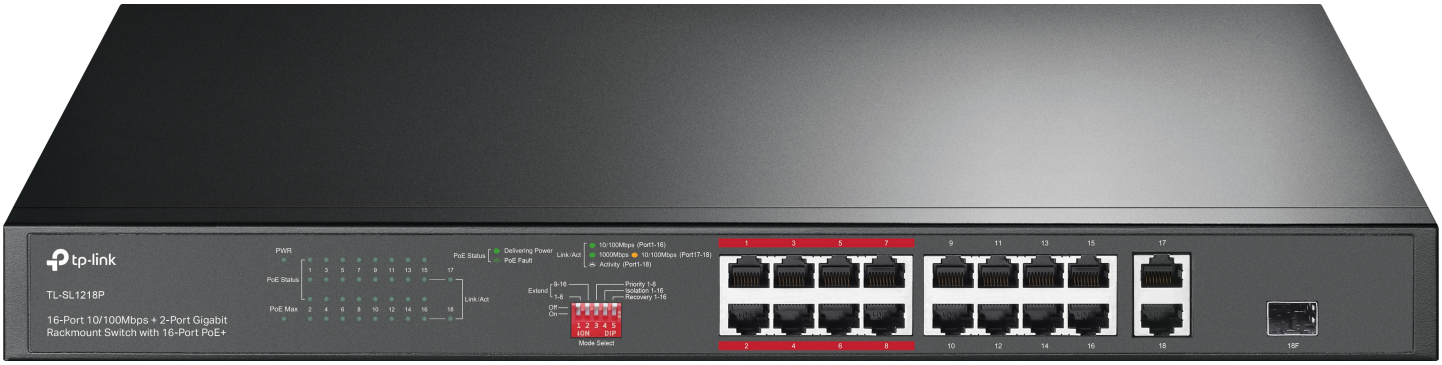
Unmanaged Switch | Datasheet

TL-SL1218P V4.20

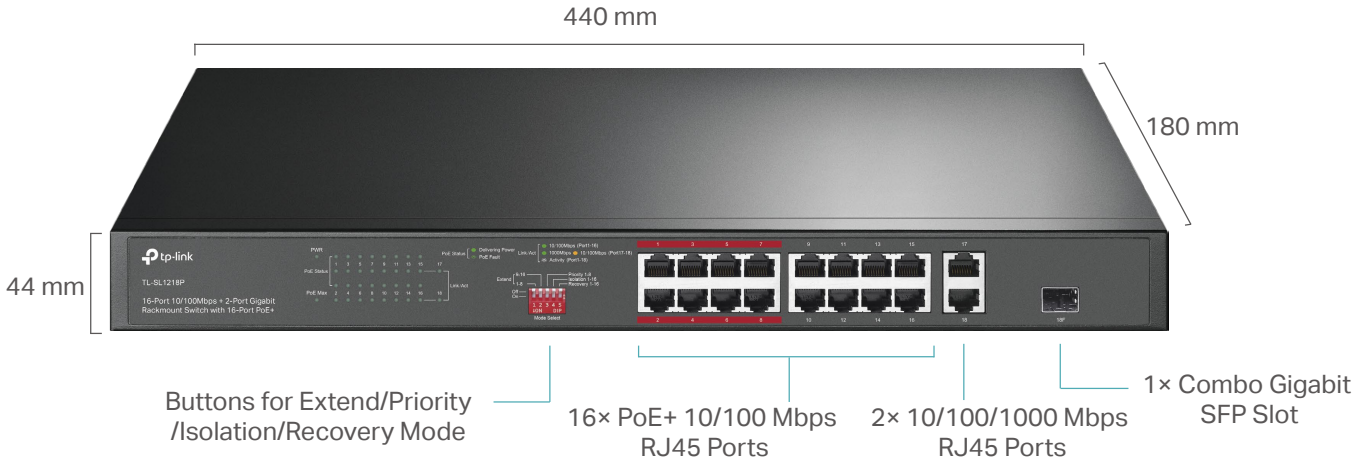
16-Port 10/100 Mbps + 2-Port Gigabit Rackmount Switch with 16-Port PoE+



Highlights

- 16× PoE+ 10/100 Mbps RJ45 ports, 2× Gigabit RJ45 ports, and 1× combo Gigabit SFP slot.
- High PoE power budget with up to 30 W for each PoE port and 150 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



Specifications

Model	TL-SL1218P V4.20
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 • 1× Combo Gigabit SFP Slot
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: 150 W
Max Power Consumption	173.34 W
Max Heat Dissipation	589.36 BTU/h
Fan Quantity	2
Noise	35.6 dBA @50cm 25°C
Physical Security Lock	Yes
Transmission Method	Store-And-Forward
Switching Capacity	7.2 Gbps
MAC Address Table	8K

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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
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

Disclaimers

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 10 Mbps. Actual transmission distance may vary from the quality of the cables.

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