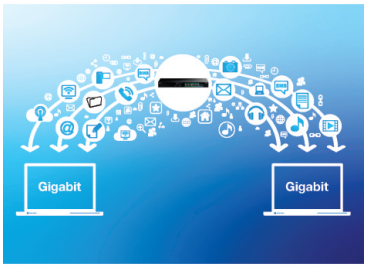
18-Port Gigabit 4PPoE Switch

TPE-BG182g (v1.1R)

- 8 x Gigabit 4PPoE ports (up to 95W)
- 8 x Gigabit PoE+ ports (up to 30W)
- 2 x Gigabit SFP ports
- 440W PoE power budget
- 36Gbps switching capacity
- Internal power supply
- Fanless design for silent operation
- Sturdy 1U 19” rack mountable metal housing
- Lifetime Warranty

TRENDnet’s Unmanaged Gigabit 4PPoE 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 4PPoE 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 4PPoE switches by delivering up to 95W per port of 4PPoE 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 4PPoE switches.



Gigabit Ports

Gigabit ports provide a full switching capacity to this high power 4PPoE switch, with SFP slots for long distance fiber applications.

Hardware Design

With a sturdy metal housing and rackmount brackets included, this high power 4PPoE switch is well-suited for 19" 1U rack installations.

PoE Power

A 440W total PoE power budget on this high power 4PPoE switch supplies eight 4PPoE devices with up to 95W per port, and eight PoE+ devices with up to 30W per port.

FEATURES

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Gigabit Ports

Gigabit ports provide a full switching capacity to this high power 4PPoE switch, with SFP support for long distance fiber applications

Jumbo Frame

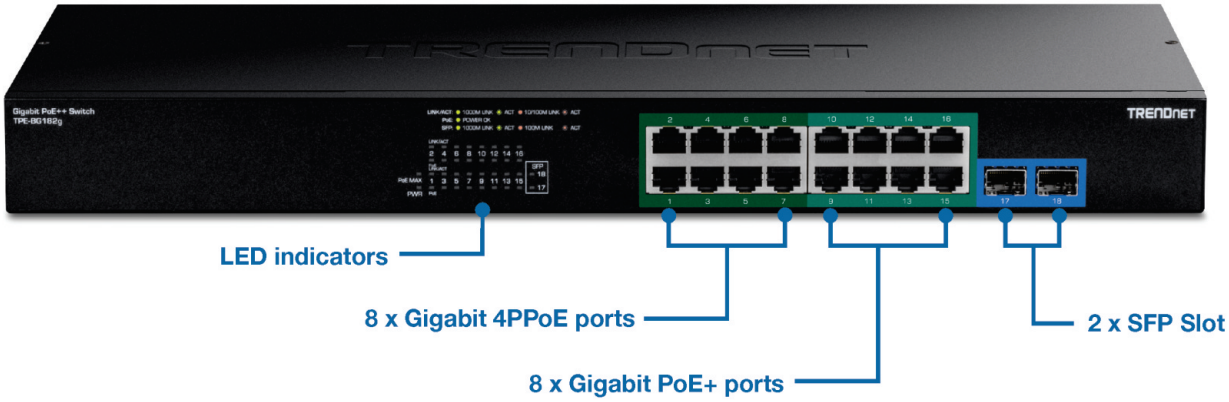
Sends larger packets, or Jumbo Frames, for increased performance

Fanless

Fanless design lowers energy consumption and eliminates operating noise

LED Indicators

LED indicators conveniently convey port status on the high power 4PPoE switches


LED indicators
8 x Gigabit 4PPoE ports
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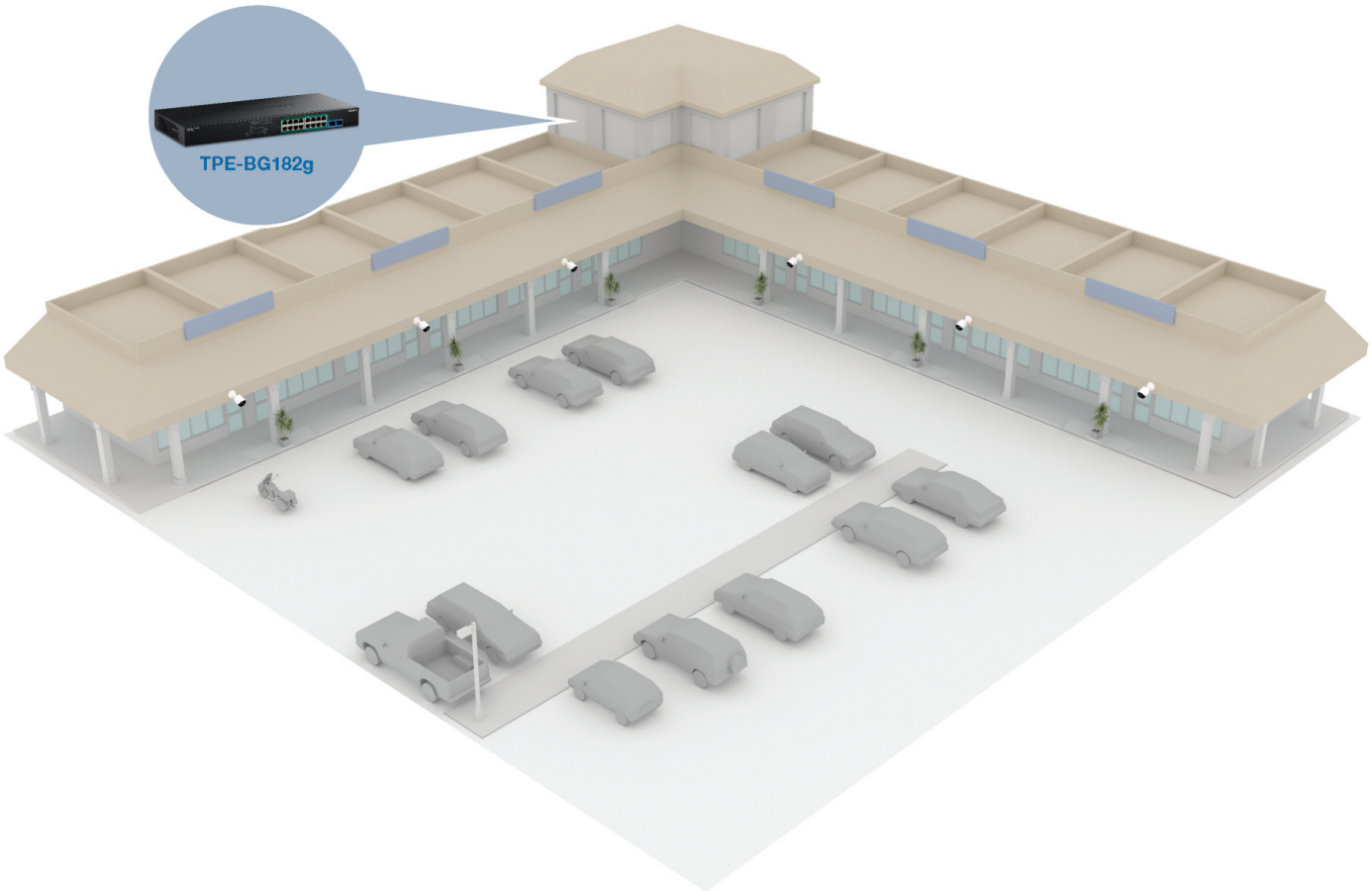
2 x SFP Slot


TPE-BG182g

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 4PPoE 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 1~4: up to 95W
- Port 5~8: 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

- Lifetime Warranty

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.

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.

20675 Manhattan Place • Torrance • CA 90501 • USA • T: 1-888-326-6061 • sales@trendnet.com • www.TRENDnet.com

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