ComX Computers
Product Specification Sheet

TL-SG1008P

TP-Link 8 Port Gigabit including 4 PoE Ports Desktop Switch

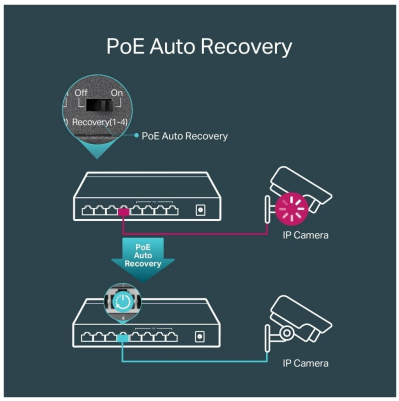
Product Overview

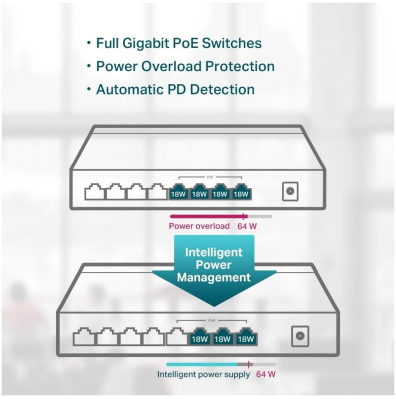
TP-Link 8 Port Gigabit including 4 PoE Ports Desktop Switch, 8x Gigabit RJ45 Ports including 4 PoE Ports, Ports 1-4 PoE Ports, 802.3af, 55W PoE Power budget, Up to 30W for each PoE Port, Desktop Steel case, Fanless, 16 Gbps switching capacity











Specifications

Overview:

TL-SG1008P

8-Port Gigabit Desktop Switch with 4-Port PoE+

- 8x 10/100/1000 Mbps RJ45 ports.
- 4x PoE+ ports transfer data and power on individual cables.
- Works with IEEE 802.3af/at compliant PDs.
- Plug and Play, no configuration and installation required.
- 802.1p/DSCP QoS enable smooth latency-sensitive traffic.
- Supports PoE power up to 30 W for each PoE port.
- Supports PoE power up to 64 W for all PoE ports.
- Up to 250m data and power transmitting range under Extend Mode
- PoE Auto Recovery guarantees stable operation of PoE devices by automatically rebooting the dropped or unresponsive PD devices

Features:

Professional High-Power 8-Port Gigabit Switch with 4 PoE+ Ports

- 64 W PoE Budget
- Plug and Play
- TransmissionDistance up to 250 m
- PoE AutoRecovery
- Intelligent PowerManagement
- MulticastOptimization
- QoS for TrafficPrioritization
- Durable MetalCasing
- Silent Operation

Dedicated 8-Port Switch with 4-Port PoE+ (64 W Budget) for Numerous Applications

Compliance with the 802.3af/at PoE+ standard supports up to 30 W on each PoE port. The total 64 W PoE power budget for the 4x PoE ports opens up a wide range of applications, such as surveillance for offices, dormitories, and small businesses. It is fully compatible with IP cameras, access points, IP phones, computers, printers, and more.

- 4 PoE+ Ports
- Up to 30 W on Each Port
- Total 64 W Power Budget

Ideal for IP Surveillance -Up to 250 m Transmissions

With extend mode, the PoE transmission distance reaches up to 250 m*-perfect for IP Camera deployment in large areas.

*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.

System Self-Healing with PoE Auto Recovery

The switch automatically detects and reboots the PD devices, such as cameras and APs, when they fall offline or go unresponsive, guaranteeing the stable operation of PoE-connected devices, without need for manual monitoring and restart.

Intelligent Power Management

When total power consumption exceeds 64 W, the intelligent power management will cut the lower priority port power. This ensures the high priority port's power supply and protects the device from power overload. It also automatically detects and provides the required power for your PoE devices while protecting your PoE and non-PoE equipment from being damaged.

Advanced Functions for Higher Performance

- IGMPSnooping Traffic Optimization for IPTV IGMP Snooping optimizes multimedia traffic delivery, to ensure a better network experience especially for applications like IPTV.
- QoS For Fluent Online Experience Ensures smooth traffic for latency sensitive applications, such as voice and video.

Durable Metal Casing

The interior components of TL-SG1008P are protected by high-quality metal casing to ensure a long product life. Having passed an array of stringent reliability tests, TL-SG1008P delivers switching performance you can depend on.

Specifications:

© 2025 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications	
Product Code	TL-SG1008P
HARDWARE FEATURES	
Interface	8 x 10/100/1000 Mbps RJ45 Ports
	AUTO Negotiation
	AUTO MDI/MDIX
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
	100BASE-TX: UTP category 5, 5e cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
	1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
Fan Quantity	Fanless
Physical Security Lock	Yes
External Power Supply	External Power Adapter(Output: 53.5VDC / 1.31A)
Packet Forwarding Rate	11.904 Mpps
PoE Ports (RJ45)	Standard: 802.3 af/at compliant
	PoE Ports: Ports 1-4
	Power Supply: 64 W
Mac Address Table	4K
Jumbo Frame	16 KB
Switching Capacity	16 Gbps
Dimensions (W x D x H)	6.7 x 3.9 x 1.1 in (171 x 98 x 27 mm)
Max Power Consumption	4.7 W (220/50 Hz no PD connected)
	74.39 W (220/50 Hz with 64 W PD connected)
Max Heat Dissipation	16.03 BTU/h (no PD connected)
	253.67 BTU/h (with 64 W PD connected)
SOFTWARE FEATURES	

Transmission Method	Store-And-Forward
Advanced Functions	Compatible With IEEE 802.3af/at Compliant PDs
	IGMP Snooping
	Mac Address Auto-Learning And Auto-Aging
	IEEE802.3x Flow Control
	802.1p/DSCP QoS
	Extend Mode Button (Ports 1-2, Up to 250 m PoE power supply and data transmission)
	PoE Auto Recovery (Ports 1-4)
OTHERS	
Certification	CE, FCC, RoHS
Package Contents	TL-SG1008P
	Power Adapter
	Installation Guide
Environment	Operating Temperature: 0-40 degreesC (32-104 degreesF)
	Storage Temperature: -40-70 degreesC (-40-158 degreesF)
	Operating Humidity: 10-90% RH non-condensing
	Storage Humidity: 5-90% RH non-condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/TL-SG1008P-TP-Link-8-Port-Gigabit-including-4-PoE-Ports-Desktop-Switch-p-323542.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-17 13:29:55.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.