

Spotlight:

- With four PoE ports, transfers data and power on one single cable
- Working with IEEE 802.3af compliant PDs, expands home and office network
- Requires no configuration and installation

**Product Description:**

The TL-SF1008P 8-port 10/100M Desktop PoE Switch provides the seamless network connection. It integrates 100Mbps Fast Ethernet and 10Mbps Ethernet network capabilities.

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). In this situation, the electrical power is transmitted along with data in one single cable allowing you to expand your network where there are no power lines or outlets, where you wish to fix devices such as APs, IP Cameras or IP Phones, etc.

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 $\geq 53W$, a priority will be arranged among the PoE ports, then the system will cut off the power of the lowest-priority port.

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

Note: *priority (port-1>port-2>port-3>port-4): This function will help protect the system if the system power becomes overloaded. For example, Port 1, 2 and 4 are using 15.4w (maximum power per port is 15.4W), the system power is 46.2w in total (PoE max LED is red). If there is an additional PD inserted to Port 3 with 10w then the system will cut off Port 4 to protect the system, this means Port 1, 2 will use 15.4w, and Port3 will use 10w, and no power will be supplied to Port 4

Product Features:

- Supports PoE power up to 15.4W for each PoE port
- Supports PoE power up to 53W for all PoE ports
- Supports PoE IEEE802.3af compliant PDs
- Supports IEEE802.3x flow control for Full-duplex Mode and backpressure for Half-duplex Mode
- 1K entry MAC address table of the TL-SF1008P with auto-learning and auto-aging
- LED indicators for monitoring power, link, activity and speed
- External power adapter supply

Product Specifications:

Software Specification	
Standards and Protocols	IEEE 802.3, 802.3u, 802.3x, 802.3af CSMA/CD, TCP/IP
Basic Function	Compatible with IEEE 802.3af compliant PDs
	Port Priority Function
	Wire-speed Performance
	MAC Address Auto-Learning and Auto-aging
	IEEE802.3x flow control for Full-Duplex Mode and back pressure for Half-Duplex Mode
Backbound Bandwidth	1.6Gbps
MAC Address Table	1k
Forwarding Rate	10BASE-T: 14880pps/port 100BASE-TX: 148800pps/port
Transmission Method	Store-and-Forward

Hardware Specification	
Ports	8 10/100M Auto-Negotiation RJ45 ports with 4 PoE ports (port-1~port-4), Auto MDI/MDIX
Network Media	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)
LED Indicators	Power, Link/Act, 100Mbps, PoE Status, PoE MAX
Safety & Emission	FCC, CE
Dimensions (W*D*H)	6.7*3.9*1.1 in. (171*98*27 mm)
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% non-condensing Storage Humidity: 5%~90% non-condensing
Power Supply	External Power Adapter(Output: 48VDC / 1.25A)
Consumption	5.8 watts (max. no PD connected)
	58 watts (max. with 53w PD connected)