

HARDWARE FEATURES

Standards and Protocols	IEEE 802.3i IEEE 802.3u IEEE 802.3ab IEEE 802.3x IEEE 802.1q IEEE 802.1p
Interface	16 10/100/1000Mbps RJ45 Ports AUTO Negotiation/AUTO MDI/MDIX
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)
Fan Quantity	Fanless
Physical Security Lock	No
Power Supply	100-240VAC, 50/60Hz
Dimensions (W x D x H)	11.6 x 7.1 x 1.7 in. (294 x 180 x 44 mm)
Mounting	Rack Mountable
Max Power Consumption	10.22W (220V/50Hz)
Max Heat Dissipation	34.5 BTU/h

PERFORMANCE

Switching Capacity	32Gbps
Packet Forwarding Rate	23.8Mpps
MAC Address Table	8K
Packet Buffer Memory	4.1Mbit
Jumbo Frame	10KB

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	Supports up to 32 VLANs simultaneously (out of 4K VLAN IDs) MTU/Port/Tag VLAN
Transmission Method	Store-And-Forward

OTHERS

Certification	FCC, CE, RoHS
Package Contents	TL-SG1016DE Power Cord Installation Guide Resource CD Rackmount Kit Rubber Feet
System Requirements	Microsoft® Windows® for Easy Smart Utility
Environment	Operating Temperature: 0°C~40°C (32°F~104°F) Storage Temperature: -40°C~70°C (-40°F~158°F) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing