## 8*10/100Base-TX PoE downlink, 1 or 2*Gigabit SFP/RJ45 uplink

## Enhanced Function Unmanaged PoE Switches Max 800m Long Distance Series

## LT-S8010XFP-2GX8TX: 2*1G SFP + 8*10/100Base-TX PoE

## LT-S8010XFP-2GT8TX-: 2*10/100/1000Base-T + 8*10/100Base-TX PoE

## LT-S8010XFP-1GT1GX8TX: 1*10/100/1000Base-T+1*1G SFP+ 8*10/100Base-TX PoE

**Overview:**

SmartByte Fast Ethernet PoE Switch LT-S8010XFP enhanced series provide business and home users with a cost-effective integrated system of small-office / home-office networking and video surveillance. They are with flexible desktop design for easily installation. LT-S8010XFP enhanced series support standard auto-MDI/MDI-X , which can detect the type of connection to any Ethernet device without requiring special straight-through or crossover cables. The key function is the enhanced version can make the package of V ports(1-2) transmission on priority when network blocking and make the power supply of V ports(1-2) on priority if overloaded, they also support port isolation, PD remotely restart function which can restart the PD equipments automatically when frozen. If they are used together with relative PoE extender, the Max transmission distance can reach 500m based on 100Mbps and 800m based on 10Mbps. The LT-S8010XFP enhanced series have a total PoE budget of **120 watts**, which is an ideal solution to meeting the demand for sufficient PoE power for network applications.

**Picture**

**Features:**

➤ 1 or 2 *Gigabit SFP/RJ45 uplink, 8*10/100Base-TX RJ45 PoE downlink

➤ Store-and-Forward mode with wire-speed filtering and forwarding rates, Non-blocking architecture

➤ Enhanced function with Dip switch: Make the package of V ports(1-2) transmission on priority when network blocking and make the power supply of V ports(1-2) on priority if overloaded, they also support port isolation, remotely restart the PD automatically function and support 500m long transmission distance based on 100Mbps, 800m long transmission distance based on 10Mbps when they are used together with relative PoE extender

➤ Standard and Smart PoE chipset, detecting the PoE and Non-PoE equipments automatically, not burn the Non-PoE equipments and support short-circuit protection

➤ Complies with IEEE802.3af and IEEE802.3at PoE standard, Single port can support PoE+ 30W

➤ Support power load management: the Pmax indicator will be alarm if the full load exceed the 90% of the rated total power budget

➤ Built-in slow start circuit to avoid sparks when connecting the power supply

➤ Support network storm suppression

➤ Support port mirroring

➤ Support star and bus network topology

➤ Support 4KV surge protection: There are 34pcs anti-lightning components of every PoE module

➤ Desktop and wall-mount easy installation

**Technical Specification**

| Model | | LT-S8010XFP-2GX8TX | LT-S8010XFP-2GT8TX | LT-S8010XFP-1GX1GT8TX |
|---|---|---|---|---|
| Ports | Fixed ports | 2*1G SFP slots uplink, 8*10/100M RJ45 PoE ports downlink | 2*10/100/1000M RJ45 ports uplink, 8*10/100M RJ45 PoE ports downlink | 1*1G SFP port + 1*10/100/1000M RJ45 uplink，8*10/100M RJ45 PoE ports downlink |
| | Port type | RJ45 port, full duplex, MDI/MDI-X adaptive | | |
| | Operation mode | Store and forward | | |

| | | |
|---|---|---|
| | Ethernet protocol | IEEE 802.3, IEEE 802.3u, IEEE 802.3x,IEEE 802.3ab, IEEE 802.3z |
| **Layer 2 switching** | MAC address table | 2K |
| | Switching capacity | 5.6G |
| | Packets forwarding rate | 4.166Mpps |
| | Buffer | 2Kbits |
| | Polarity reversal | Support |
| | Port mirroring | Support |
| **PoE** | PoE ports | 1-8 |
| | PoE standard | IEEE802.3af，IEEE802.3at |
| | PoE Endspan | 1/2(+) 3/6(-) |
| | Non-standard PD | Support |
| | Single port Max power output | 30W |
| | Total power output consumption | ≤125W |
| **Network topology** | Star topology | Support |
| | Bus topology | Support |
| **Dip switch** | 1：V ports (1~2) | Making the packets of V ports(1-2) transmission on priority when network blocking<br>Making the power supply of V ports(1-2) on priority if overloaded |
| | 2：Port isolation | Port isolation |
| | 3：RPR | Remotely restart the PD function making restart the PD equipments automatically when frozen |
| | 4：LDS (1 port) | Off：500m（100Mbps），used together with the PoE extender<br>On：800m（10Mbps），used together with the PoE extender |
| **Protection** | Ethernet ports surge protection | IEC 61000-4-5　Level 4（4KV）（10/700us） |
| **General** | Weight | Net weight 0.5kg |
| | Dimension | 205*88*28mm |
| | Operation temperature | 0℃~+50℃ |
| | Storage temperature | -40℃~+70℃ |
| | Operation humidity | 10%~90%RH　（non-condensing） |

| Storage humidity | 5%~95%RH　（non-condensing） |
|---|---|
| Heat dissipation | Fan-less, natural cooling |
| Input voltage | DC52V |
| Total power consumption | PoE overload≤125W |

## Order information

| Model | Description |
|---|---|
| LT-S8010XFP-2GX8TX | Unmanaged PoE switch with 2*1G SFP slots + 8*10/100M RJ45 PoE ports，DC52V，total power consumption 125W, enhanced function with Dip switch |
| LT-S8010XFP-2GT8TX | Unmanaged PoE switch with 2*10/100/1000M RJ45 uplink ports + 8*10/100M RJ45 PoE ports，DC52V，total power consumption 125W, enhanced function with Dip switch |
| LT-S8010XFP-1GT1GX8TX | Unmanaged PoE switch with 1*1G SFP port and 1*10/100/1000M RJ45 uplink ，8*10/100M RJ45 PoE ports downlink，DC52V，total power consumption 125W, enhanced function with Dip switch |