

HARDWARE FEATURES

Standards and Protocols	IEEE 802.3, 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	1
Physical Security Lock	Yes
PoE Ports (RJ45)	Standard: 802.3 at (30W) PoE Ports: Port 1- Port 8 Total PoE Power Budget: 110W
Dimensions (W x D x H)	11.6 × 7.1 × 1.7 in. (294 × 180 × 44 mm)
Mounting	13" and 19" 1U rack mountable
Max Power Consumption	14.7W (no PD load) 131.4W (with 110W PD load)
Max Heat Dissipation	50.2 BTU/h (no PD load) 448.4 BTU/h (with 110W PD load)

PERFORMANCE

Switching Capacity	32Gbps
Packet Forwarding Rate	23.8Mbps
MAC Address Table	8K
Packet Buffer Memory	4.1Mb
Jumbo Frame	9KB

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 Link Aggregation Port Mirroring Cable Diagnostics Loop Prevention
VLAN	Supports up to 32 VLANs simultaneously (out of 4K VLAN IDs) MTU/Port/Tag VLAN
Management	Web-based GUI Easy Smart Configuration Utility POE Auto Recovery

SOFTWARE FEATURES

Transmission Method

Store-And-Forward

OTHERS

Certification

FCC, RoHS

Package Contents

TL-SG1016PE
Power Cord
Installation Guide
Rackmount Kit
Rubber Feet

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