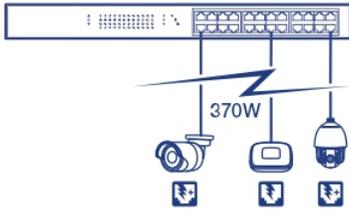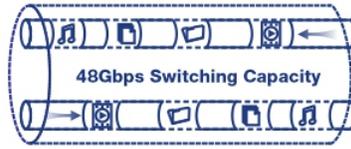# 24-Port Gigabit PoE+ Switch

TPE-TG240g (v2.0R)

- 24 x Gigabit PoE+ ports
- 48Gbps switching capacity
- 370W PoE power budget
- IEEE 802.3af/at compliant
- 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

Installers and integrators can save on equipment costs and reduce installation time with TRENDnet's Unmanaged Gigabit PoE+ Switches by delivering up to 30W per port of PoE power and data over existing Ethernet cables. With PoE technology, users only need one set of cables to deliver both data and power. With this PoE+ managed switch, network PoE devices such as high-power wireless access points, PTZ and other advanced IP cameras, VoIP phone systems, IPTV decoders, access controls, and more.
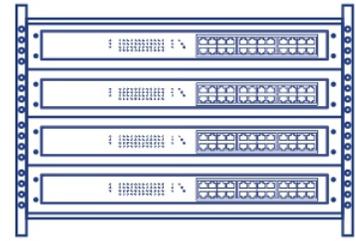
PoE+

The unmanaged PoE+ switch features a 370W total PoE power budget, and supplies 24 Power over Ethernet devices with up to 30W per port.
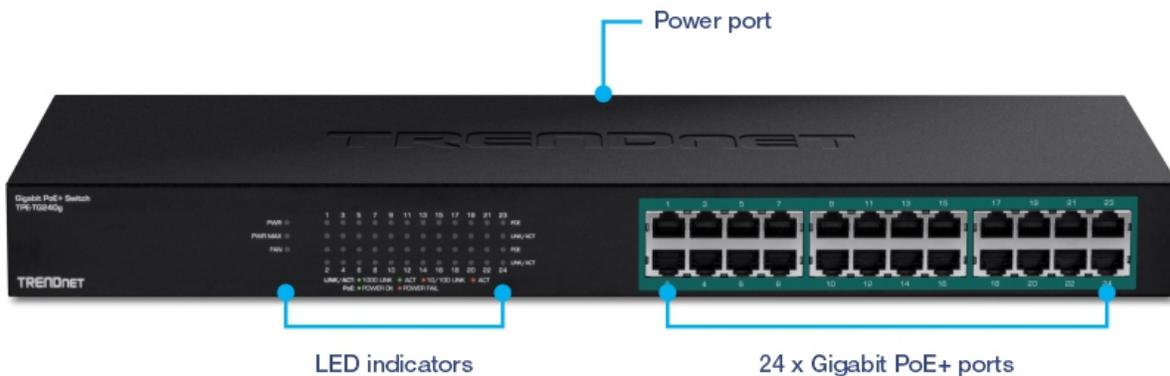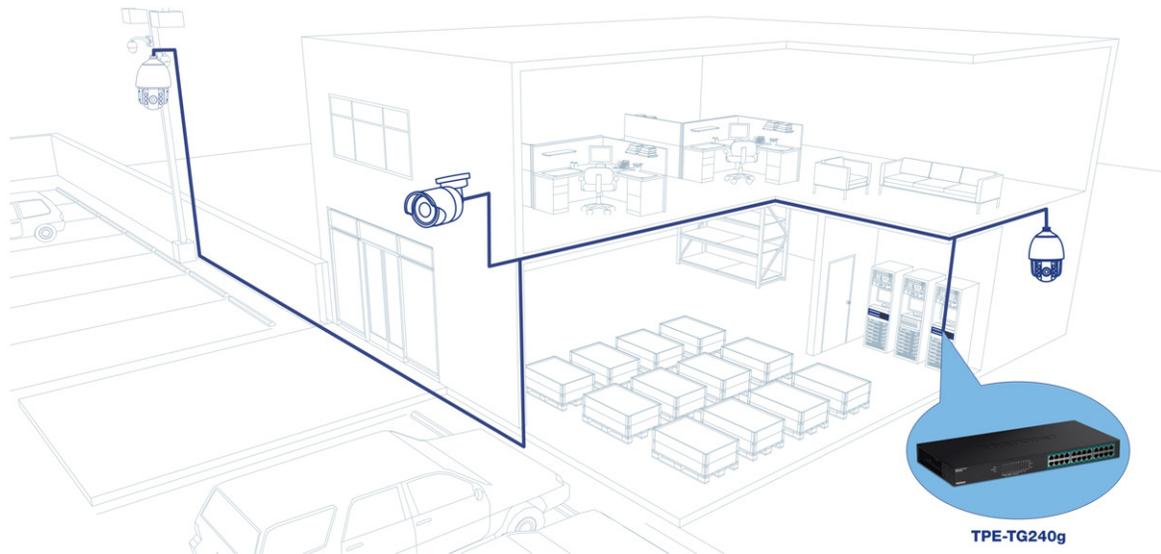
Gigabit Ports

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.

Rackmount Design

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

NETWORKING SOLUTION

TPE-TG240g

Power port

LED indicators

24 x Gigabit PoE+ ports

FEATURES

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

PoE+
The PoE+ unmanaged switch supplies up to 30W of power per port with data over a single Ethernet cable to PoE devices

Gigabit Ports
Equipped with high-speed gigabit ports and a full switching capacity, these PoE+ switches are ready to take on the most demanding network applications

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

Jumbo Frame
Sends larger packets, or Jumbo Frames (up to 10KB) for increased performance

LED Indicators
LED indicators convey port status

SPECIFICATIONS

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

Device Interface
- 24 x Gigabit PoE+ ports
- 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
- Data RAM Buffer: 512KB
- Switch Fabric: 48Gbps
- MAC Address Table: 8K entries
- Forwarding rate: 35.7Mpps (64-byte packet size)
- Jumbo Frame: 10KB

Power
- Input: 100 – 240V AC, 50/60Hz, internal power supply
- Max. consumption: 36W (no PD)

PoE
- PoE budget: 370W
- PoE Mode A: Pins 1, 2, 3, and 6 for power
- Over current protection
- Short circuit protection

Fan/Acoustics
- Quantity: 2
- Max. noise Level: 30dB

MTBF
- 290, 758 hours

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

Operating Humidity
- Max. 90% non-condensing

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

Weight
- 3.45kg (7.6 lbs.)

Certifications
- CE
- FCC
- UL

Warranty
- Lifetime

Package Contents
- TPE-TG240g
- Quick Installation Guide
- Rack mount kit
- Power cord (1.8m/6 ft.)

Updated: 9/9/2020