TRENDnet®

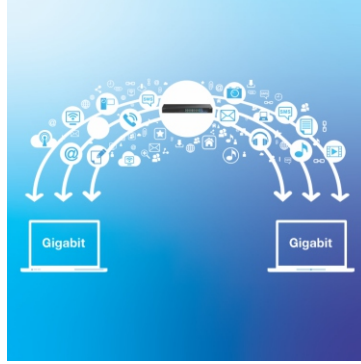# 18-Port Gigabit High-Power PoE+ Switch

TPE-TG182F (v2.0R)

- 16 x Gigabit PoE+ ports
- 2 x Shared Gigabit ports (RJ-45 or SFP)
- 36Gbps switching capacity
- Internal power supply
- 440W PoE power budget
- Reduces equipment cost by delivering data and power over existing network cables
- Sturdy 19" rack mountable metal housing with included brackets
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 18-Port Gigabit High-Power PoE+ Switch, model TPE-TG182F, reduces equipment and installation costs by delivering data and power over existing Ethernet cables. This rack mountable, high-power PoE switch provides 16 gigabit PoE+ ports with a total PoE power budget of 440W. It also features two additional shared RJ-45 or SFP gigabit ports. The TPE-TG182F high-power PoE+ switch supplies up to 30W of power per port for devices such as high-power wireless access points, PTZ (Pan/Tilt/Zoom) IP cameras, and other PoE+ systems.

High-Power PoE
The 440W total PoE power budget supplies 16 Power over Ethernet devices with up to 30W per port.
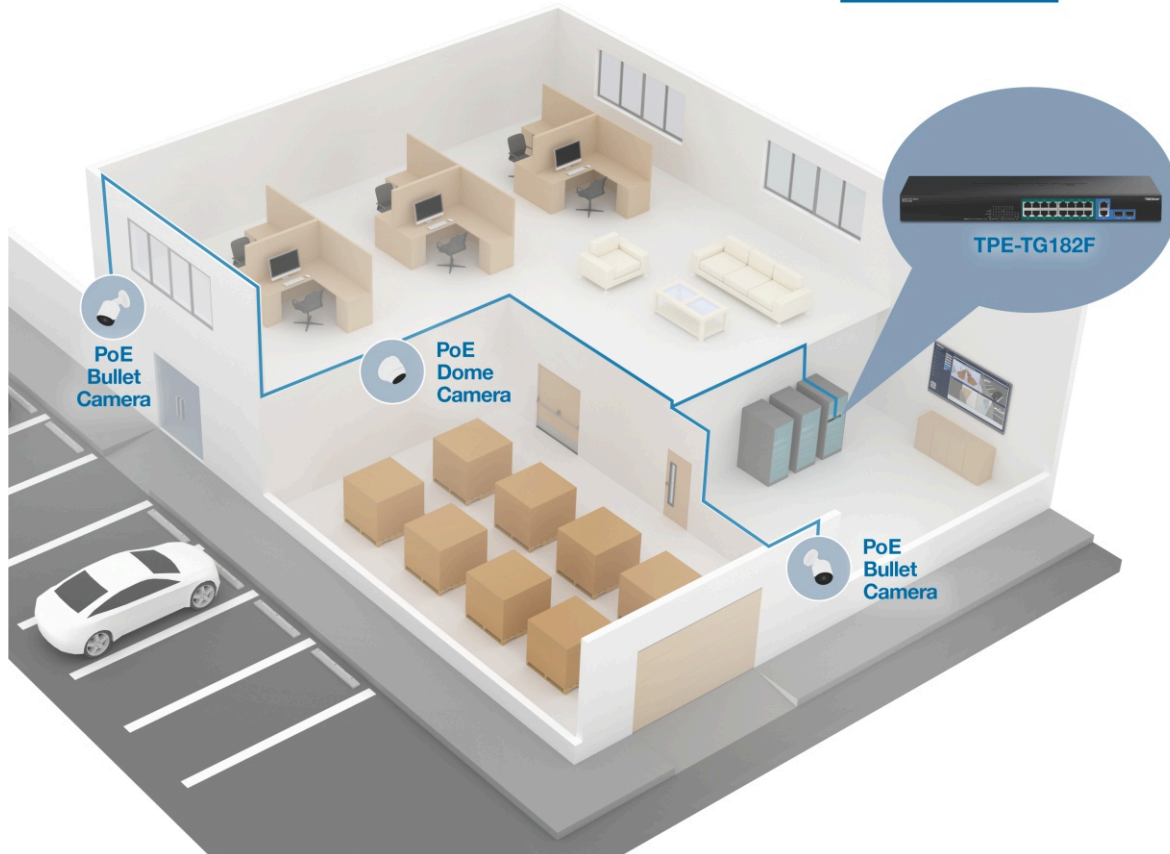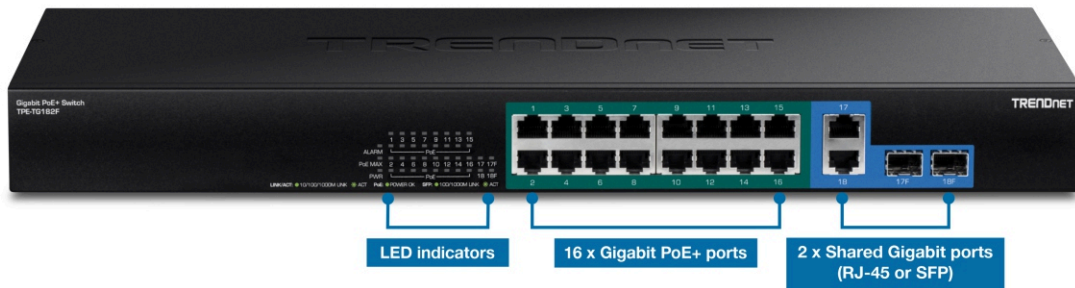

Gigabit Ports
Eighteen gigabit ports provide a 36Gbps switching capacity to support high-speed network applications.

Housing Design
Features a sturdy 19" rack mountable metal housing with mounting brackets included.

NETWORKING SOLUTION

LED indicators | 16 x Gigabit PoE+ ports | 2 x Shared Gigabit ports (RJ-45 or SFP)

TPE-TG182F

PoE Bullet Camera

PoE Dome Camera

PoE Bullet Camera

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FEATURES

High Power PoE

The 440W total PoE power budget on this high-power PoE switch supplies 16 Power over Ethernet devices with up to 30W per port.

Gigabit Ports

Provides 16 gigabit PoE+ ports, 2 shared gigabit ports (RJ-45 or SFP), a 36Gbps switching capacity, a built-in power supply, and rackmount brackets

Housing Design

Sturdy 19" rack mountable metal housing with included mounting brackets.

Jumbo Frame

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

LED Indicators

LED indicators convey port status

SPECIFICATIONS

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

Device Interface
- 16 x Gigabit PoE+ ports
- 2 x Shared Gigabit ports (RJ-45 or SFP)
- LED indicators

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

Performance
- Switch Fabric: 36Gbps
- RAM Buffer: 4.1MB
- MAC Address Table: 8K entries
- Forwarding Rate: 26.78Mpps (64-byte packet size)
- Jumbo Frames: 9KB

Power
- Input: 110-240V AC, 50/60Hz, internal power supply
- Max. consumption: 480W

PoE
- PoE budget: 440W
- Pin 1, 2 for power+ and pin 3, 6 for power- (mode A)

Smart Fan/Acoustics
- Quantity: 2
- Noise Level: 61 dBA (max.)

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

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 440 x 196 x 44mm (17.4 x 7.7 x 1.7 in.)

Weight
- 3kg (6.1 lbs.)

Certifications
- CE
- FCC
- LVD
- ETL

Warranty
- Lifetime Warranty

Package Contents
- TPE-TG182F
- Quick Installation Guide
- Rackmount kit
- Power cord (1.5m/5 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.