

# 4\*10/100/1000Base-T + 2\*1G/2.5G SFP Layer 2 Managed PoE Switch LT-S8206GP-2GX4GT

#### Overview

SmartByte LT-S8206GP-2GX4GT is a Layer 2 full gigabit managed PoE switch, which features 4-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-S8206GP-2GX4GT series provide comprehensive end to end QoS as well as flexible and rich management , security settings, total power consumption up to 60 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**



# SmartByte The Real Source Factory of Ethernet Switches

#### **Features**

- 4 \*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-S8206GP-2GX4GT	
Fixed ports	2*1G/2.5G SFP slots, 4*10/100/1000M RJ45 PoE ports	
Management port	1*RJ45 Console	
	Complies with IEEE 802.3at, IEEE802.3af standard. Max output power per port can reach	
PoE	30W(PoE+)	
	Support 1/2(+) 3/6(-) Endspan	
	Support Non-standard PD	
Switching		
capacity	18Gbps	
Packet forwarding		
rate	26.7Mpps	
MAC address	16K	
table		
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	Support STP、RSTP、MSTP	
network protocol	Support G.8032 ERPS protocol, single ring, sub ring and other ring	

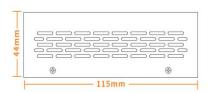
DHCP	DHCP Client
	DHCP Snooping
Multicast	IGMP snooping
ACL	IP Standard ACL
	MAC extend ACL
	IP extend ACL
QoS	QoS Class, Remarking
	Support SP, WRR queue scheduling
	Ingress Port-based Rate-limit
	Egress Port-based Rate-limit
	Policy-based QoS
Security	Support Dot1x, port authentication, MAC authentication, 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
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

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	Support FTP, TFTP, WEB upgrading
Dimension(mm)	152*115*44mm
Power supply	DC 52V
Fan	Fan-less, natural cooling
Consumption	Total power consumption ≤60W
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 + 4*10/100/1000M RJ45 PoE
LT-S8206GP-2GX4GT	ports, DC52V, total power consumption 60W