LiteWave PoE Switch | Datasheet

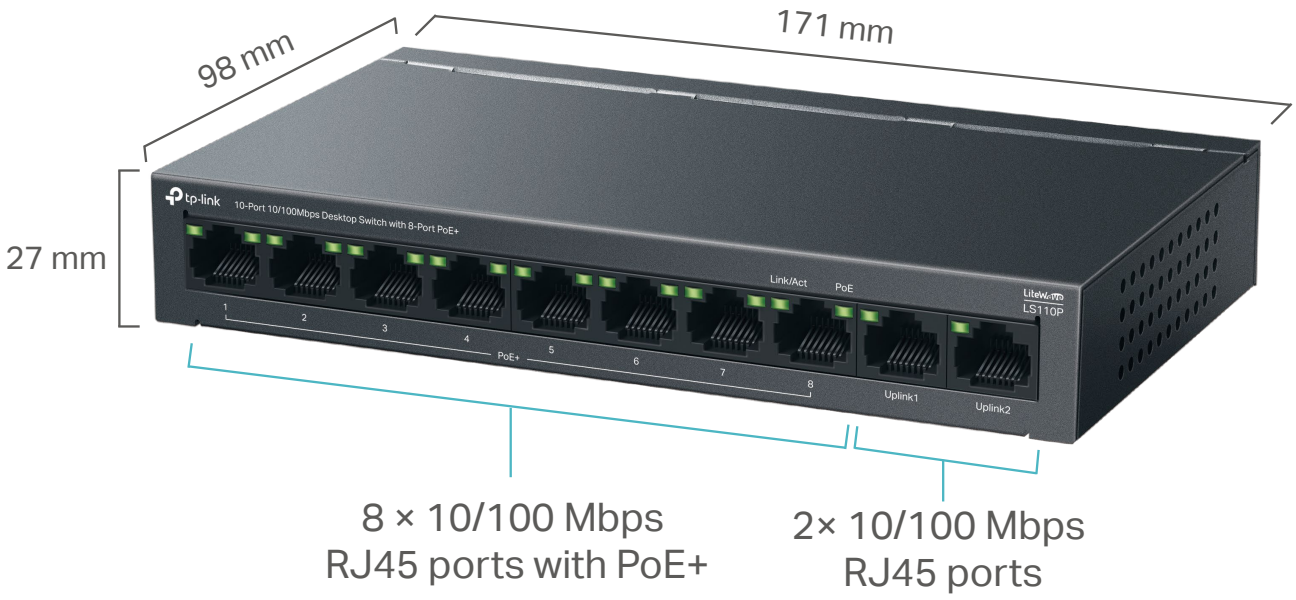
LS110P

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

Highlights

- 8× 10/100 Mbps PoE+ ports with up to 30 W PoE output per port*
- 2× 10/100 Mbps Non-PoE Ports
- 96 W total PoE budget*
- Up to 250 m (820ft) data and power transmitting range under Extend Mode**
- 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
- Simply plug and play for instant connectivity with no configuration required
- Fanless design reduces power consumption and ensures silent operation, ideal for noise-sensitive homes or businesses
- Desktop / Wall-mounting

Product Pictures



Specifications

Model	LS110P
Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Interface	• 10*10/100 Mbps RJ45 Ports with 8 PoE+ Ports (Port 1 to Port 8) • AUTO Negotiation/AUTO MDI/MDIX
Network Media (Cable)	• 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) • 100BASE-TX: UTP category 5 or above cable (maximum 100m)
Max Power Consumption	99.6 W
Max Heat Dissipation	338.64 BTU/h
PoE Ports (RJ45)	Standard: 802.3 af/at compliant PoE Ports: Port 1- Port 8 Power Supply: 96 W
Transmission Method	Store-And-Forward
Packet Forwarding Rate	1.488 Mpps
Switch Capacity	2 Gbps
MAC Address Table	2K
Packet Buffer Capacity	768 Kb
Jumbo Frame	2 KB
Extend Mode	For Ports 1-8
Isolation Mode	For Ports 1-8
Recovery Mode	For Ports 1-8

Model	LS110P
Priority Ports	Ports 1-2 (Enabled by default)
Fan Quantity	Fanless
External Power Supply	External Power Adapter (Power Input: 220~240V, 50/60Hz (NV), Output: 53.5 VDC / 1.92 A)
LED	Power, Link/Act, PoE Status
Dimensions (W x D x H)	6.7×3.9×1.1 in (171×98×27 mm)
Certification	CE
Package Contents	Switch, Power Adapter, Rubber Feet, Installation Guide
MTBF	323738h @ 25°C
Operating Temperature	0°C to 40 °C (32 °F to 104°F)
Storage Temperature	-40 °C to 70 °C (-40 °F to 158°F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 90% non-condensing

Disclaimers
*PoE budget calculations are based on laboratory testing. The actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.
**The speed of the ports in extend mode will downgrade to 10 Mbps. The actual transmission distance may vary due to the power consumption of PoE-powered devices or the cable quality and type.

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