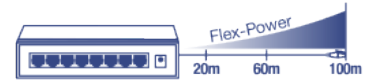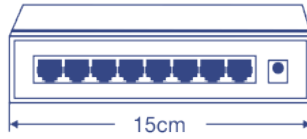# 8-Port Gigabit GREENnet Switch

TEG-S80g (v4.1R)

- Plug and play installation
- 8 x Gigabit ports
- 16Gbps switching capacity
- Up to 70% energy savings with GREENnet technology*
- Wall mountable metal housing

The 8-Port Gigabit GREENnet Switch, model TEG-S80g, provides high bandwidth performance, ease of use, and reliability, all while reducing power consumption by up to 70%*. GREENnet technology automatically adjusts power consumption as needed, resulting in substantial energy savings. Embedded GREENnet technology works right out of the box with no management requirement.

Boost office network efficiency and eliminate network congestion with gigabit speeds and a total switching capacity of 16Gbps with full-duplex mode. Integrate this sturdy metal switch for reliable high speed network connectivity.

GIGABIT SPEEDS

Gigabit Speeds

8 gigabit ports provide high-speed network connections to devices and a 16Gbps switching capacity allows data traffic to flow smoothly, reducing traffic bottlenecks.
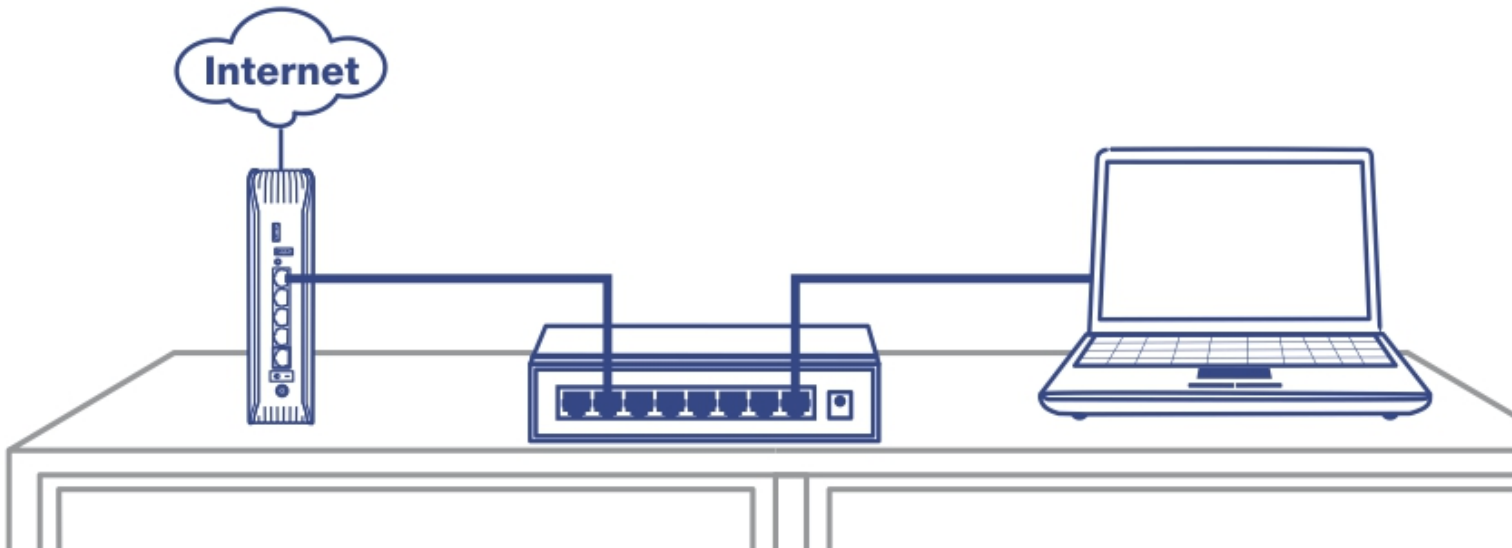

15cm

Compact Design

With a compact and lightweight metal housing design, this switch is well-suited for desktop installations. Its fanless design is perfect for quiet environments that require silent operation.

Flex-Power
20m   60m   100m

Energy Savings

Embedded GREENnet technology provides cost savings and reduces power consumption by up to 70%, by limiting port power consumption during periods of low link utilization.

NETWORKING SOLUTION

Internet

FEATURES

Easy Setup
Simply power up the switch and plug in connected devices

Ports
8 x Gigabit Ethernet ports

Switching Capacity
16Gbps switching capacity

Jumbo Frame
Sends larger packets, or Jumbo Frames (up to 9KB), for increased performance

Fanless
Fanless design lowers energy consumption and eliminates operating noise

Housing Design
Compact and lightweight metal housing

LED Indicators
LEDs convey power, link, and activity

SPECIFICATIONS

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.3ab
- IEEE 802.3az

Device Interface
- 8 x Gigabit ports
- LED indicators

Data Transfer Rate
- Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)
- Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)
- Gigabit: 2000Mbps (full duplex)

Performance
- Data RAM buffer: 192KB
- Switch fabric: 16Gbps
- MAC address table: 4K
- Forwarding rate: 11.9Mpps (64-byte packet size)
- Jumbo frame: 9KB

Special Features
- GREENnet energy saving technology
- Metal enclosure
- Wall Mountable

Power
- Input: 100 – 240V AC, 50/60Hz, 0.15A
- Output: 5V DC, 1A external power adapter
- Max. consumption: 4W

Fan/Acoustics
- Fanless design

MTBF
- 2,082,116 Hours

Operating Temperature
- 0° – 40° C (32° – 104° F)

Operating Humidity
- Max. 90% non-condensing

Dimensions
- 150 x 97 x 28mm (5.9 x 3.8 x 1.1 in.)

Weight
- 365g (12.9 oz.)

Certifications
- CE
- FCC

Warranty
- 3 years

Package Contents
- TEG-S80g
- Quick Installation Guide
- Power adapter (5V DC, 1A)