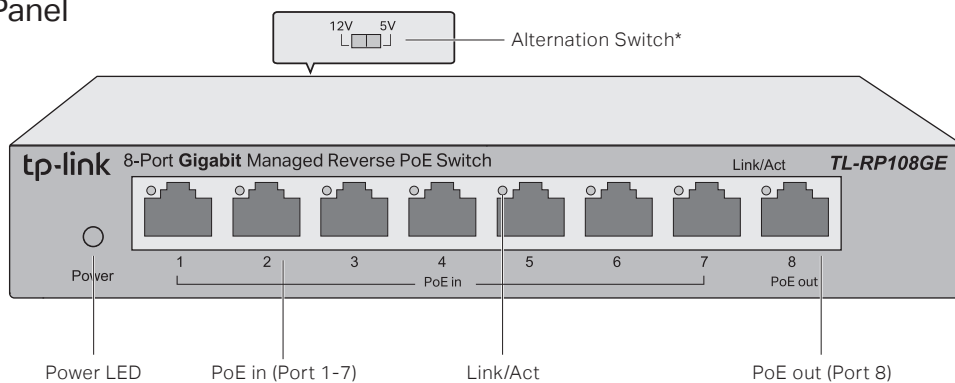


Installation Guide for TL-RP108GE

Panel



LED Explanation

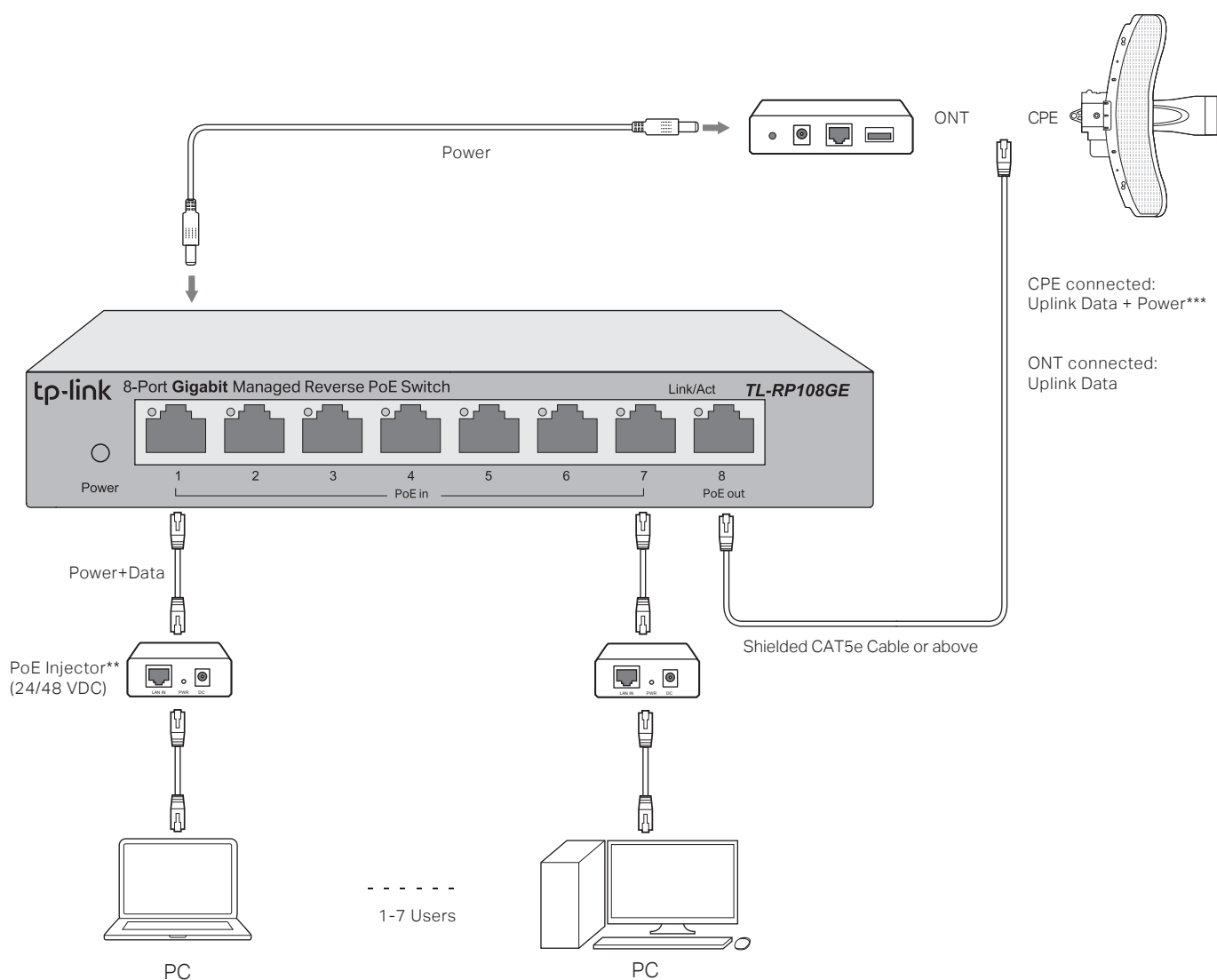
Power

- On: Power on
- Off: Power off or power supply is abnormal

Link/Act

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

Recommended Typology



* Use the alternation switch to change the voltage supply during use may damage the device.

** You are recommended to use PoE injectors with current-limiting protection.

*** The actual distance of power supply may vary depending on the use condition.

Package Content

The Reverse PoE Switch, Installation Guide, DC Out Plug (0.3 m)

Specifications

General Specifications

Standard	IEEE802.3, IEEE802.3i, IEEE802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.1p
Protocol	CSMA/CD
Interface	7 10/100/1000Mbps Auto-Negotiation PoE-in RJ45 Ports 1 10/100/1000Mbps Auto-Negotiation PoE-out RJ45 Port 1 DC Out
LED Indicators	Power, Link/Act LED
Transfer Method	Store-and-Forward
MAC Address Learning	Automatically learning, automatically aging
Frame Forward Rate	10Base-T: 14881pps/Port 100Base-TX: 148810pps/Port 1000Base-T: 1488095pps/Port
Wall Mountable	Yes
Distance Between Mounting Holes	65 mm

Environmental and Physical Specifications

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%RH non-condensing
Storage Humidity	5% to 90%RH non-condensing

Specifications of Each Interface

DC Out	Voltage: 5 V (ranging from 4.5 to 5.8 V)/1.4 A (maximum) 12 V (ranging from 11.2 V to 13.1 V)/1.2 A (maximum)
PoE-in Port	Voltage: 24 V/48 V (mixture of 24 V and 48 V is not supported) Current: 0.72 A (maximum) Power Pin of Ethernet cable: 45+/78-
PoE-out Port	Voltage: 24 V/48 V (depending on the input voltage of PoE-in ports) Current: 0.72 A (maximum) Power Pin of Ethernet cable: 45+/78-

Disclaimer

- Hot swapping may damage the device. When operating, hot swapping from port 1–7 may influence data transmission within a short period of time.
- When the input voltage of any PoE-in port is larger than 51 V, the reverse PoE switch and connected devices may be damaged.
When the input voltage of every PoE-in port is lower than 18 V, the reverse PoE switch may be unable to work properly.
When output voltage of PoE-out port is lower than 22 V, the connected device may be unable to work properly.
- When the input voltage of port 1-7 is 24 V (±5%), the output power of Port 8 and DC out is ≤ 10 W.
When the input voltage of port 1-7 is 48 V (±5%), the output power of Port 8 and DC out is ≤ 26 W.