



Managed L2 Switch

CS-L0224 DATASHEET

Hardware Spec Table

Model	CS-L0224
Port	24x 10/100/1000M RJ45 2GE SFP
Management port	1x Console
Reset KEY	1
Bandwidth	56Gbps
Packet Forwarding	40.32 Mpps
CPU	500MHZ
RAM	128M
MAC	8K
Buffer	4.1M
FLASH	16M
Transmission	Store and forward
Environmental	Working temperature: 0°C-50°C Storage temperature: -40°C-70°C Working Humidity: 10-90% Non-coagulation Storage Humidity: 5%-95% Non-coagulation
Product size	440(L)*200(W)*45(H)mm
Packing size	497(L)*313(W)*97(H)mm
Weight	2.5kg
Power in	AC 100-240V 50/60HZ
Power	<=30W

WEB Software Function

Standards	IEEE 802.3x IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3Z IEEE 802.3ad IEEE 802.3q .IEEE 802.3q/p IEEE 802.1w, IEEE 802.1d, IEEE 802.1S
MAC Address	8K MAC addresses, MAC address learning and aging

VLAN	4k VLANs, Port-based VLANs: 802.IQ VLAN
Spanning Tree	STP (Spanning Tree Protocol)
	RSTP/MSTP (Rapid Spanning Tree Protocol)
	PPS ring network protocol
	EAPS ring network protocol
	802.1x argumentation agreement
Link Aggregation	Max 8 aggregation groups, each supports 8 ports Static aggregation and dynamic aggregation
Port Mirror	Many-to-one port mirroring
LoopGuard	Loop protection function, real-time detection, rapid alarm, accurate positioning, intelligent blocking, automatic recovery
Isolation	Support downlink ports isolated from each other and communicate with upstream port
Port flow control	Half duplex based back pressure control
	Full duplex based on PAUSE frames
Line Rate	Support port based input / output bandwidth management
IGMP Snooping	IGMPv1/2/3 and MLDv1/2 Snooping GMRP protocol registration Multicast address management, multicast VLAN, multicast routing ports, static multicast addresses
DHCP	DHCP Snooping
Storm suppression	Unknown unicast, multicast, unknown multicast, storm suppression of broadcast type Storm suppression based on bandwidth tuning and storm filtering
Security	User port + IP address + MAC ACL based on IP and MAC Security properties of port based MAC address quantities
QOS	802.Ip port queue priority algorithm Cos/Tos, QOS sign WRR (Weighted Round Robin), Weighted priority rotation algorithm WRR, SP, WFQ, 3 priority scheduling models
Port	Auto-MDIX; Auto negotiation
System Maintenance	Upgrade package upload: system log view WEB restore factory configuration
Management and Maintenance	WEB NMS Remote Configuration and maintenance using Telnet SNMP V1/V2/V3;SSHV1/V2