

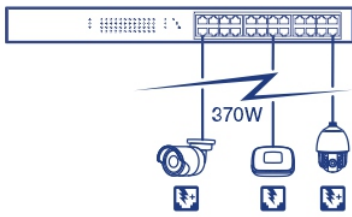


## 24-Port Gigabit PoE+ Switch

TPE-TG240g (v2.0R)

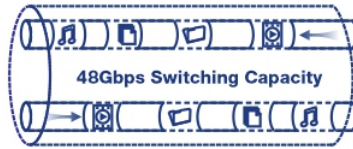
- 24 x Gigabit PoE+ ports
- 48Gbps switching capacity
- 370W PoE power budget
- IEEE 802.3af/at compliant
- Smart Fans
- Reduces equipment cost by delivering data and power over existing network cables
- 1U 19" rack mountable metal housing with brackets included
- Internal power supply

Installers and integrators can save on equipment costs and reduce installation time with TRENDnet's Unmanaged Gigabit PoE+ Switches by delivering up to 30W per port of PoE power and data over existing Ethernet cables. With PoE technology, users only need one set of cables to deliver both data and power. With this PoE+ managed switch, network PoE devices such as high-power wireless access points, PTZ and other advanced IP cameras, VoIP phone systems, IPTV decoders, access controls, and more.



### PoE+

The unmanaged PoE+ switch features a 370W total PoE power budget, and supplies 24 Power over Ethernet devices with up to 30W per port.



### Gigabit Ports

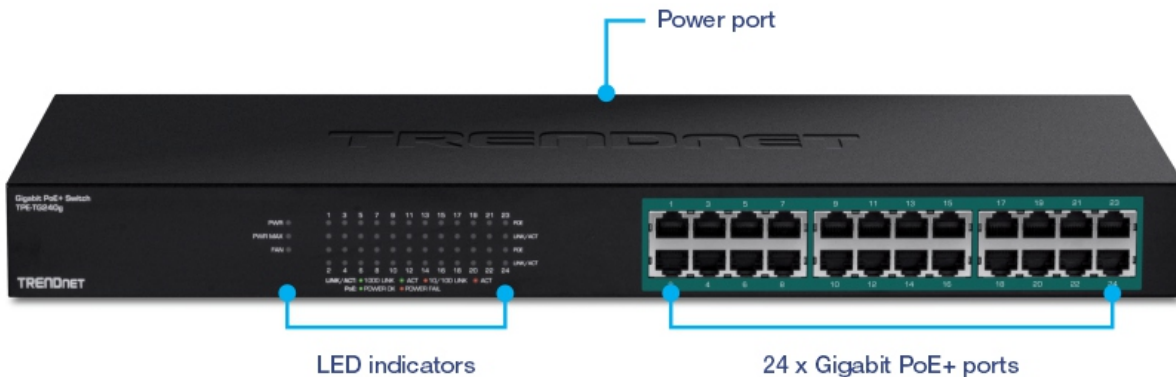
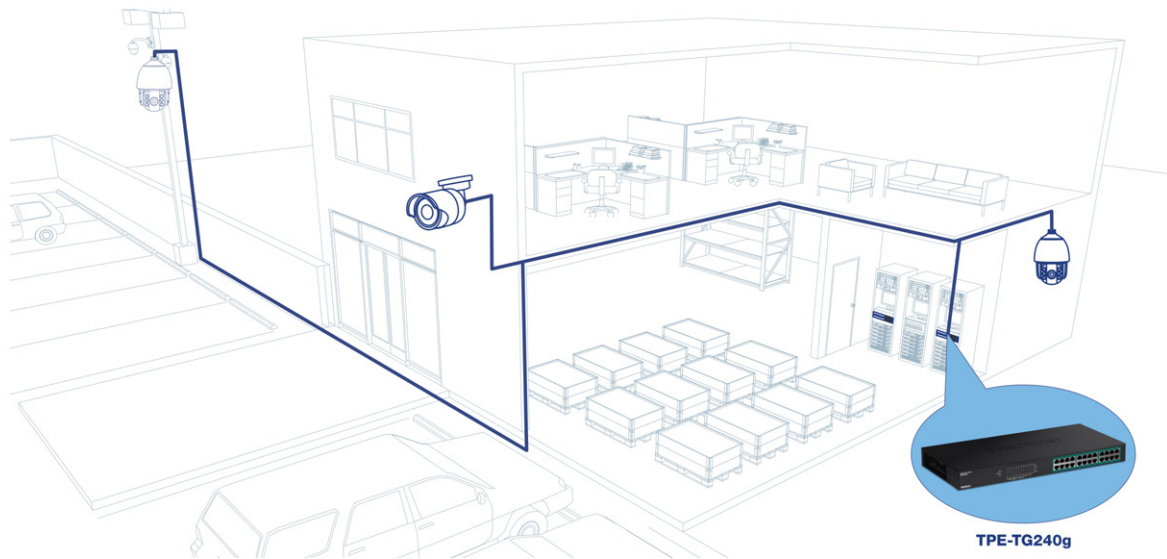
Equipped with high-speed gigabit ports and a full switching capacity, these unmanaged PoE+ switches are ready to take on the most demanding network applications.



### Rackmount Design

With a sturdy metal housing and included rackmount brackets, this unmanaged PoE+ switch is well-suited for 19" 1U rack installations.

## NETWORKING SOLUTION



## FEATURES



### Easy Installation

No configuration needed, simply connect PoE+ network devices to the unmanaged gigabit PoE+ switch



### PoE+

The PoE+ unmanaged switch supplies up to 30W of power per port with data over a single Ethernet cable to PoE devices



### Gigabit Ports

Equipped with high-speed gigabit ports and a full switching capacity, these PoE+ switches are ready to take on the most demanding network applications



### Rackmount Design

With a sturdy metal housing and included rackmount brackets, this switch is well-suited for 19" 1U rack installations.



### Jumbo Frame

Sends larger packets, or Jumbo Frames (up to 10KB) for increased performance



### LED Indicators

LED indicators convey port status

## SPECIFICATIONS

### Standards

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

### Device Interface

- 24 x Gigabit PoE+ ports
- LED indicators

### 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: 512KB
- Switch Fabric: 48Gbps
- MAC Address Table: 8K entries
- Forwarding rate: 35.7Mpps (64-byte packet size)
- Jumbo Frame: 10KB

### Power

- Input: 100 – 240V AC, 50/60Hz, internal power supply
- Max. consumption: 36W (no PD)

### PoE

- PoE budget: 370W
- PoE Mode A: Pins 1, 2, 3, and 6 for power
- Over current protection
- Short circuit protection

### Fan/Acoustics

- Quantity: 2
- Max. noise Level: 30dB

### MTBF

- 290, 758 hours

### Operating Temperature

- 0° – 40° C (32° - 104° F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 440 x 210 x 44mm (17.3 x 8.3 x 1.8 in.)

### Weight

- 3.45kg (7.6 lbs.)

### Certifications

- CE
- FCC
- UL

### Warranty

- 3 year

### Package Contents

- TPE-TG240g
- Quick Installation Guide
- Rack mount kit
- Power cord (1.8m/6 ft.)

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.