

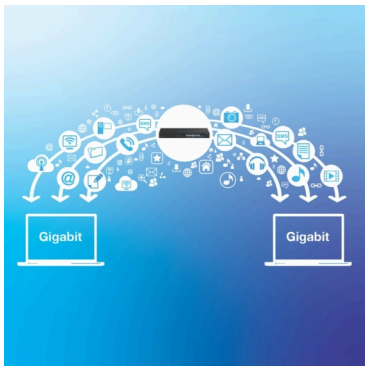
18-Port Gigabit PoE++ Switch

TPE-BG182g (v2.xR)

- 16 x Gigabit PoE++ ports
- 2 x Gigabit SFP ports
- Fast PoE minimizes wait time for powering up PoE devices
- 440W PoE power budget
- 36Gbps switching capacity
- Internal power supply
- Support VLAN pass through
- Sturdy 1U 19” rack mountable metal housing
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet’s 18-Port Gigabit PoE++ Switch, model TPE-BG182g, provides high-bandwidth performance, ease-of-use, and reliability. This IEEE 802.3bt compliant switch features a sturdy 1U 19” rack mountable metal housing with mounting brackets included, and also offers gigabit SFP ports for long-distance fiber networking applications.

Installers and integrators can save on equipment costs and reduce installation time with this high-power PoE++ switch by delivering up to 95W per port of PoE++ power and data over existing Ethernet cables. Fast PoE minimizes wait time for PoE devices by providing power immediately at boot up. Easily network PoE devices, such as high-power wireless access points, cameras, digital signage, IPTV decoders, access controls, and more with this high-power PoE++ switch.



Gigabit Ports

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



PoE Power

A 440W total PoE power budget on this 802.3bt switch supplies 16 PoE++ devices with up to 95W per port.



Hardware Design

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

FEATURES

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 16 PoE++ devices with up to 95W per port

Fast PoE
With Fast PoE, the PoE++ switch provides power to the PoE device within a few seconds of the switch receiving power. No need to wait for the switch to fully boot up.

Gigabit Ports
Gigabit ports provide a full switching capacity to this highpower PoE++ switch

SFP Ports
SFP ports support long-distance fiber applications

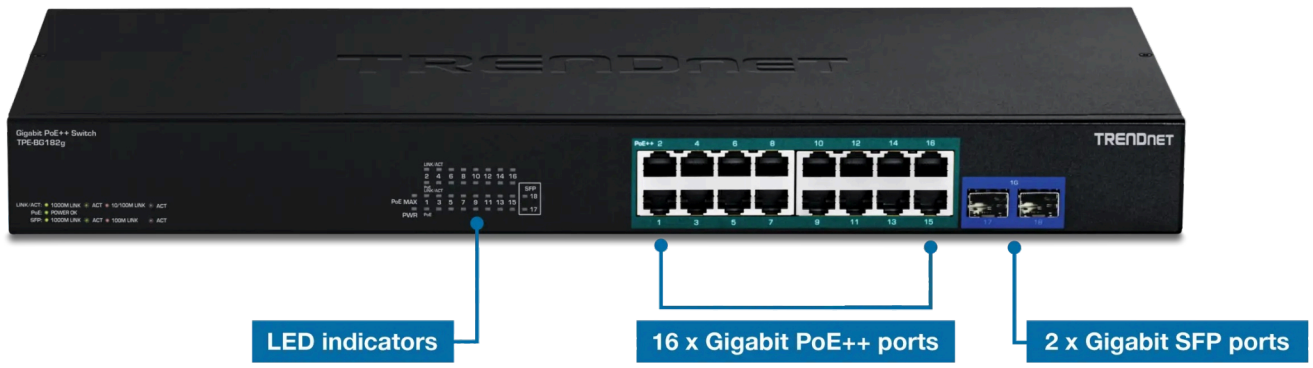
Jumbo Frame
Sends larger packets, or Jumbo Frames (9KB), for increased performance

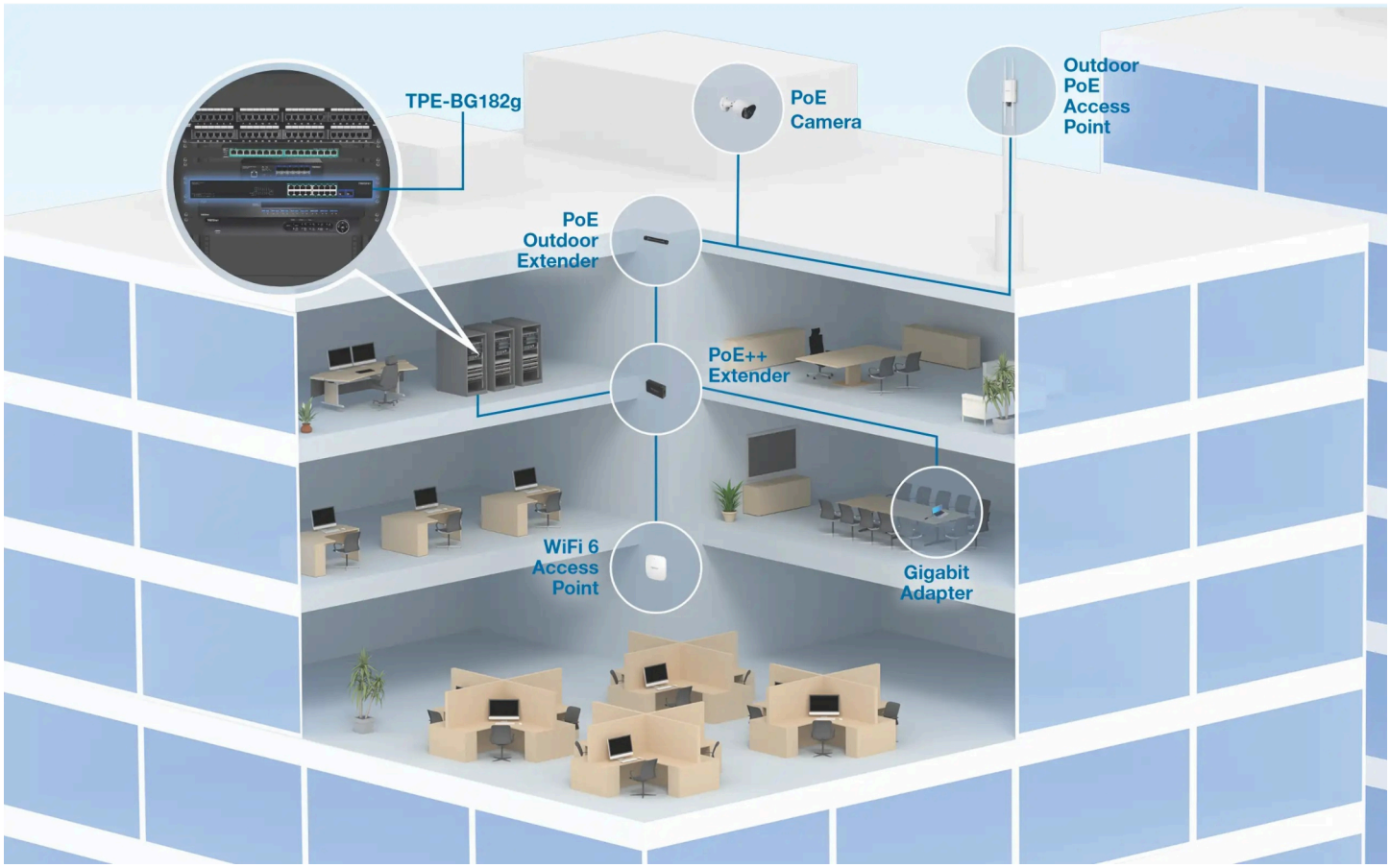
Smart Fans
Smart fans save energy by autoadjusting the fan speed and use based on cooling needs

Internal Power Supply
100-240V AC, 50/60Hz internal universal switching power supply

LED Indicators
LED indicators conveniently convey port status on the high-power PoE++ switch

NETWORKING SOLUTION





SPECIFICATIONS

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3af
- IEEE 802.3at
- IEEE 802.3bt

Device Interface
- 16 x Gigabit PoE++ ports
- 2 x Gigabit SFP ports
- LED indicators

Data Transfer Rate
- Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)
- Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)
- Gigabit: 2Gbps (full duplex)
- Fiber: 2Gbps (full duplex)

Performance
- Switch Fabric: 36Gbps
- RAM Buffer: 512KB
- MAC Address Table: 8K entries
- Jumbo Frames: 9KB
- Forwarding Rate: 26.7Mpps (64-byte packet size)

Power
- Input: 100-240V AC, 50/60Hz, 6.5A internal power supply
- Max. consumption: 458W
- Max. consumption: 10W (no PD)

PoE
- PoE++ up to 95W
- PoE budget: 440W
- Pins 3, 4, 5, 6 + ; 1, 2, 7, 8 -

Fan/Acoustics
- Quantity: 2
- Smart Fans
- Noise Level: 58.7 dB (max.)

MTBF
- 615,428 hours @ 25°C

Operating Temperature
- 0° – 40° C (32° – 104° F)

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 440 x 196 x 44mm (17.3 x 7.7 x 1.7 in.)

Weight
- 3kg (6.7 lbs.)

Certifications
- CE
- FCC
- LVD
- ETL

Warranty
- Lifetime Warranty

Package Contents
- TPE-BG182g
- Quick Installation Guide
- Rackmount kit
- Power cord

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.

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