

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 2 10/100/1000 Mbps RJ45 Ports 2 Combo Gigabit SFP Slots | 16 10/100 Mbps RJ45 Ports 2 10/100/1000 Mbps RJ45 Ports 1 Combo Gigabit SFP Slot | 24 10/100 Mbps RJ45 Ports 2 10/100/1000 Mbps RJ45 Ports 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) Priority Mode Isolation Mode | | |
| Physical & Environment | Power Supply | 100–240 V AC, 50/60 Hz | | |
| | Max Power Consumption | 285.8 W (with 250 W PD Connected) 14.97 W (no PD Connected) | 172.8 W (with 150 W PD Connected) 12.71 W (no PD Connected) | 295 W (with 250 W PD Connected) 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.