

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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