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TP-Link TL-SG1024 network switch Unmanaged L2 Gigabit Ethernet (10/100/1000) Black

Model: TL-SG1024

Manufacturer: TP-LINK

EAN: 1210002616799

Product Code: 575694

R2,416

The TL-SG1024D 24-Port Gigabit desktop/rack-mount switch provides an easy way to make the transition to Gigabit Ethernet. All 24 ports support auto MDI/MDIX, no need to worry about the cable type, simply plug and play. Moreover, with the innovative energy-efficient technology, the TL-SG1024D can save up to 20%* of the power consumption, making it an eco-friendly solution for your business network.

Gigabit Switch

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Featured with 24 10/100/1000Mbps ports, TL-SG1024D greatly expands your network capacity, enabling instant large files transferring. So power users in the home, office, workgroup, or creative production environment can now move large, bandwidth-intensive files faster. Transfer - graphics, CGI, CAD, or multimedia files across the network instantly.

GO GREEN WITH YOUR ETHERNET

You now have the choice to go green when upgrading to a gigabit network! This new generation TL-SG1024D 24-Port Gigabit desktop/rack-mount Switch features the latest innovative energy-efficient technologies that can greatly expand your network capacity with much less power. It automatically adjusts power consumption according to the link status and cable length to limit the carbon footprint of your network.

Power down Idle Ports

When a computer or network equipment is off, the corresponding port of a traditional switch will continue to consume considerable amounts of power. The TL-SG1024D can automatically detect the link status of each port and reduce the power consumption of ports that are idle.

Power Budget According to Cable Length

Ideally, shorter cables would use less power because of less power degradation over their length, this is not the case with most devices as they will use the same amount of power across the cable regardless of whether it is 10 or 50 meters in length. The TL-SG1024D analyzes the length of the Ethernet cable connected and adjusts the power usage accordingly, rather than keeping the power consumption in a conventional solution.

Easy to Use

The auto features of this gigabit switch make installation plug and play and hassle-free. No configuring is required. Auto MDI/MDIX eliminates the need for crossover cables. Auto-negotiation on each port senses the link speed of a network device (either 10, 100 Mbps or 1000 Mbps) and intelligently adjusts for compatibility and optimal performance.

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Features

- Innovative energy-efficient technology saves power up to 20%;
- Supports IEEE 802.3x flow control for Full Duplex mode and backpressure for Half Duplex mode;
- Non-blocking switching architecture that forwards and filters packets at full wire-speed for maximum throughput;
- 48Gbps Switching Capacity;
- 10K Jumbo frame improves performance of large data transfers;
- Auto-MDI/MDIX eliminates the need for crossover cables;
- Supports MAC address auto-learning and auto-aging;
- Store and forward Switching scheme;
- Auto-negotiation ports provide smart integration between 10Mbps, 100Mbps and 1000Mbps hardware;
- Desktop and Rack-mountable design;
- Plug and Play design simplifies installation.

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