

CS-2403B

24+3 Port 10G Managed L3 Switch with 100G Uplink



- 24x 10GbE SFP+ Slot
- 3x 100 Gigabit Ethernet QSFP28 Slot
- RSTP, MSTP, ERPS, LACP for Network Redundancy
- QoS CoS/DSCP Diffserv to increase determinism
- Supports IGMP Snooping v1/v2/v3, up to 4096 groups
- DHCP Relay Option 82 for policies IP address assignment
- SNMP v1/v2c/v3 for network management
- Supports Storm Protection
- USB storage for configuration-free replacement

Specifications

Technology

Standards	IEEE 802.3ba 100GBASE Fiber
	IEEE 802.3ae 10GBASE Fiber
	IEEE 802.3x Flow Control
	IEEE 802.3az Energy-Efficient Ethernet
	IEEE 802.3ad/802.1AX LACP
	IEEE 802.1D Spanning Tree Protocol
	IEEE 802.1w Rapid STP
	IEEE 802.1s Multiple STP
	ITU-T G.8032 / Y.1344 ERPS
	IEEE 802.1Q VLAN Tagging
	IEEE 802.1ad Stacked VLANs
	IEEE 802.1p Class of Service
	IEEE 802.1X Network Authentication
IEEE 802.1AB LLDP	
IEEE 1588 PTP	

Processing Type Store and Forward, Cut Through

Switch Properties

Switch Fabric	1080Gbps
Priority Queues	12 Queues
Jumbo Frame	9416byte
MAC Table Size	16K
Packet Buffer	64Mbits
VLAN Table Size	4094
IGMP Group	4096
ACL Group	9K
Routing Entries (IPv4/IPv6)	16K/8K host for IPv4/IPv6, 32K LPM

Software Feature

Network Redundancy	RSTP, MSTP, G.8032 ERPSv2, Port Trunking with LACP
Security	802.1X, RADIUS, TACACS+, SSL, SSH, ACL
Management	IPv4, IPv6, Web, Telnet, Serial Console, CLI, SFTP, SNMP v1/v2c/v3, uPnP
Diagnostics	RMON, SNMP Inform/Trap, Syslog, SMTP, Port Mirroring, LLDP, Cable Diagnostic
Configuration	DHCP Server/Client, Relay Option 82, TFTP, USB
Filter	802.1Q VLAN, Q-in-Q, IGMP Snooping v1/v2/v3, IGMP Querier, Independent Vlan Learning
Time Sync.	NTP, IEEE1588v2 OC (Software Timestamp), BC (Software Timestamp), TC (Hardware Timestamp)
QoS	CoS, DSCP, WRR/SPQ Queuing, Storm Protection, Bandwidth Control, Diffserv
L3 Switching	Static Routing, RIP v1/v2, RIPng, OSPF v2, OSPF v3, VRRP v2, PIM-SM

Interface

Fiber Port	24x 10 Gigabit SFP+ Slot 3x 100 Gigabit QSFP28 Slot
LED Indicators	Per unit: PWR, Status, Ports: Link/Active
Button	Multiple functions reset button
Serial Console	1x RS232 in RJ45 connector with console cable, 115.2Kbps, 8N1

Storage 1x USB 2.0 storage for firmware update, configuration backup, restore, boot up and syslog

Power Requirements

Operation Voltage 100~240VAC

Connection AC socket

Power Consumption TBD

Protection Overload Current Protected

Mechanical Construction

Enclosure Steel metal

Protection Class IP30

Dimensions 440x44x331 mm (WxHxD)

Weight 6.0 kg

Mounting Rack Mounting

Environmental Limits

Operating Temperature 0°C ~ 50°C (32°F ~ 122°F)

Storage Temperature -40°C ~ 85°C (-40°F ~ 185°F)

Ambient Relative Humidity 5 to 95%, (Non-Condensing)

Regulatory Approvals

EMI FCC Part 15 Subpart B Class A
CE EN 55032 Class A

EMS IEC61000-4-2 (ESD)
IEC61000-4-3 (RS)
IEC61000-4-4 (EFT)
IEC61000-4-5 (Surge)
IEC61000-4-6 (CS)
IEC61000-4-8 (Magnetic Field)

Free Fall IEC60068-2-32

Shock IEC60068-2-27

Vibration IEC60068-2-6

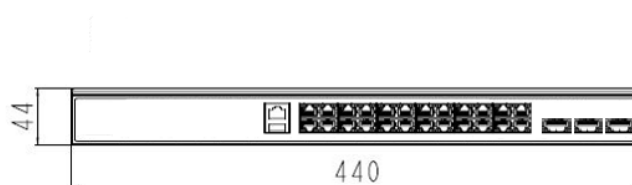
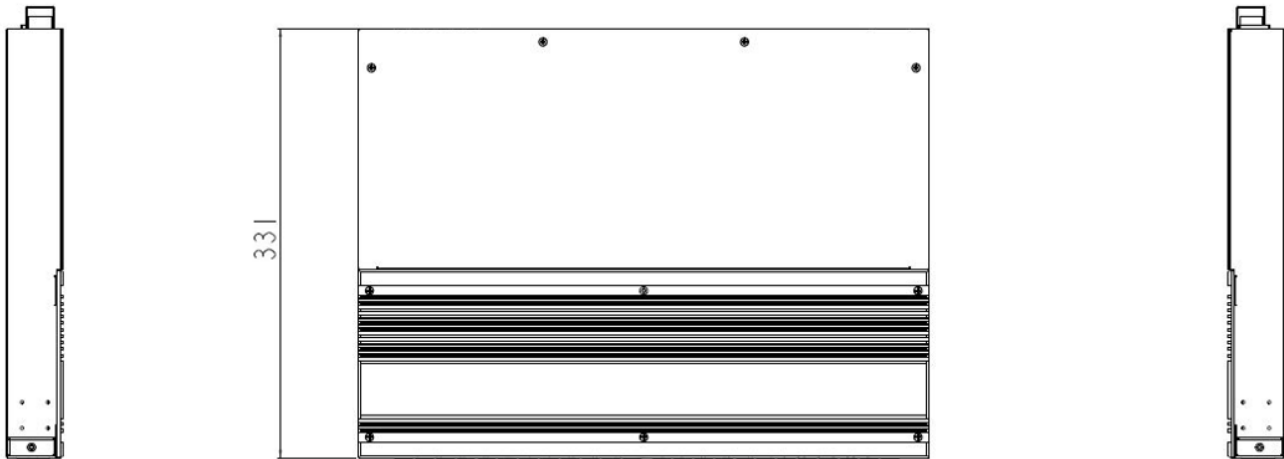
Green RoHS Compliant

MTBF >100,000 hours

Warranty 3 Years

Features with star(*) implies those are under development. In a continuing effort of improvement and updated technology, product specifications are subject to change without notice.

Dimensions (unit = mm)



Ordering Information

CS-2403B-1AC

- 24+3 Port 10G/100G Managed L3 Switch
 - 24x 10 Gigabit Ethernet SFP+ Slot
 - 3x 100 Gigabit Ethernet QSFP28 Slot
 - Operating Temperature: 0°C ~ 50°C (32°F ~ 122°F)
 - 1x 100~240VAC Power Input
-