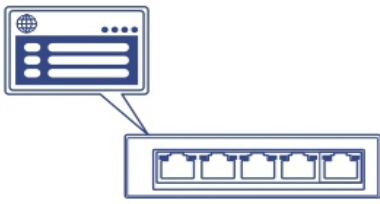


## 5-Port Gigabit EdgeSmart Switch

TEG-S50ES (v1.0R)

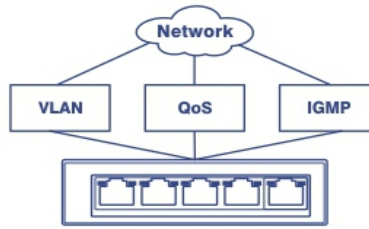
- 5 x Gigabit ports
- Easy to use web-based management interface
- Supports static link aggregation, RSTP, VLAN, QoS, and IGMP Snooping
- Voice VLAN for VoIP applications
- Bandwidth control per port
- 10Gbps switching capacity
- IEEE 802.1p CoS with queue scheduling support
- Compact fanless design
- Wall mountable metal housing

TRENDnet's 5-Port Gigabit EdgeSmart Switch, model TEG-S50ES, is a cost-effective switch solution for high-speed gigabit applications. This 5-port smart switch features the most commonly used managed switch features, reducing unnecessary switch complexity. The web-based management interface offers features for traffic control, RSTP, VLAN, QoS, access control, static link aggregation, and monitoring. TRENDnet's TEG-S50ES allows for simple network integration into your SMB network.



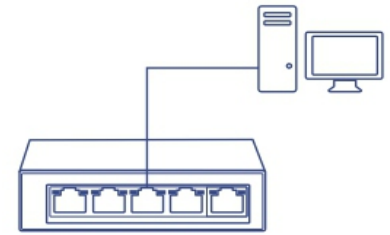
### EdgeSmart Management

Provides an easy-to-use web-based management interface for reduced switch configuration complexity and offers a combination of more commonly used SMB management features for simpler deployment.



### Integration Flexibility

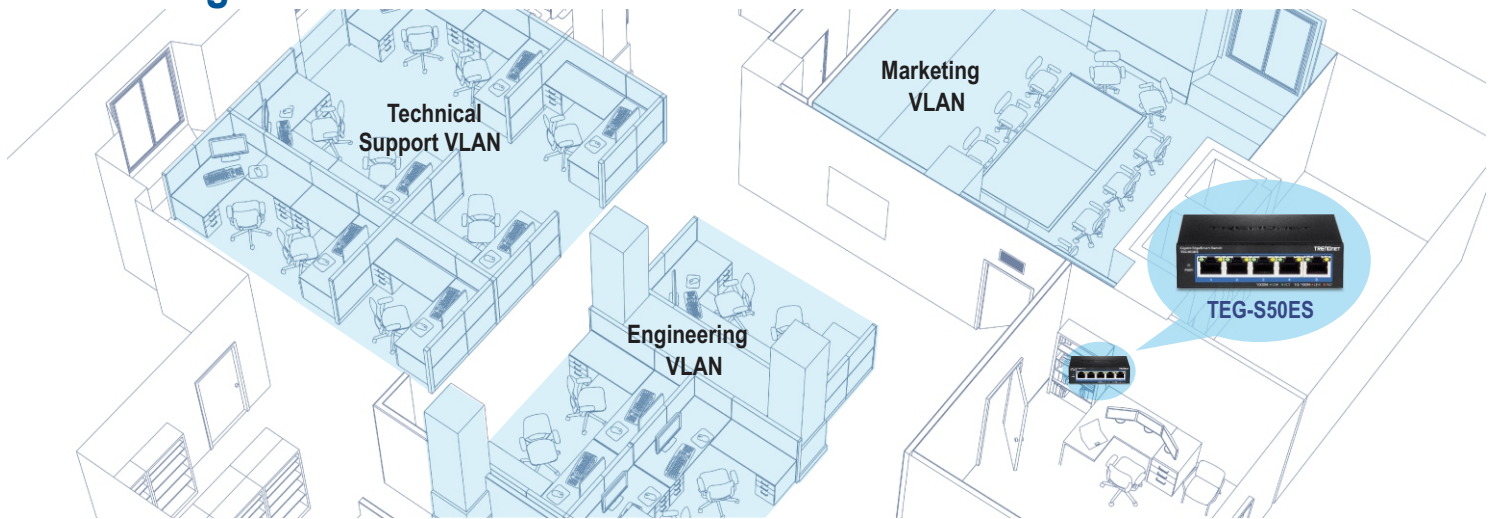
Managed features include loopback detection, RSTP, static link aggregation, VLAN, IGMP Snooping, and QoS for flexible network integration.



### Monitoring

The 5-port smart switch includes SNMP, SNMP Trap, and Port Mirroring for support administrator monitoring solutions.

## Networking Solution



#### Ports

Five gigabit ports provide a 10Gbps switching capacity



#### Monitoring

SNMP, SNMP Trap, and Port Mirroring support administrator monitoring solutions



#### Fanless

Its fanless design is ideal for quiet environments that require silent operation



#### Compact Design

With a compact and lightweight metal housing design this 5-port smart switch is well-suited for desktop or wall mount installations



#### Troubleshooting

Traffic statistics and a convenient cable diagnostic test



#### LED Indicators

LED indicators convey port status



#### Network Management

The web-based management interface offers features for loopback detection, RSTP, static link aggregation, VLAN, IGMP Snooping, and QoS

## Specifications

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.1d</li> <li>• IEEE 802.1w</li> <li>• IEEE 802.1p</li> <li>• IEEE 802.1Q</li> <li>• IEEE 802.3</li> <li>• IEEE 802.3u</li> <li>• IEEE 802.3x</li> <li>• IEEE 802.3ab</li> <li>• IEEE 802.3az</li> </ul>
<b>Device Interface</b>	<ul style="list-style-type: none"> <li>• 5 x Gigabit ports</li> <li>• LED indicators</li> <li>• Reset button</li> </ul>
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"> <li>• Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)</li> <li>• Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)</li> <li>• Gigabit Ethernet: 2000Mbps (full duplex)</li> </ul>
<b>Performance</b>	<ul style="list-style-type: none"> <li>• Switch fabric: 10Gbps</li> <li>• RAM buffer: 125KB</li> <li>• MAC Address Table: 2K entries</li> <li>• Jumbo Frames: 9KB</li> <li>• Forwarding rate: 7.44Mpps (64-byte packet size)</li> </ul>
<b>Management</b>	<ul style="list-style-type: none"> <li>• HTTP Web based GUI</li> <li>• SNMP v1, v2c</li> <li>• Cable diagnostic test</li> <li>• Backup/Restore Configuration</li> <li>• Upload Firmware</li> </ul>
<b>Spanning Tree</b>	<ul style="list-style-type: none"> <li>• IEEE 802.1d STP (spanning tree protocol)</li> <li>• IEEE 802.1w RSTP (rapid spanning tree protocol)</li> </ul>
<b>Link Aggregation</b>	<ul style="list-style-type: none"> <li>• Static link aggregation (1 group)</li> </ul>
<b>Quality of Service (QoS)</b>	<ul style="list-style-type: none"> <li>• Port-based QoS</li> <li>• 802.1p Class of Service (CoS)</li> <li>• Bandwidth Control/Rate Limiting per port (Min. Limit: 8Kbps)</li> <li>• Queue Scheduling: Strict Priority (SP), Weighted Fair Queueing (WFQ)</li> </ul>
<b>VLAN</b>	<ul style="list-style-type: none"> <li>• Port-based VLAN</li> <li>• 802.1Q Tagged VLAN</li> <li>• Up to 32 VLAN groups, ID Range 1-4094</li> <li>• Private VLAN</li> <li>• Asymmetric VLAN</li> <li>• Voice VLAN (5 user defined OUIs)</li> </ul>

<b>Multicast</b>	<ul style="list-style-type: none"> <li>• IGMP Snooping v1/2/3</li> <li>• Block unknown multicast source</li> <li>• Up to 32 multicast groups</li> </ul>
<b>Port Mirror</b>	<ul style="list-style-type: none"> <li>• One to one</li> <li>• Many to one</li> </ul>
<b>Storm Control</b>	<ul style="list-style-type: none"> <li>• Broadcast (Min. Limit: 8Kbps)</li> <li>• Multicast (Min. Limit: 8Kbps)</li> <li>• Loopback Detection</li> </ul>
<b>Special Features</b>	<ul style="list-style-type: none"> <li>• Enable/disable 802.3az Power Saving</li> <li>• Wall mountable</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>• Input: 100 – 240V AC, 50/60Hz, 0.2A</li> <li>• Output: 5V DC, 1A external power adapter</li> <li>• Max consumption: 3.42W</li> </ul>
<b>Fan / Acoustics</b>	<ul style="list-style-type: none"> <li>• Fanless design</li> </ul>
<b>MTBF</b>	<ul style="list-style-type: none"> <li>• 1,633,047 hours</li> </ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>• 0° – 40° C (32° – 104° F)</li> </ul>
<b>Operating Humidity</b>	<ul style="list-style-type: none"> <li>• Max. 90% non-condensing</li> </ul>
<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• 100.5 x 82 x 28mm (3.95 x 3.22 x 1.1 in.)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>• 224g (7.9 oz.)</li> </ul>
<b>Certifications</b>	<ul style="list-style-type: none"> <li>• CE</li> <li>• FCC</li> </ul>
<b>Warranty</b>	<ul style="list-style-type: none"> <li>• Lifetime Warranty</li> </ul>

### PACKAGE CONTENTS

- TEG-S50ES
- Quick Installation Guide
- Power adapter (5V DC, 1A)

TRENDnet offers a limited 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.