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

## TL-SF1008P

## 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**

- IEEE802.3af standards
- Supports PoE power up to 15.4W for each PoE port
- Supports PoE power up to 57W for all PoE ports
- Supports priority function to protect the system when the system power is overloaded

**High Performance**

- Auto MDI/MDIX
- Auto-Negotiation
- Store and forward
- IEEE 802.3x flow control for Full-duplex Mode
- Backpressure for Half-duplex Mode
- 2k MAC address auto-learning and auto-aging

**Easy to use**

- Plug and Play design
- Fanless design

24/7 Global technical support

- Details:http://www.tp-link.com/support/Localesupport.asp
- German/Austrian/Swiss users are not included


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## 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)<br>EIA/TIA-568 100Ω STP (maximum 100m)<br>100Base-TX: UTP category 5, 5e cable (maximum 100m)<br>EIA/TIA-568 100Ω STP (maximum 100m) |
| **Auto-Negotiation** | YES |
| **Auto MDI/MDIX** | YES |
| **PoE Power on RJ45** | Power+: pin 3 & pin 6<br>Power -: pin 1 & pin 2 |
| **PoE Consumption** | 2.3 watts. (max. no PD connected)<br>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) |
| **Certification** | CE, FCC |
| **Systems** | Windows 8/7/Vista/XP, Mac OS or Linux-based operating system |
| **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 |

# Ordering Information

| Host switches | |
|---|---|
| **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 |