



## 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
- Fanless design eliminates noise
- Rack mountable or wall mountable for installation flexibility
- 200Gbps switching capacity
- IEEE 802.3bz (2.5G) and IEEE 802.3ae (10G SFP+) compliant
- 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 fanless design lowers energy consumption and eliminates operating noise. 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.



### Fanless

The fanless design of this 28-port 2.5G switch lowers energy consumption costs and eliminates operating noise.

## 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



### Fanless

Fanless design on the 28-port 2.5G switch lowers energy consumption and eliminates operating noise



### 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

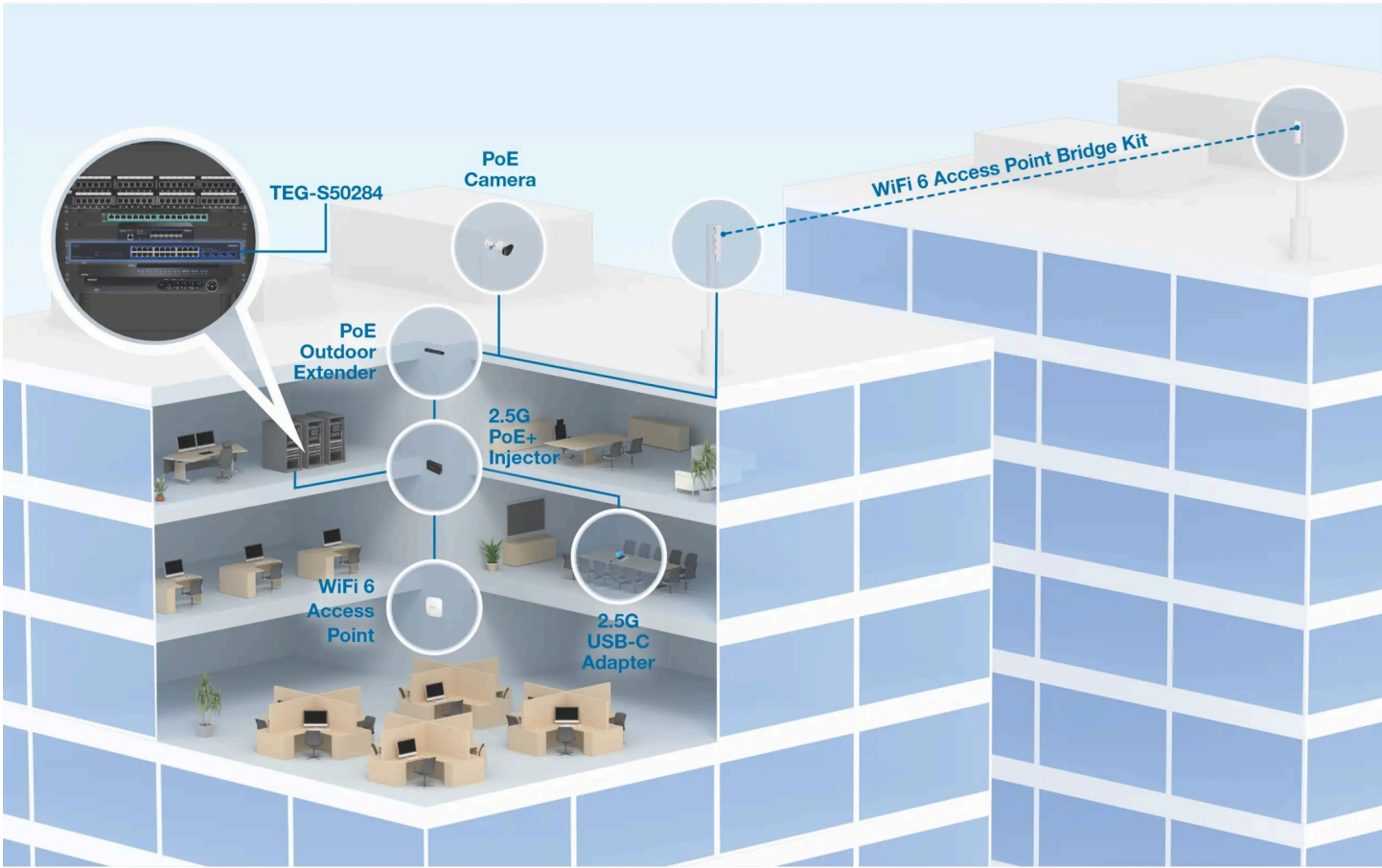
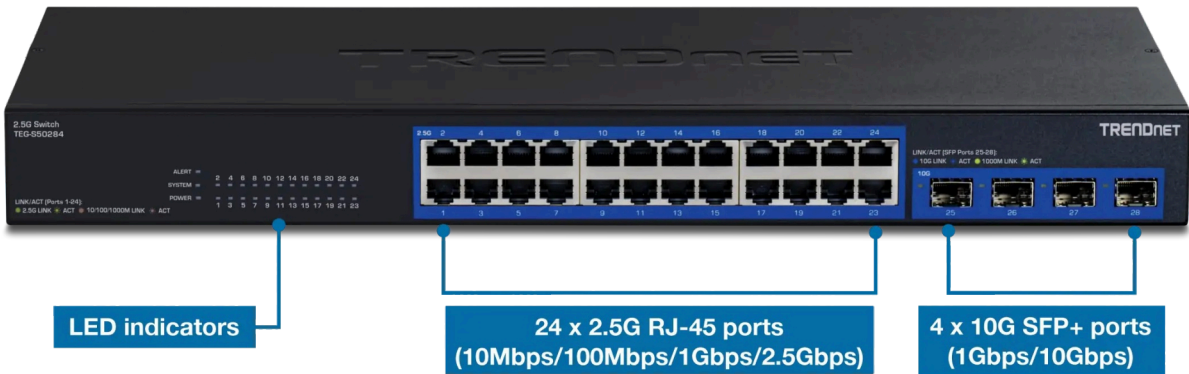
Supports IEEE 802.1Q to pass VLAN traffic



### 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: 59.52Mpps (64-byte packet size)

### Special Features

- Rack mountable
- VLAN Passthrough
- ESD 6kV for ethernet ports

### Power

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

### Fan/Acoustics

- Fanless design

### 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.