



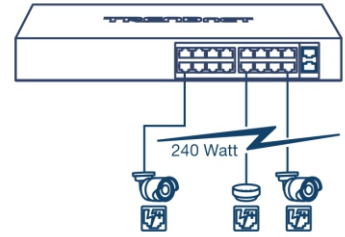
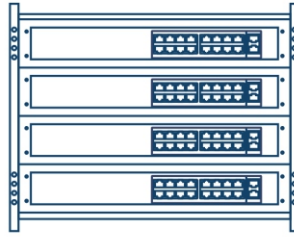
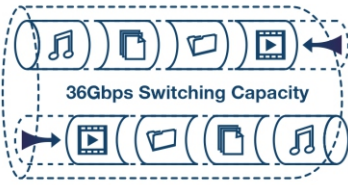
## 18-Port Gigabit PoE+ Switch

TPE-TG182 (v1.0R)

- 16 x Gigabit PoE+ ports (up to 30W per port)
- 2 x Gigabit SFP Slots
- 240W PoE power budget
- 36Gbps switching capacity
- Internal power supply
- Sturdy 1U 19" rack-mountable metal housing

TRENDnet's Unmanaged Gigabit PoE+ Switches provide high-bandwidth performance, ease of use, and reliability. These IEEE 802.3at compliant switches conveniently feature a sturdy 1U 19" rack-mountable metal housing with mounting brackets included. These gigabit PoE+ switches with SFP slots also support long-distance fiber network applications.

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. Easily network PoE devices, such as high-power wireless access points, PTZ cameras, digital signage, IPTV decoders, and access controls with these reliable gigabit PoE+ switches with SFP support.



### Gigabit Ports

Gigabit ports feature a full switching capacity on this rackmount PoE+ switch, with SFP slots for long-distance fiber applications.

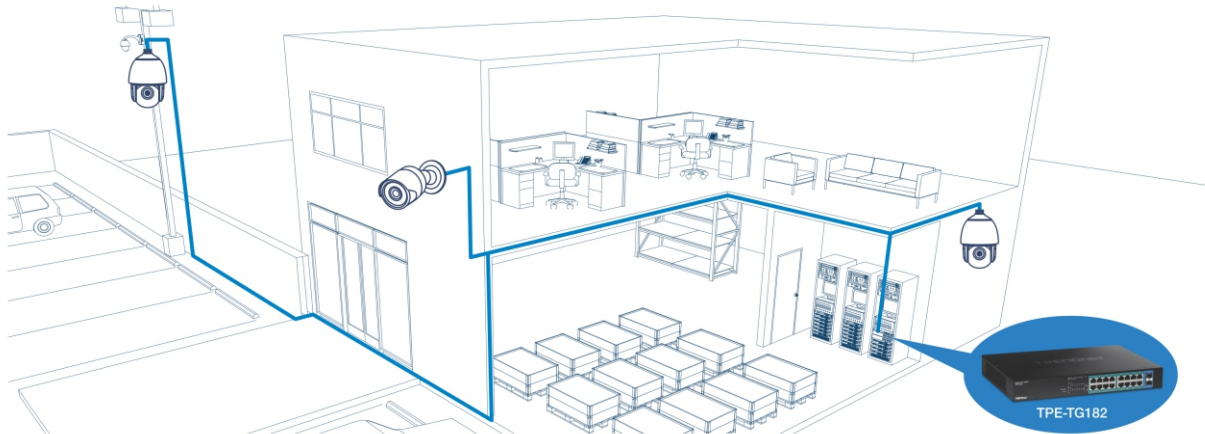
### Hardware Design

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

### PoE Power

A 240W total PoE power budget supports 16 PoE+ devices with up to 30W per port.

## NETWORKING SOLUTION



LED indicators

16 x Gigabit PoE+ ports

2 x Gigabit SFP slots



Power

## FEATURES



### Hardware Design

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



### Jumbo Frame

Sends larger packets, or Jumbo Frames, for increased performance



### PoE Power

A 240W total PoE power budget supports 16 PoE+ devices with up to 30W per port



### LED Indicators

LED indicators on this PoE+ switch with SFP slots conveniently convey port status



### Gigabit Ports

Gigabit ports feature a full switching capacity to this gigabit PoE+ switch, with fiber SFP support for long-distance fiber applications

## 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
- 2 x Gigabit SFP slots
- LED indicators

### Data Transfer Rate

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

### Performance

- Data RAM Buffer: 512KB
- Switch Fabric: 36Gbps
- 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: 40W (no PD)

### PoE

- PoE budget: 240W
- PoE Mode A: Pins 1, 2, 3, and 6 for power
- Over current protection
- Short circuit protection

### Fan/Acoustics

- Quantity: 1
- Max. noise Level: 26dB

### MTBF

- 659,157 hours

### Operating Temperature

- 0° – 40° C (32° – 104° F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 324 x 230 x 44mm (12.75 x 9 x 1.8 in.)

### Weight

- 2.5kg (5.68 lbs.)

### Certifications

- CE
- FCC
- ETL

### Warranty

- 3 year

### Package Contents

- TPE-TG182
- Quick Installation Guide
- Rack mount kit
- Power cord (1.5m/4.9 ft.)