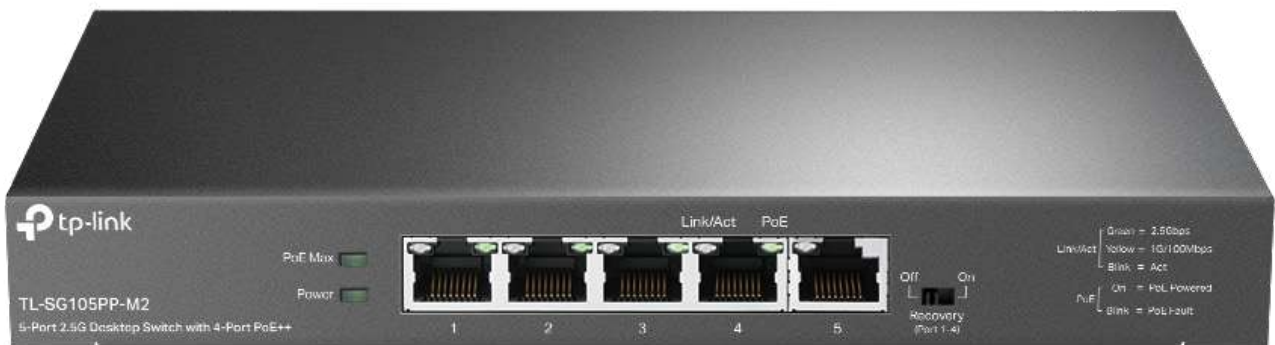




Unmanaged Switch | Datasheet

TL-SG105PP-M2

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



Highlights

- 5× 10 Mbps/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



4 x 2.5Gbps RJ45 ports with PoE++ 1 x 2.5Gbps RJ45 ports Switch for PoE Auto Recovery



Specifications

Model	TL-SG105PP-M2
Interface	5x 10Mbps/100Mbps/1Gbps/2.5Gbps RJ45 Ports
Network Media (Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100 m) EIA/TIA-568 100 Ω STP (maximum 100 m) 100Base-TX: UTP category 5, 5e cable (maximum 100 m) EIA/TIA-568 100 Ω STP (maximum 100 m) 1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100 m) EIA/TIA-568 100Ω STP (maximum 100 m)
PoE Ports (RJ45)	Standard: 802.3 af/at/bt type3 compliant PoE Ports: Port 1- Port 4 PoE Power Budget: 123 W
Auto-Negotiation	YES
Auto MDI/MDIX	YES
Power Supply	External Power Adapter (Output: 53.5 VDC / 2.43 A)
Max Power Consumption	7.57W (220 V/50 Hz with no PD connected) 143.37 W (220 V/50 Hz with 123W PD connected)
Max Heat Dissipation	25.81BTU/h (220 V/50 Hz with no PD connected) 488.89 BTU/h (220 V/50 Hz with 123W PD connected)
Forwarding Mode	Store And Forward
Switch Capacity	25 Gbps
MAC Address Table	4K, Auto-learning, Auto-aging
Jumbo Frame	12 KB
PoE Auto Recovery	YES (For Ports 1-4)
Flow Control	YES
Fan Quantity	Fanless
LED	Power, Link/Act, PoE Status, PoE Max
Dimensions (W x D x H)	8.2x4.9x1.0 in (209x126x26 mm)
Certification	FCC, CE, RoHS
Environment	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% RH, non-condensing Storage Humidity: 5% to 90% RH, 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.

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