



TP-Link TL-SG1024DE | Switch | 24x RJ45 1000Mb/s, Rack/Desktop, Managed



link to the product:

<https://www.batna24.com/gb/p/switches/tp-link-tl-sg1024de-switch-24x-rj45-1000mb-s-rack-desktop-managed>

Price: **382.35 zł** gross / 310.85 zł net



Manufacturer: TP-LINK

Referention number: DNXEDKORERMMJN

Product features

Regulatory Approvals	FCC, CE, RoHS
Storage relative humidity (H-H)	5 – 90%
Power source	mains electricity
Height	44 mm
LED indicators	Yes
Width	294 mm
Depth	180 mm
Auto-negotiation	Yes
Virtual LAN features	Port-based VLAN
Packet buffer memory	0.512 MB
Storage temperature (T-T)	-40 to 70 °C
Cables included	AC
Rack mounting	Yes
Power consumption (max)	14.86 W
Rate limiting	Yes
Package weight	2020 g
Humidity measurement range	10 – 90%
Harmonized System (HS) code	85176990
Switching capacity	48 Gb/s
Networking standards	IEEE 802.1p
Switch type	Managed
10G support	No

Loop protection	Yes
Auto MDI/MDI-X	Yes
Number of VLANs	32
Broadcast storm control	Yes
Operating temperature (T-T)	0 - 40 °C
Package depth	400 mm
Package height	80 mm
Heat dissipation	114.37 British thermal unit per hour
Package width	250 mm
Quality of Service (QoS) support	Yes
Package type	Box
Rack mount kit	Yes
VLAN support	Yes
Link aggregation	Yes
User guide	Yes
IGMP snooping	Yes
Web-based management	Yes
Flow control support	Yes
Port mirroring	Yes
Jumbo frames	9216
Jumbo frames support	Yes
MAC address table	8000 entries
Power supply included	Yes
AC input frequency	50 Hz
Number of queues	4
AC input voltage	100 V
Gigabit Ethernet (copper) ports quantity	24
Cable types supported	Cat3
Copper ethernet cabling technology	1000BASE-T
Product colour	Black
Switch layer	L2+
Basic switching RJ-45 Ethernet ports type	Gigabit Ethernet (10/100/1000)
Basic switching RJ-45 Ethernet ports quantity	24
Operating system	Windows 98SE, NT, 2000, XP, Vista, Windows 7, Windows 8, MAC OS, NetWare, UNIX, Linux

Full product description

Easy Smart TL-SG1024DE - switch for small and medium-sized businesses

The **Easy Smart Switch TL-SG1024DE** is a device designed for small and medium-sized businesses where basic local network management functions are required. With the **Port Mirroring**, **Loop Prevention** and **Cable Status Diagnostics** functions, administrators can easily monitor network traffic. And with **tagging 802.1P** and **QoS** function based on ports, it is guaranteed to maintain the highest capacity for the most important connections in the corporate network. The support of port-based tagging and **MTUMTU** networks allows for improved security and appropriate separation of network resources. The TL-SG1024DE is environmentally friendly because it uses innovative technology that saves up to 40%* of the energy used.



High performance and easy to use second layer functions

Easy Smart TL SG1024DE switch from TP-Link has been equipped with easy to use second layer management functions. The functions **Port Mirroring and Loop Prevention** and **Port Status Diagnostics** allow to identify and locate problems occurring in the company's network. The administrator can use **QoS** support, based on ports or **802.1p** tagging, to ensure smooth transmission handling, such as voice or video transmission. The switch supports **VLAN** based on ports, tagging and **MTU**, which enables easy configuration of the uplink port and increases efficiency and security.



Environmentally friendly, energy-efficient network

Easy Smart Switch TL-SG1024DE from TP-LINK uses technology that allows to save energy while maintaining high throughput. Unlike most devices, the power consumption depends on the length of the cable, the TL-SG1024 switch analyzes the length of the connected cables and adjusts the amount of energy consumed by the ports accordingly, reducing its consumption. To reduce power consumption, it also uses the **power off function for unused ports**, automatically detects the connection status and disconnects power for inactive ports and those where devices are disabled.



Easy to set up

The TL-SF1024D Network Switch provides a simple and seamless **Plug and Play** installation. The **Automatic MDI/MDIX** crossover function makes it easy to use as there is no need to use crossover cables. Thanks to **automatically negotiated connections** the device automatically detects the speed of the connected (**10/100/1000 Mb/s**) hardware on each port, providing the best performance. **Small dimensions** save space. Included components ensure easy and safe installation in the rack. **LEDs** display the current status of each port for easy connection diagnostics.

