



LiteWave PoE Switch | Datasheet

LS105LP V2

5-Port 10/100Mbps Desktop Switch with 4-Port PoE+



Highlights

- 4× 10/100 Mbps PoE+ ports with up to 30 W PoE output per port*
- 41 W total PoE budget*
- Up to 250m data and power transmitting range under Extend Mode**
- Automatically reboots your dropped or unresponsive PoE-powered 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



4 × 10/100 Mbps
RJ45 ports with PoE+

1 × 10/100 Mbps
RJ45 port



Button for
Extend Mode

Button for PoE
Auto Recovery

Specifications

Model	LS105LP V2
Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at
Interface	<ul style="list-style-type: none"> • 5 × 10/100 Mbps RJ45 Ports with 4 PoE+ Ports (Port 1 to Port 4) • AUTO Negotiation/AUTO MDI/MDIX
Network Media (Cable)	<ul style="list-style-type: none"> • 10BASE-T: UTP category 3, 4, 5 cable (maximum 100m) • 100BASE-TX: UTP category 5 or above cable (maximum 100m)
Max Power Consumption	46.63 W
Max Heat Dissipation	158.54 BTU/h
PoE Ports (RJ45)	Standard: 802.3 af/at compliant PoE Ports: Port 1 - Port 4 Power Supply: 41 W
Transmission Method	Store-And-Forward
Packet Forwarding Rate	0.744 Mpps
Switch Capacity	1 Gbps
MAC Address Table	2K
Packet Buffer Capacity	768 Kbit
Jumbo Frame	2 KB

Model	LS105LP V2
Extend Mode	For Ports 1-4
PoE Auto Recovery	For Ports 1-4
Fan Quantity	Fanless
External Power Supply	External Power Adapter (Output: 53.5 VDC / 0.81 A)
LED	Power, Link/Act, PoE Status, PoE Max
Dimensions (W x D x H)	3.9×3.9×1.0 in (100×98×25 mm)
Certification	FCC, CE, RoHS
Package Contents	Switch, Power Adapter, Installation Guide
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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