

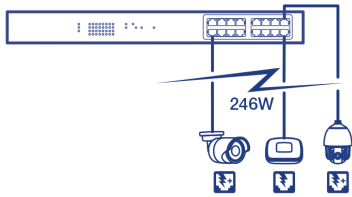


## 16-Port Gigabit PoE+ Switch

TPE-TG160g (v3.0R)

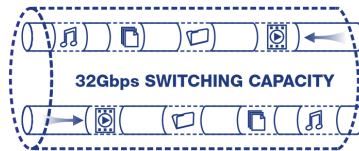
- 16 x Gigabit PoE+ ports
- 32Gbps switching capacity
- 246W PoE power budget
- IEEE 802.3af/at compliant
- Smart Fans
- Reduces equipment cost by delivering data and power over existing network cables
- 1U 19" rack mountable metal housing with brackets included
- Internal power supply
- Lifetime Warranty

Installers and integrators can save on equipment costs and reduce installation time with TRENDnet's Unmanaged Gigabit PoE+ Switches. These unmanaged PoE+ switches deliver 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 unmanaged PoE+ switch, network PoE and 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 246W total PoE power budget, and supplies 16 Power over Ethernet devices with up to 30W per port.



### Gigabit Ports

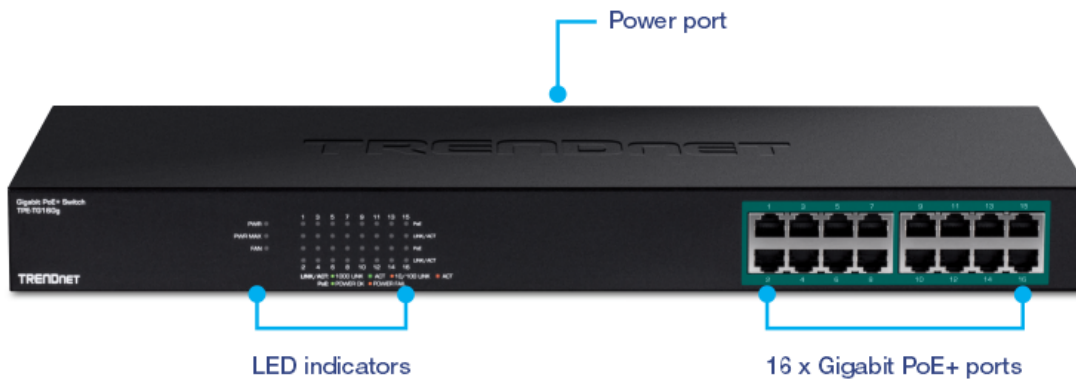
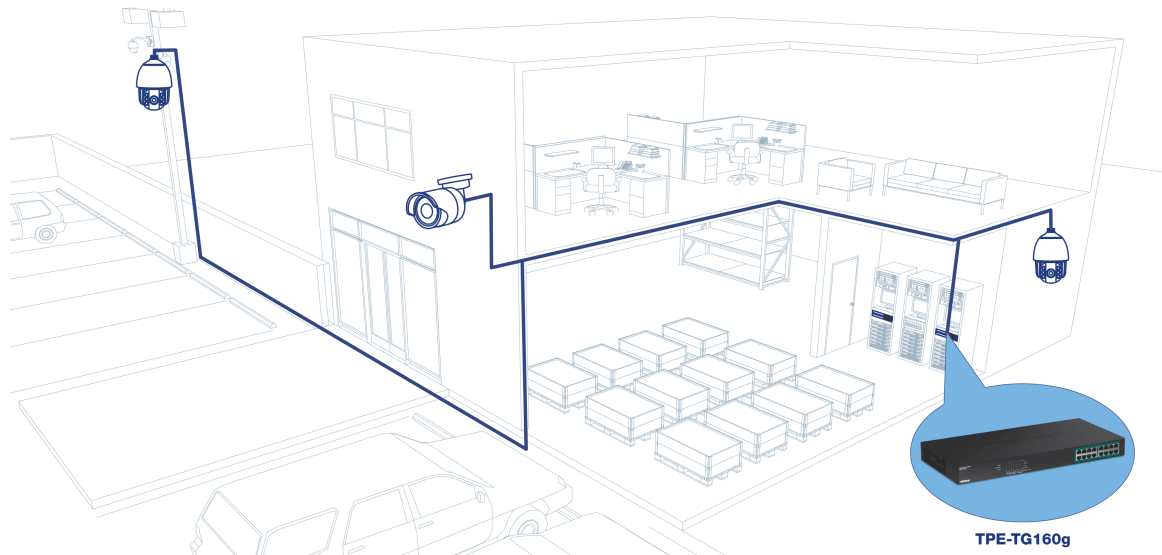
Equipped with high-speed gigabit ports and a full switching capacity, these unmanaged PoE+ switches are ready to take on the most demanding network applications.



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



### Gigabit Ports

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### Jumbo Frame

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



### LED Indicators

LED indicators on the unmanaged PoE+ switch 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

- 16 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: 32Gbps
- MAC Address Table: 8K entries
- Forwarding rate: 23.8Mpps (64-byte packet size)
- Jumbo Frame: 10KB

### Power

- Input: 100 – 240V AC, 50/60Hz, internal power supply
- Max. consumption: 14.9W (no PD)

### PoE

- PoE budget: 246W
- PoE Mode A: Pins 1, 2, 3, and 6 for power
- Over current protection
- Short circuit protection

### Fan/Acoustics

- Quantity: 2
- Max. noise Level: 26dB

### MTBF

- 612, 220 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

- 3kg (6.6 lbs.)

### Certifications

- CE
- FCC
- UL

### Warranty

- 3 year

### Package Contents

- TPE-TG160g
- 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.

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.