16/24-Port 10/100Mbps Desktop/Rackmount Switch

MODEL: TL-SF1016DS/TL-SF1024D



Overview

The 16/24-Port 10/100Mbps Desktop/Rackmount Switch TL-SF1016DS/TL-SF1024D provides you with a high-performance, low-cost, easy-to-use, seamless and standard upgrade to improve old network to 100Mbps network. All 16/24 ports support auto MDI/MDIX, so there is no need to worry about the cable type, simply plug and play. Moreover, with the innovative energy-efficient technology, the TL-SF1016DS/TL-SF1024D can reduce power consumption and the vast majority of its packaging material can be recycled, making it an eco-friendly solution for your business network.

TP-Link Green Technology

This new 16/24-Port 10/100Mbps Desktop/Rackmount Switch TL-SF1016DS/TL-SF1024D features the latest innovative energy-efficient technologies that can greatly expand your network capacity with much less power. The switch limits the carbon footprint of your network by automatically adjusting power consumption in accordance with link status and cable length. It complies with the EU RoHS, which prohibits the use of certain hazardous materials, and most of the packaging material is recyclable.

Enhanced Performance

The rack-mount size steel case design, combined with a safety-certified internal power supply, make the switch the most robust product, which is very cost-effective for a less than 16/24-user environment. Featuring non-blocking switching architecture, TL-SF1016DS/TL-SF1024D forwards and filters packets at full wire-speed for maximum throughput. And IEEE 802.3x flow control for Full Duplex mode and back-pressure for Half Duplex mode alleviate the traffic congestion and make TL-SF1016DS/TL-SF1024D work reliably.

Easy of Use

The auto features of this fast ethernet 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 (10, 100 Mbps) and intelligently adjusts for compatibility and optimal performance.

Specifications

Hardware Specifications & Performance

Product Picture			
Model		TL-SF1016DS	TL-SF1024D
Hardware Features	Standards and Protocols	IEEE 802i, IEEE 802.3u, IEEE 802.3x	
	Interface	16 10/100Mbps RJ45 Ports Auto Negotiation/Auto MDI/MDIX	24 10/100Mbps RJ45 Ports Auto Negotiation/Auto MDI/MDIX
	Forwarding Mode	Store-and-Forward	
	Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) 100BASE-TX: UTP category 5, 5e or above cable (maximum 100m)	
	Power Supply	100-240VAC, 50/60Hz	
	Green Technology	Yes	
	Dimensions	11.6*7.1*1.7 in. (294*180*44 mm)	
	Fanless	Yes	
Performance	Switching Capacity	3.2Gbps	4.8Gbps
	Packet Forwarding Rate	2.38Mpps	3.57Mpps
	MAC Address Table	8K	
	Jumbo Frame	2KB	
	Max Power Consumption	2.06W (220V/50Hz)	3.19W (220V/50Hz)
	Max Heat Dissipation	7.03 BTU/h	10.88 BTU/h
Certification		CE, FCC, RoHS	
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%RH non-condensing	
	Storage Humidity	5%~90%RH non-condensing	
Ordering Information		16-Port 10/100Mbps Desktop Rackmount switch	24-Port 10/100Mbps Desktop Rackmount switch

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