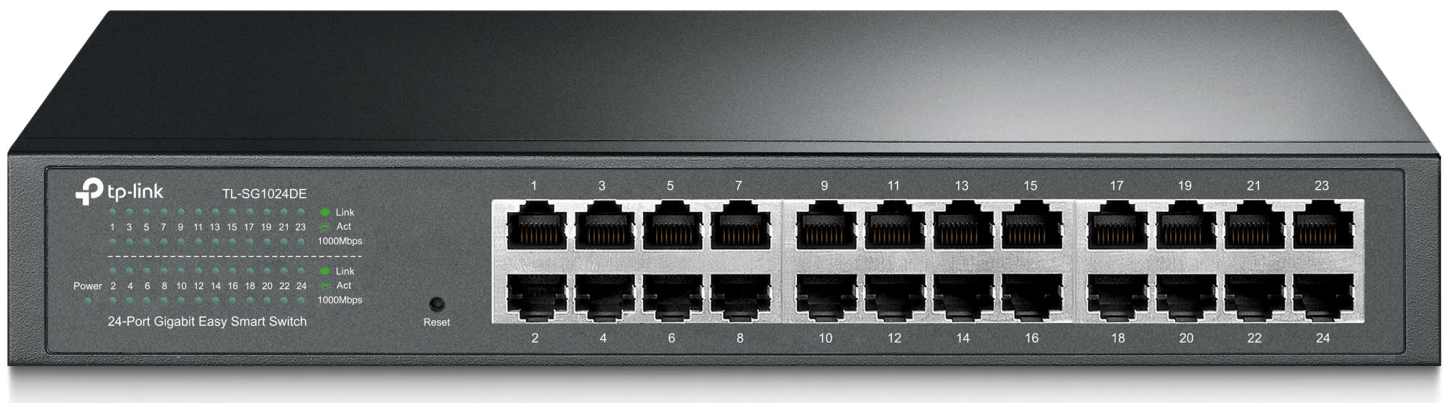




Easy Smart Switch | Datasheet

TL-SG1024DE V7

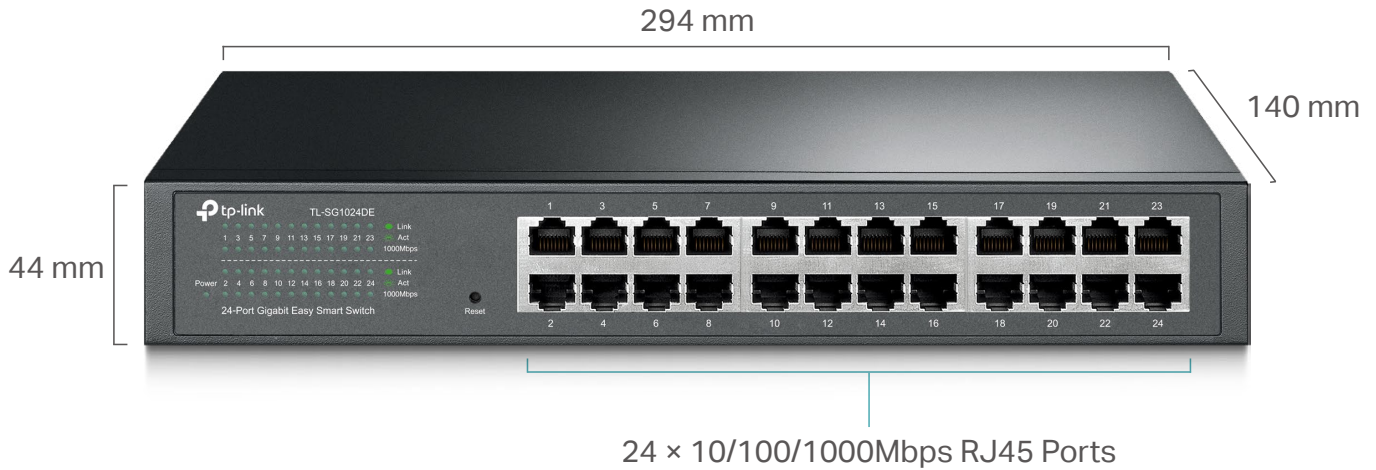
24-Port Gigabit Easy Smart Switch



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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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