



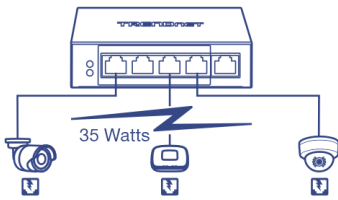
## 5-Port Unmanaged Gigabit PoE+ Switch

TE-GP051 (v1.0R)

- 4 x Gigabit PoE+ ports
- 1 x Gigabit port
- 10Gbps switching capacity
- 35W PoE power budget
- Reduces equipment cost by delivering data and power over existing network cables
- Compact wall-mountable metal housing
- Fanless design

TRENDnet's 5-Port Unmanaged Gigabit PoE+ Switch, model TE-GP051, reduces equipment and installation costs by delivering data and power over your existing Ethernet cables. This PoE+ network switch provides four gigabit PoE+ ports with a total PoE power budget of 35W. It also features, one gigabit port for high-speed connection back to your network.

With PoE technology, users only need one set of cables to deliver both data and power simultaneously. This PoE+ network switch allows you to network PoE devices such as wireless access points, IP cameras, VoIP phones, IP video encoders, access controls, and more.



## PoE+ Power

The PoE+ network switch features a 35W total PoE power budget that supplies up to four Power over Ethernet devices.

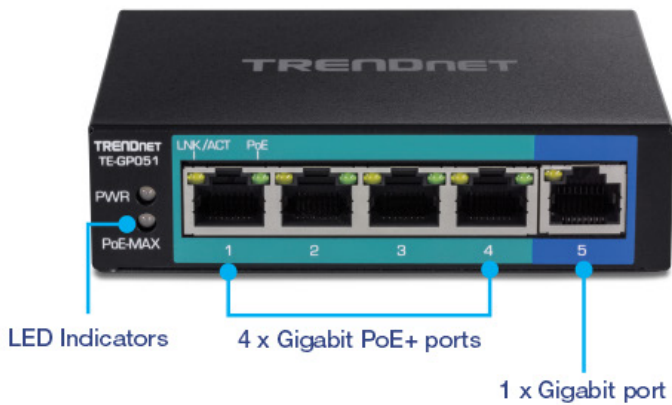
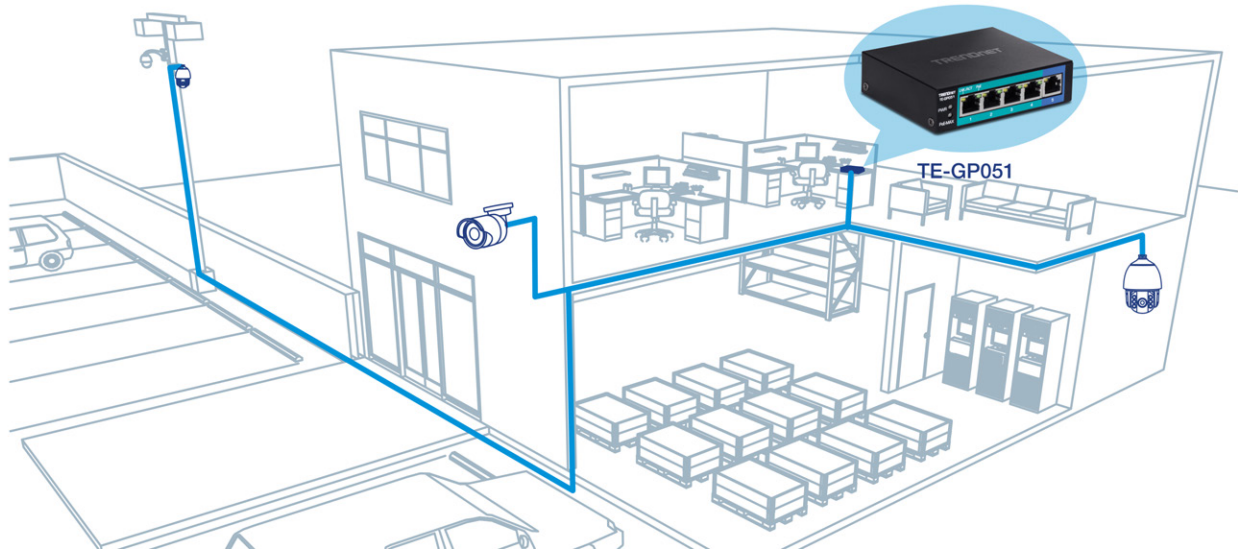
## Gigabit

Five gigabit ports support a full 10Gbps switching capacity for edge network solutions.

## Fanless Design

The PoE+ network switch's fanless design is ideal for quiet environments that require silent operation.

## NETWORKING SOLUTION



## FEATURES



### Network Ports

Four gigabit PoE+ ports, and one gigabit port



### PoE+

Supplies up to 30W of PoE+ power per PoE port with a 35W total PoE power budget



### Fanless

Fanless design lowers energy consumption and eliminates operating noise



### Housing Design

Sturdy metal housing is also compact and lightweight



### Wall Mountable

Well-suited for desktop installations, but also features convenient wall mountable design for greater installation flexibility



### Jumbo Frame

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



### LED Indicators

LED indicators on this PoE+ network switch convey port status

## SPECIFICATIONS

### Standards

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

### Device Interface

- 4 x Gigabit PoE+ ports
- 1 x Gigabit port
- LED indicators
- Wall mountable

### Data Transfer Rate

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

### Performance

- Data RAM Buffer: 125KB
- Switch Fabric: 10Gbps
- MAC Address Table: 2K entries
- Forwarding rate: 7.44Mpps (64-byte packet size)
- Jumbo Frame: 9KB

### Power

- Input: 100 – 240V AC, 50/60Hz
- Output: 48V DC, 0.8A external power adapter
- Max. consumption: 3W (no PD)

### PoE

- PoE budget: 35W
- PoE Mode A: Pins 1, 2, 3, and 6 for power
- Over current protection
- Short circuit protection

### MTBF

- 612,220 hours

### Operating Temperature

- -10° – 55° C (14° – 131° F)

### Operating Humidity

- Max. 95% non-condensing

### Dimensions

- 105 x 83 x 28mm (4.1 x 3.3 x 1.1 in.)

### Weight

- 0.3kg (0.77 lbs.)

### Certifications

- CE
- FCC
- UL

### Warranty

- 3 year

### Package Contents

- TE-GP051
- Quick Installation Guide
- Power Adapter (48V DC, 0.8A)

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

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