

LiteWave PoE Switch | Datasheet

LS106LP V2

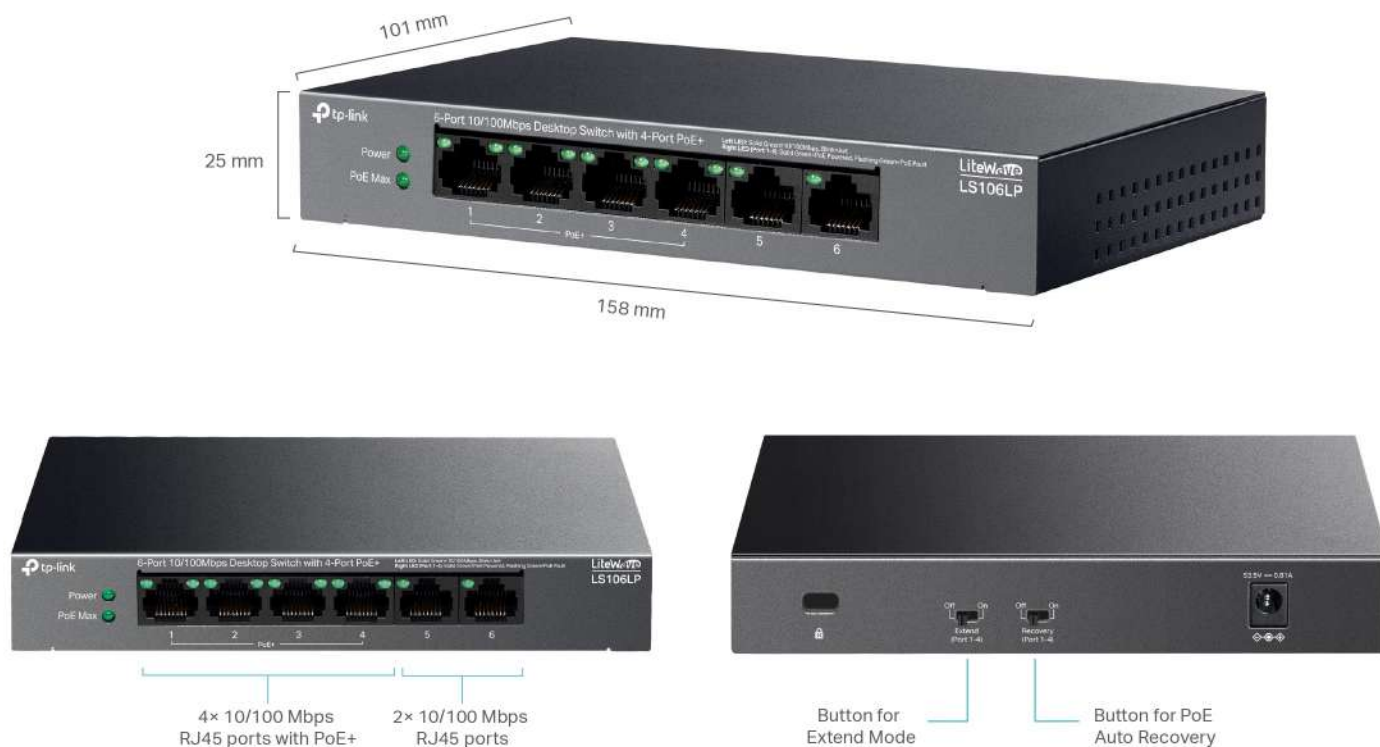
6-Port 10/100Mbps Desktop Switch with 4-Port PoE+



Highlights

- 4× 10/100 Mbps PoE+ ports with up to 30 W PoE output per port*
- 41 W total PoE budget*
- Up to 250m data and power transmitting range under Extend Mode**
- Automatically reboots your dropped or unresponsive PoE-powered devices.
- Simply plug and play for instant connectivity with no configuration required.
- Fanless design reduces power consumption and ensures silent operation, ideal for noise-sensitive homes or businesses.
- Desktop / Wall-mounting

Product Pictures



Specifications

| Model | LS106LP V2 |
|------------------------|---|
| Standards | IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at |
| Interface | <ul style="list-style-type: none"> • 6 × 10/100 Mbps RJ45 Ports with 4 PoE+ Ports (Port 1 to Port 4) • AUTO Negotiation/AUTO MDI/MDIX |
| Network Media (Cable) | <ul style="list-style-type: none"> • 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) • 100BASE-TX: UTP category 5 or above cable (maximum 100m) |
| Max Power Consumption | 48.35 W |
| Max Heat Dissipation | 164.39 BTU/h |
| PoE Ports (RJ45) | Standard: 802.3 af/at compliant PoE Ports: Port 1 - Port 4 Power Supply: 41 W |
| Transmission Method | Store-And-Forward |
| Packet Forwarding Rate | 0.893 Mpps |
| Switch Capacity | 1.2 Gbps |
| MAC Address Table | 2K |
| Packet Buffer Capacity | 768 Kbit |
| Jumbo Frame | 2 KB |

| | |
|--------------------------|--|
| Model | LS106LP V2 |
| Extend Mode | For Ports 1-4 |
| PoE Auto Recovery | For Ports 1-4 |
| Fan Quantity | Fanless |
| External Power Supply | External Power Adapter (Output: 53.5 VDC / 0.81 A) |
| LED | Power, Link/Act, PoE Status, PoE Max |
| Dimensions (W x D x H) | 6.2×4.0×1.0 in (158×101×25 mm) |
| Certification | FCC, CE, RoHS |
| Package Contents | Switch, Power Adapter, Installation Guide |
| Operating Temperature | 0°C to 40 °C (32 °F to 104°F) |
| Storage Temperature | -40 °C to 70 °C (-40 °F to 158°F) |
| Operating Humidity | 10% to 90% non-condensing |
| Storage Humidity | 5% to 90% non-condensing |

Disclaimers

*PoE budget calculations are based on laboratory testing. The actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

**The speed of the ports in extend mode will downgrade to 10 Mbps. The actual transmission distance may vary due to the power consumption of PoE-powered devices or the cable quality and type.