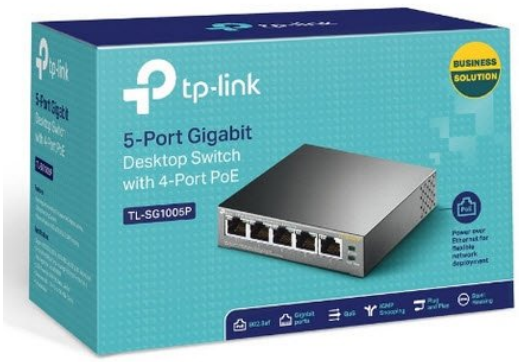
ComX Computers
Product Specification Sheet

TP-SG1005P

TP-Link SG1005P 5 Port Gigabit Desktop PoE Switch

Product Overview

TP-Link SG1005P 5 Port Gigabit Desktop PoE Switch, 5 x FE Ports (4 PoE ports), 56W PoE Power Supply



Specifications

Overview:

TL-SG1005P is a 5 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.

Features:

- 5 10/100/1000Mbps RJ45 ports
- With four PoE ports, transfers data and power on one single cable
- Working with IEEE 802.3af compliant PDs, expands home and office network
- 802.1p/DSCP QoS enable smooth latency-sensitive traffic
- Supports PoE Power up to 15.4W for each PoE port
- Supports PoE Power up to 56W for all PoE ports
- Requires no configuration and installation

Power over Ethernet
4 of the 5 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-SG1005P has the priority function which will help protect the system when the system power is overloaded. If all PoE PDs power consumption is >= 56W, 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 to ensure the normal operation of the system, it means Port 4 will be cut off when all total PoE PDs power consumption exceed 56W. For an 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 10W, 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 10W, no power will be supplied to Port 4.

Easy To Use

TL-SG1005P is easy to install and use. It requires no configuration and installation. With desktop design, outstanding performance and quality, the TP-Link's TL-SG1005P 5-Port Gigabit Desktop Switch with 4-Port PoE is an ideal choice for expanding your home or office network.

Specifications:

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Specifications	
Product Code	TP-SG1005P
HARDWARE FEATURES	
Interface	5 10/100/1000Mbps RJ45 Ports
	AUTO Negotiation/AUTO MDI/MDIX
Network Media	10BASE-T: UTP category 3, 4, 5 cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
	100BASE-TX: UTP category 5, 5e cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
	1000BASE-T: UTP category 5, 5e, 6 or above cable (maximum 100m)
	EIA/TIA-568 100ohm STP (maximum 100m)
Fan Quantity	Fanless
External Power Supply	External Power Adapter(Output: 48VDC / 1.25A)
PoE Ports (RJ45)	Standard: 802.3 af compliant
	PoE Ports: Port1- Port4
	Power Supply: 56W
Backbound Bandwidth	10Gbps
Mac Address Table	2K
Dimensions (W x D x H)	3.9 x 3.9 x 1.0 in. (99.8 x 98 x 25 mm)
Max Power Consumption	3.95W(220/50Hz. no PD connected)
	64.44W(220/50Hz. with 55W PD connected)
Max Heat Dissipation	13.48BTU/h(no PD connected)
	219.87BTU/h(with 56W PD connected)
SOFTWARE FEATURES	

Advanced Features	Compatible With IEEE 802.3af Compliant PDs
	Priority Function
	Mac Address Auto-Learning And Auto-Aging
	IEEE 802.3x Flow Control
	802.1p/DSCP QoS
	IGMP Snooping
Transfer Method	Store-And-Forward
OTHERS	
Certification	FCC, CE, RoHS
Package Contents	TL-SG1005P, Power Adapter, Installation Guide
Consumption	4.26 watts (max. no PD connected)
	63.31 watts (max. with 56w PD connected)
Environment	Operating Temperature: 0 degreesC~40 degreesC (32 degreesF~104 degreesF)
	Storage Temperature: -40 degreesC~70 degreesC (-40 degreesF~158 degreesF)
	Operating Humidity: 10%~90%RH non-condensing
	Storage Humidity: 5%~90%RH non-condensing

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/TP-SG1005P-TP-Link-SG1005P-5-Port-Gigabit-Desktop-PoE-Switch-p-215592.php

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