8-Port Gigabit Desktop Switch with 4-Port PoE

TL-SG1008P

◤ Overview

The TL-SG1008P provides 8 10/100/1000Mbps RJ45 ports, port 1 to port 4 of the switch support the 802.3af-compliant PoE standard with total PoE power budget of 55W. The TL-SG1008P is an unmanaged switch with desktop design, outstanding performance and quality, which is a great selection for expanding your home or office network.

Power Over Ethernet

- IEEE 802.3af standard
- Supports PoE power up to 15.4W for each PoE port
- Supports PoE power up to 55W 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
- 4k MAC address auto-learning and auto-aging

Easy to use

- Plug and Play design
- Fanless design

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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-SG1008P has the priority function which will help protect the system when the system power is overloaded. If all connected PoE devices' total power consumption exceeds 55W, 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 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. 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 port 3 will use 10W, and no power will be supplied to port 4.

Easy To Use

TL-SG1008P is easy to install and use. It requires no configuration and installation. With desktop design, outstanding performance and quality, the TP-LINK TL-SG1008P 8-Port Gigabit Desktop Switch with 4-Port PoE is a great selection for expanding your home or office network.

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Global technical support

- Details:http://www.tp-link.com/support/Localesupport.asp
- German/Austrian/Swiss users are

◤ Specifications

Hardware Features & Performance	
Product Picture	
Model	TL-SG1008P
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af, 802.1p
Network Ports	8*10/100/1000Mbps 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 or above cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000Base-T: UTP category 5, 5e cable or above cable(maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
Auto Negotiation	YES
Auto MDI/MDIX	YES
Power Consumption	5.5W (max. no PD connected) 65.2W (max. with 55w PD connected)
Forwarding Mode	Store and Forward
Switch Capacity	16Gbps
MAC Address Table	4k, Auto-learning, Auto-aging
Flow Conrol	YES
Fanless	YES
LED	Power, 1000Mbps, Link/Act, PoE Status, PoE MAX
Dimensions	6.7x3.9x1.1in.(171x98x27mm)
Certification	CE,FCC
Operating Temperature	0℃ ~40 ℃ (32 °F ~104°F)
Storage Temperature	-40 ℃ ~70 ℃ (-40 °F ~158°F)
Operating Humidity	10%~90% non-condensing
Storage Humidity	5%~90% non-condensing

◤ Ordering Information

Host Switches	
Product Model	Description
TL-SG1008P	8-Port Gigabit Desktop Switch with 4-Port PoE
TL-SG1008PE	8-Port Gigabit Desktop Switch with 8-Port PoE
PoE Adapter	
Product Model	Description
TL-POE10R	PoE Splitter
Router	
Product Model	Description
TL-ER604W	SafeStream Wireless N Gigabit Broadband VPN Router

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