

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
Power Supply	External Power Adapter(Output: 12VDC/1.0A)
Dimensions (W x D x H)	11.3 × 4.4 × 1.0 in. (286 × 111.7 × 25.4 mm)
Max. Power Consumption	9.19W(220V/50Hz)
Max. Heat Dissipation	31.36BTU/h

PERFORMANCE

Switching Capacity	32Gbps
Packet Forwarding Rate	23.81Mpps
MAC Address Table	8K
Packet Buffer Memory	4.1Mb

PERFORMANCE

Jumbo Frame	9KB
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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 Content	TL-SG116E Power Cord Installation Guide Rubber Feet
System Requirements	Microsoft® Windows® for running Utility

OTHERS

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
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