

# Installation Guide

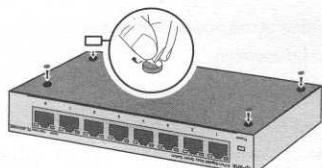
5/8/16-Port Gigabit Easy Smart Switch

Note: For simplicity, we will take TL-SG108E for example throughout this Guide.

## Installation

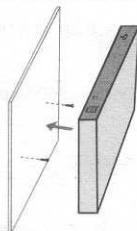
### Desktop:

Attach the supplied feet to the bottom of the switch to prevent it from slipping when placed on a desktop.



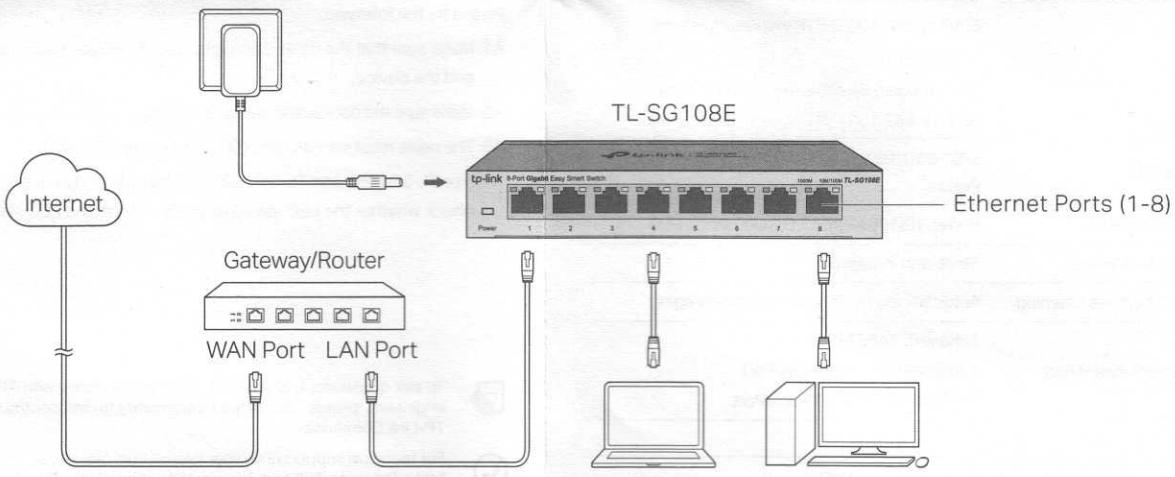
### Wall-mounting:

Drill two holes on the wall according to the mounting holes on the bottom of the switch, then secure the switch to the wall with two suitable screws (not provided).



Note: For detailed information, please refer to the Wall Mounting Guide on the device's support page.

## Connection



## Configuration

The switch is plug and play. To configure the switch, you can use the Web-based GUI or the configuration utility. The utility is only supported on Windows now.

### Using the Web-based GUI

- Find out the IP address of the switch.
  - By default, the switch receives an IP address from a DHCP server (or a router that functions as a DHCP server) in your network. You can find out this IP address on the DHCP server.
  - If the switch cannot receive an IP address from a DHCP server, it uses the static IP address of 192.168.0.1, with a subnet mask of 255.255.255.0.
- Configure IP address on your PC to make sure the switch and PC are in the same subnet.
  - If the switch uses an IP address assigned by a DHCP server, set your PC to obtain an IP address automatically from the DHCP server.
  - If the switch uses 192.168.0.1 as the IP address, configure your PC's IP address as 192.168.0.x ("x" ranges from 2 to 254), and subnet mask as 255.255.255.0.

- Launch a web browser on your PC, enter the IP address of the switch in the address bar and press **Enter**. Log in with **admin** as both user name and password.

Now you can configure the switch using the Web-based GUI. For further information, refer to the **User Guide**.

Go to <https://www.tp-link.com/support>, search the model number of your switch, and you can find this guide on the product **Support** web page.

**Note:** If the switch gets a new IP address from the DHCP server, your connection to the switch will be lost. Enter the new IP address in your browser to access the switch again.

## LED Explanation

### Power

 On: Power on  
Off: Power off

### Link/Act

 1000 Mbps (Green)  
On: Running at 1000 Mbps  
Flashing: Transmitting/receiving data

10/100 Mbps (Yellow)  
On: Running at 10/100 Mbps  
Flashing: Transmitting/receiving data

## Using the Configuration Utility

1. Go to <https://www.tp-link.com/support> and search the model number of your switch. Download the **Easy Smart Configuration Utility** from the product **Support** web page on your PC.

2. Decompress the downloaded file, run the installation wizard and follow the prompts to install the **Easy Smart Configuration Utility**.



3. Double click the icon on the desktop, and the utility Home page will display a list of TP-Link switches on the local network.

4. Click to find out IP parameters of the switch.

- If the switch uses an IP address assigned by a DHCP server, set your PC to obtain an IP address automatically from the DHCP server.
- If the switch uses 192.168.0.1 as the IP address, configure your PC's IP address as 192.168.0.x ("x" ranges from 2 to 254), and subnet mask as 255.255.255.0.



5. Double click the switch that you want to configure. Log in with **admin** as both user name and password.

Now you can configure the switch using the configuration utility. For further information, refer to the **Easy Smart Configuration Utility User Guide**.

Go to <https://www.tp-link.com/support>, search the model number of your switch, and you can find this guide on the product **Support** web page.

## Specifications

### General Specifications

Standard	IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.1p, IEEE802.1q
Protocol	CSMA/CD
Data Transfer Rate	Ethernet: 10 Mbps (Half Duplex), 20 Mbps (Full Duplex) Fast Ethernet: 100 Mbps (Half Duplex), 200 Mbps (Full Duplex) Gigabit Ethernet: 2000 Mbps (Full Duplex)
Network Media (Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100 m) EIA/TIA-568 100 Ω STP (maximum 100 m) 100Base-TX: UTP category 5, 5e cable (maximum 100 m) EIA/TIA-568 100 Ω STP (maximum 100 m)
Interface	5/8/16 10/100/1000 Mbps Auto-Negotiation RJ45 Ports
LED indicators	Power, 10/100 Mbps LED, 1000 Mbps LED
Transfer Method	Store-and-Forward
MAC Address Learning	Automatically learning, automatically aging
Frame Forward Rate	10Base-T: 14881 pps/Port 100Base-TX: 148810 pps/Port 1000Base-T: 1488095 pps/Port
Wall Mountable	Yes
Distance Between Mounting Holes	TL-SG105E: 52 mm TL-SG108E: 110 mm TL-SG116E: 204.8 mm

### 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.
- Use only power supplies which are provided by manufacturer and in the original packing of this product. If you have any questions, please don't hesitate to contact us.



### EU declaration of conformity

For TL-SG108E:

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/support/ce/>

For other models:

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, 2011/65/EU and (EU)2015/863. The original EU declaration of conformity may be found at <https://www.tp-link.com/en/support/ce/>

### UK declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016. The original UK declaration of conformity may be found at

