

28-Port 2.5G Switch with 10G SFP+ Ports

TEG-S50284 (v1.xR)

- 24 x 2.5G RJ-45 ports
- 4 x 10G SFP+ ports
- Compatible with existing Cat5e or better cabling
- Smart fans auto adjusts the fan speed based on cooling needs
- Rack mountable or wall mountable for installation flexibility
- 200Gbps switching capacity
- IEEE 802.3bz (2.5G) and IEEE 802.3ae (10G SFP+) compliant
- Supports 802.1Q VLAN passthrough and 802.1p QoS passthrough
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

Expand your network's bandwidth and reduce digital bottlenecks with TRENDnet's 28-Port 2.5G Switch with 10G SFP+ Ports, model TEG-S50284. This multi-gigabit network switch comes equipped with 2.5GBASE-T RJ-45 and 10G SFP+ ports that provide ultra-fast speeds capable of up to 2.5Gbps over your existing Cat5e cabling or 10Gbps over fiber cabling. This high-speed switch features a durable metal enclosure, and the smart fans lower energy consumption by auto adjusting fan speed based on the switch's cooling needs. The included rackmount brackets are well-suited for wall mount or 19" 1U rack installations. TRENDnet's reliable 2.5G switches are cost-effective solutions to increase your network's throughput.



Hardware Interface

Equipped with 2.5GBASE-T RJ-45 and 10G SFP+ ports that provide ultra-fast speeds capable of up to 2.5Gbps over Cat5e or better cabling or 10Gbps over fiber cabling.



Rack Mountable

The multi-gig switch features a durable metal housing with a convenient rack mountable design for greater installation flexibility.



Smart Fans

Smart fans save energy by auto adjusting the fan speed and use based on cooling needs

FEATURES

Easy Installation
No configuration needed, simply connect network devices to the 28-port multi-gig switch

2.5G Ports
This multi-gigabit switch is equipped with 2.5GBASE-T RJ-45 ports that provide ultra-fast speeds capable of up to 2.5Gbps over existing Cat5e or better cabling

10G SFP+ Ports
The 2.5G switch with SFP+ ports features 10G SFP+ ports for high-speed network connections, providing a cost-effective solution in adding 10G link capability

Switching Capacity
200Gbps switching capacity

Smart Fans
Smart fans save energy by auto-adjusting the fan speed and use based on cooling needs

Housing Design
Sturdy metal housing

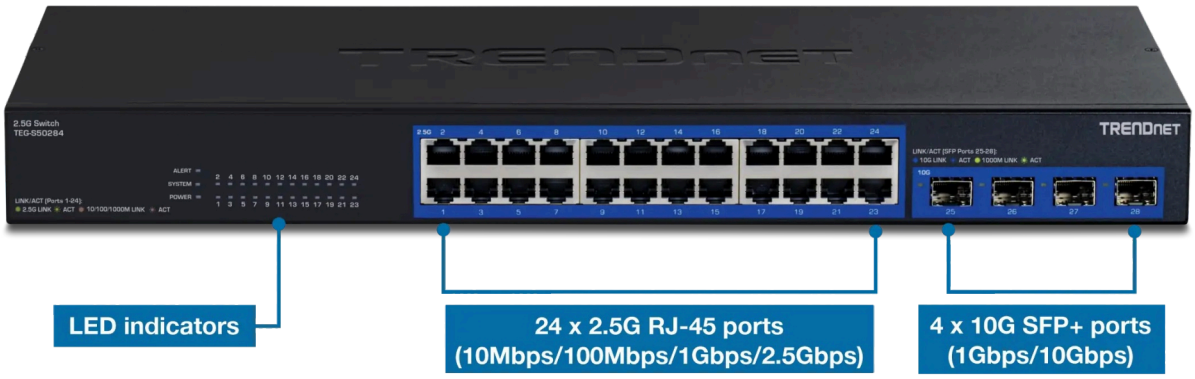
19” Rackmount
Sturdy rack mountable 1U housing with mounting kit included

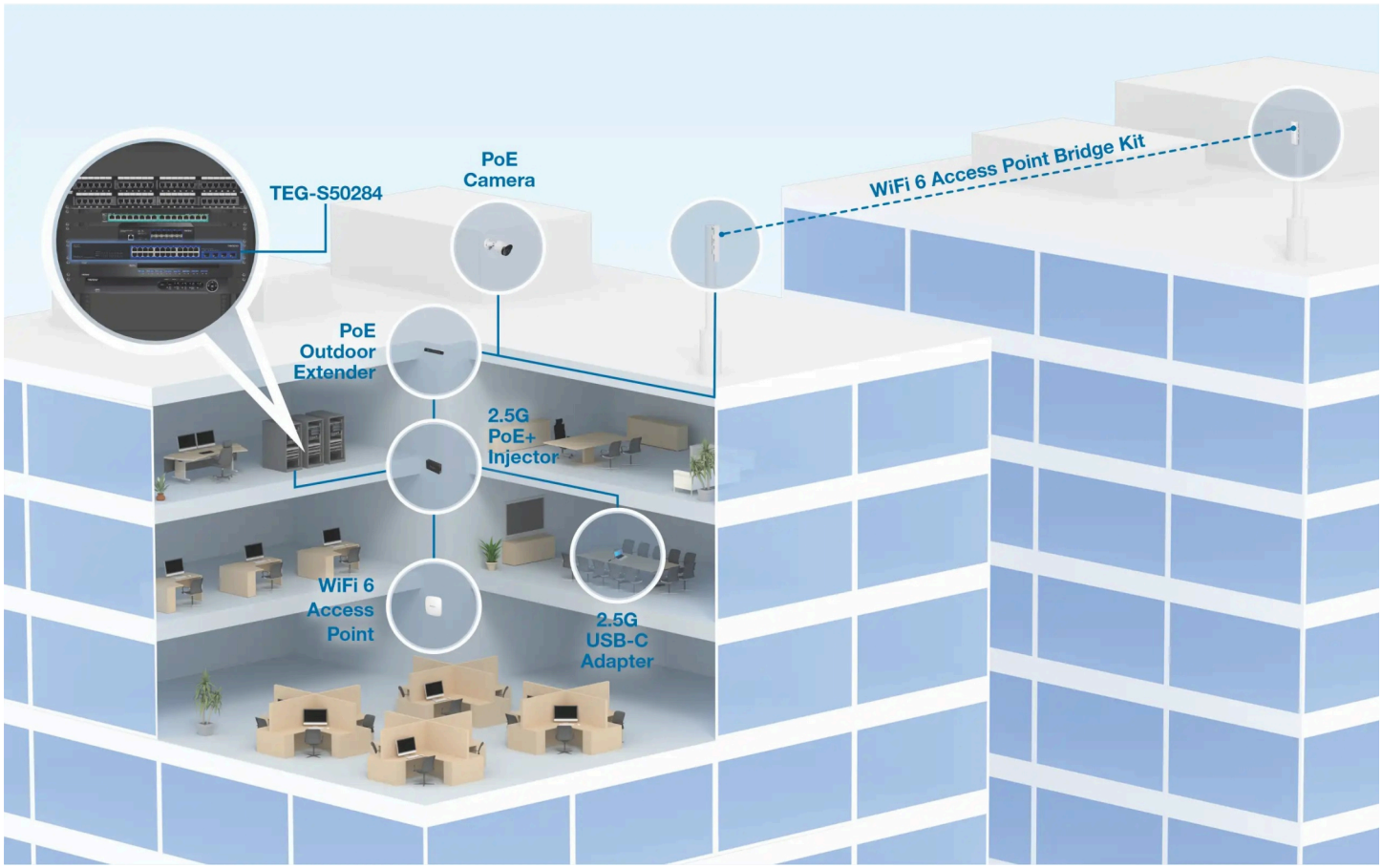
Jumbo Frame
Sends larger packets, or Jumbo Frames (up to 12KB), for increased performance

VLAN Passthrough
Supports IEEE 802.1Q to pass VLAN traffic

LED Indicators
LED indicators on this 28-port 2.5G switch conveniently convey port status

NETWORKING SOLUTION





SPECIFICATIONS

Standards
- IEEE 802.1Q
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3z
- IEEE 802.3ab
- IEEE 802.3ae
- IEEE 802.3az
- IEEE 802.3bz

Device Interface
- 24 x 2.5G RJ-45 ports (10Mbps/100Mbps/1Gbps/2.5Gbps)
- 4 x 10G SFP+ ports (1Gbps/10Gbps)
- LED indicators

Data Transfer Rate
- Ethernet: 10Mbps (half duplex) 20Mbps (full duplex)
- Fast Ethernet: 100Mbps (half duplex) 200Mbps (full duplex)
- Gigabit: 2Gbps (full duplex)
- 2.5 Gigabit: 5Gbps (full duplex)
- Gigabit SFP: 2Gbps (full duplex)
- 10G SFP+: 20Gbps (full duplex)

Performance
- Switching Capacity: 200Gbps
- RAM Buffer: 2MB
- Jumbo Frames: 12KB
- MAC Address Table: 32K entries
- Forwarding Rate: 148.8Mpps (64-byte packet size)

Special Features
- Rack mountable
- 802.1Q VLAN tag passthrough
- 802.1p QoS CoS tag passthrough
- ESD 6kV for ethernet ports

Power
- Input: 90 – 264V AC, 47/63 Hz
- Output: 12V DC, 5A
- Max. Consumption: 38.88W

Fan/Acoustics
- Quantity: 2
- Smart fans

MTBF
- 426,000 hours @ 25° C

Operating Temperature
- 0° – 50° C (32° – 122° F)

Operating Humidity
- Max. 90% non-condensing

Dimensions (L x W x H)
- 440 x 196 x 44mm (17.36 x 7.71 x 1.73 in.)

Weight
- 2890g (6.37lbs)

Certifications
- FCC
- CE
- LVD

Warranty
- Lifetime Warranty

Package Contents
- TEG-S50284
- 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.

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