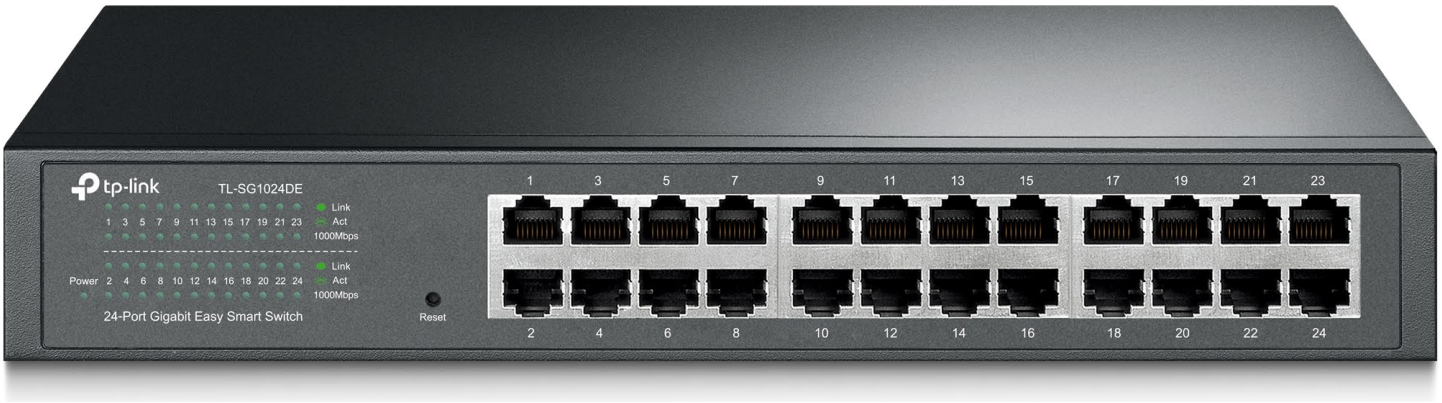
Easy Smart Switch | Datasheet

TL-SG1024DE V7

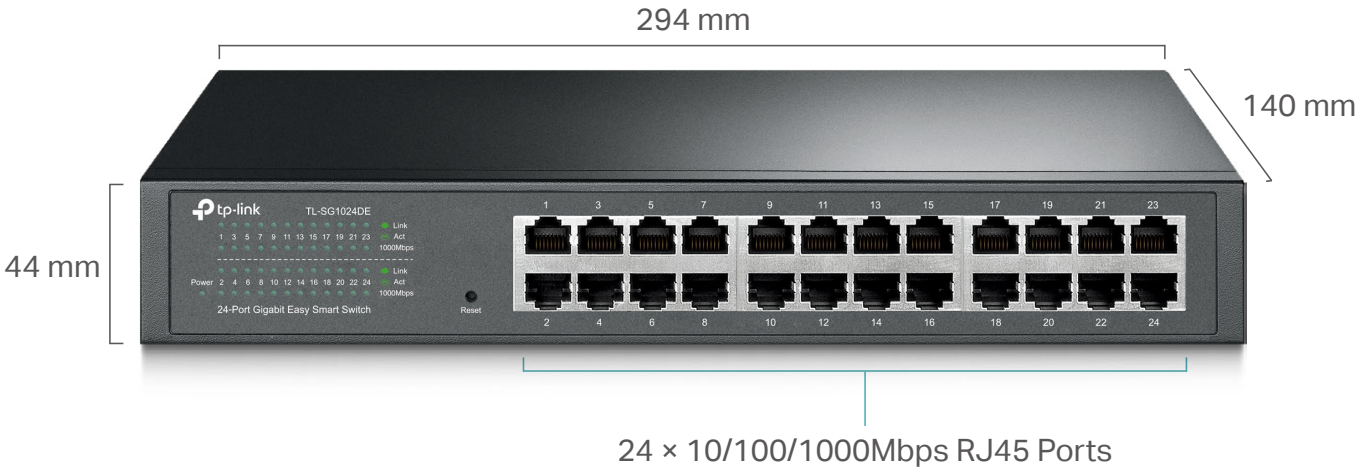
24-Port Gigabit Easy Smart Switch



Highlights

- 24 10/100/1000Mbps RJ45 ports
- Provides network monitoring, traffic prioritization and VLAN features
- Green technology reduces power consumption
- Simple network set-up on top of plug-and-play connectivity
- Web-based user interface and management utility simplify configuration
- Plug and play

Product Pictures



Specifications

Hardware Features & Performance		
Model		TL-SG1024DE V7
General	Interfaces	• 24 10/100/1000 Mbps RJ45 Ports • AUTO Negotiation/AUTO MDI/MDIX
	Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab , IEEE 802.3x, IEEE 802.1q, IEEE 802.1p
Performance	Switching Capacity	48 Gbps
	Forwarding Rate	35.71 Mpps
	MAC Address Table	8K
	Packet Buffer Memory	4.1 Mbit
	Jumbo Frame	10 KB
Physical & Environment	Power Supply	100-240 V, 50/60 Hz
	Network Media	• 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) • 100BASE-TX: UTP category 5 or above cable (maximum 100m) • 1000BASE-T: UTP category 5e or above cable (maximum 100m)
	Maximum Power Consumption	13.66 W
	Maximum Heat Dissipation	46.45 BTU/h
	Dimensions (W×D×H)	11.6 × 5.5× 1.7 in. (294 × 140 × 44 mm)
	Fan Quantity	Fanless
	Installation	Desktop/Rack Mountable
	Operating Temperature	0°C~40°C (32°F~104°F)
	Storage Temperature	-40 °C–70 °C (-40 °F–158 °F)
	Operating Humidity	10%–90%RH, non-condensing
	Storage Humidity	5%–90%RH, non-condensing
	Certification	CE, FCC, RoHS

Software Features	
Model	TL-SG1024DE V7
L2 Features	• IGMP Snooping
	• Link Aggregation
	• Port Mirroring
	• Cable Test
	• Loop Prevention
VLAN	• Supports up to 32 VLANs (out of 4K VLAN IDs)
	• MTU/Port-Based/802.1Q tag VLAN
QoS	• 4 Priority Queues
	• Support Port-based/802.1p/DSCP priority
	• Bandwidth Control
	• Storm Control
Management	• Web-based Graphic User Interface (GUI)
	• Easy Smart Configuration Utility

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