

8-Port Gigabit Desktop Switch with 4-Port PoE

TL-SG1008P

Overview

TL-SG1008P is an 8 10/100/1000Mbps ports unmanaged switch 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.

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Power Over Ethernet

- IEEE802.3 af standard
- Supports PoE power up to 15.4W for each PoE port
- Supports PoE power up to 53W 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
- 8k 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-SG1008P has the priority function which will help protect the system when the system power is overloaded. If all PoE PDs power consumption is >= 53W, 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 (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 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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Specifications

Hardware Features & Performance	
Product Picture	
Model	TL-SG1008P
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3af
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
PoE Power on RJ45	Power+: pin 3 & pin 6 Power -: pin 1 & pin 2
Power Consumption	5.8 watts. (max. no PD connected) 58.8 watts (max. with 53w PD connected)
Forwarding Mode	Store and Forward
Switch Capacity	16Gbps
MAC Address Table	8k, Auto-learning, Auto-aging
Flow Conrol	YES
Backpressure	YES
Fanless	YES
LED	Power, 1000Mbps, Link/Act, PoE Status, PoE MAX
Dimensions	6.7x3.9x1.1in.(171x98x27mm)
Certification	CE,FCC
Systems	Windows 2000/XP/Vista/7/8 Linux/MAC OS
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
TL-ER608W	SafeStream Wireless N Gigabit Broadband VPN Router

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