through innovation has always been the centerpiece of our vision. We strive to make our vision a reality by continuously introducing new products and services so that the world may connect faster, easier, and better. Edge-Core, transforming the way the world connects.

Naming Convention



Power Cord Type: NEMA5-15P

What is Combo Port?
 A combo port is a single logical port with two physical connections: 10/100/1000Base-T port and SFP slot for fiber-based modules. Only one of the 2 connections may be used at any time.



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