

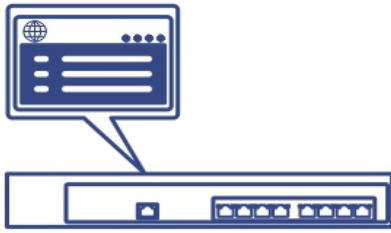


## 8-Port 10G EdgeSmart Switch

TEG-7080ES (v1.0R)

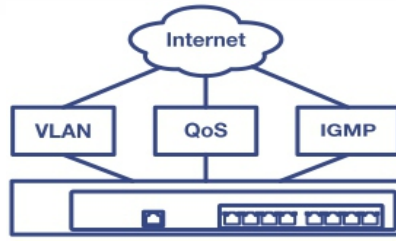
- 8 x 10GBASE-T ports
- Supports 2.5G/5G NBASE-T connection speeds
- Easy-to-use web-based management interface
- Supports LACP, VLAN, QoS, and IGMP Snooping
- Bandwidth control per port
- 160Gbps switching capacity
- IEEE 802.1p QoS with queue scheduling support
- 1U rack mountable (brackets included)

TRENDnet's 8-Port 10G EdgeSmart Switch, model TEG-7080ES, is a cost-effective switch solution for high-speed 10 Gigabit network connections. This EdgeSmart switch features the most commonly used managed switch features, reducing unnecessary switch complexity. The web-based management interface offers features for traffic control, VLAN, QoS, access controls, link aggregation, and monitoring. TRENDnet's TEG-7080ES allows for simple network integration into your SMB network.



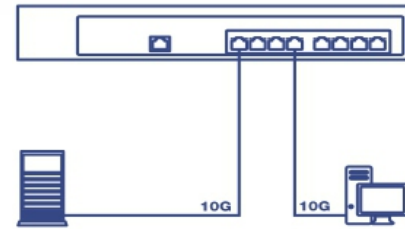
### EdgeSmart Management

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



### Integration Flexibility

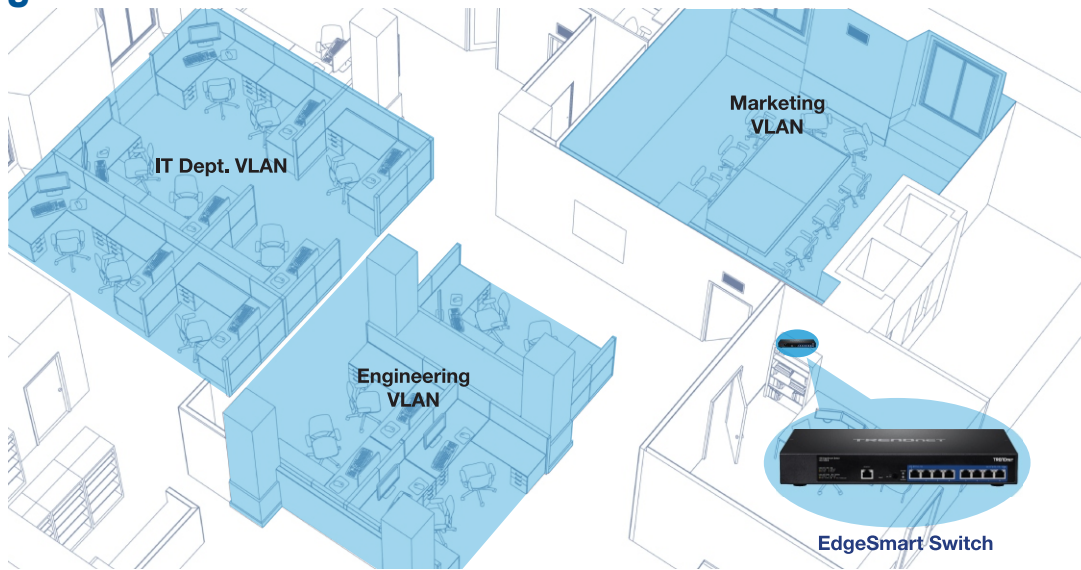
Managed features include access control lists, VLAN, IGMP Snooping, and QoS for flexible network integration.



### High-Speed 10GBASE-T

Offers eight 10GBASE-T Ethernet ports for high-speed network connections, providing a cost-effective solution in adding 10G link capability to an SMB network.

## Networking Solution



### Hardware Design

Provides eight 10GBASE-T ports for high-speed network connections, and 1U rack mountable.



### IPv6 Ready

This switch supports IPv6 configuration and IPv6 neighbor discovery.



### Network Management

A broad range of network configurations are supported by: 802.3ad link aggregation, 802.1Q VLAN, bandwidth controls, IGMP, loopback detection, port mirroring and 802.1p (QoS).



### 2.5G/5G NBASE-T

Connect NBASE-T supported devices at 2.5Gbps or 5Gbps for increased throughput over Cat5e or better cabling.



### Troubleshooting

Traffic statistics and a convenient cable diagnostic test aid in network troubleshooting.



### Smart Fan

Smart fan saves energy by auto-adjusting the fan speed and use based on cooling needs.



### LED Indicators

LED indicators convey port status

## Specifications

<b>Standards</b>	<ul style="list-style-type: none"> <li>• IEEE 802.1p</li> <li>• IEEE 802.1Q</li> <li>• IEEE 802.3u</li> <li>• IEEE 802.3x</li> <li>• IEEE 802.3ab</li> <li>• IEEE 802.3ad</li> <li>• IEEE 802.3az</li> <li>• IEEE 802.3an</li> <li>• IEEE 802.3bz</li> </ul>
<b>Device Interface</b>	<ul style="list-style-type: none"> <li>• 8 x 10GBASE-T (10Gbps, 5Gbps, 2.5Gbps, 1Gbps, 100Mbps)</li> <li>• 1 x RJ-45 console port</li> <li>• LED indicators</li> <li>• LED on/off button</li> <li>• Reset button</li> </ul>
<b>Data Transfer Rate</b>	<ul style="list-style-type: none"> <li>• Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)</li> <li>• Gigabit Ethernet: 2Gbps (full duplex)</li> <li>• 2.5 Gigabit Ethernet: 5Gbps (full duplex)</li> <li>• 5 Gigabit Ethernet: 10Gbps (full duplex)</li> <li>• 10 Gigabit Ethernet: 20Gbps (full duplex)</li> </ul>
<b>Performance</b>	<ul style="list-style-type: none"> <li>• Switch fabric: 160Gbps</li> <li>• RAM buffer: 2MB</li> <li>• MAC Address Table: 16K entries</li> <li>• Jumbo Frames: 9KB</li> <li>• Forwarding rate: 119Mpps (64-byte packet size)</li> </ul>
<b>Management</b>	<ul style="list-style-type: none"> <li>• CLI (Console) for IP address settings and password configuration only</li> <li>• HTTP / HTTPS (SSL v2/3 TLS 1.2) web based GUI</li> <li>• Enable/disable 802.3az Power Saving</li> <li>• Cable diagnostic test</li> <li>• IPv6: IPv6 Static IP</li> </ul>
<b>Link Aggregation</b>	<ul style="list-style-type: none"> <li>• Static link aggregation and 802.3ad dynamic LACP (Up to 4 groups)</li> </ul>
<b>Quality of Service (QoS)</b>	<ul style="list-style-type: none"> <li>• 802.1p Class of Service (CoS)</li> <li>• Bandwidth Control per port</li> <li>• Queue Scheduling: Strict Priority (All-High-Before-Low), Weighted Round Robin (WRR)</li> </ul>
<b>VLAN</b>	<ul style="list-style-type: none"> <li>• 802.1Q Tagged VLAN</li> <li>• Asymmetric VLAN</li> <li>• Up to 16 VLAN groups, ID Range 1-4094</li> </ul>
<b>Multicast</b>	<ul style="list-style-type: none"> <li>• IGMP Snooping v1, v2</li> </ul>

<b>Port Mirror</b>	<ul style="list-style-type: none"> <li>• One to one</li> <li>• Many to one</li> </ul>
<b>Access Control</b>	<ul style="list-style-type: none"> <li>• Loopback Detection</li> <li>• Trusted Host/IP Access List</li> </ul>
<b>Minimum Cable Requirements</b>	<ul style="list-style-type: none"> <li>• 10GBASE-T (10Gbps): Cat 6 twisted pair @ 55 m / 180 ft. (max.) / Cat 6a or Cat 7 twisted pair @ 100 m / 328 ft. (max.)</li> <li>• NBASE-T™ (5Gbps): Cat 6 twisted pair @ 100 m / 328 ft. (max.)</li> <li>• NBASE-T™ (2.5Gbps): Cat 5e twisted pair @ 100 m / 328 ft. (max.)</li> <li>• 1000BASE-T (1Gbps): Cat 5e twisted pair @ 100 m / 328 ft. (max.)</li> <li>• 100BASE-TX (100Mbps): Cat 5 twisted pair @ 100 m / 328 ft. (max.)</li> </ul>
<b>Power</b>	<ul style="list-style-type: none"> <li>• Input: 100 – 240V AC, 50/60Hz, internal power supply</li> <li>• Output: 12V DC, 3.5A</li> <li>• Max. Consumption: 28.5W</li> </ul>
<b>Smart Fan / Acoustics</b>	<ul style="list-style-type: none"> <li>• Quantity: 2</li> <li>• Noise Level: 39.5 dBA (max.)</li> </ul>
<b>MTBF</b>	<ul style="list-style-type: none"> <li>• 207,390 hours</li> </ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>• 0° – 50° C (32° – 122° 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>• 330 x 230 x 44mm (13 x 9 x 1.73 in.)</li> <li>• Rack mountable 1U height</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>• 2.31kg (5.01 lbs.)</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</li> </ul>

### PACKAGE CONTENTS

- TEG-7080ES
- Quick Installation Guide
- Power cord
- RJ-45 to RS-232 console cable (1 m / 3.28 ft.)
- Rackmount kit

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.