

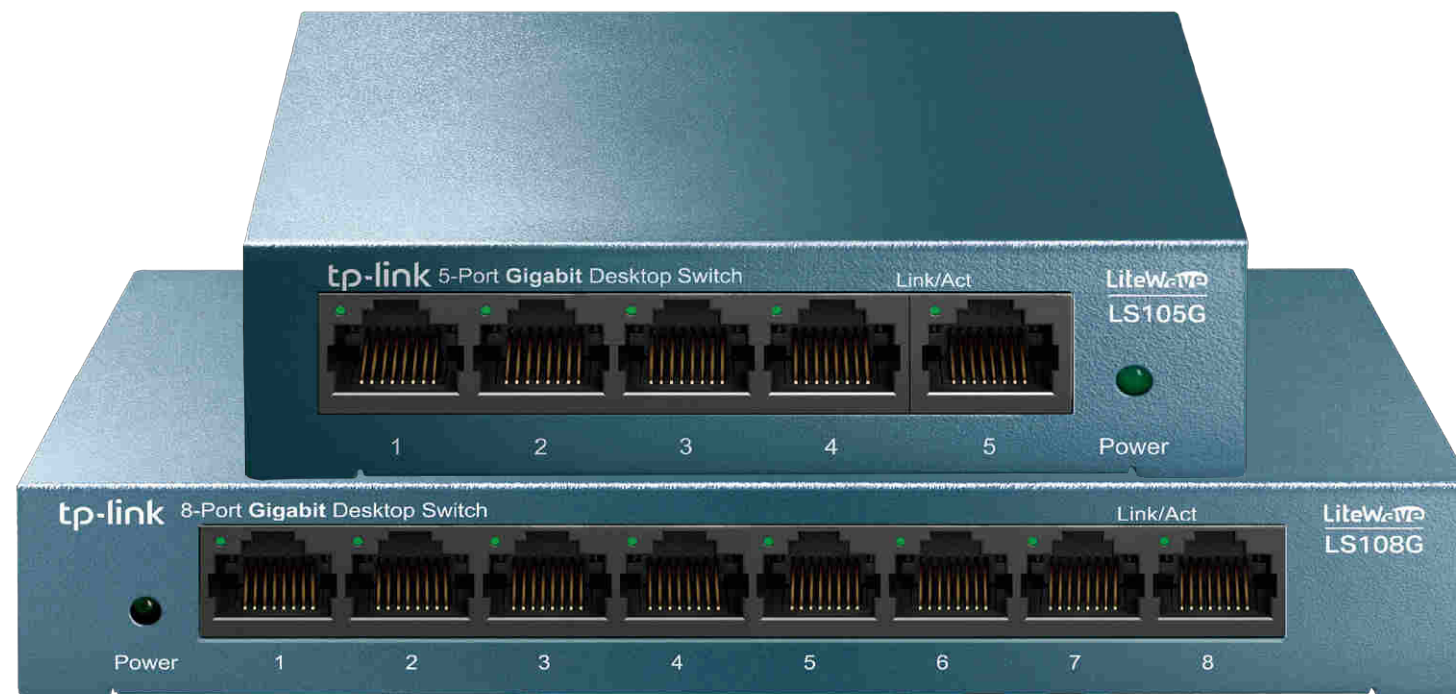


Home/Office Ethernet Switches

Datasheet

LiteWave Series

Ideal for
Basic
Networks



LS105G/LS108G



LS1005G/LS1008G

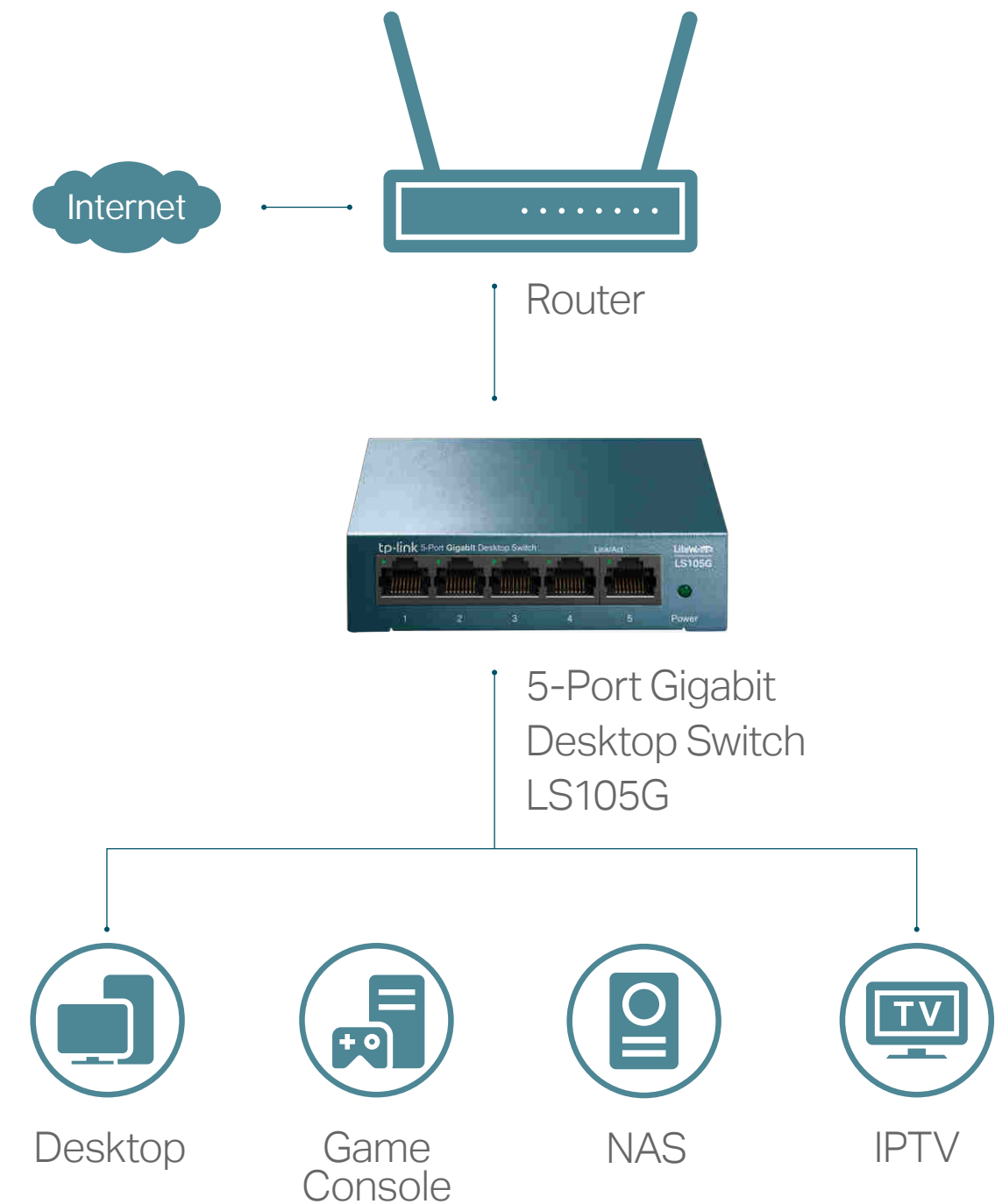
Overview

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 | | | |

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