# TRENDnet®



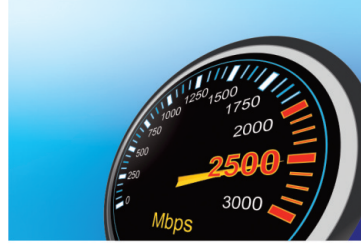# 6-Port Unmanaged Multi-Gig Switch

TEG-S562 (v1.0R)

- 4 x 2.5GBASE-T ports
- 2 x 10G SFP+ ports
- IEEE 802.3bz (2.5G) compliant
- IEEE 802.3ae (SFP+) compliant
- Backwards compatible with 100/1000BASE-T devices
- 60Gbps switching capacity
- Compact fanless design eliminates noise
- Wall mountable for installation flexibility
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

Expand your network's bandwidth and reduce traffic bottlenecks with TRENDnet's Unmanaged Multi-Gigabit Switches. This 2.5G switch with SFP+ support comes equipped with 2.5GBASE-T RJ-45 ports that provide higher gigabit speeds capable of up to 2.5Gbps over your existing Cat5e or better cabling. The 2.5G switch with 10G fiber also offers two dedicated 10G SFP+ ports for high-speed network connections, providing a cost-effective solution in adding 10G link capability to an SMB network. The fanless design lowers energy consumption and eliminates distracting operating noise. TRENDnet's reliable multi-gigabit switches are cost-effective solutions to increase your network's throughput.

### 10G SFP+ Ports

Offers two 10G SFP+ ports for high-speed network connections providing a cost-effective solution in adding 10G link capability.



### 2.5G Ports

Equipped with four 2.5GBASE-T RJ-45 ports that provide multi-gigabit speeds capable of up to 2.5Gbps over existing Cat5e or better cabling.



### Fanless

The compact fanless design lowers power consumption and energy costs, and eliminates distracting operating noise.

# FEATURES

### Easy Installation

No configuration needed, simply connect network devices to the 2.5G switch

### 2.5G Ports

Equipped with 2.5GBASE-T RJ-45 ports that provide higher gigabit 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

### Fanless

Compact fanless design lowers energy consumption and eliminates operating noise

### Housing Design

Sturdy metal housing

### Wall Mountable

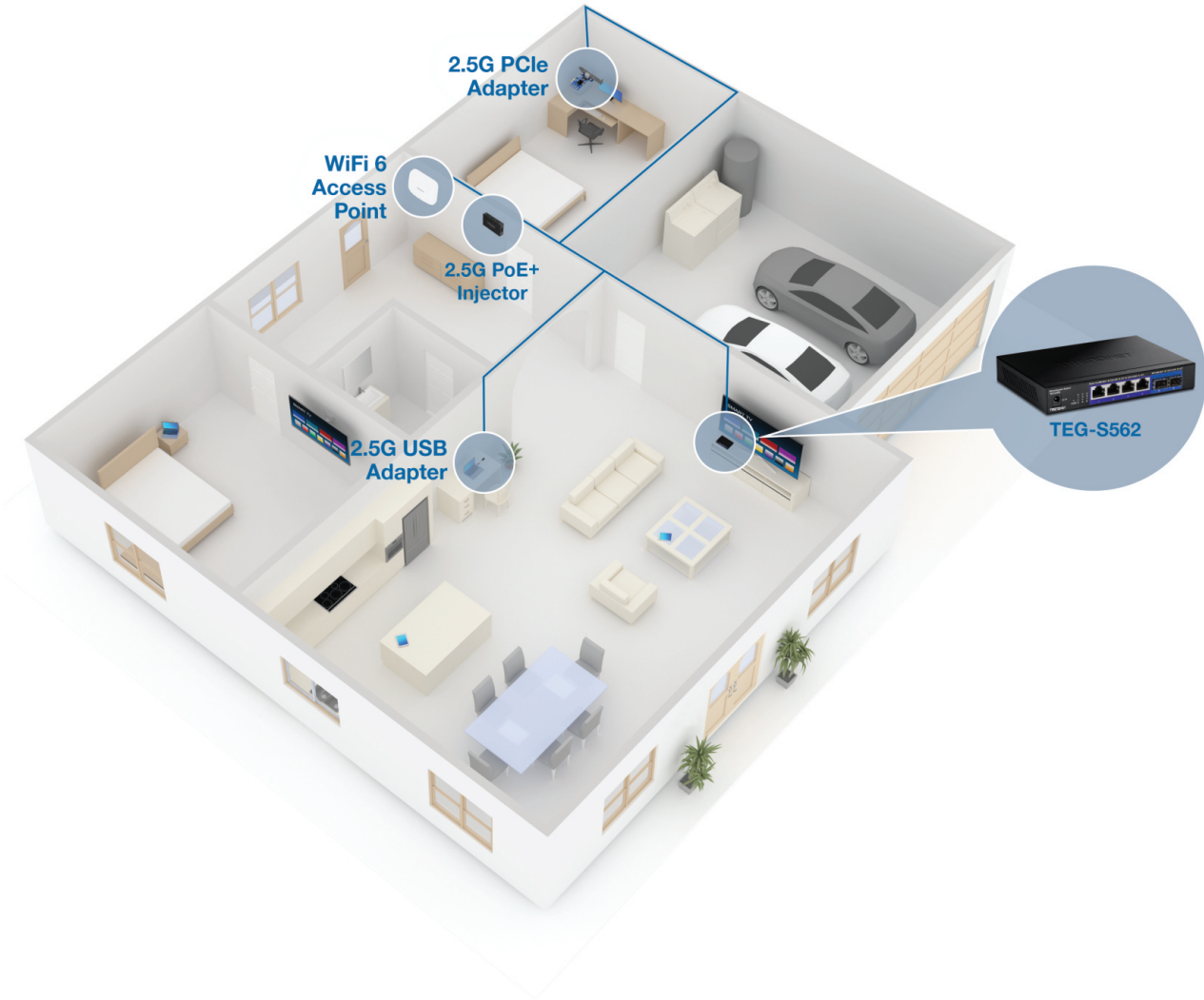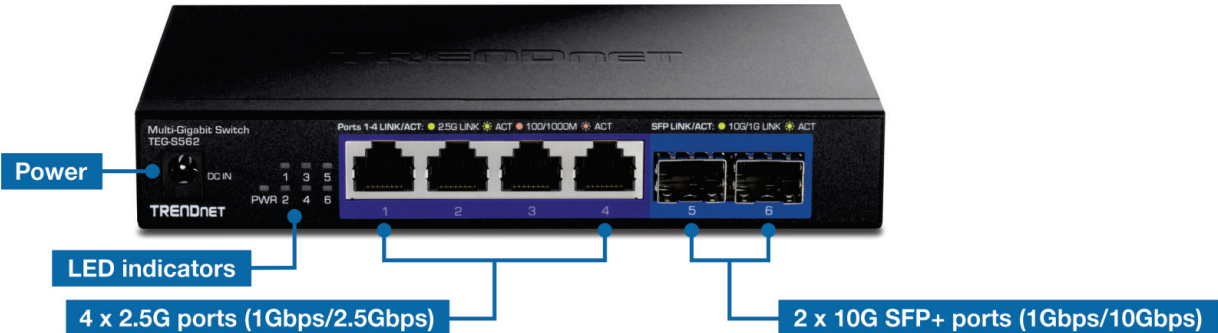Features a convenient wall-mountable design for greater installation flexibility

### Jumbo Frame

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

### LED Indicators

LED indicators on this 2.5G switch with SFP+ ports conveys port status

**Power**

**LED indicators**

**4 x 2.5G ports (1Gbps/2.5Gbps)**

**2 x 10G SFP+ ports (1Gbps/10Gbps)**



**2.5G PCIe Adapter**

**WiFi 6 Access Point**

**2.5G PoE+ Injector**

**2.5G USB Adapter**

**TEG-S562**

# SPECIFICATIONS

**Standards**

- IEEE 802.3ab
- IEEE 802.3ae
- IEEE 802.3an
- IEEE 802.3bz
- IEEE 802.1x

**Device Interface**

- 4 x 2.5G ports (1Gbps/2.5Gbps)
- 2 x 10G SFP+ ports (1Gbps/10Gbps)
- LED indicators

**Data Transfer Rate**

- Gigabit Ethernet: 2000Mbps (full duplex)
- 2.5G Ethernet: 5Gbps (full duplex)
- 10G SFP+: 20Gbps (full duplex)

**Performance**

- Switch fabric: 60Gbps
- RAM buffer: 1MB
- MAC address table: 4K entries
- Jumbo frames: 12KB
- Forwarding mode: Store and forward
- Forwarding rate: 44.64Mpps (64-byte packet size)

**Power**

- Input: 90 – 264V AC, 47/63 Hz
- Output: 12V, 1A
- Max. consumption: 5.86W

**MTBF**

- 1,079,150 hours @25°

**Fan / Acoustics**

- Fanless

**Operating Temperature**

- 0° – 40° C (32° – 104° F)

**Operating Humidity**

- Max. 90% non-condensing

**Dimensions**

- 160 x 110 x 26mm (6.2 x 4.3 x 1 in.)

**Weight**

- 0.4 kg (1 lbs.)

**Certifications**

- CE
- FCC
- LVD

**Warranty**

- 3 year

**Package Contents**

- TEG-S562
- Quick Installation Guide
- Power adapter (12V, 1A)

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.