



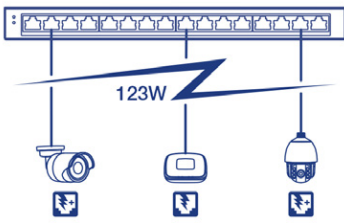
## 16-Port Gigabit PoE+ Switch

TPE-TG160H (v2.0R)

- 16 x Gigabit PoE+ ports
- 32Gbps switching capacity
- 123W PoE power budget
- IEEE 802.3af/at compliant
- Fanless design eliminates operating noise
- Reduces equipment cost by delivering data and power over existing network cables
- 1U 19" rack mountable with brackets included
- External power supply

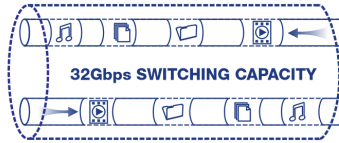
Installers and integrators can save on equipment costs and reduce installation time with TRENDnet's Unmanaged Gigabit PoE+ Switches. The new fanless design reduces unnecessary energy consumption and eliminates disruptive operating noise. These fanless PoE+ switches deliver up to 30W per port of PoE power, and data over your existing Ethernet cables.

With PoE technology, users only need one set of cables to deliver both data and power. Connect and network your PoE and PoE+ devices, such as high-power wireless access points, PTZ and other advanced IP cameras, VoIP phone systems, IPTV decoders, and access controls, to reliable TRENDnet's fanless PoE+ switches.



### PoE+

Features a 123W total PoE power budget, and supplies 16 Power over Ethernet devices with up to 30W per port.



### Gigabit Ports

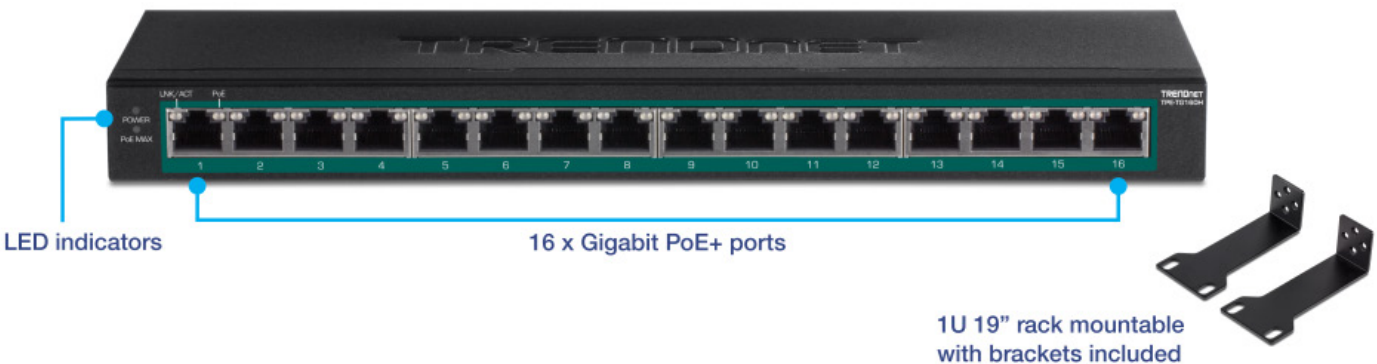
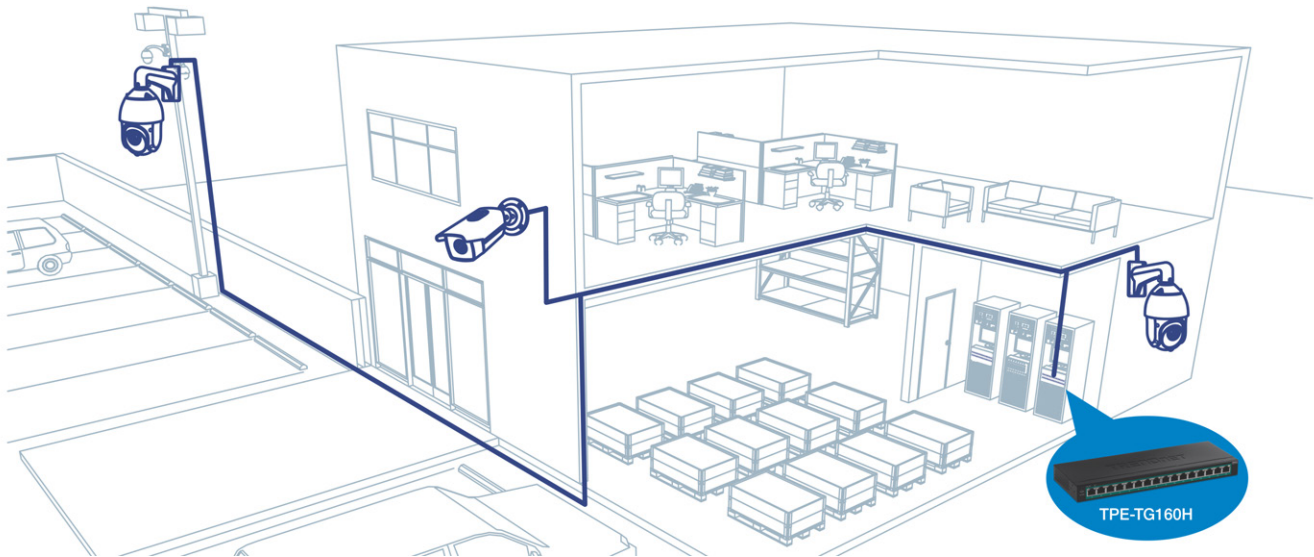
Equipped with high-speed gigabit ports and a full switching capacity, these PoE+ switches are well-suited for the most demanding network applications.



### Fanless

Fanless PoE+ switch design lowers unnecessary energy consumption and eliminates disruptive operating noise.

## NETWORKING SOLUTION



## FEATURES



### Easy Installation

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



### PoE+

Supplies up to 30W of power per port with data over a single Ethernet cable to PoE and PoE+ devices



### Gigabit Ports

Equipped with high-speed gigabit ports and a full switching capacity, these fanless PoE+ switches are well-suited for the most demanding networking applications



### Fanless

Fanless PoE+ switch design lowers energy consumption and eliminates operating noise



### Housing Design

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



### Jumbo Frame

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



### LED Indicators

LED indicators on the fanless PoE+ switches 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: 10 Mbps (half duplex), 20 Mbps (full duplex)
- Fast Ethernet: 100 Mbps (half duplex), 200 Mbps (full duplex)
- Gigabit: 2000 Mbps (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, DC 54V/2.78A
- Max. consumption: 12.8W (no PD)

### PoE

- PoE budget: 123W
- PoE Mode A: Pins 1, 2, 3, and 6 for power
- Over current protection
- Short circuit protection

### MTBF

- 988,148 hours

### Operating Temperature

- 0° – 45° C (32° – 104° F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 286 x 102 x 27mm (11.3 x 4 x 1 in.)

### Weight

- 0.9kg (2 lbs.)

### Certifications

- CE
- FCC

### Warranty

- 3 year

### Package Contents

- TPE-TG160H
- Quick Installation Guide
- Rack mount kit
- Power Adapter (54V, 2.78A)

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.