Unmanaged Switch | Datasheet

TL-SG108S-M2

8-Port 2.5G Multi-Gigabit Desktop Switch

Highlights

- **Eight 2.5 Gbps Ports.** 8× 2.5-Gigabit ports unlock the highest performance of your Multi-Gig bandwidth and devices, and provide up to 40 Gbps of switching capacity.
- **Super-Fast Connections.** Provides super-fast connections to 2.5G NAS, 2.5G Server, gaming computer, 2.5G WiFi 6/6E/7 AP, 4K video, and more.
- **Ideal for Various Scenarios.** Built for LAN parties, home entertainment, small and home offices, and instant transfer for workstations.
- **Loop Prevention.** Ensures a stable and reliable network by automatically detecting and blocking network loops.
- **Hassle-Free Cabling.** Instantly upgrade to 2.5 Gbps without the need to upgrade to Cat6 wiring, reducing wiring costs and hassle.
- **Silent Operation.** Industry-leading fanless design ensures silent operation, ideal for any home or business.
- **Plug and Play.** Allows for easy deployment without the need for a technician.
- **Metal Casing.** Durable metal casing and desktop/wall-mounting design are well-suited for different environments.

Product Pictures

Specifications

Model		TL-SG108S-M2
Hardware Features	Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3x, IEEE 802.1p
	Interface	8×100Mbps/1G/2.5G Auto-Negotiation, Auto MDI/MDI-X
	Network Media	100Base-TX: UTP category 5 cable or above (max. 100 m) 1000Base-T: UTP category 5e cable or above (max. 100 m) 2.5GBase-T: UTP category 5e cable or above (max. 100 m)
	Fan Quantity	Fanless
	External Power Supply	External Power Adapter (Output: 12 VDC / 1 A)
	LED	• Power • Link/Act Indicators
	Dimensions (W × D × H)	6.2 × 4.0 × 1.0 in (158 × 101 × 25.4 mm)
	Max Power Consumption	9.11 W
	Max Heat Dissipation	30.974 BTU/h
Performance	Switching Capacity	40 Gbps
	Packet Forwarding Rate	29.8 Mpps
	MAC Address Table	4K
	Jumbo Frame	12 KB
Software Features	Advanced Features	• Loop Prevention • 802.3X Flow Control • 802.1p/DSCP QoS • IGMP Snooping
	Transmission Method	Store and Forward

Others	Certifications	CE, FCC
	Package Content	• 8-Port 2.5G Multi-Gigabit Desktop Switch TL-SG108S-M2 • Power Adapter • Installation Guide • Rubber Feet
	Environment	• Operating Temperature: -5–40 °C (23–104 °F) • Storage Temperature: -40–70 °C (-40–158 °F) • Operating Humidity: 10–90% RH non-condensing • Storage Humidity: 5–90% RH non-condensing

Disclaimers

Only Cat5e or better cables do not need to be replaced.

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