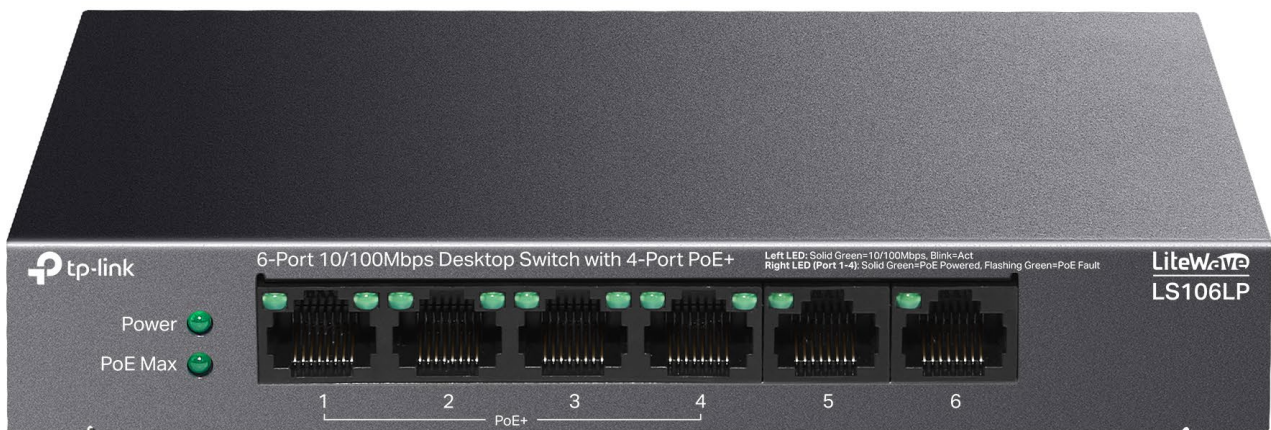




LiteWave PoE Switch | Datasheet

LS106LP V2

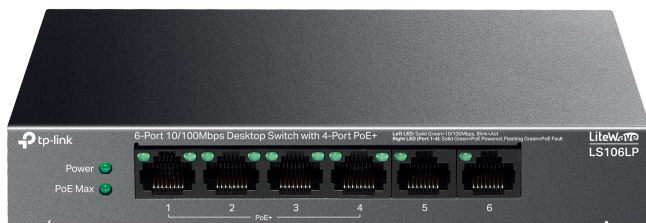
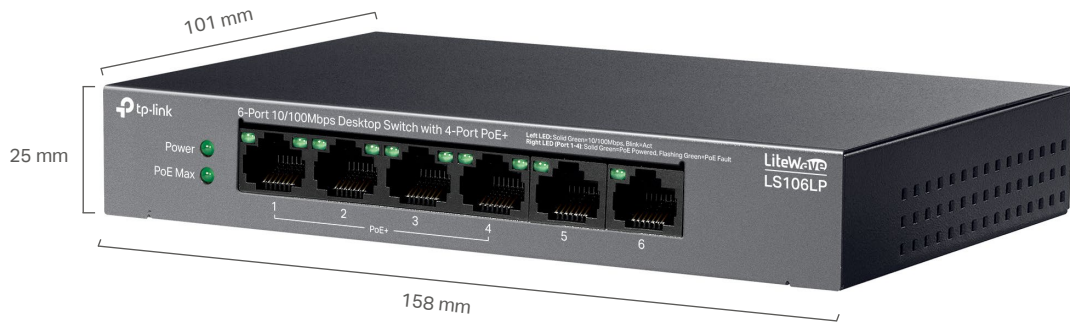
6-Port 10/100Mbps Desktop Switch with 4-Port PoE+



Highlights

- **41 W PoE Budget:** Four 10/100 Mbps 802.3af/at-compliant PoE+ ports easily connect and power fixed devices like IP cameras, access points, and IP phones via a single cable. Up to 30 W PoE output is supported by each PoE+ port.
- **Up to 250 m PoE Transmission:** With Extend Mode, PoE transmission distance reaches up to 250m, perfect for surveillance camera deployment in large areas.
- **PoE Auto Recovery:** Automatically reboots your dropped or unresponsive PoE-powered devices.
- **Plug and Play:** Simply plug and play for instant connectivity with no configuration required.
- **Silent Operation:** Fanless design reduces power consumption and ensures silent operation, ideal for noise-sensitive homes or businesses.
- **Reliable Hardware Design:** Durable metal casing and desktop/wall-mounting design are well-suited for different environments.

Product Pictures



4× 10/100 Mbps RJ45 ports with PoE+
2× 10/100 Mbps RJ45 ports



Button for Extend Mode
Button for PoE Auto Recovery

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

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

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.

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