

Unmanaged Switch | Datasheet

TL-SG105PP-M2

5-Port 2.5G Desktop Switch with 4-Port PoE++



Highlights

- 5× 100 Mbps/1 Gbps/2.5 Gbps RJ45 ports
- With four PoE++ ports, transfers data and power on one single cable
- Works with IEEE 802.3af/at/bt type3 compliant PDs
- 802.1p/DSCP QoS enable smooth latency-sensitive traffic
- Supports PoE Power up to 60 W for each PoE++ port
- Supports PoE Power up to 123 W for all PoE ports*
- PoE Auto Recovery guarantees stable operation of PoE devices by automatically rebooting the dropped or unresponsive PD devices
- Plug and Play, no configuration and installation required

Product Pictures



Specifications

Model		TL-SG105PP-M2
Hardware Features	Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz, IEEE 802.3x, IEEE 802.1p, IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt
	Interface	5× 100Mbps/1Gbps/2.5Gbps Ports AUTO Negotiation, AUTO MDI/MDIX
	PoE Ports	- Standard: 802.3 af/at/bt type3 compliant - PoE++ Ports: Ports 1–4 - Power Supply: 123 W - Max. PoE output per port: 60 W
	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: 53.5 VDC / 2.43 A)
	LED	Power, Link/Act, PoE Max, PoE Status
	Dimensions (W x D x H)	6.2 × 4.0 × 1.0 in (158 × 101 × 26 mm)
	Max. Power Consumption	7.41 W (220/50 Hz. no PD connected) 142.86 W (220/50 Hz. with 123 W PD connected)
	Max. Heat Dissipation	25.19 BTU/h (220 V/50 Hz with no PD connected) 485.72 BTU/h (220 V/50 Hz with 123W PD connected)
Performance	Switching Capacity	25 Gbps
	Packet Forwarding Rate	18.6 Mpps
	MAC Address Table	4K

Software Features	Advanced Features	• Compatible With IEEE 802.3af/at/bt type3 Compliant PDs • Mac Address Auto-Learning And Auto-Aging • IEEE 802.3x Flow Control • 802.1p/DSCP QoS • IGMP Snooping • PoE Auto Recovery (Ports 1-4)
	Transmission Method	Store and Forward
Others	Certifications	CE, FCC
	Package Content	• TL-SG105PP-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.