

# Installation Guide

5/8-Port Gigabit Desktop Switch

LiteWATP LS1005G/LS1008G

### LED Explanation

### Power

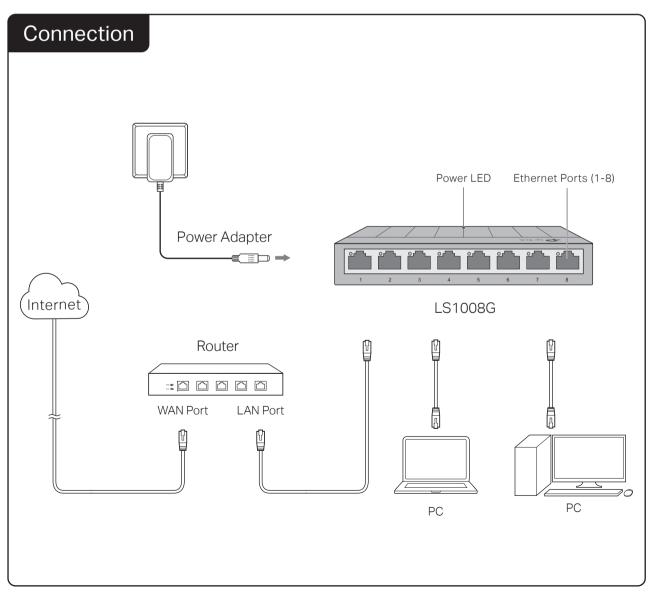
On: Power onPowerOff: Power off

### Link/Act



Link/Act (Green) On: Running at 10/100/1000Mbps Off: No device is linked to the corresponding port Flashing: Transmitting/receiving data

Note: For simplicity, we will take LS1008G for example throughout this Guide.



## Frequently Asked Questions (FAQ)

### Q1. The Power LED is not lit.

The Power LED should be lit when the power system is working normally. If the Power LED is not lit, check as follows:

- A1: Make sure the power adapter is connected to the switch with power source properly.
- A2: Make sure the voltage of the power supply meets the requirements of the input voltage of the switch.
- A3: Make sure the power source is ON.

### **Specifications**

#### **General Specifications**

IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3x
CSMA/CD
Ethernet: 10Mbps (Half Duplex), 20Mbps (Full Duplex)
Fast Ethernet: 100Mbps (Half Duplex), 200Mbps (Full Duplex)
Gigabit Ethernet: 2000Mbps (Full Duplex)
10Base-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
100Base-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
1000Base-T: UTP category 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
5/8 10/100/1000Mbps Auto-Negotiation RJ45 Ports
Power, Link/Act LED
Store-and-Forward
Automatically learning, automatically aging
10Base-T: 14881pps/Port
100Base-TX: 148810pps/Port
1000Base-T: 1488095pps/Port
Yes
LS1005G: 38mm LS1008G: 48mm

#### **Environmental and Physical Specifications**

Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	10% to 90%RH non-condensing
Storage Humidity	5% to 90%RH non-condensing

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### Q2. The Link/Act LED is not lit when a device is connected to the corresponding port.

- It is recommended that you check the following items:
- A1: Make sure that the cable connectors are firmly plugged into the switch and the device.
- A2: Make sure the connected device is turned on and works normally.
- A3: The cable must be less than 100 meters long (328 feet).

#### Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Adapter shall be installed near the equipment and shall be easily accessible. Place the device with its bottom surface downward.

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2009/125/EC 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at https://www.tp-link.com/en/ce