



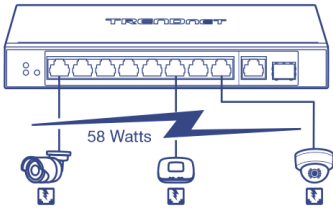
## 10-Port Unmanaged Gigabit PoE+ Switch

TE-GP102 (v1.0R)

- 8 x Gigabit PoE+ ports
- 1 x Gigabit port
- 1 x Gigabit SFP slot
- 20Gbps switching capacity
- 58W PoE power budget
- Supports 100/1000Base-FX fiber SFP modules
- Reduces equipment cost by delivering data and power over existing network cables
- Compact wall-mountable metal housing
- Fanless design

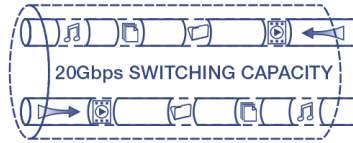
TRENDnet's 10-Port Unmanaged Gigabit PoE+ Switch, model TE-GP102, reduces equipment and installation costs by delivering data and power over your existing Ethernet cables. This PoE+ network switch provides eight gigabit PoE+ ports with a total PoE power budget of 58W. It also features one gigabit port, as well as one SFP slot for fiber applications.

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. The added SFP slot conveniently supports both single mode and multi-mode fiber SFP modules for long-distance fiber networking applications.



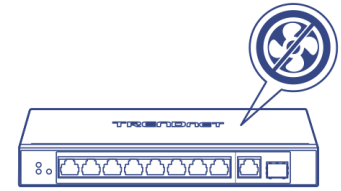
### PoE+ Power

The PoE+ network switch features a 58W total PoE power budget that supplies up to eight Power over Ethernet devices.



### Gigabit

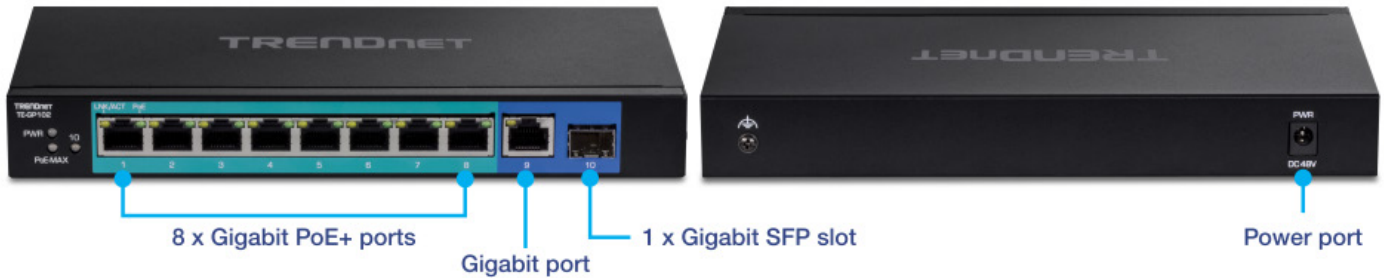
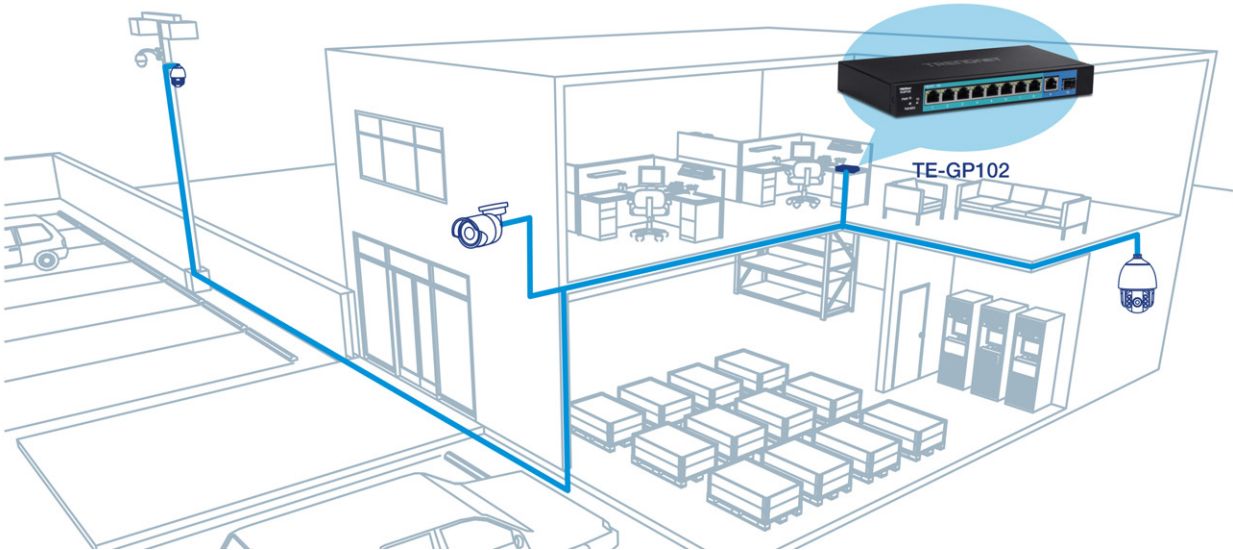
Ten gigabit ports support a full 20Gbps switching capacity for edge network installations.



### Fanless Design

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

## NETWORKING SOLUTION



## FEATURES



### Network Ports

Eight gigabit PoE+ ports, one gigabit port, and one gigabit SFP slot



### Fiber SFP Slot

Added SFP slot supports both single mode and multi-mode fiber SFP modules for long-distance fiber networking applications



### PoE+

Supplies up to 30W of PoE+ power per PoE port with a 58W 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 conveys 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

- 8 x Gigabit PoE+ ports
- 1 x Gigabit port
- 1 x Gigabit SFP slot
- 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: 187.5KB
- Switch Fabric: 20Gbps

### MAC Address Table: 4K entries

- Forwarding rate: 14.88Mpps (64-byte packet size)
- Jumbo Frame: 9KB

### Power

- Input: 100 – 240V AC, 50/60Hz
- Output: 48V DC, 1.35A external power adapter
- Max. consumption: 7W (no PD)

### PoE

- PoE budget: 58W
- PoE Mode B: 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

- 218 x 109 x 28mm (9 x 4.3 x 1.1 in.)

### Weight

- 0.65kg (1.4 lbs.)

### Certifications

- CE
- FCC
- UL

### Warranty

- 3 year

### Package Contents

- TE-GP102
- Quick Installation Guide
- Power Adapter (48V DC, 1.35A)

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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