# SmartByte *The Real Source Factory of Ethernet Switches*

# 2*1G Fiber Port + 8*10/100/1000Base-T Simple Web Managed Ethernet Switch

## LT-S3210G-2GX8GT/LT-S3210GP-2GX8GT

### Overview

SmartByte LT-S3210G-2GX8GT/LT-S3210GP-2GX8GT are Layer 2 full gigabit managed switch, which features 8-port 10/100/1000Base-T RJ45 and 2*1G SFP ports or SC/ST fiber ports. They support 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. LT-S3210GP-2GX8GT supports PoE function, which complies with IEEE802.3af and IEEE802.3at standard. It can provide the stable power supply for IP camera, PTZ camera, AP and PoE lighting equipments, etc through network cable.

### Picture



SFP slot



SC transceiver(ST/FC optional)

**Features:**

➤2*1G SFP slots or SC/ST fiber ports uplink, 8*10/100/1000BASE-T ports downlink, 1*RJ45 console interface for switch basic management and setup

➤PoE is optional, which complies with IEEE802.3af/at standard

➤Port aggregation: Supports GE ports, 2.5GE port aggregation, static and dynamic aggregation

➤VLAN : Supports access, truck , hybrid mode

➤Port Mirroring: Many to one port mirroring

➤Support IEEE802.3x flow control, port traffic statistic, port isolation and network storm suppression based on port bandwidth percentage.

➤Multicast: Supports IGMP V1, V2,V3 and IGMP snooping

➤QoS: Support Ingress/Egress port-based rate-limit

➤Management : Supports user management and login authentication; SNMPV2C/V3; web management，HTTP1.1，HTTPS; Syslog and alarm grading; RMON （Remote Monitoring）alarm, event and history record; NTP; Supports TFTP Client, Telnet Server, SSH Server

➤Firmware update, configure backup/restore through Web GUI, FTP and TFTP

**Technical specification**

| Model | LT-S3210G-2GX8GT | LT-S3210GP-2GX8GT |
|---|---|---|
| **Fixed port** | 2*1G fiber ports，8*10/100/1000M adaptive RJ45 ports, external power supply | 2*1G fiber ports，8*10/100/1000M adaptive RJ45 PoE ports, external power supply |
| **Switching capacity** | 20Gbps | 20Gbps |
| **Packets forwarding rate** | 14.88Mpps | 14.88Mpps |

| Management port | 1* RJ45 Console port | |
|---|---|---|
| MAC address table | 16K | |
| Buffer | 2M bit | |
| Port aggregation | Support GE port aggregation<br>Support static aggregation<br>Support dynamic aggreation | |
| Port features | Support IEEE802.3x flow control<br>Support port traffic statistics<br>Support port isolation<br>Support network storm suppression based on port bandwidth percentage | |
| PoE | / | Support IEEE802.3af（15.4W），IEEE802.3at（30W）<br>1/2+, 3/6-<br>Support PoE management |
| VLAN | Support access mode<br>Support trunk mode<br>Support hybrid mode | |
| Port mirroring | Port Mirroring(many to one) | |
| Multicast | IGMP V1,V2,V3<br>IGMP snooping | |
| QoS | Ingress Port-based Rate-limit<br>Egress Port-based Rate-limit | |
| Management and maintenance | Support user management and login authentication<br>Support SNMPV2C/V3<br><br>Support web management，HTTP1.1，HTTPS<br><br>Support Syslog and alarm grading<br><br>Support RMON （Remote Monitoring）alarm, event and history record<br><br>Support NTP<br>Support TFTP Client<br>Support Telnet Server<br>Support SSH Server<br><br>Support FTP，TFTP，WEB upgrading | |

| Dimension(mm) | 152*115*44mm    （Lx W x H） | |
|---|---|---|
| **Fan** | Fan-less design, natural cooling | |
| **Power supply** | DC input: 5-16V | DC input: 52V |
| **Power consumption** | Total power consumption ≤10W | Total power consumption（PoE full load）≤120W |
| **Temperature** | Operation temperature: 0℃-50℃<br><br>Storage temperature: -40℃-80℃ | Operation temperature: 0℃-50℃<br><br>Storage temperature: -40℃-80℃ |
| **Humidity** | Operation humidity: 10%-90%RH<br>Storage humidity: 5%-95%RH | |

## Order information

| Model | Description |
|---|---|
| LT-S3210G-2GX8GT | 2*1G SFP slots，8*10/100/1000M adaptive RJ45 ports，DC 5-16V input |
| LT-S3210GP-2GX8GT | 2*1G SFP slots，8*10/100/1000M adaptive RJ45 PoE ports，DC 52V input |
| LT-S3210G-2GX8GT-SC20 | 2* 1G SC fiber port(ST optional)，8*10/100/1000M adaptive RJ45 ports，DC 5-16V input |
| LT-S3210GP-2GX8GT-SC20 | 2*1G SC fiber ports(ST optional), 8*10/100/1000M adaptive RJ45 PoE ports, DC 52V input |