Unmanaged Switch | Datasheet

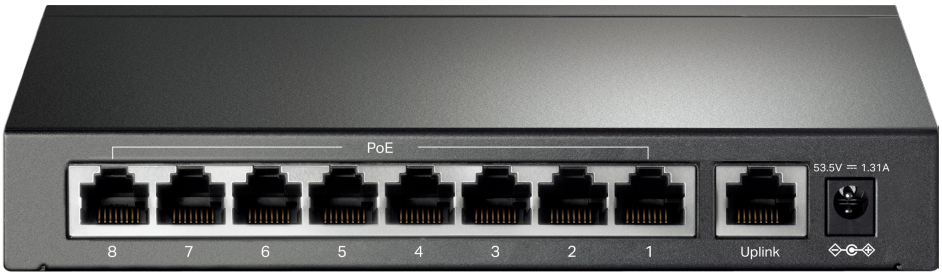
TL-SF1009P V6

9-Port 10/100Mbps Desktop Switch with 8-Port PoE+

Highlights

- 9× 10/100 Mbps RJ45 ports
- 8× PoE+ ports transfer data and power on individual cables
- Works with IEEE 802.3af/at compliant PDs
- Supports PoE Power up to 30 W for each PoE port
- Supports PoE Power up to 65 W for 8 PoE ports*
- Up to 250 m data and power transmitting range under Extend Mode**
- Priority Mode ensures high priority of ports 1–2 to guarantee the quality of sensitive application
- Isolation Mode allows one-click client traffic separation for higher security and performance
- Plug and play with no configuration required

Product Pictures



8 × 10/100 Mbps RJ45 ports with PoE+ 1 × 10/100 Mbps RJ45 ports

Specifications

Model	TL-SF1009P V6
Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Interface	• 9*10/100 Mbps RJ45 Ports with 8 PoE+ Ports (Port 1 to Port 8) • 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)
PoE Ports (RJ45)	PoE Standard: 802.3 af/at compliant PoE Ports: Port 1- Port 8 PoE Power Budget: 65 W
Transmission Method	Store-And-Forward
Packet Forwarding Rate	1.34 Mbps
Switch Capacity	1.8 Gbps
MAC Address Table	2K
Packet Buffer Capacity	1 Mbit
Jumbo Frame	1536 Bytes
Extend Mode	For Ports 1-8
Priority Mode	For Ports 1-2
Isolation Mode	For Ports 1-8
PoE Auto Recovery	For Ports 1-8

Model	TL-SF1009P V6
External Power Supply	External Power Adapter (Output: 53.5 VDC / 1.31 A)
Max Power Consumption	74.8 W (110V/60Hz) (with 65 W PD connected)
Max Heat Dissipation	268.06 BTU/h (110V/60Hz) (with 65 W PD connected)
MTBF	1172398h @ 25°C
Fan Quantity	Fanless
Dimensions (W x D x H)	6.7 × 3.9 × 1.1 in (171 × 98 × 27 mm)
Operating Temperature	-5°C to 40 °C (23 °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
Package Contents	Switch, Power Adapter, Installation Guide
Certification	FCC, CE, RoHS

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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