

# 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	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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