

# 16-Port 10/100Mbps + 2-Port Gigabit Unmanaged PoE Switch

MODEL: TL-SL1218MP Datasheet



## Highlights

- 16 PoE+ 10/100Mbps RJ45 ports, 2 Gigabit RJ45 ports and 2 combo Gigabit SFP slots
- Up to 250m data and power transmission under extend mode specially designed for surveillance system
- Priority mode for port1-8 to guarantees the quality of sensitive applications like video monitor
- High PoE power budget with up to 30W for each PoE port and 192W for all PoE ports
- Easy to use, with no configuration and installation needed

## Overview

TP-Link's new TL-SL1218MP PoE switch with all 16 ports supporting the PoE+ standard provides a simple way to expand the wired network while transferring power over the same ethernet cable at the same time. With a total power budget of 192W, up to 30W per port, TL-SL1218MP can power more high-powered devices such as Access Points, IP Cameras, IP Phones and so on. Moreover, with innovative Extend Mode, devices can get PoE power supply and data transmission from 250m's distance\*. Priority mode ensures high priority for Port 1-8, which guarantees the quality of sensitive applications.

## Power over Ethernet for Simplified Network Deployment

- Features 16 802.3af/at compliant PoE+ ports, with a total PoE power budget of 192W
- Flexible deployment for PoE supported devices such as wireless access points, IP Phones and IP Cameras
- Designed to use a single Ethernet cable for both data and power transmission, lowering infrastructure costs

## Highlight Performance

- Up to 250m PoE power supply and data transmission under Extend Mode\*.
- After turning on the Priority Mode, there will be designated high priority ports for quality-sensitive application like Surveillance Video.

## Easy to Use

- Plug & play, no configuration required
- Auto MDI/MDIX eliminates the need for crossover cables
- Auto-negotiation intelligently adjusts for compatibility and optimal performance

# Specifications

## Hardware Features & Performance

Product Picture		
Model		TL-SL1218MP
General	Interfaces	16 10/100Mbps RJ45 Ports 2 10/100/1000Mbps RJ45 Ports 2 Gigabit SFP Slots
	PoE Standard	802.3af/at
PoE	PoE Ports	16, up to 30W
	PoE Power Budget	192W
	Switching Capacity	7.2Gbps
Performance	Packet Forwarding Rate	5.36Mpps
	MAC Address Table	8K
	Packet Buffer	4.1Mbit
	Jumbo Frame	10KB
Physical & Environment	Power Supply	100-240V AC, 50/60Hz
	Max Power Consumption	217.22W (with 192W PD Connected) 18.73W (no PD Connected)
	Max Heat Dissipation	741.15 BTU/h (with 192W PD Connected) 63.91 BTU/h (no PD Connected)
	Dimensions (W × D × H)	17.3 × 7.1 × 1.7 in.(440 × 180 × 44 mm)
	Fan Quantity	2
	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%~90%RH non-condensing
	Certification	CE, FCC

## Ordering Information

Host Switches	
Product Model	Description
TL-SL1218MP	16-Port 10/100Mbps + 2-Port Gigabit Unmanaged PoE Switch
SFP Modules	
Product Model	Description
TL-SM311LS	Gigabit SFP module, Single-mode, LC interface, Up to 10km distance
TL-SM311LM	Gigabit SFP module, Multi-mode, LC interface, Up to 550m distance
TL-SM321A	Gigabit WDM Bi-Directional SFP Module, single-mode, LC connector, TX:1550nm/RX:1310nm, 10km
TL-SM321B	Gigabit WDM Bi-Directional SFP Module, single-mode, LC connector, TX:1310nm/RX:1550nm, 10km
Router	
Product Model	Description
TL-ER6120	SafeStream Gigabit Dual-WAN VPN Router
TL-ER5120	Gigabit Load Balance Broadband Router
Router	
Product Model	Description
MC210CS	Gigabit single-mode SC SFP Transceiver, up to 15Km, chassis mountable
MC200CM	Gigabit multi-mode SC SFP Transceiver, up to 550m, chassis mountable
MC220L	Gigabit SFP slot supporting mini-GBIC modules, chassis mountable
MC1400	14-slot power supply chassis for TP-LINK Media Converter, 19-inch rack-mountable

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