

24*10/100/1000Base-T + 4*1G/2.5G/10G SFP + Layer 2 Managed Ethernet Switch LT-S8228XG-4XS24GT

Overview

SmartByte LT-S8228XG-4XS24GT is the Layer 2 managed Gigabit switch. The series deliver full Gigabit access and unparalleled scalability to 10G performance. It provides high-density performance. The LT-S8228XG-4XS24GT provides comprehensive end to end QoS as well as flexible and rich management, security settings, which can meet the high speed, secure and smart requirement for small and medium-size enterprise networks based on cost effective price. The powerful network security features also make the LT-S8228XG-4XS24GT series perform effective data traffic control for ISP and enterprise VoIP, video streaming, and multicast applications.

Picture



SmartByte The Real Source Factory of Ethernet Switches

Features

- 4*1G/2.5G/10G SFP+ slots uplink, 24*10/100/1000M RJ45 ports downlink, 1*RJ45 console port for switch basic management and setup
- > Port aggregation: Supports GE ports, 2.5GE and 10GE port aggregation, static and dynamic aggregation
- VLAN: Supports access, truck, hybrid mode and VLAN classification, including the Mac based VLAN, IP based VLAN and protocol based VLAN
- QinQ: Supports port-based, VLAN-based and flow-based QinQ
- Port Mirroring: Many to one port mirroring
- Layer 2 ring network protocol: Supports STP, RSTP, MSTP, G.8032 ERPS protocol, single ring, sub ring
- Multicast: Supports IGMP snooping
- QoS: QoS class, remarking, Supports SP, WRR queue scheduling, Ingress/Engress port-based rate-limit and policy-based QoS
- > Security: Support Dot1x, port authentication, mac authentication, RADIUS service; Support port-security, ip source guard, IP/Port/MAC binding, arp-check and ARP packet filtering for illegal users and port isolation
- Management: Supports LLDP, user management and login authentication; SNMPV1/V2C/V3; web management, HTTP1.1, HTTPS; Syslog and alarm grading; RMON (Remote Monitoring) alarm, event and history record; NTP, temperature monitoring; Ping、Tracert and optical transceiver DDM function; Supports TFTP Client, Telnet Server, SSH Server and IPv6 Management
- > Firmware update, configure backup/restore through Web GUI, FTP and TFTP



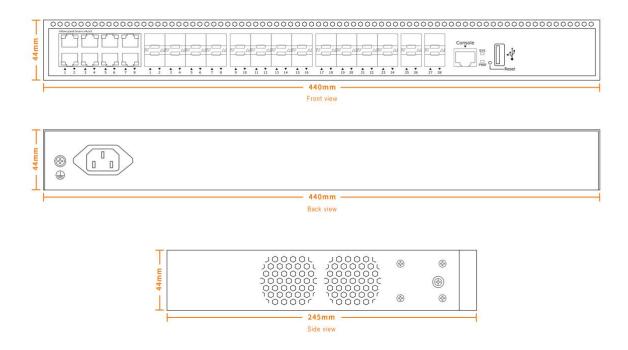
Technical specification

Model	LT-S8228XG-4XS24GT							
Fixed ports	4*1G/2.5G/10G SFP+ ports , 24*10/100/1000M RJ45 ports							
Management port	1*RJ45 Console							
Switching capacity	128Gbps							
Packet forwarding rate	190Mpps							
MAC address table	16K							
Buffer	12M bit							
Port aggregation	Support gigabit port, 2.5GE and 10GE port aggregation Support static and dynamic aggregation							
Port features	Support IEEE802.3x flow control, Port traffic statistics, port isolation Support network storm suppression based on port bandwidth percentage							
VLAN	Support access, trunk and hybrid mode							
VLAN Classification	Mac Based VLAN IP Based VLAN Protocol Based VLAN							
QinQ	Basic QinQ (Port-based QinQ) Flexible Q in Q(VLAN-based QinQ) QinQ(Flow-based QinQ)							
Port mirroring	Many to one (Port Mirroring)							
Layer 2 ring	Support STP、RSTP、MSTP							
network protocol	Support G.8032 ERPS protocol, single ring, sub ring and other ring							
DHCP	DHCP Client DHCP Snooping							

Multicast	IGMP snooping					
ACL	IP Standard ACL					
	MAC extend ACL					
	IP extend ACL					
QoS	QoS Class, Remarking					
	Support SP, WRR queue scheduling					
	Ingress Port-based Rate-limit					
	Egress Port-based Rate-limit					
	Policy-based QoS					
Security	Support Dot1x, port authentication, mac authentication, RADIUS service					
	Support port-security					
	Support ip source guard, IP/Port/MAC binding					
	Support ARP-check and ARP packet filtering for illegal users					
	Support port isolation					
	Support LLDP					
	Support user management and login authentication					
	Support SNMPV1/V2C/V3					
	Support web management, HTTP1.1, HTTPS					
	Support Syslog and alarm grading					
	Support RMON (Remote Monitoring) alarm, event and history record					
Management and	Support NTP					
maintenance	Support temperature monitoring					
maintenance	Support Ping、Tracert					
	Support optical transceiver DDM function					
	Support TFTP Client					
	Support Telnet Server					
	Support SSH Server					
	Support IPv6 Management					
	Support FTP,TFTP,WEB upgrading					

Dimension(mm) (W*D*H)	440*245*44mm						
Power supply	VAC input Rated voltage range: 100-240V						
rowei suppiy	Frequency: 50/60Hz						
Fan	Support fan speed control						
Consumption	≤40W						
Power surge protection	6KV, IEC 61000-4-5 Level X (8/20us)						
Ethernet ports	4KV, IEC 61000-4-5 Level 4 (10/700us)						
working	0°C-50°C						
temperature							
Humidity	Working humidity: 10%-90%RH Storage humidity: 5%-95%RH						

Structure diagram



Order information

Model	Description									
	Layer	2	managed	Ethernet	switch	with	4*1G/2.5G/10G	SFP+	slots	+
LT-S8228XG-4XS24GT	24*10/100/1000M RJ45 ports,AC 100-240V 50/60Hz									