



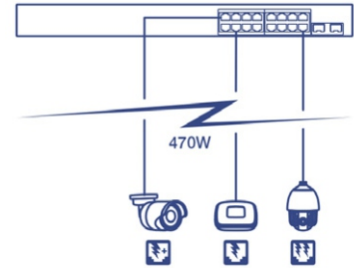
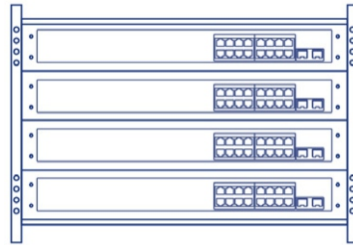
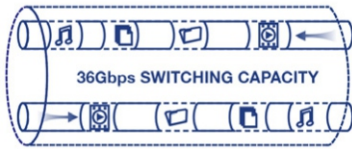
## 18-Port Gigabit PoE++ Switch

TPE-BG182g (v1.0R)

- 8 x Gigabit PoE++ ports (up to 95W)
- 8 x Gigabit PoE+ ports (up to 30W)
- 2 x Gigabit SFP Slots
- 440W 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 802.3bt compliant switches feature a sturdy 1U 19" rack mountable metal housing with mounting brackets included. These high power PoE++ switches also offer SFP slots for long distance fiber network applications.

Installers and integrators can save on equipment costs and reduce installation time with TRENDnet's unmanaged high power PoE++ switches by delivering up to 95W 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, access controls, and more with these high power PoE++ switches.



### Gigabit Ports

Gigabit ports provide a full switching capacity to this high power PoE++ switch, with SFP slots for long distance fiber applications.

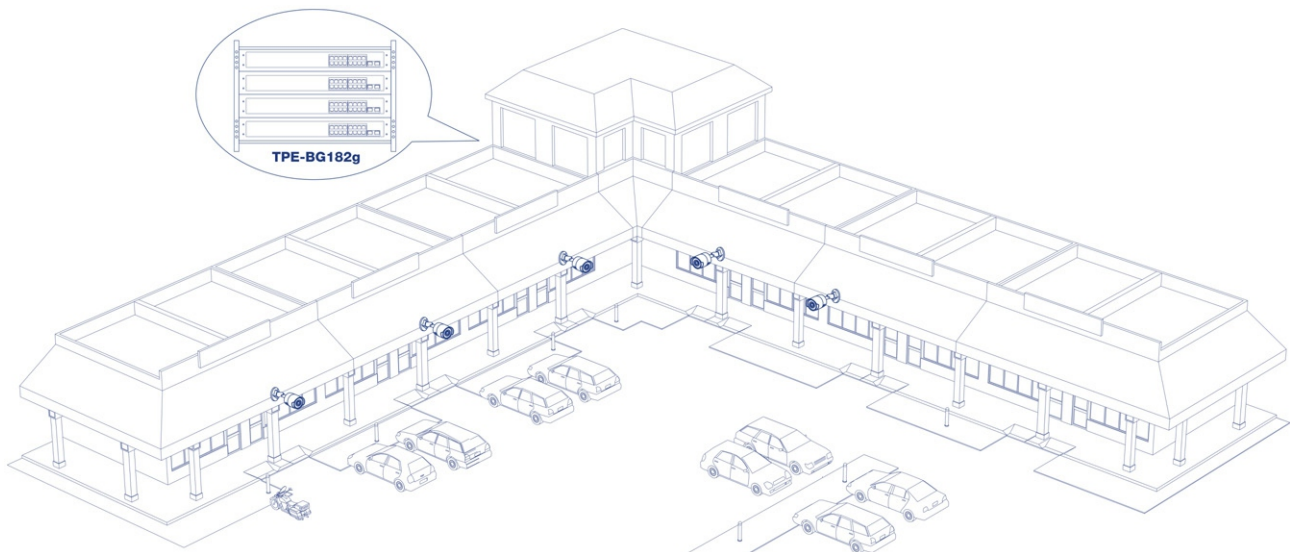
### Hardware Design

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

### PoE Power

A 440W total PoE power budget on this high power PoE++ switch supplies eight PoE++ devices with up to 95W per port, and eight PoE+ devices with up to 30W per port.

## NETWORKING SOLUTION



LED indicators

8 x Gigabit PoE++ ports (up to 95W)

8 x Gigabit PoE+ ports (up to 30W)

2 x Gigabit SFP Slots

## FEATURES



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### Jumbo Frame

Sends larger packets, or Jumbo Frames, for increased performance



### LED Indicators

LED indicators conveniently convey port status on the high power PoE++ switches

## SPECIFICATIONS

### Standards

- IEEE 802.1p
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3af
- IEEE 802.3at
- IEEE 802.3bt

### Device Interface

- 8 x Gigabit PoE++ ports
- 8 x Gigabit PoE+ ports
- 2 x SFP Slot
- LED indicators

### Data Transfer Rate

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

### Performance

- Switch Fabric: 36Gbps
- RAM Buffer: 512KB
- MAC Address Table: 8K entries
- Forwarding Rate: 17.8Mpps (64-byte packet size)
- Jumbo Frames: 9KB

### Power

- Input: 100-240V AC, 50/60Hz, internal power supply
- Max. Consumption: 470W

### PoE

- PoE budget: 440W
- Port 1~8: up to 95W
- Port 9~16: up to 30W

### MTBF

- 323,068 hours

### Operating Temperature

- 0° – 40° C (32° – 104° F)

### Operating Humidity

- Max. 90% non-condensing

### Dimensions

- 440 x 200 x 44mm (17.3 x 7.9 x 1.7 in.)

### Weight

- 3.2kg (7 lbs.)

### Certifications

- CE
- FCC
- ETL

### Warranty

- 3 year

### Package Contents

- TPE-BG182g
- Quick Installation Guide
- Rackmount kit

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.