

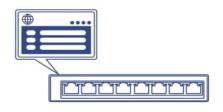
8-Port Gigabit EdgeSmart Switch

TEG-S80ES (v1.0R)

- · 8 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
- 16Gbps switching capacity
- · IEEE 802.1p CoS with queue scheduling support
- · Compact fanless design
- · Wall mountable metal housing

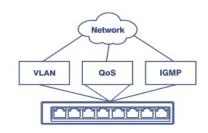
TRENDnet's 8-Port Gigabit EdgeSmart Switch, model TEG-S80ES, is a cost-effective desktop managed switch solution for high-speed gigabit applications. This EdgeSmart switch features the most commonly used managed switch features, reducing unnecessary switch complexity. The web-based management interface offers features for traffic control, RSTP, VLAN, QoS, access control, static link aggregation, and monitoring. TRENDnet's TEG-S80ES allows for simple network integration into your SMB network.

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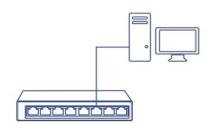
EdgeSmart Management

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 easy deployment.



Integration Flexibility

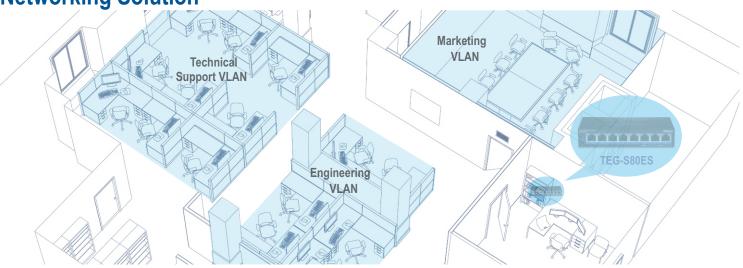
Managed features include loopback detection, RSTP, static link aggregation, VLAN, IGMP Snooping, and QoS for flexible network integration.



Monitoring

This desktop managed switched offers SNMP, SNMP Trap, and Port Mirroring for support administrator monitoring solutions.

Networking Solution





Ports

Eight gigabit ports provide a 16Gbps switching capacity



Compact Design

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



Network Management

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



Monitoring

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



Troubleshooting

Traffic statistics and a convenient cable diagnostic test



Fanless

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



LED Indicators

The desktop managed switch includes LED indicators that convey port status



Specifications

Standards	• IEEE 802.1d • IEEE 802.1w • IEEE 802.1p • IEEE 802.1Q • IEEE 802.3 • IEEE 802.3u • IEEE 802.3x • IEEE 802.3ab • IEEE 802.3az
Device Interface	8 x Gigabit ports LED indicators Reset button
Data Transfer Rate	Ethernet: 10Mbps (half duplex), 20Mbps (full duplex) Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex) Gigabit Ethernet: 2000Mbps (full duplex)
Performance	Switch fabric: 16Gbps RAM buffer: 192KB MAC Address Table: 4K entries Jumbo Frames: 9KB Forwarding rate: 11.9Mpps (64-byte packet size)
Management	HTTP Web based GUI SNMP v1, v2c Cable diagnostic test Backup/Restore Configuration Upload Firmware
Spanning Tree	IEEE 802.1d STP (spanning tree protocol) IEEE 802.1w RSTP (rapid spanning tree protocol)
Link Aggregation	Static link aggregation (up to 2 groups)
Quality of Service (QoS)	Port-based QoS 802.1p Class of Service (CoS) Bandwidth Control/Rate Limiting per port (Min. Limit: 8Kbps) Queue Scheduling: Strict Priority (SP), Weighted Fair Queueing (WFQ)
VLAN	Port-based VLAN 802.1Q Tagged VLAN Up to 32 VLAN groups, ID Range 1-4094 Private VLAN Asymmetric VLAN Voice VLAN (5 user defined OUIs)

Multicast	IGMP Snooping v1/2/3 Block unknown multicast source Up to 32 multicast groups
Port Mirror	One to one Many to one
Storm Control	Broadcast (Min. Limit: 8Kbps) Multicast (Min. Limit: 8Kbps) Loopback Detection
Special Features	Enable/disable 802.3az Power Saving Wall mountable
Power	 Input: 100 – 240V AC, 50/60Hz, 0.2A Output: 5V DC, 1A external power adapter Max consumption: 4.94W
Fan / Acoustics	Fanless design
MTBF	• 1,525,460 hours
Operating Temperature	• 0° – 40° C (32° – 104° F)
Operating Humidity	Max. 90% non-condensing
Dimensions	• 145 x 82 x 28mm (5.7 x 3.22 x 1.1 in.)
Weight	• 317g (11.18 oz.)
Certifications	• CE • FCC
Warranty	Lifetime Warranty

PACKAGE CONTENTS

- TEG-S80ES
- 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.