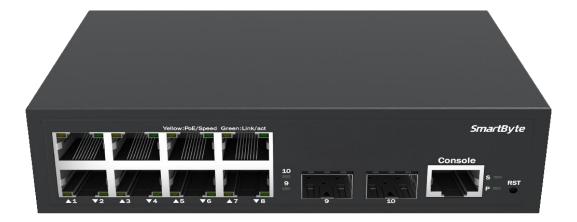
### 8\*10/100/1000Base-T + 2\*1G/2.5G SFP Layer 2 Managed PoE Switch

#### LT-S8210GP-2GX8GT

#### **Overview**

SmartByte LT-S8210GP-2GX8GT is a Layer 2 full gigabit managed PoE switch, which features 8-port 10/100/1000Base-T RJ45 PoE Ports and 2\*1G/2.5G SFP ports. It supports powerful Layer 2 management with a high-performance switching architecture and offers wire-speed transportation capability for delivering a cost effective Gigabit Ethernet solution to meet the converged applications for enterprise customer's networks. More and more corporations are adapting new IT technologies over the network such as voice over IP, video conference to improve productivity and save operation expenditure. The LT-S8210GP-2GX8GT provides comprehensive end to end QoS as well as flexible and rich management , security settings, total power consumption up to **120 watts** for different kinds of PoE applications, which provides a quick, safe and cost-effective Power over Ethernet network solution for small businesses and enterprises.

#### Picture



#### Features

- 8 \*10/100/1000BASE-T Gigabit Ethernet RJ45 PoE ports, 2\*1G/2.5G SFP slots, 1\*RJ45 console interface for switch basic management and setup
- > Complies with IEEE 802.3at, IEEE802.3af standard. Max output power can reach 30W(PoE+)
- > Smart and standard PoE chipset to detect the PD equipments automatically, never burn the PD equipments
- > Port aggregation: Supports GE ports, 2.5GE 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; PoE management
- Firmware update, configure backup/restore through Web GUI, FTP and TFTP

## Technical specification

Model	LT-S8210GP-2GX8GT		
Fixed ports	2*1G/2.5G SFP slots, 8*10/100/1000M RJ45 PoE ports		
Management port	1*RJ45 Console		
РоЕ	Complies with IEEE 802.3at, IEEE802.3af standard. Max output power per port can reach 30W(PoE+) Support 1/2(+) 3/6(-) Endspan Support Non-standard PD		
Switching capacity	26 Gbps		
Packet forwarding rate	38.6Mpps		
MAC address table	16К		
Buffer	12M bit		
Port aggregation	Support GE port, 2.5GE 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	Mac Based VLAN		
Classification	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 network protocol	Support STP、 RSTP、 MSTP Support G.8032 ERPS protocol, single ring, sub ring and other ring		

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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		
Management and	Support LLDP		
maintenance	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		
	Support NTP		
	Support temperature monitoring		
	Support Ping、Tracert		
	Support optical transceiver DDM function		
	Support TFTP Client		
	Support Telnet Server		
	Support SSH Server		
	Support IPv6 Management		

	Support PoE management	
	Support FTP, TFTP, WEB upgrading	
Dimension(mm)	152*115*44mm	
Power supply	DC52V	
Fan	Fan-less, natural cooling	
Consumption	Total power consumption≤120W	
Ethernet ports	4KV, IEC 61000-4-5 Level 4 (10/700us)	
surge protection		
Temperature	0°C-50°C	
Humidity	Working humidity: 10%-90%RH	
	Storage humidity: 5%-95%RH	

### Structure diagram



#### **Order information**

Model	Description
	Layer 2 managed PoE switch with 2*1G/2.5G SFP slots and 8*10/100/1000M RJ45
LT-S8210GP-2GX8GT	PoE ports, DC52V, total power consumption 120W

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