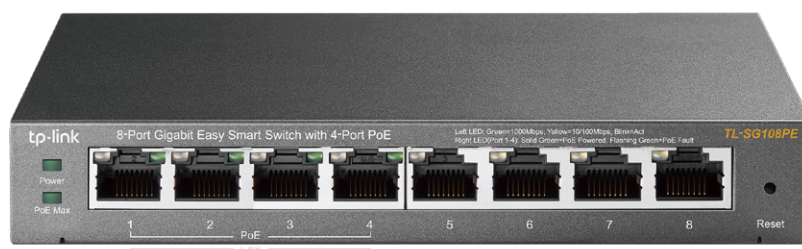


8-Port Gigabit Easy Smart Switch with 4-Port PoE

MODEL: TL-SG108PE Datasheet



Overview

The TL-SG108PE is an 8-port Gigabit Easy Smart Switch with 4 PoE ports, represents a powerful upgrade from an unmanaged switch. It is designed specifically for small businesses that require simple network management and PoE function. The TL-SG108PE can connect and power up to four PoE devices, such as wireless access points (APs), IP cameras, and IP phones. Through its web-based user interface and management utility, the TL-SG108PE offers a variety of useful features, including network monitoring, traffic prioritization, and enhanced QoS. Additionally, with port-based, tag-based and MTU VLAN, TL-SG108PE can improve security and meet more network segmentation requirements.

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).

Specifications

Hardware Features & Performance

Product Picture		
Model		TL-SG108PE
Physical Features	Interface	8 10/100/1000Mbps RJ45 Ports
	PoE Standard	802.3af
	PoE Ports	Port 1~ Port 4, up to 15.4W per port
	PoE Power Budget	55W
	External Power Supply	External Power Adapter(output: 48VDC/1.25A)
	Max Power Consumption	5.15W (220V/50Hz. no PD connected) 65.18W (220V/50Hz. with 55W PD connected)
	Max Heat Dissipation	17.57 BTU/h (no PD connected) 222.39 BTU/h (with 55W PD connected)
	Fan Quantity	Fanless
	LED	Power, PoE Max, Speed/Link/Act, PoE Status (Port 1~Port 4)
	Certification	CE, FCC
	Dimensions	6.2 * 4.0 * 1.0 in. (158 * 101 * 25 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%RH, non-condensing Storage Humidity: 5%~95%RH, non-condensing
Performance	Switching Capacity	16Gbps
	Forwarding Rate	11.9Mpps
	MAC Address Table	4K
	Packet Buffer Memory	1.5Mb
	Jumbo Frame	15KB

Specifications

Software Features

L2 Switching Features	• IGMP Snooping - IGMP Snooping - Supports 128 Groups • Link Aggregation - Supports static link aggregation - Supports up to 4 aggregation groups, containing 4 ports per group • Port Mirroring - One to One - Many to One • Cable Test • Loop Prevention
VLAN	• Supports up to 32 VLANs (out of 4K VLAN IDs) • MTU/Port/802.1Q VLAN
Quality of Service (QoS)	• Support Port-based/802.1p/DSCP priority • Support 4 priority queues • Rate Limit • Storm Control
Management	• Web-based Graphic User Interface (GUI) • Easy Smart Configuration Utility - Central Management - Friendly user interface
Ethernet Protocols	• IEEE 802.3i 10BASE-T • IEEE 802.3u 100BASE-TX/FX • IEEE 802.3ab 1000BASE-T • IEEE 802.3x Flow Control • IEEE 802.1q VLANs/VLAN tagging • IEEE 802.1p QoS