

16-Port Gigabit PoE+ Switch

TPE-TG160g (V4)

- 16 x Gigabit PoE+ ports
- 32Gbps switching capacity
- 246W PoE power budget
- Extend PoE+ signal up to 250m (820 ft.) at 10Mbps on ports 1 – 8
- DIP switch supports VLAN port isolation and storm control
- Smart Fans
- Reduces equipment cost by delivering data and power over existing network cables
- 1U 19” rack mountable metal housing with brackets included
- Internal power supply
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

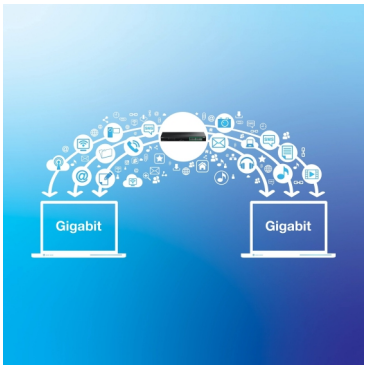
TRENDnet’s 16-Port Gigabit PoE+ Switch, model TPE-TG160g, provides high-bandwidth performance, ease-of-use, and reliability. The IEEE 802.3at compliant switch features a sturdy 1U 19” rack mountable metal housing with mounting brackets included.

Installers and integrators can save on equipment costs and reduce installation time with TRENDnet’s unmanaged PoE+ switch 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, cameras, digital signage, IPTV decoders, access controls, and more with this high-power PoE+ switch. Enable the DIP switch to extend the PoE+ signal up to 250m (820 ft.) at 10Mbps for long-distance PoE installations. Easily install this long-range PoE switch for reliable high-speed PoE networking.



PoE+

The PoE+ switch features a 246W total PoE power budget, and supplies up to 16 Power over Ethernet devices with up to 30W per port.



Gigabit Ports

Equipped with 16 high-speed gigabit ports and a full switching capacity, this unmanaged PoE+ switch is ready to take on the most demanding network applications.



Long Range PoE+ Switch

Enable the DIP switch to extend a PoE+ signal up to 250m (820 ft.) at 10Mbps on ports 1 – 8.

FEATURES

Easy Installation
No configuration needed, simply connect PoE+ network devices to the unmanaged gigabit PoE+ switch

PoE Power
The PoE+ switch 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 unmanaged PoE+ switches are ready to take on the most demanding network applications

Long Range PoE+
Enable the DIP switch to extend a PoE+ signal up to 250m (820 ft.) at 10Mbps on ports 1 – 8

Port Isolation
To prevent traffic from being sent between isolated ports, the DIP switch enables port isolation on ports 1 – 15

Strom Control
A broadcast storm control threshold value of 128kbps will be applied to incoming packets on all ports

PD Alive Alert
Automatically check if powered devices connected to the switch are currently active or not on all ports

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

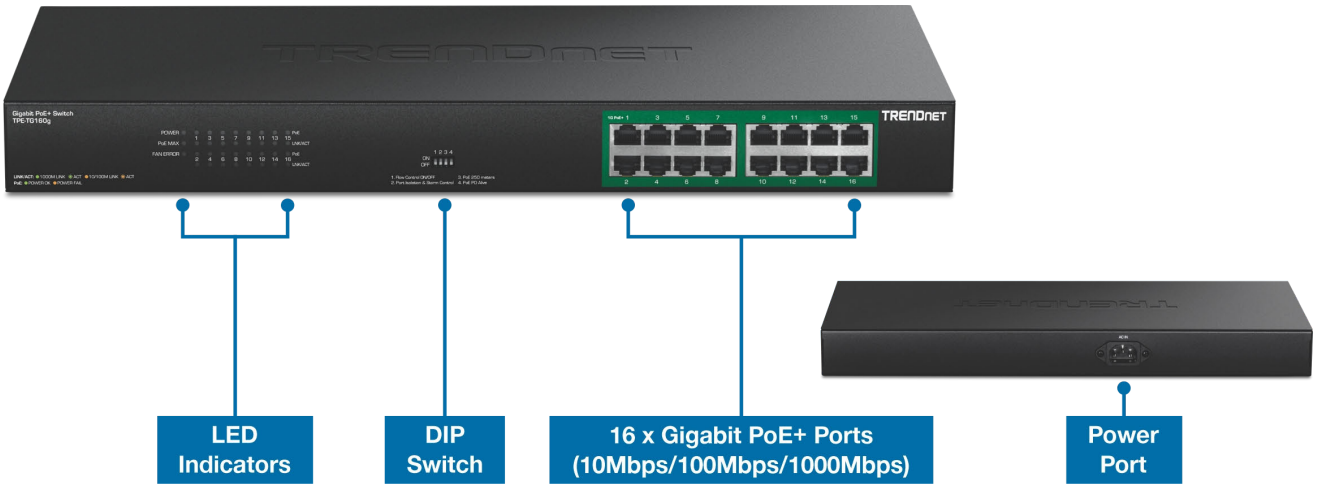
Jumbo Frame
Sends larger packets, or Jumbo Frames (up to 9KB) for increased performance

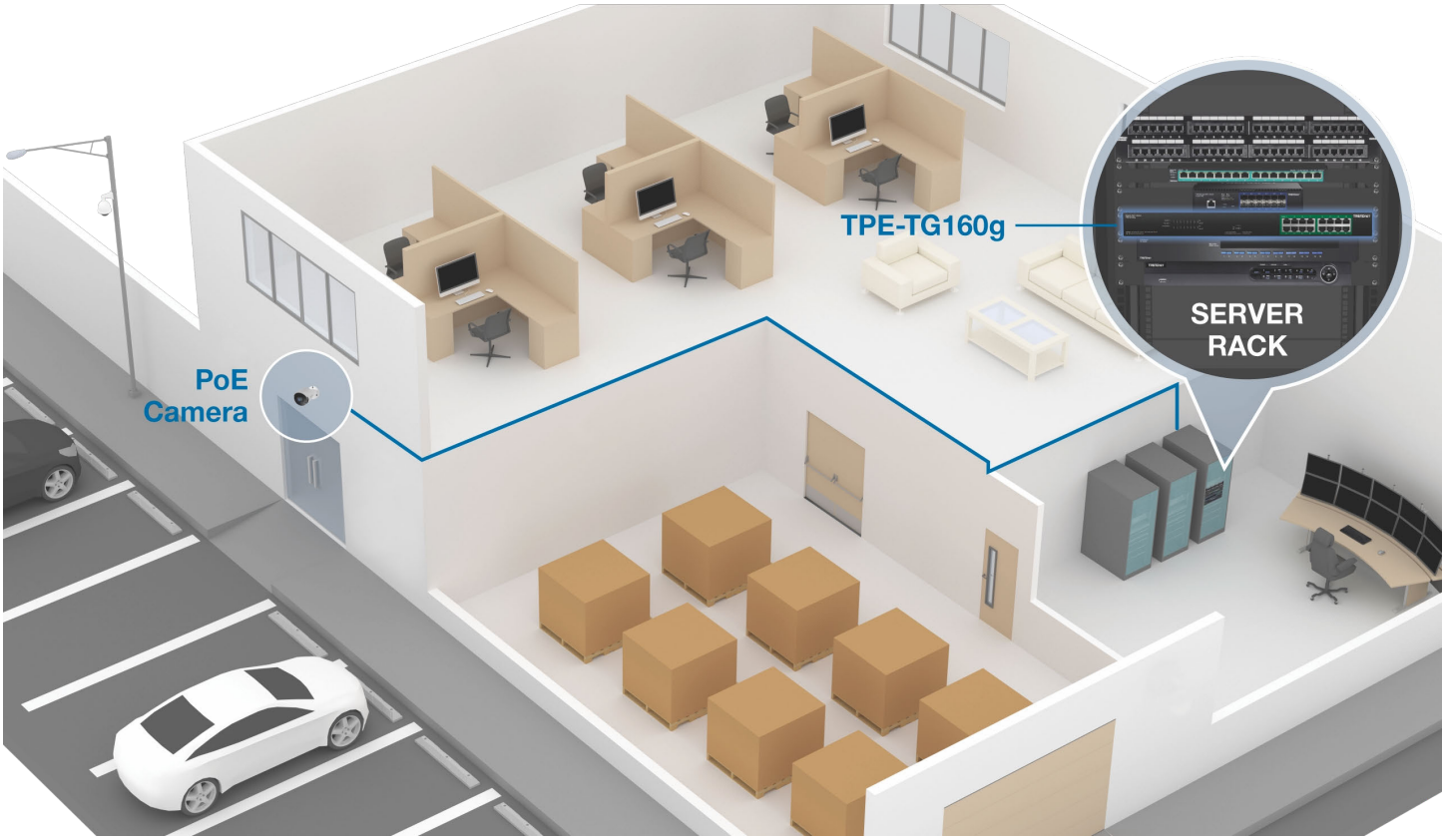
Smart Fans
Smart fans saves energy by autoadjusting the fan speed and use based on cooling needs

Internal Power Supply
100-240VAC, 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

Device Interface
- 16 x Gigabit PoE+ ports (10Mbps/100Mbps/1000Mbps)
- DIP switch
- LED indicators

Performance
- Data RAM Buffer: 512KB
- Switch Fabric: 32Gbps
- MAC Address Table: 8K entries
- Forwarding rate: 23.8Mpps (64-byte packet size)
- Jumbo Frame: 9KB

Power
- Input: 100 – 240V AC, 50/60Hz, internal power supply
- Max. consumption: 25W (no PD)

PoE
- PoE budget: 246W
- PoE Mode A: Pin 1, 2 -; 3, 6 +
- Over current protection
- Short circuit protection

DIP Switch
- Flow Control On (default) / Off
- Port Isolation and Storm Control On / Off (default)
- Long Range PoE+ On / Off (default)
- PD Alive Alert / Off (default)

Fan/Acoustics
- Quantity: 2
- Smart fans
- Max. noise Level: 48.96dB

MTBF
- 570, 972 hours @ 25° C

Operating Temperature
- 0° – 50° C (32° – 112° F)

Operating Humidity
- Max. 95% non-condensing

Dimensions
- 440 x 210 x 44mm (17.3 x 8.3 x 1.8 in.)

Weight
- 3kg (6.6 lbs.)

Certifications
- CE
- FCC
- UL

Warranty
- Lifetime Warranty

Package Contents
- TPE-TG160g
- Rack mount kit
- Power cord (1.8m/6 ft.)

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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