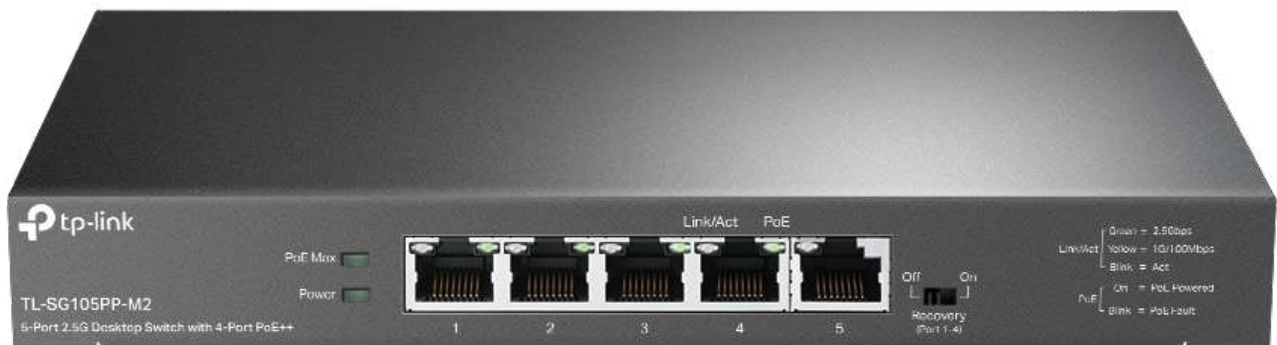




Unmanaged Switch | Datasheet

TL-SG105PP-M2

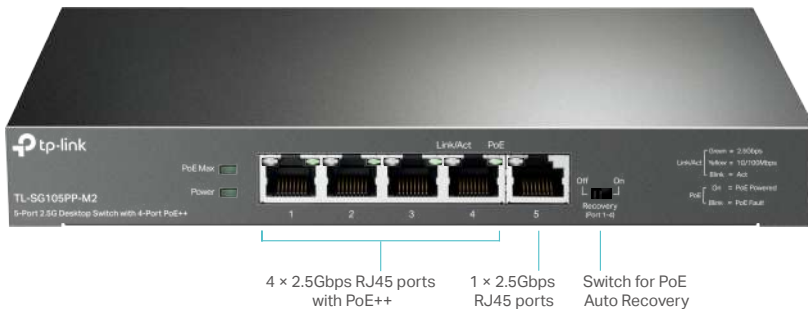
5-Port 2.5G Desktop Switch with 4-Port PoE++



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



Specifications

| Model | TL-SG105PP-M2 |
|--------------------------|--|
| Interface | 5× 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) | 8.2×4.9×1.0 in (209×126×26 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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