

LT-SPOE8SFP1

8-Port Gigabit PoE+ 1-Port Gigabit RJ45 1-Port Gigabit SFP L2 Managed Ethernet Switch

The product is 8-Port Gigabit PoE+ 1-Port Gigabit RJ45 1-Port Gigabit SFP L2 Managed Ethernet Switch. This switches provide 8*10/100/1000Mbps Ethernet RJ-45 ports, 1*10/100/1000Mbps Ethernet RJ-45 uplink port, 1*1000Mbps SFP uplink port. It meets IEEE 802.3af/at standard. All downlink RJ-45 ports support Power-over-Ethernet (PoE+), which can deliver up to 30W power per port. The switch has extensive L2 management functions, such as static routing, 802.1Q VLAN, IGMP, QoS, ACL, DHCP Snooping, ARP and Telnet. It can be easily managed via a WEB GUI, CLI (telnet/console), or SNMP. It can be widely used in video security monitoring system, network project, etc.



30W

PoE+

L2

Managed

1000M

Full

802.3at

End-span

802.3af

Features and Highlights

Abundant Interfaces

- 8*10/100/1000Base-T RJ-45 (Auto MDI/MDIX) PoE+ ports
- 1*10/100/1000Base-T RJ-45 (Auto MDI/MDIX) port
- 1*1000Base-X SFP port

Power-over-Ethernet

- IEEE 802.3af/at
- 30W max for each port, 130W max for whole switch

Layer 2 Management Function

- VLAN-based routing
- IPv4 static routing
- 802.1Q VLAN
- ACL
- LAG
- IGMP Snooping
- SNMP

Applications

- Ideal for powering and connecting IP cameras, Wi-Fi access points, and VoIP phones
- Supports smart building systems (lighting, HVAC, access control)
- Suitable for small to medium business networks
- Used in industrial automation, offices, schools, and commercial buildings

Specifications

Items	LT-SPOE8SFP1
Hardware Specifications	
Downlink Port	8*10/100/1000Base-T PoE+ RJ-45 (Auto-MDI/MDI-X)
Uplink Port	1*10/100/1000Base-X RJ45
	1*1000Base-X SFP
Led Indicators	1*Power, power supply indicator
	1*SYS, system working indicator
	1*PoE-Max, PoE power indicator
	8*Link or PoE, port state indicators
	2*Link, port state indicators
	1*Link /1*PoE, mode converting LED indicator

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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Dimensions (W*D*H)	294mm*179.6mm*44mm
Input Voltage	100~240V AC, 50~60Hz
Material	Metal shell
Installation	Rack/desktop/wall mounted
Switch Property	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.3af/at, IEEE 802.1p, IEEE 802.1Q, IEEE 802.1w, IEEE 802.1D, IEEE 802.1s
Forwarding Modes	Store and Forward
MAC Table	16k, support auto learning
Switching Capacity	20Gbps/non-blocking
Packet Forwarding Rate	14.4Mpps
Power Supply	
PoE Standard	IEEE 802.3af/at
PoE Power Supply Type	End-span
PoE Pin Assignment	1/2/4/5(+), 3/6/7/8(-)
PoE Budget	30W max for each port, 130W max for whole switch
Reliability	
Port Lighting Protection	6kV
Operating	0 ~45 , 10%~90% (Non-condensation)
Storage	-40 ~70 , 5%~90% (Non-condensation)

Software Architecture

Items	LT-SPOE8SFP1
PoE management	Port PoE configuration and power supply with priority
	PoE over-temperature protection
	PoE scheduled management
	Support intelligent and graphical management and PoE-powered device detection (port status, power assignment)
Security	ARP receiving limit
	Unknown MAC address discard
	DoS attack defense
	802.1X security authentication
VLAN	IEEE 802.1Q VLAN
	VLAN Layer-3 interfaces
	Support three port modes: Access, Trunk and Hybrid
DHCP	DHCP Relay, DHCP Snooping
	Support Option 82 policy configuration
Routing	VLAN-based routing
	IPv4 static routing
	Support static ARP adding/deleting
	Support ARP aging time configuration
LAG	Static aggregation, LACP dynamic aggregation
Spanning Tree	IEEE 802.1D STP (Spanning Tree Protocol), IEEE 802.1w RSTP (Rapid Spanning Tree Protocol),
	Support edge port
	Support BPDU statistics

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Multicast	IGMP Snooping V1/V2/V3
Port Mirroring	Support port fast leave
	Support N: 1 port mirroring
	SP (Strict Priority)
QoS	SWRR (Simple Weighted Round Robin)
	WRR (Weighted Round Robin)
	Support 802.1p port trust mode
	Support DSCP port trust mode
	Support a maximum of 8 queue service quality mapping)
ACL	Support MAC ACL and IP ACL
Management and Maintenance	Support FTP/TFTP/HTTP upgrade
	Support configuration import and export
	Telnet, Console, WEB management and maintenance
	SNMP V1/V2/V3
Visualization Management	Ping/Tracert/Connection Detection
	TOPO discovery based on ONVIF

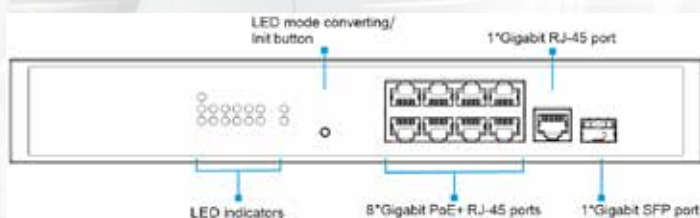
Software Architecture

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Software Architecture



Front panel



Rear panel



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