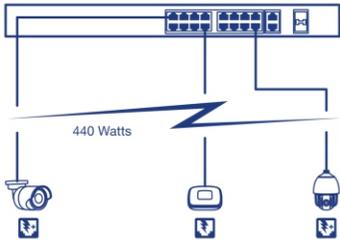# TRENDNET®

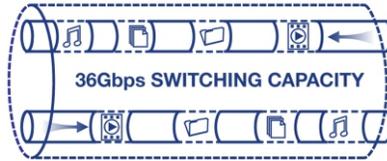# 18-Port Gigabit High Power PoE+ Switch

TPE-TG182F (v1.0R)

- 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 rack mountable metal housing
- Lifetime Warranty*

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 VoIP phone systems.
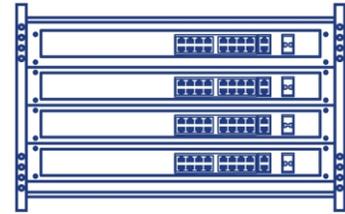
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High Power PoE
The 440W total PoE power budget on this high-power PoE switch supplies 16 Power over Ethernet devices with up to 30W per port.
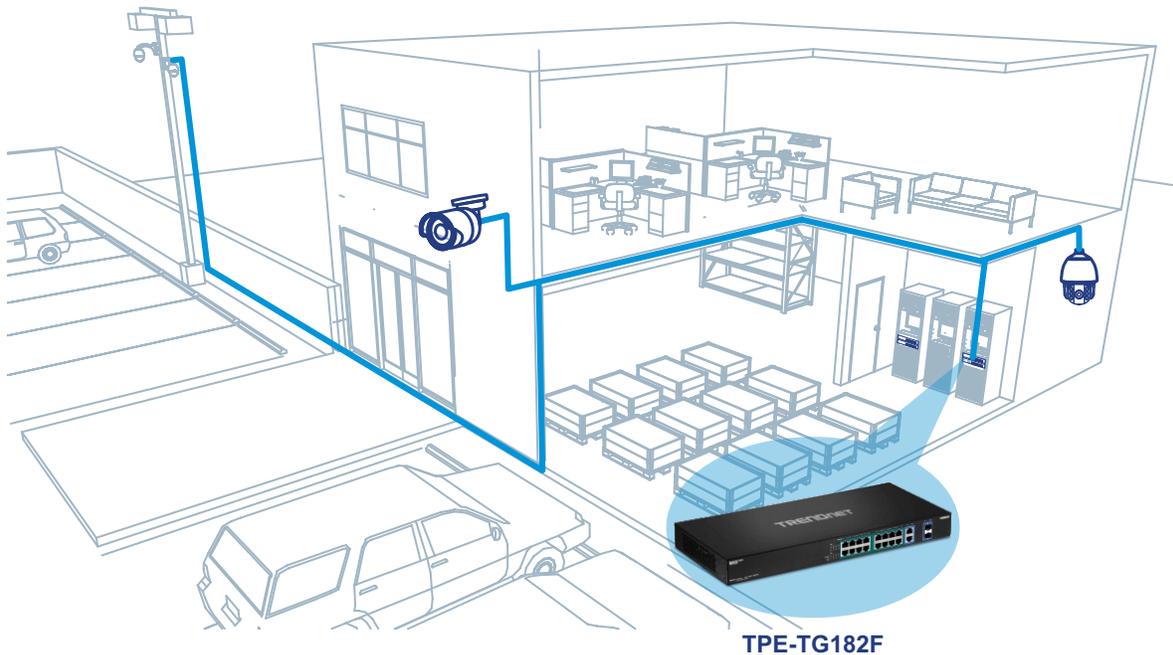
Gigabit Ports
Eighteen gigabit ports provide a 36Gbps switching capacity to support edge network installations.

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

Networking Solution

TPE-TG182F

High Power PoE Switch
Supplies up to 30W of PoE+ power per port with a total power budget of 440W

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

LED Indicators
LED indicators convey port status

Housing Design
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

TRENDnet®

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: 512KB • 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: 470W
PoE	• PoE budget: 440W • Pin 1, 2 for power+ and pin 3, 6 for power- (mode A)
Fan/Acoustics	• Quantity: 1 • Noise Level: 56 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	• 3.05kg (6.72 lbs.)
Certifications	• CE • FCC • ETL
Warranty	• Lifetime

PACKAGE CONTENTS

• TPE-TG182F
• Quick Installation Guide
• Rackmount kit
• Power cord (1.8m/6 ft.)

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.

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.