

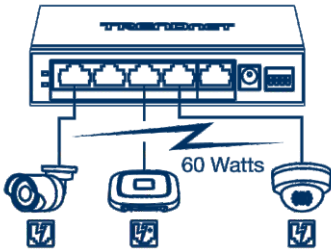


5-Port Gigabit PoE+ Switch

TPE-TG51g (v1.0R)

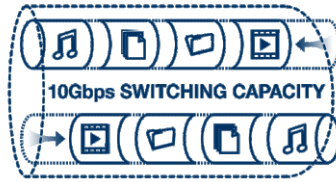
- 4 x Gigabit PoE+ ports
- 1 x Gigabit port
- 60W PoE power budget
- Extend PoE+ signal up to 200m (656 ft.) at 10Mbps
- DIP switch supports VLAN port isolation and QoS
- 10Gbps switching capacity
- Compact metal switch
- Wall mountable design
- Lifetime Warranty

TRENDnet's 5-Port Gigabit PoE+ Switch, model TPE-TG51g, delivers data and power over existing Ethernet cables to Power over Ethernet (PoE) devices, such as access points and IP cameras. This long-range PoE switch supports both PoE and PoE+ devices with a 60W PoE power budget. Enable the DIP switch to extend the PoE+ signal up to 200m (656 ft.) at 10Mbps for long distance PoE installations. Easily install this long-range PoE switch for reliable high-speed PoE networking.



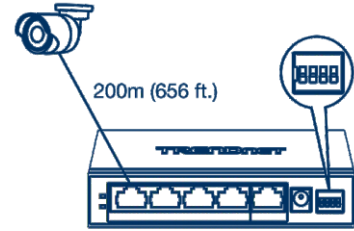
PoE+ Power

A 60W PoE power budget supplies up to four Power over Ethernet devices.



Gigabit Ethernet

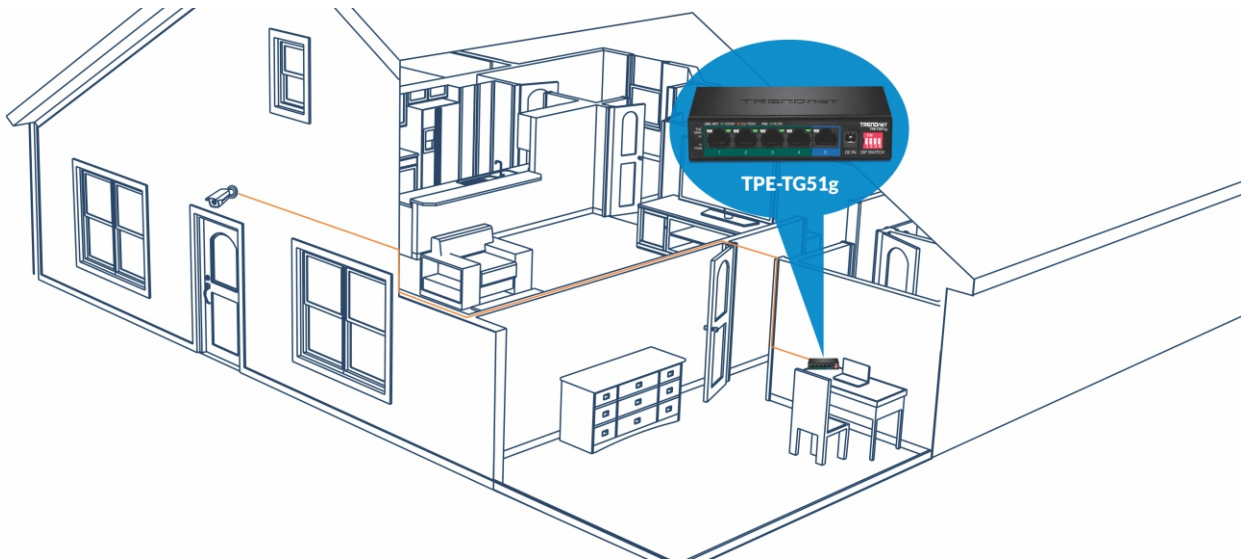
Five gigabit ports provide a 10Gbps switching capacity to support edge network installations.



Long Range PoE+ Switch

Enable the DIP switch to extend PoE+ signal up to 200m (656 ft.) at 10Mbps.

NETWORKING SOLUTION



FEATURES



PoE

Supports both PoE (802.3af) and PoE+ (802.3at) devices with a 60W PoE power budget



Ports

Four gigabit PoE+ ports and one gigabit port



Long Range PoE+

Extend PoE+ signal up to 200m (656ft.) on the long-distance PoE switch by enabling it through the DIP switch



Port Isolation

Ideal for surveillance networking applications, the DIP switch also enables port isolation on ports 1 – 4



Switching Capacity

10Gbps switching capacity



Jumbo Frame

Sends larger packets, or Jumbo Frames (up to 9KB), for increased performance



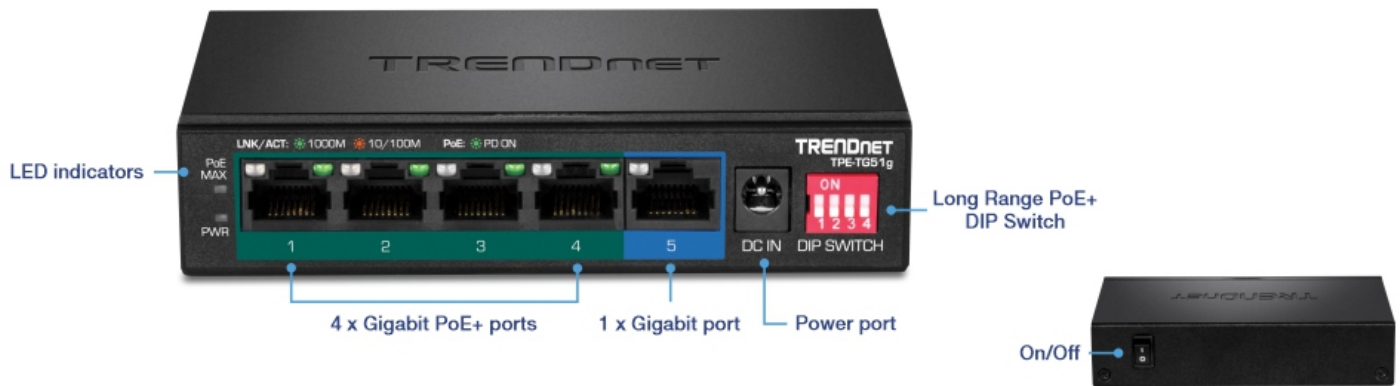
Housing

Wall mountable rugged metal housing



LED Indicators

LED indicators on the long-range PoE switch convey port status



SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3x
- IEEE 802.3p
- IEEE 802.3af
- IEEE 802.3at

Device Interface

- 4 x Gigabit PoE+ ports
- 1 x Gigabit port
- DIP switch
- LED indicators

Data Transfer Rate

- Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)
- Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)
- Gigabit Ethernet: 2000Mbps (full duplex)

Performance

- Switch Fabric: 10Gbps
- RAM Buffer: 128KB
- MAC Address Table: 2K entries
- Jumbo Frames: 9KB
- Forwarding rate: 7.44Mpps (64-byte packet size)

Special Features

- Long range PoE+ up to 200m at 10Mbps
- VLAN port isolation
- 802.1p Class of Service (CoS)
- Wall mountable

DIP Switch

| Switch | Status | Function |
|--------|--------|---|
| 1 | OFF | Ports 1 & 2: Default gigabit PoE+ |
| | ON | Ports 1 & 2: Long range PoE+ up to 200m at 10Mbps |
| 2 | OFF | Ports 3 & 4: Default gigabit PoE+ |
| | ON | Ports 3 & 4: Long range PoE+ up to 200m at 10Mbps |
| 3 | OFF | VLAN port isolation disabled |
| | ON | VLAN port isolation on ports 1-4 |
| 4 | OFF | QoS disabled |
| | ON | QoS Enabled: Video & Voice – High Priority |

Power

- Input: 100 – 240 V AC, 50/60Hz, 2.5A
- Output: 54V DC, 1.3A external power adapter
- Max. consumption: 64.3W

PoE

- PoE budget: 60W
- PoE Mode A: Pins 1,2 for power and pins 3,6 for power

Operating Temperature

- 0° – 40° C (32° – 104° F)

Operating Humidity

- Max. 90% non-condensing

Dimensions

- 121 x 75 x 26mm (4.76 x 2.95 x 1 in.)

Weight

- 246g (8.68 oz.)

Certifications

- CE
- FCC
- LVD

Warranty

- 3 year

Package Contents

- TPE-TG51g
- Quick Installation Guide
- Power adapter (55V DC, 1.3A)

TRENDnet offers a lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.