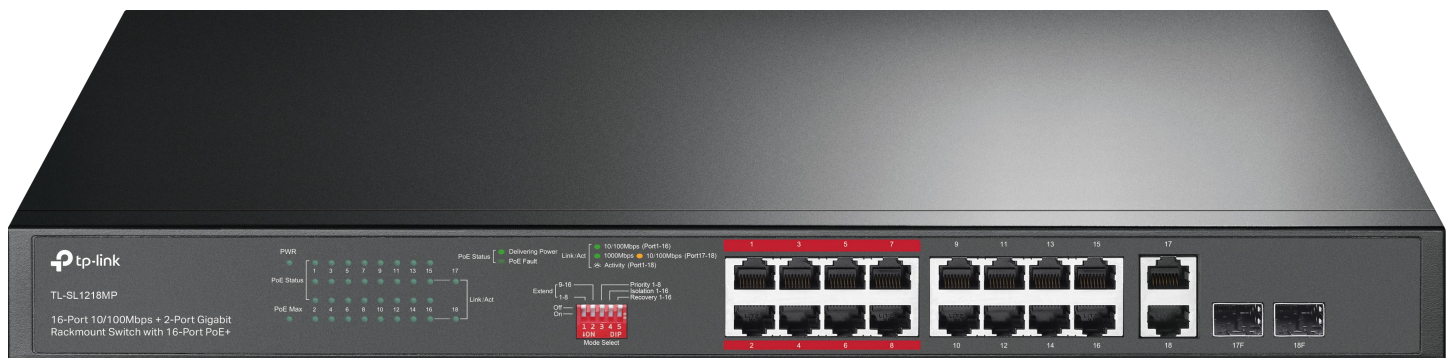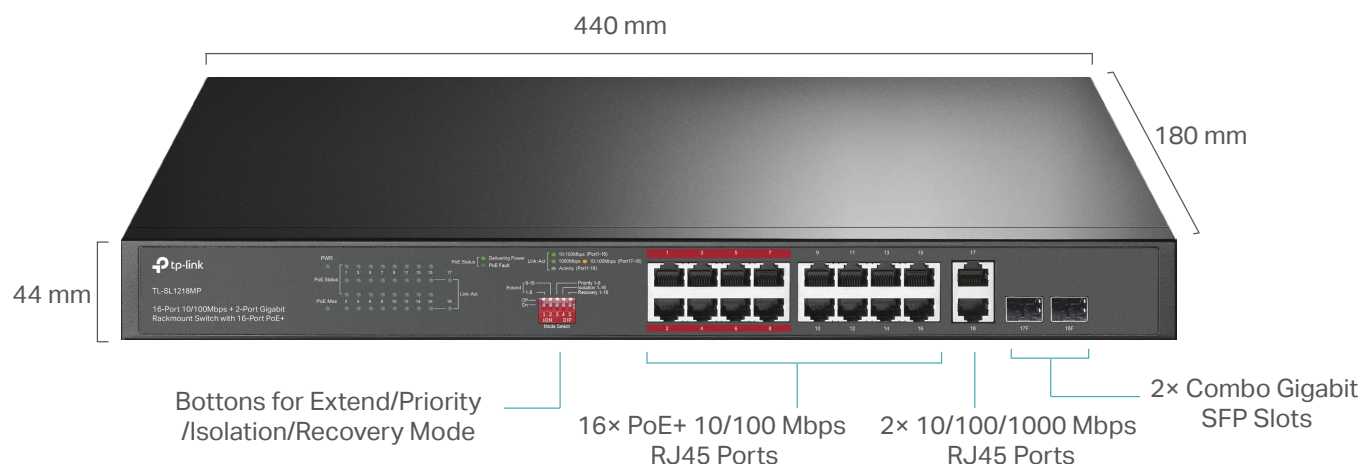# Unmanaged Switch | Datasheet

TL-SL1218MP V5.20
16-Port 10/100 Mbps + 2-Port Gigabit Rackmount Switch with 16-Port PoE+

Highlights

- 16× PoE+ 10/100 Mbps RJ45 ports, 2× Gigabit RJ45 ports, and 2× combo Gigabit SFP slots.
- High PoE power budget with up to 30 W for each PoE port and 250 W for all PoE ports.
- Up to 250 m data and power transmission under extend mode specially designed for surveillance system.
- Priority mode for ports 1–8 to guarantees the quality of sensitive applications like video monitor.
- Isolation Mode allows one-click client traffic separation for higher security and performance.
- PoE Auto Recovery guarantees stable operation of PoE devices by automatically rebooting the dropped or unresponsive PD devices.
- Easy to use, with no configuration and installation needed.

Product Pictures

440 mm

180 mm

44 mm

Bottons for Extend/Priority /Isolation/Recovery Mode

16× PoE+ 10/100 Mbps RJ45 Ports

2× 10/100/1000 Mbps RJ45 Ports

2× Combo Gigabit SFP Slots

Specifications

Model	TL-SL1218MP V5.20
Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.3x, IEEE 802.3at, IEEE 802.3af
Interface	• 16× PoE+ 10/100 Mbps RJ45 Ports • 2× 10/100/1000 Mbps RJ45 Ports • 2× Combo Gigabit SFP Slots
Network Media	• 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) • 100BASE-TX: UTP category 5 or above cable (maximum 100m) • 1000BASE-T: UTP category 5e or above cable (maximum 100m) • 1000BASE-X MMF, SMF
Power Supply	100–240V AC, 50/60 Hz
PoE+ Ports (RJ45)	Standards: 802.3at/802.3af compliant PoE Ports: Port 1 – Port 16 PoE Power Budget: 250 W
Max Power Consumption	286.65 W
Max Heat Dissipation	974.61 BTU/h
Fan Quantity	2
Noise	Min: 38.8 dBA @50cm 25℃ Max: 45.0 dBA @50cm 25℃
Physical Security Lock	Yes
Transmission Method	Store-And-Forward
Switching Capacity	7.2 Gbps

Model	TL-SL1218MP V5.20
MAC Address Table	8K
Packet Forwarding Rate	5.36 Mpps
Jumbo Frame	10 KB
Advanced Features	• Compatible With IEEE 802.3at/af Compliant PDs • Extend Mode (Up to 250m PoE power supply and data transmission) • Priority Mode (Ports 1-8) • Isolation Mode (Ports 1-16) • PoE Auto Recovery (Ports 1-16) • Mac Address Auto-Learning And Auto-Aging • IEEE802.3x Flow Control
Dimensions (W x D x H)	17.3 × 7.1 × 1.7 in (440 × 180 × 44 mm)
Certification	FCC, CE, RoHS
Package Contents	Switch, Power Cable, Installation Guide, 2 Mounting Brackets, Fittings
Environment	• Operating Temperature: 0–50 °C (32–122 °F) • Storage Temperature: -40–70 °C (-40–158 °F) • Operating Humidity: 10–90% RH non-condensing • Storage Humidity: 5–90% RH non-condensing