tp-link

Installation Guide

8-Port 10/100Mbps Desktop Switch with 4-Port PoE

TL-SF1008P

LED Explanation

PoE MAX
○ PoE MAX

On: 50W ≤ Total power supply < 57W
Flashing: Total power supply = 57W
Off: Total power supply < 50W

Power
○ Power

On: Power on
Off: Power off

PoE Status (port 1-4)
○ PoE Status

On: PoE power provided
Flashing: PoE fault
Off: No PoE power provided

Link/Act (port 1-8)
○ Link/Act

On: Link present but no activity
Flashing: Transmitting/receiving data
Off: No link

Connection

1. Application

Ethernet Ports (1-8)

PoE

48V 1.25A

PoE

PoE Ports (1-4)

4 3 2 1

Internet

PC

PoE Devices

IP Camera   AP   IP Phone

Note:

1. PoE ports can also connect to non-PoE devices, but only transmit data.
2. Maximum PoE power is 15.4W for each PoE port and 57W for all PoE ports.

2. Plug and Play

DC Power Adapter

AC Power Cord

① ② ③
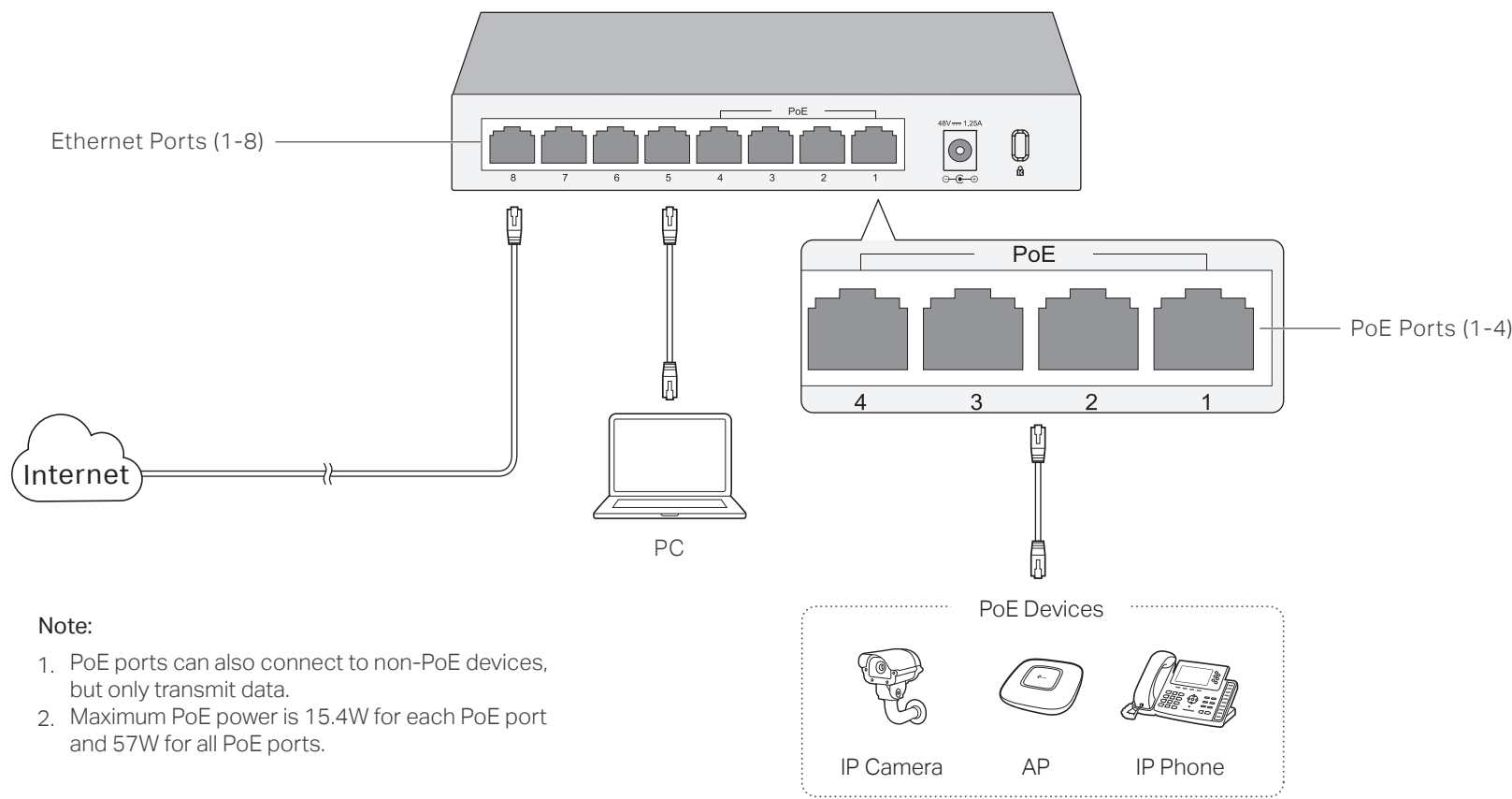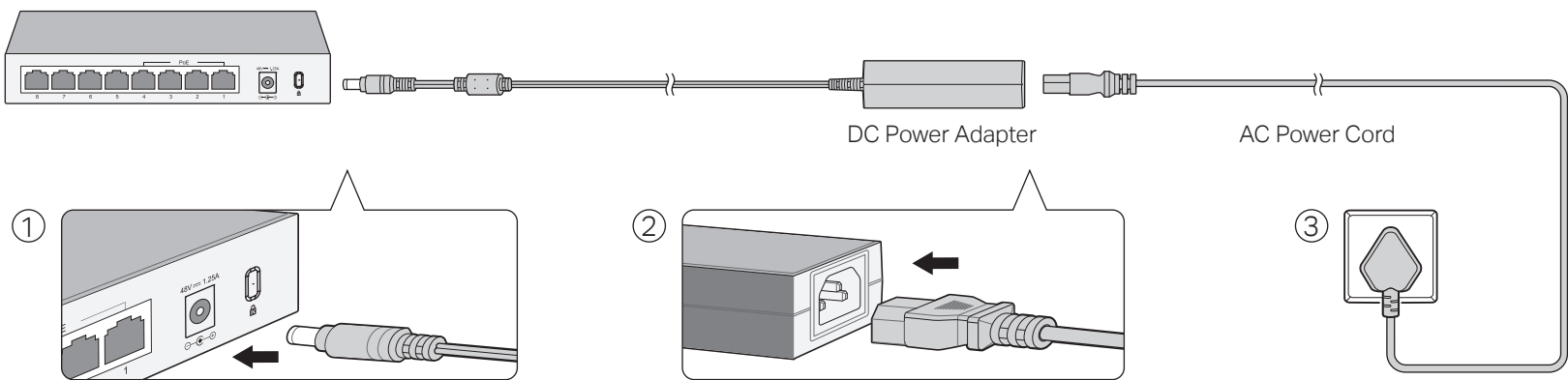
Frequently Asked Questions (FAQ)

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, please check as follows:

A1: Make sure the AC power cord is connected 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.

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 working well.

A3: The cable must be less than 100 meters long (328 feet).

Q3. Why is port 4 not supplying power for PoE devices?

If connected PoE device's total power consumption exceeds 57W, the system will cut off the power to port 4. For example, port 1, 2 and 4 are consuming 15.4W respectively, if an additional PoE device with 12W is inserted to port 3, the system will cut off the power of port 4 to compensate for the overload.

For technical support and other information, please visit
http://www.tp-link.com/support

Specifications

General Specifications

Standard	IEEE802.3i, 802.3u, 802.3x, 802.3af
Protocol	CSMA/CD
Interface	8 10/100Mbps RJ45 Ports Auto-Negotiation/Auto MDI/MDIX
Network Media (Cable)	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)
PoE Ports (RJ45)	PoE Ports: Port1- Port4 Total Power Supply: 57W
Backbone Bandwidth	1.6Gbps
MAC Address Table	2K
Transfer Method	Store-and-Forward
Power Supply	External Power Adapter (Input 100-240VAC, 50/60Hz Output: 48VDC /1.25A)
Consumption	2.3 watts (max. no PoE device connected) 59.3 watts (max. with 57w PoE device connected)
Fan Quantity	Fanless

Environmental and Physical Specifications

Certification	FCC, CE, RoHS
Operating Temperature	0˚C to 40˚C (32˚F to 104˚F)
Storage Temperature	-40˚C to 70˚C (-40˚F to 158˚F)
Operating Humidity	10% to 90% non-condensing
Storage Humidity	5% to 90% non-condensing