LT-SPOE8SFP2

8-Port Gigabit PoE+ 2-Port Gigabit SFP L2 Managed POE Switch

LT-SPOE8SFP2 is a new generation designed for high security and high-performance network the second layer switch. Provides eight 10/100/1000Mbps self-adaption RJ45 port, and two 100/1000Mbps SFP ports, all ports support wire-speed forwarding, can provide you with larger network flexibility. All ports support Auto MDI/MDIX function. The Switch with a low-cost, easy-to-use, high performance upgrade your old network to a 1000Mbps Gigabit network. It supports VLAN ACL based on port, easily implement network monitoring, traffic regulation, priority tag and traffic control. Support traditional STP/RSTP/MSTP 2 link protection technology; greatly improve the ability of fault tolerance, redundancy backup to ensure the stable operation of the network. Support ACL control based on the time, easy control the access time accurately. Support 802.1x authentication based on the port and MAC, easily set user access. Perfect QOS strategy and plenty of VLAN function, easy to maintenance and management, meet the networking and access requirements of small and medium-sized enterprises, intelligent village, hotel, office network and campus network. All UTP ports support PoE power supply function, support IEEE802.3at standard, 802.3af downward compatibility, power supply equipment for Ethernet, can automatically detect identification standard of electrical equipment, and through the cable for the power supply.

Features and Highlights

- 8 x 10/100/1000Mbps Auto MDI/MDI-X Ethernet port
- 2 x 100/1000Mbps SFP port
- Comply with 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3z, IEEE802.1Q, IEEE802.1p, IEEE802.3af, IEEE802.3at
- Supports PoE power up to 30W for each PoE port, total power up to 140W for all PoE ports
- 8K entry MAC address table of the switch with auto-learning and auto-aging
- Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- Support Web interface management
- Supports QoS (quality of service), port mirror, Link aggregation protocol
- LED indicators for monitoring Power, System, link/activity, PoE

Hardware Specifications

Model Name	LT-SPOE8SFP2
Chipset	RTL8380M
Standards and Protocols	IEEE 802.3i、 IEEE 802.3u、 IEEE 802.3ab、 IEEE 802.3x、 IEEE 802.3z、 IEEE802.1Q 、 IEEE802.1p、 IEEE802.3af、 IEEE802.3at
Interface	8 x 10/100/1000Mbps Auto-Negotiation ports 2 x100/1000Mbps SFP port 1 xConsole port
Network Media	10BASE-T: UTP category 3,4,5 cable (maximum 100m) 100BASE-Tx: UTP category 5,5e cable (maximum 100m) 1000BASE-T: UTP category 5e,6 cable (maximum 100m) 1000Base-SX:62.5μm/50μm MMF(2m~550m)

Product specifications are subject to change without prior notice.
For more information, visit www.lamatel.com or send an email to sales@lamatel.com

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Transfer Method		Store-and-Forward
MAC Address Table		8K
Switching Capacity		20Gbps
Packet Forwarding Rate		14.88Mbps
Packet Buffer		4.1Mbit
Jumbo Frame		10KByte
PoE Ports(RJ45)		8* PoE ports compliant with 802.3at/af
Power Pin Assignment		1/2(+),3/6(-)
PoE Budget		140W
Indicators	**Per Device**	Power：Green. System：Green
	Per Port	Link/Act/Speed：Green(1000Mbps)/Orange(100/10Mbps) . PoE：Orange
Power Consumption		Maximum: 163.2W (220V/50Hz)
Dimensions（L×W×H）		280*180*44mm
Environment		Operating Temperature: 0　~45　 Storage Temperature: -40　~70 Operating Humidity: 5%~95% non-condensing Storage humidity: 5%~95% non-condensing

Software Specifications

Basic function
- Ethernet Setup
- STP/RSTP/MSTP
- Storm-control
- Port Monitor
- Port rate-limit
- MAC filtering
- Link Aggregation(static, LACP)
- Jumbo Frame
- Port security
- Bandwidth Control

Layer 3 function
- The ARP deception, the network cheating
- Filtering the IP port
- Static binding IP and MAC
- Arp trust port
- Static routing capacity
- Ping and Traceroute

Security policy
- ACE capacity
- ACL
- QoS
- DAI

VLAN
- Port based VLAN,Private VLAN
- MAC based VLAN
- Voice VLAN
- Gvrp
- 802.1Q VLAN

Safety features
- Radius
- Tacacs+
- Preventing DOS attacks
- dot1x
- The gateway ARP deception

Application protocol
- DHCP Relay
- DHCP snooping
- DHCP Client
- FTP/TFTP

Management
- HTTP WEB
- Telnet
- SSH
- Console

Other function
- LLDP
- IGMP Snooping
- SNMPV1,V2c,V3
- RMON（1,2,3,9）
- Virtual stack

POE Management
- POE Status
- POE open / POE close
- The port priority