

ES3526XA Product Specifications



Features

Physical Ports

24 RJ-45 10/100Base-T ports
2 Combo Gigabit (RJ-45/SFP) ports
1 RS-232 DB-9 console port

Performance

Switching Capability: 8.8Gbps
Packet Buffer Size: 2Mb
MAC Address Table: 8K

L2 Features

Auto-negotiation for port speed and duplex mode
Flow Control:

- IEEE 802.3x for full duplex mode
- Back-Pressure for half duplex mode

Spanning Tree Protocol:

- IEEE 802.1D Spanning Tree Protocol (STP)
- IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
- IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)

VLANs:

- Supports 255 IEEE 802.1Q VLANs
- Port-based and MAC-based VLANs
- IEEE 802.1v Protocol-based VLANs
- Private VLAN
- GVRP
- Supports QinQ (*)

Link Aggregation:

- Static Trunk
- IEEE 802.3ad Link Aggregation Control Protocol
- Total 12 Trunks (including Cisco Ether Channel Like trunks (2~8 port/trunk FE 2 port/trunk GE) (*)

IGMP Snooping:

- IGMP v1 and v2 snooping & IGMP Queried

MVR (Multicast VLAN Registration)(*)
DHCP Option 82(*)
Supports jumbo frames up to 9KB

QoS Features

Priority Queues: 4 hardware queues per port
Traffic classification based on IEEE 802.1p CoS, IP Precedence, DSCP, TCP/UDP port number
Supports WRR and Strict scheduling
Bandwidth Control:

- Egress rate limiting: 512Kbps, 1Mbps, 3.3Mbps granularity for total 30 levels
- Ingress rate limiting: 512Kbps, 1Mbps, 3.3Mbps granularity for total 30 levels

Security

Supports IEEE 802.1X

- Port based Access Control
- Guest VLAN(*)
- VLAN assignment(*)

RADIUS authentication
TACACS+ authorization and accounting(*)
TACACS+ 3.0
Access Control List
SSH (v1.5/v2.0)
SSL

Management

Switch Management:

- CLI via console port or Telnet
- WEB management
- SNMP v1, v2c, v3

Firmware & Configuration:

- Dual firmware images
- Firmware upgrade via TFTP server
- Multiple configuration files
- Configuration file upload/download via TFTP server

Supports RMON (groups 1, 2, 3 and 9)
Supports BOOTP, DHCP for IP address assignment
Supports SNTp

- Topology Management
- Performance Management
- Configuration Management
- Event Management
- SNMP Management
- DHCP Option 82 (*)

IP Source Guard(*)
IP Clustering : up 36 devices
WEB authentication(*)
UPnP(*)
Banner(*)

Mechanical

Dimensions (H x W x D): 4.3 x 44 x 23 cm (1RU)
LED Indicators: Port, Uplink, System, Diagnostic

Safety

cUL(CSA 22.2. NO 60950-1 & UL60950-1)
CB(IEC60950-1)

Electromagnetic Compatibility

CE Mark
FCC Class A
VCCI Class A
CISPR Class A

Environmental Specifications

Temperature:

- IEC 68-2-14
- 0℃ to 40℃ (Standard Operating)
- -40℃ to 70℃ (Non-Operating)

Humidity: 5% to 95% (Non-condensing)
Vibration: IEC 68-2-36, IEC 68-2-6
Shock: IEC 68-2-29
Drop: IEC 68-2-32

Warranty

Limited lifetime warranty

Ordering Information

Optional Accessories

ET4201-SX
ET4201-LX
ET4201-LHX
ET4201-ZX

Product Description

Small Form Factor Pluggable (Distance: 500m; Wavelength: 850nm)
Small Form Factor Pluggable (Distance: 10km; Wavelength: 1310nm)
Small Form Factor Pluggable (Distance: 40km; Wavelength: 1310nm)
Small Form Factor Pluggable (Distance: 80km; Wavelength: 1550nm)

SNMP Network Management Software