Unmanaged PoE/PoE+ Switch

MODEL: TL-SL1218MP

TL-SL1226P



Highlights

- 16/24 PoE+ 10/100 Mbps RJ45 ports, 2 Gigabit RJ45 ports and 2 combo Gigabit SFP slots
- High PoE power budget with up to 30 W* for each PoE port, and a total power budget of 192 W* for TL-SL1218MP and 250 W* for TL-SL1226P
- Up to 250 m data and power transmission under Extend Mode** specially designed for surveillance system
- Priority mode for port 1–8 to guarantee the quality of sensitive applications like video monitor
- (For TL-SL1226P) Isolation Mode allows one-click client traffic separation for higher security and performance
- Easy to use, with no configuration and installation needed

Overview

TP-Link's new PoE/PoE+ switches with all 10/100 Mbps RJ45 ports supporting the PoE+ standard provides a simple way to expand the wired network while transferring power over the same ethernet cable at the same time. With up to 30 W* per port, TL-SL1218MP and TL-SL1226P can power more high-powered devices such as Access Points, IP Cameras, IP Phones and so on. Moreover, with innovative Extend Mode**, devices can get PoE power supply and data transmission from a distance of 250 m. Priority mode ensures high priority for port 1–8, which guarantees the quality of sensitive applications. TL-SL1226P supports Isolation Mode that divides traffic for ports 1–24 for higher security and performance.

Power over Ethernet

- (For TL-SL1218MP) Features 16 802.3af/at compliant PoE+ ports, with a total PoE power budget of 192 W*
- (For TL-SL1226P) Features 24 802.3af/at compliant PoE+ ports, with a total PoE power budget of 250 W*
- Flexible deployment for PoE supported devices such as wireless access points, IP Phones and IP Cameras
- Designed to use a single Ethernet cable for both data and power transmission, lowering infrastructure costs

Highlight Performance

- Up to 250 m PoE power supply and data transmission under Extend Mode**.
- After turning on the Priority Mode, there will be designated high priority ports for quality-sensitive application like Surveillance Video.
- (For TL-SL1226P) Isolation Mode easily divides traffic for port 1–24 to avoid snooping and tampering, which improves LAN security and performance.

Easy to Use

- Plug & play, no configuration required
- Auto MDI/MDIX eliminates the need for crossover cables
- Auto-negotiation intelligently adjusts for compatibility and optimal performance

Specifications

Hardware Features & Performance

Product Picture			
Model		TL-SL1218MP	TL-SL1226P
General	Interfaces	16 10/100 Mbps RJ45 Ports 2 10/100/1000 Mbps RJ45 Ports 2 Combo Gigabit SFP Slots	24 10/100 Mbps RJ45 Ports 2 10/100/1000 Mbps RJ45 Ports 2 Combo Gigabit SFP Slots
PoE	PoE Standard	802.3af/at	802.3af/at
	PoE Ports*	16, up to 30 W	24, up to 30 W
	PoE Power Budget*	192 W	250 W
Performance	Switching Capacity	7.2 Gbps	8.8 Gbps
	Packet Forwarding Rate	5.36 Mpps	6.54 Mpps
	MAC Address Table	8 K	
	Packet Buffer	4.1 Mbit	
	Jumbo Frame	10 KB	
Physical & Environment	Power Supply	100–240 V AC, 50/60 Hz	
	Max Power Consumption	217.22 W (with 192 W PD Connected) 18.73 W (no PD Connected)	281 W (with 250 W PD Connected) 17.17 W (no PD Connected)
	Max Heat Dissipation	741.15 BTU/h (with 192 W PD Connected) 63.91 BTU/h (no PD Connected)	958.21 BTU/h (with 250 W PD Connected) 58.55 BTU/h (no PD Connected)
	Dimensions (W × D × H)	17.3 × 7.1 × 1.7 in.(440 × 180 × 44 mm)	
	Fan Quantity	2	
	Operating Temperature	0 °C–50 °C (32 °F–122 °F)	
	Storage Temperature	-40 °C–70 °C (-40 °F–158 °F)	
	Operating Humidity	10%–90%RH non-condensing	
	Storage Humidity	5%–90%RH non-condensing	
	Certification	CE, FCC	

Note:

* PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

**The speed of the ports which are under extend mode will be downgraded to 10Mbps. Actual transmission distance may vary from the quality of the cables.

Ordering Information

Host Switches	
Product Model	Description
TL-SL1218MP	16-Port 10/100 Mbps + 2-Port Gigabit Unmanaged PoE Switch
TL-SL1226P	24-Port 10/100 Mbps + 2-Port Gigabit Unmanaged PoE+ Switch
SFP Modules	
Product Model	Description
TL-SM311LS	Gigabit SFP module, Single-mode, LC interface, Up to 10 km distance
TL-SM311LM	Gigabit SFP module, Multi-mode, LC interface, Up to 550 m distance
TL-SM321A	Gigabit WDM Bi-Directional SFP Module, single-mode, LC connector TX: 1550 nm/RX: 1310 nm, 10 km
TL-SM321B	Gigabit WDM Bi-Directional SFP Module, single-mode, LC connector TX: 1310 nm/RX: 1550 nm, 10 km
Router	
Product Model	Description
TL-ER6120	SafeStream Gigabit Dual-WAN VPN Router
TL-ER5120	Gigabit Load Balance Broadband Router

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