

# 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<br>2 10/100/1000 Mbps RJ45 Ports<br>2 Combo Gigabit SFP Slots | 24 10/100 Mbps RJ45 Ports<br>2 10/100/1000 Mbps RJ45 Ports<br>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)<br>18.73 W (no PD Connected)                         | 281 W (with 250 W PD Connected)<br>17.17 W (no PD Connected)                            |
|                        | Max Heat Dissipation   | 741.15 BTU/h (with 192 W PD Connected)<br>63.91 BTU/h (no PD Connected)                 | 958.21 BTU/h (with 250 W PD Connected)<br>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<br>TX: 1550 nm/RX: 1310 nm, 10 km |
| TL-SM321B     | Gigabit WDM Bi-Directional SFP Module, single-mode, LC connector<br>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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