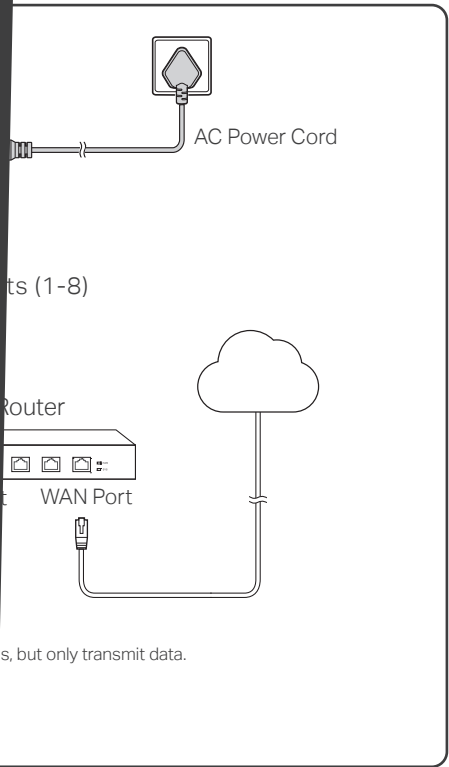
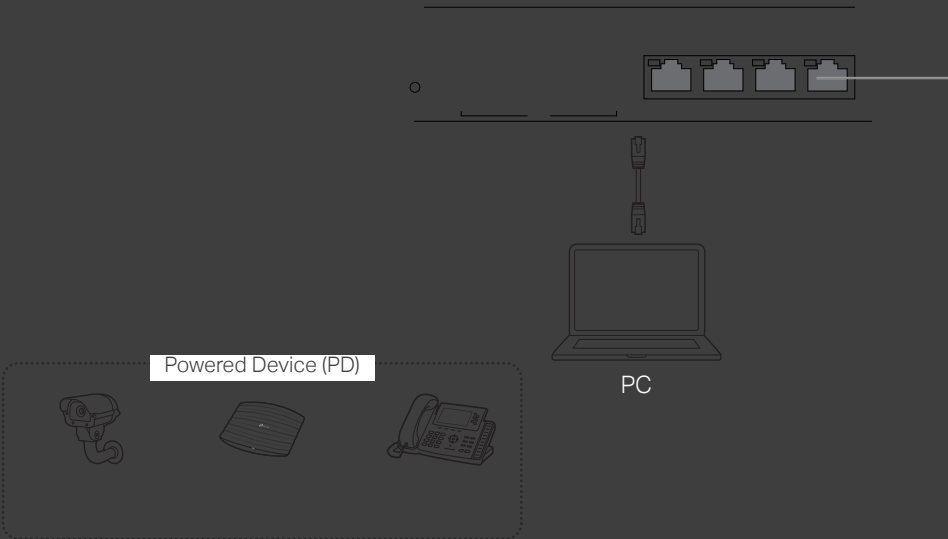


Power
On:
Flashing: PoE fault
Off: Not providing PoE power
Link/Act; Uplink1, Uplink 2
Green On:
Green Flashing:
Yellow On:
Yellow Flashing:
Off:

PoE Status
On: Providing PoE power
Flashing: PoE fault
Off: Not providing PoE power
PoE MAX
For TL-SG105PE: On: $58W \leq \text{Total power supply} < 65W$ Flashing: Total power supply $\geq 65W$ Off: Total power supply $< 58W$
For TL-SG105MPE: On: $113W \leq \text{Total power supply} < 120W$ Flashing: Total power supply $\geq 120W$ Off: Total power supply $< 113W$
For TL-SG108PE: On: $57W \leq \text{Total power supply} < 64W$ Flashing: Total power supply $\geq 64W$ Off: Total power supply $< 57W$
For TL-SG1210MPE: On: $116W \leq \text{Total power supply} < 123W$ Flashing: Total power supply $\geq 123W$ Off: Total power supply $< 116W$

Note: For simplicity, we will take TL-SG108PE for example throughout this Guide.

Cor



Configuration

Using the Configuration Utility

support and search the model number of your Smart Configuration Utility from the product

run the prompts to install

desktop, and the list of TP-Link

of the switch. assigned by a to obtain an IP the DHCP server. as the IP address, as 192.168.0.x and subnet mask as

want to configure. Log in with admin as both

h using the configuration utility. For further



Specifications

General Specifications

Standard	IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3af, IEEE 802.3at, IEEE802.3x, IEEE802.1p, IEEE802.1q For TL-SG1210MPE: IEEE802.3z
Interface	For TL-SG105PE/TL-SG105MPE/TL-SG108PE: 5/8 10/100/1000 Mbps RJ45 Ports Auto-Negotiation, Auto MDI/MDIX; PoE Ports: Port 1– Port 4 For TL-SG1210MPE: 10 10/100/1000 Mbps RJ45 Ports Auto-Negotiation, Auto MDI/MDIX; 1 1000 Mbps SFP port (Combo); PoE Ports: Port 1-Port 8
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) 100BASE-FX/LX10/BX10: MMF, SMF (Only for TL-SG1210MPE) 1000Base-T: UTP category 5e cable or above (maximum 100 m) EIA/TIA-568 100 Ω STP (maximum 100 m) 1000BASE-SX/LX/LX10/BX10: MMF, SMF (Only for TL-SG1210MPE)
Power Supply	External Power Adapter Input: 100-240 V AC, 50/60 Hz Output: 53.5 V DC/2.43 A (For TL-SG1210MPE) 53.5 V DC/1.31 A (For TL-SG105PE/TL-SG108PE) 53.5 V DC/2.43 A (For TL-SG105MPE)
PoE Budget	TL-SG105PE: 65 W TL-SG105MPE: 120W TL-SG108PE: 64 W TL-SG1210MPE: 123W
Switching Capacity	TL-SG105PE/TL-SG105MPE: 10 Gbps TL-SG108PE: 16 Gbps TL-SG1210MPE: 20 Gbps
MAC Address Table	TL-SG105PE/TL-SG105MPE: 2K, automatically learning, automatically aging TL-SG108PE/TL-SG1210MPE: 4K, automatically learning, automatically aging
Wall Mountable	Yes
Distance Between Mounting Holes	TL-SG105PE/TL-SG105MPE: 39 mm TL-SG108PE: 94 mm TL-SG1210MPE: 150 mm

Frequently Asked Questions (FAQ)

Q1. Why is the Power LED not lit?

The Power LED should be lit when the power system is working normally. If the Power LED is not lit, please try the following:

- 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.
- A4: On the LED On/Off configuration page, check whether the LED status is on. By default, the LED status is on.

Q2. Why is the Link/Act LED not lit while a device is connected to the corresponding port?

Please try the following:

- 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). If Extend Mode is enabled, it should be less than 250 meters (820 feet).
- A4: On the LED On/Off configuration page, check whether the LED status is on. By default, the LED status is on.

Q3. Why is PoE/PoE+ Port not supplying power for PoE devices?

When the total power consumption of connected PoE devices exceeds the maximum, the PoE port with a smaller port number has higher priority. The system will cut off power to the ports with larger port numbers to ensure supplying to other ports. Take TL-SG108PE as an example. Port 1, 2 and 4 are consuming 15.4 W respectively. If an additional PoE device with 18 W is inserted to port 3, the system will cut off the power of port 4 to compensate for the overload.

 To ask questions, find answers, and communicate with TP-Link users or engineers, please visit <https://community.tp-link.com/business> to join TP-Link Community.

 For technical support and other information, please visit <https://www.tp-link.com/support/?type=smb>, or simply scan the QR code.



EU declaration of conformity

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 <https://www.tp-link.com/support/ukca/>

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.
- Place the device with its bottom surface downward.
- 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.
- The plug on the power supply cord is used as the disconnect device, the socket-outlet shall be easily accessible.
- The socket-outlet shall be installed near the equipment and shall be easily accessible.