

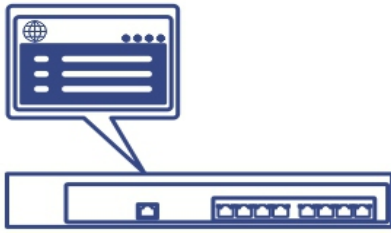


8-Port 10G EdgeSmart Switch

TEG-7080ES (v1.0R)

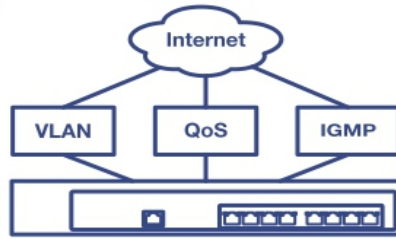
- 8 x 10GBASE-T ports
- Supports 2.5G/5G NBASE-T connection speeds
- Easy-to-use web-based management interface
- Supports LACP, VLAN, QoS, and IGMP Snooping
- Bandwidth control per port
- 160Gbps switching capacity
- IEEE 802.1p QoS with queue scheduling support
- 1U rack mountable (brackets included)

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.



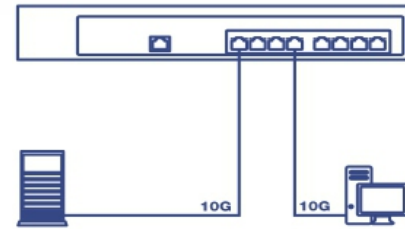
EdgeSmart Management

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

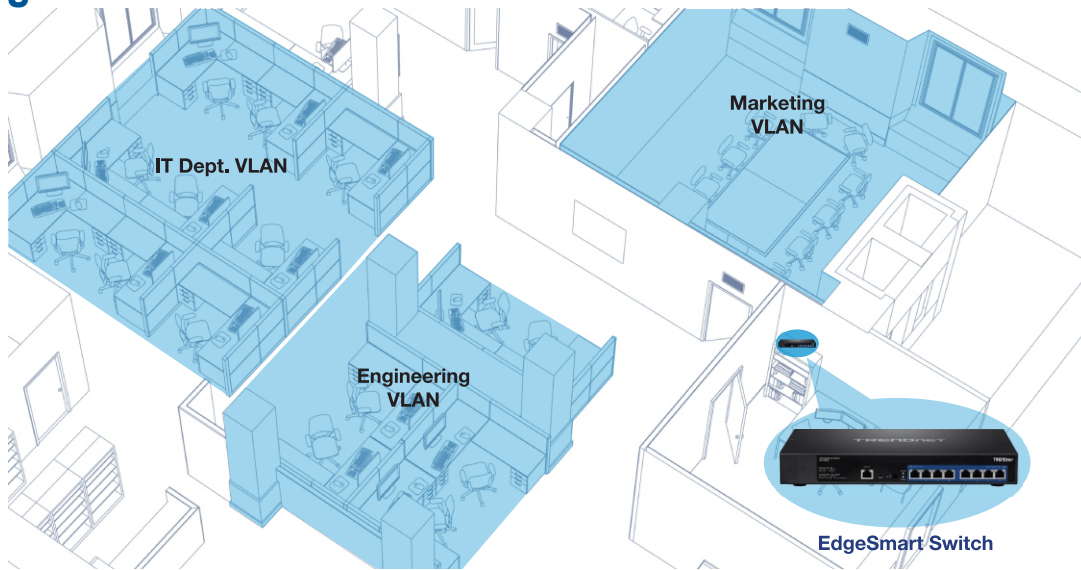
Managed features include access control lists, VLAN, IGMP Snooping, and QoS for flexible network integration.



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

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

Port Mirror	<ul style="list-style-type: none"> • One to one • Many to one
Access Control	<ul style="list-style-type: none"> • Loopback Detection • Trusted Host/IP Access List
Minimum Cable Requirements	<ul style="list-style-type: none"> • 10GBASE-T (10Gbps): Cat 6 twisted pair @ 55 m / 180 ft. (max.) / Cat 6a or Cat 7 twisted pair @ 100 m / 328 ft. (max.) • NBASE-T™ (5Gbps): Cat 6 twisted pair @ 100 m / 328 ft. (max.) • NBASE-T™ (2.5Gbps): Cat 5e twisted pair @ 100 m / 328 ft. (max.) • 1000BASE-T (1Gbps): Cat 5e twisted pair @ 100 m / 328 ft. (max.) • 100BASE-TX (100Mbps): Cat 5 twisted pair @ 100 m / 328 ft. (max.)
Power	<ul style="list-style-type: none"> • Input: 100 – 240V AC, 50/60Hz, internal power supply • Max. Consumption: 28.5W
Smart Fan / Acoustics	<ul style="list-style-type: none"> • Quantity: 2 • Noise Level: 39.5 dBA (max.)
MTBF	<ul style="list-style-type: none"> • 207,390 hours
Operating Temperature	<ul style="list-style-type: none"> • 0° – 50° C (32° – 122° F)
Operating Humidity	<ul style="list-style-type: none"> • Max. 90% non-condensing
Dimensions	<ul style="list-style-type: none"> • 330 x 230 x 44mm (13 x 9 x 1.73 in.) • Rack mountable 1U height
Weight	<ul style="list-style-type: none"> • 2.31kg (5.01 lbs.)
Certifications	<ul style="list-style-type: none"> • CE • FCC
Warranty	<ul style="list-style-type: none"> • Lifetime

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.