

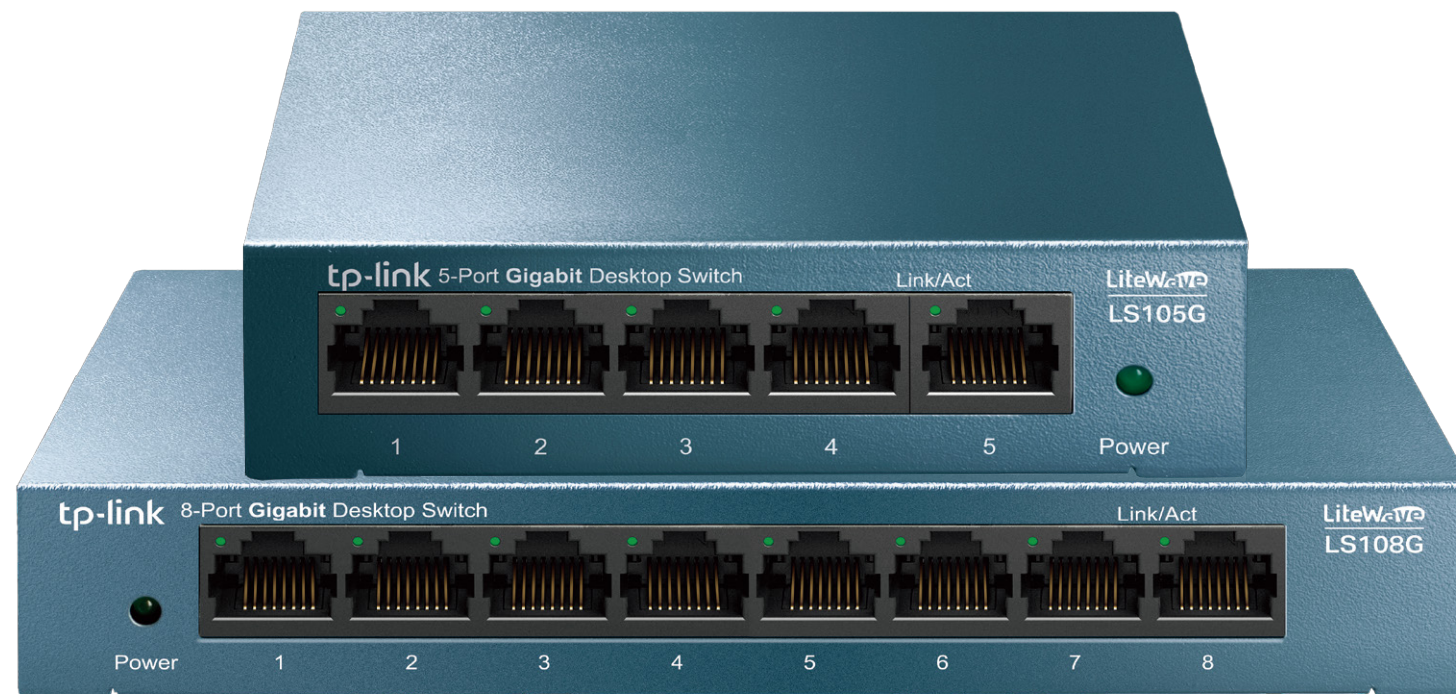


Home/Office Ethernet Switches

Datasheet

LiteWave Series

Ideal for  
**Basic**  
Networks



LS105G/LS108G



LS1005G/LS1008G

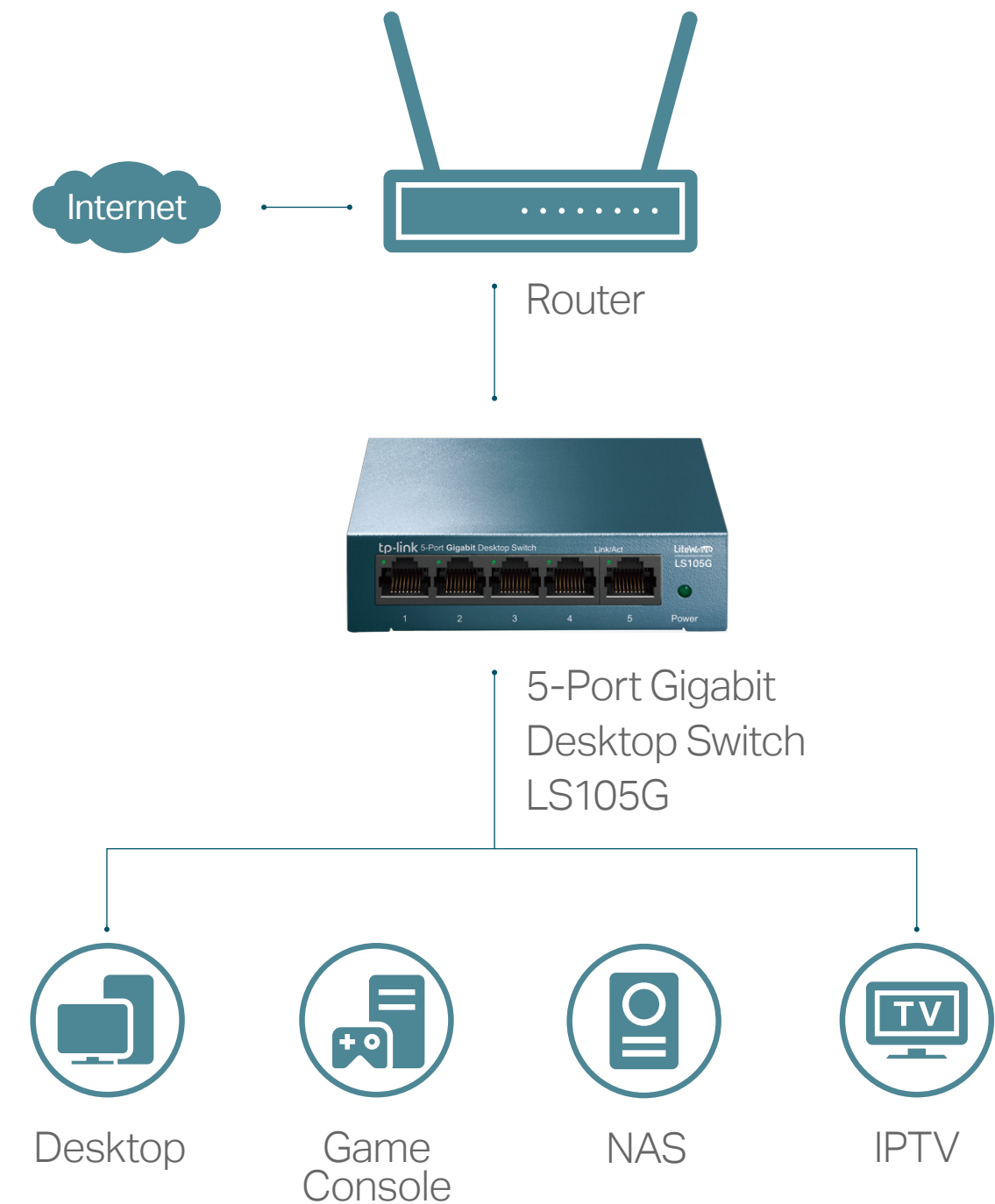
# Overview

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;<br>802.3x Flow Control;<br>802.1p/DSCP QoS   |   | Green Technology;<br>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)<br>Storage Temperature: -40°C~70°C (-40°F~158°F)<br>Operating Humidity: 10% ~ 90%RH, non-condensing<br>Storage Humidity: 5%~95%RH, non-condensing |   |   |   |

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