

# Unmanaged 10/100Mbps PoE+ Switch

MODEL: TL-SL1218MP/TL-SL1218P/TL-SL1226P



## Highlights

- (For TL-SL1218P) 16 PoE+ 10/100 Mbps RJ45 ports, 2 Gigabit RJ45 ports and 1 combo Gigabit SFP slot
- (For TL-SL1218MP/TL-SL1226P) 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 150 W\* (for TL-SL1218P)/250 W\* (for TL-SL1218MP and 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
- 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, the switch 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. Moreover, the switch supports Isolation Mode that divides traffic for 10/100 Mbps RJ45 ports for higher security and performance.

## Power over Ethernet

- (For TL-SL1218P) Features 16 802.3af/at compliant PoE+ ports, with a total PoE power budget of 150 W\*
- (For TL-SL1218MP/TL-SL1226P) Features 16/24 802.3af/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.
- Isolation Mode easily divides traffic for 10/100 Mbps RJ45 ports 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-SL1218P   | TL-SL1226P  |
| General                | Interfaces             | 16 10/100 Mbps RJ45 Ports<br>2 10/100/1000 Mbps RJ45 Ports<br>2 Combo Gigabit SFP Slots       | 16 10/100 Mbps RJ45 Ports<br>2 10/100/1000 Mbps RJ45 Ports<br>1 Combo Gigabit SFP Slot | 24 10/100 Mbps RJ45 Ports<br>2 10/100/1000 Mbps RJ45 Ports<br>2 Combo Gigabit SFP Slots |
|                        | PoE Standard           | 802.3af/at  |  |   |
|                        | PoE Ports              | 16, up to 30 W per port   |  | 24, up to 30 W per port   |
| PoE Power Budget       |                        | 250 W   | 150 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   |  |   |
| Advanced Features      |                        | Extend Mode (Up to 250 m PoE supply and data transmission)<br>Priority Mode<br>Isolation Mode |  |   |
| Physical & Environment | Power Supply           | 100–240 V AC, 50/60 Hz  |  |   |
|                        | Max Power Consumption  | 285.8 W (with 250 W PD Connected)<br>14.97 W (no PD Connected)                                | 172.8 W (with 150 W PD Connected)<br>12.71 W (no PD Connected)                         | 295 W (with 250 W PD Connected)<br>15.6 W (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.