8-Port 10/100Mbps Desktop Switch with 4-Port PoE

MODEL: TL-SF1008P Datasheet



Highlights

- With four PoE ports, transfers data and power on one single cable
- Working with IEEE 802.3af compliant PDs, expands home and office network
- Supports PoE power up to 15.4W for each PoE port
- Supports PoE power up to 57W for all PoE ports
- Requires no configuration and installation

Overview

TL-SF1008P is an unmanaged switch with 8 10/100Mbps ports that requires no configuration and provides 4 PoE (Power over Ethernet) ports. It can automatically detect and supply power with all IEEE 802.3af compliant Powered Devices (PDs). In this situation, the electrical power is transmitted along with data in one single cable allowing you to expand your network to where there are no power lines or outlets, where you wish to fix devices such as APs, IP Cameras or IP Phones, etc.

Power Over Ethernet

4 of the 8 Auto-Negotiation RJ45 ports (port 1 to port 4) of the switch support Power over Ethernet (PoE) function. These PoE ports can automatically detect and supply power with those IEEE 802.3af compliant Powered Devices (PDs).

Overload Arrangement

TL-SF1008P has the priority function which will help protect the system when the system power is overloaded. If all PoE PDs power consumption is >= 57W, a priority will be arranged among the PoE ports, then the system will cut off the power of the lowest-priority port.

Port Priority Function

Priority (port 1 = port 2 = port 3 > port 4): This function will help protect the system when the system power is overloaded. For example, port 1, 2 and 4 is using 15.4W (maximum power for per port is 15.4W); the system power is 46.2W in total. If there is an additional PD inserted to port 3 with 12W, and then the system will cut off the power of port 4 because of the overloaded power, this means port 1, 2 will use 15.4W, and port3 will use 12W, no power will be supplied to port 4.

Easy to Use

TL-SF1008P is easy to install and use. It requires no configuration and installation. With desktop design, outstanding performance and quality, the TP-Link 8-Port 10/100Mbps Desktop Switch with 4-Port PoE TL-SF1008P is a great selection for expanding your home or office network.

Specifications

Hardware Features & Performance	
Product Picture	
Model	TL-SF1008P
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af
Network Ports	8 * 10/100Mbps RJ45 ports with 4 PoE ports (port 1 to port 4)
Network Media(Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100Base-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
Auto-Negotiation	YES
Auto MDI/MDIX	YES
PoE Power on RJ45	Power+: pin 3 & pin 6 Power -: pin 1 & pin 2
PoE Consumption	2.3 watts. (max. no PD connected) 59.3 watts (max. with 57w PD connected)
Forwarding Mode	Store and Forward
Switch Capacity	1.6Gbps
MAC Address Table	2k, Auto-learning, Auto-aging
Flow Conrol	YES
Backpressure	YES
Fanless	YES
LED	Power, Link/Act, PoE Status, PoE MAX
Dimensions	6.7 x 3.9 x 1.1 in. (171 x 98 x 27mm)
Certication	CE, FCC
Systems	Windows 8/7/Vista/XP, Mac OS or Linux-based operating system
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

Host Switch	
Product Model	Description
TL-SF1008P	8-Port 10/100Mbps Desktop Switch with 4-Port PoE
PoE Adapter	
Product Model	Description
TL-POE10R	PoE Splitter
Router	
Product Model	Description
TL-R470T+	Load Balance Broadband Router
TL-R480T+	Load Balance Broadband Router

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