

# 8-Port 10/100Mbps + 2-Port Gigabit Desktop Switch with 8-Port PoE+

MODEL: TL-SL1210MP Datasheet



## Highlights

- With eight PoE+ ports, transfers data and power on one single cable
- Working with IEEE 802.3af/at compliant PDs, expands your network
- Supports PoE power up to 30 W for each PoE port
- Supports PoE power up to 124 W\* for all PoE ports
- Up to 250 m data and power transmission under Extend Mode\*\* specially designed for surveillance system
- Isolation Mode allows one-click client traffic separation for higher security and performance
- Requires no configuration and installation

## Overview

TL-SL1210MP is an unmanaged PoE switch with eight 10/100 Mbps ports, one Gigabit port and one SFP port, and its total PoE budget of the eight PoE+ ports is 124 W\*. It can automatically detect and supply power with all IEEE 802.3af/at 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

8 of the 11 Auto-Negotiation RJ45 ports (port 1 to port 8) of the switch support Power over Ethernet (PoE) function. These PoE ports can automatically detect and supply power with those IEEE 802.3af/at compliant Powered Devices (PDs).

## Overload Arrangement

TL-SL1210MP has the priority function which will help protect the system when the system power is overloaded. If all PoE PDs power consumption is larger than 124 W\*, a priority will be arranged among the PoE ports, then the system will cut off the power of the lowest-priority port.

## Intelligent Power Management

Priority (port 1 > port 2 >...> port 7 > port 8): This function will help protect the system when the system power is overloaded. For example, port 1, 2, 3 and 5 is using 30 W (maximum power per port is 30 W); the system power now is 120 W in total. If there is an additional PD inserted to port 4 with 30 W, and then the system will cut off the power of port 4 because of the overloaded power, this means port 1, 2, 3 and 4 will use 30 W, no power will be supplied to port 5.

## Highlight Performance

- Up to 250 m PoE power supply and data transmission under Extend Mode\*\*.
- Isolation Mode allows one-click client traffic separation for higher security and performance

## Easy to Use

TL-SL1210MP is easy to install and use. It requires no configuration and installation. With desktop and wall mountable design, outstanding performance and quality, TL-SL1210MP is a great selection for expanding your network.

# Specifications

## Hardware Features & Performance

Product Picture	
Model	TL-SL1210MP
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z IEEE 802.3af, IEEE 802.3at, IEEE 802.3ab
Network Ports	8 10/100 Mbps RJ45 Ports 1 100/1000 Mbps RJ45 Port 1 1000 Mbps SFP Port
Network Media (Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100 m) EIA/TIA-568 100 Ω STP (maximum 100 m) 100Base-TX: UTP category 5, 5e cable (maximum 100 m) EIA/TIA-568 100 Ω STP (maximum 100 m)
PoE	PoE Standard: IEEE 802.3af, IEEE 802.3at PoE Port 1–8, up to 30 W per port PoE Power Budget 124 W*
Auto-Negotiation	YES
Auto MDI/MDIX	YES
PoE Power on RJ45	Power+: pin 3 & pin 6 Power -: pin 1 & pin 2
Packet Forwarding Rate	4.166 Mpps
Jumbo Frame	16 KB
Forwarding Mode	Store and Forward
Switch Capacity	5.6 Gbps
MAC Address Table	2k, Auto-learning, Auto-aging
Extend Mode	YES
Isolation Mode	YES
Flow Control	YES
Fanless	YES
LED	Power, Link/Act, PoE Status, PoE MAX
Dimensions	209 × 126 × 26 mm
Certification	CE, FCC

### Note:

\* PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

\*\*The speed of the ports which are under extend mode will be downgraded to 10Mbps. Actual transmission distance may vary from the quality of the cables.

[www.tp-link.com](http://www.tp-link.com)

Specifications are subject to change without notice. TP-Link is a registered trademark of TP-Link Technologies Co., Ltd. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright © 2020 TP-Link Technologies Co., Ltd. All rights reserved.