

HARDWARE FEATURES

Standards and Protocols	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x IEEE 802.3af, IEEE 802.3at, IEEE 802.1q, IEEE 802.1p
Interface	16 10/100/1000 Mbps RJ45 Ports (Auto Negotiation/Auto MDI/MDIX) 2 Gigabit SFP Ports
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100BASE-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000BASE-X MMF, SMF
Fan Quantity	2 Fans
Physical Security Lock	Yes
Power Supply	100-240V AC, 50/60 Hz
PoE+ Ports(RJ45)	Standard: 802.3at/802.3af compliant PoE+ Ports: 16 Ports Power Supply: 192W
Dimensions (W x D x H)	17.3 × 7.1 × 1.7 in. (440 × 180 × 44 mm)
Mounting	Rack Mountable
Max Power Consumption	18.73 W (220/50Hz. no PD connected) 217.22 W (220/50Hz. with 192W PD connected)
Max Heat Dissipation	63.89 BTU/h (no PD connected) 741.15 BTU/h (with 192W PD connected)

PERFORMANCE

Switching Capacity	36 Gbps
Packet Forwarding Rate	23.8 Mbps
MAC Address Table	8K
Packet Buffer Memory	4.1 Mbit
Jumbo Frame	9 KB

SOFTWARE FEATURES

Quality of Service	Support Port-based 802.1p/DSCP priority Support 4 priority queues Rate Limit Storm Control
L2 Features	IGMP Snooping V1/V2/V3 Static Link Aggregation Port Mirroring Cable Diagnostics Loop Prevention
VLAN	Support up to 32 VLANs simultaneously (out of 4K VLAN IDs) MTU/Port/Tag VLAN

SOFTWARE FEATURES

Management	Web-based GUI Easy Smart Configuration Utility
Transmission Method	Store-And-Forward

OTHERS

Certification	CE, FCC, RoHS
Package Contents	TL-SG1218MPE Power Cord Installation Guide Resource CD Rackmount Kit Rubber Feet
Environment	Operating Temperature: 0°C~50°C (32°F~122°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10% ~ 90% non-condensing Storage Humidity: 5%~90% non-condensing