

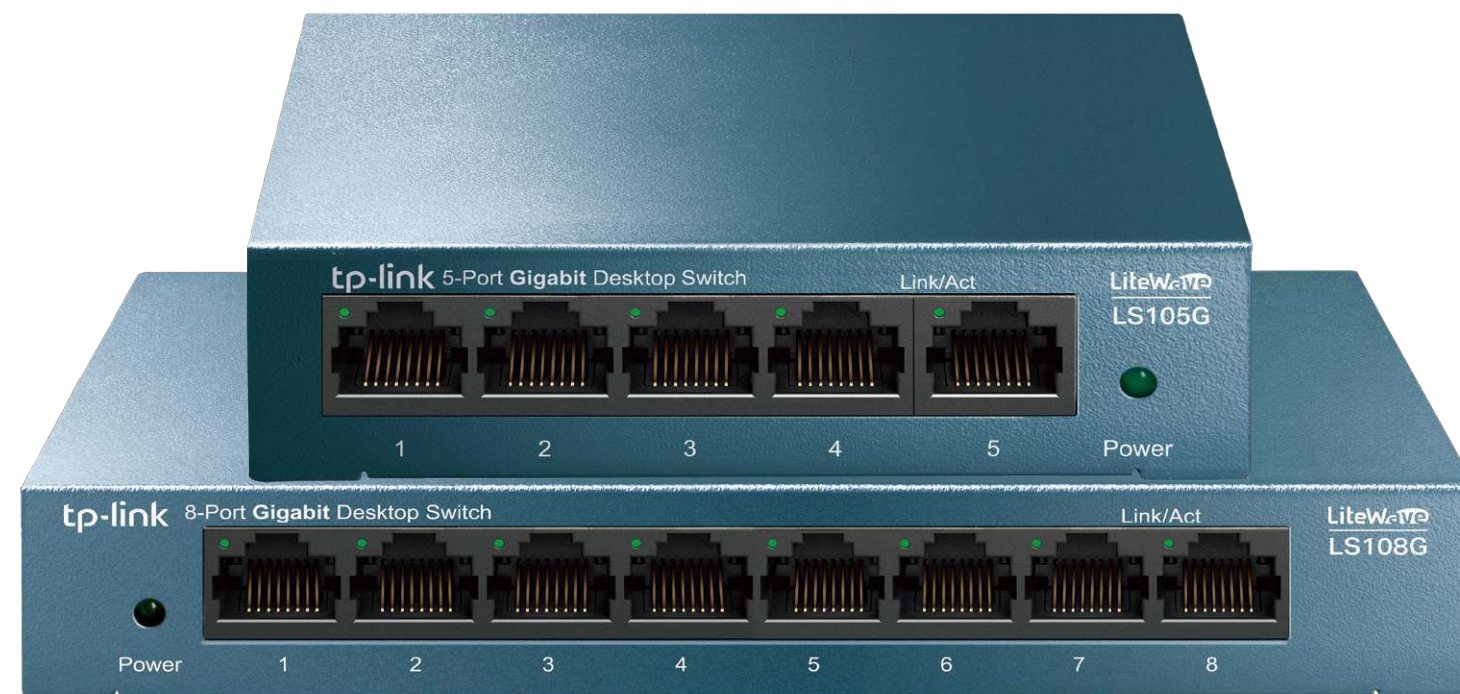


Home/Office Ethernet Switches

Datasheet

LiteWave Series

Ideal for
Basic
Networks



LS105G/LS108G



LS1005G/LS1008G

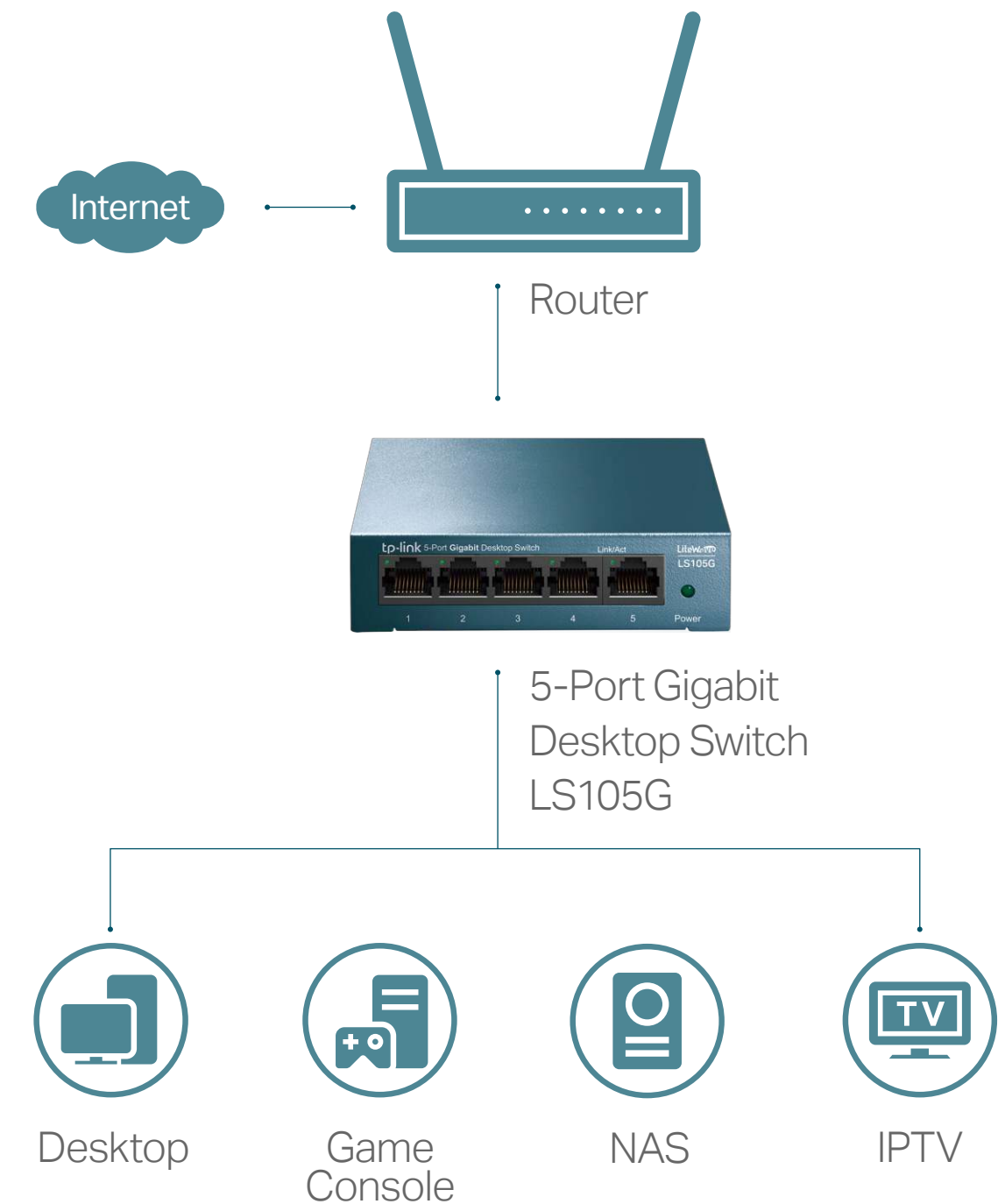
Overview

The TP-Link LiteWave Series Unmanaged Switches provide easy and affordable way to expand your wired network. They are easy to use and reliable. With these plug-and-play switches, you can expand your network connections to multiple devices instantly. With all ports support Auto-MDI/MDIX, there's no need to worry about the type of cable to use. Moreover The LiteWave Series also supports energy-efficient technology, helping you save power and money.

Highlights

- Plug and play, no configuration needed
- 10/100/1000Mbps Auto-Negotiation RJ45 port supporting Auto-MDI/MDIX
- Green Ethernet technology saves power
- IEEE 802.3x flow control provides reliable data transfer
- Compact design, desktop or wall-mounting design
- Fanless design ensures quiet operation
- Support 802.1p/DSCP QoS function (only for LS105G/LS108G)

Network Diagram (LS105G is used for demonstration)



Specifications

Product Pictures				
Model	LS105G	LS108G	LS1005G	LS1008G
Standards	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.1p		IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x	
Forwarding Mode	Store and forward			
Interface	5 10/100/1000Mbps RJ45 ports	8 10/100/1000Mbps RJ45 ports	5 10/100/1000Mbps RJ45 ports	8 10/100/1000Mbps RJ45 ports
Shell material	Metal	Metal	Plastic	Plastic
CONNECTOR TYPE	Plastic	Plastic	Plastic	Plastic
Switching Capacity	10Gbps	16Gbps	10Gbps	16Gbps
MAC Address Table	2K	4K	2K	4K
Packet Forwarding Rate	7.4Mpps	11.9Mpps	7.4Mpps	11.9Mpps
Jumbo Frame	16KB			
Advanced Features	Green Technology; 802.3x Flow Control; 802.1p/DSCP QoS		Green Technology; 802.3x Flow Control	
Max Power Consumption	2.776W	3.7W	3.7W	3.9W
Max Heat Dissipation	9.466 BTU/h	12.617 BTU/h	12.617 BTU/h	13.299 BTU/h
LEDs	Power, Link/Act (indicator per port built into RJ45 port)			
Power Supply (External Adapter)	5V/0.6A	9V/0.6A	5V/0.6A	9V/0.6A
Dimensions (W × D × H)	3.9*3.9*1.0 in. (99.8 x 98 x 25 mm)	6.2 x 3.9 x 1.0 in. (158 x 99.1x 25 mm)	3.54*2.83*0.91 in. (90 x 72 x 23 mm)	5 x 2.62 x 0.91 in. (127 x 66.5 x 23 mm)
Certifications	CE, FCC, RoHS			
Environment	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%~95%RH, non-condensing			