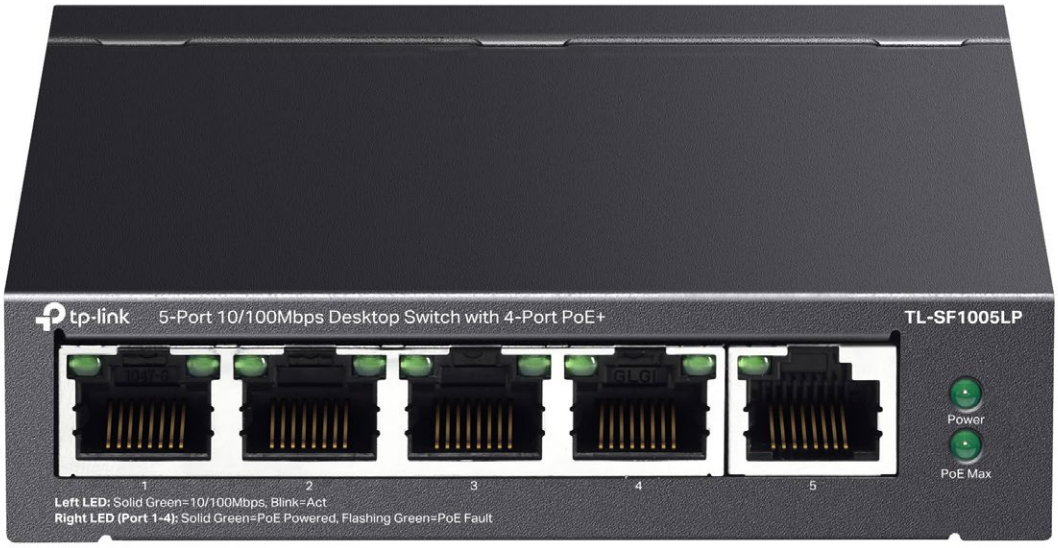
Unmanaged Switch | Datasheet

TL-SF1005LP V3

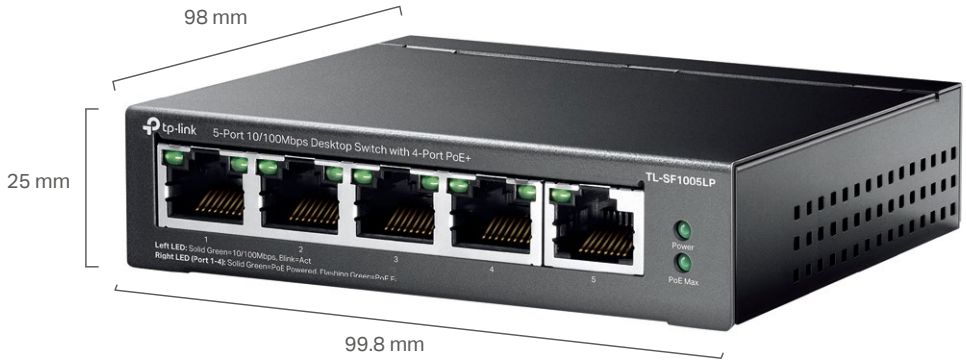
5-Port 10/100Mbps Desktop Switch with 4-Port PoE+

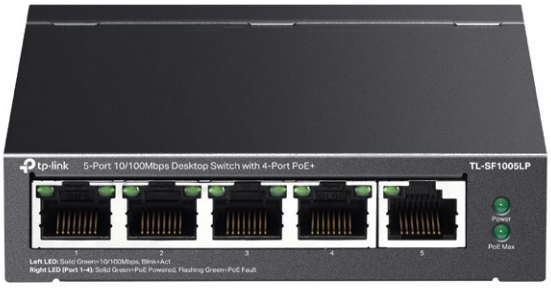


Highlights

- 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**
- Priority Mode ensures high priority of ports 1–2 to guarantee the quality of sensitive application.
- Automatically reboots your dropped or unresponsive PoE-powered devices.
- Simply plug and play for instant connectivity with no configuration required.
- Fanless design ensures silent operation, ideal for noise-sensitive homes or businesses.
- Desktop / Wall-mounting

Product Pictures





4 × 10/100 Mbps RJ45 ports with PoE+

1 × 10/100 Mbps RJ45 port

Button for Extend Mode

Button for Priority Mode

Button for PoE Auto Recovery

Specifications

Model	TL-SF1005LP V3
Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Interface	• 5*10/100 Mbps RJ45 Ports with 4 PoE+ Ports (Port 1 to Port 4) • AUTO Negotiation/AUTO MDI/MDIX
Network Media (Cable)	• 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) • 100BASE-TX: UTP category 5 or above cable (maximum 100m)
Max Power Consumption	45.67 W
Max Heat Dissipation	155.278 BTU/h
PoE Ports (RJ45)	PoE Standard: 802.3 af/at compliant PoE Ports: Port 1- Port 4 PoE Power Budget: 41 W
Transmission Method	Store-And-Forward
Packet Forwarding Rate	0.744 Mbps
Switch Capacity	1 Gbps
MAC Address Table	2K
Packet Buffer Capacity	768 Kbit
Jumbo Frame	2 KB

Model	TL-SF1005LP V3
Extend Mode	For Ports 1-4
Priority Mode	For Ports 1-2
PoE Auto Recovery	For Ports 1-4
Fan Quantity	Fanless
External Power Supply	External Power Adapter (Output: 53.5 VDC / 0.81 A)
Dimensions (W x D x H)	3.9 x 3.9 x 1.0 in. (99.8 x 98 x 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. 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 power consumption of PoE-powered devices or the cable quality and type.

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