

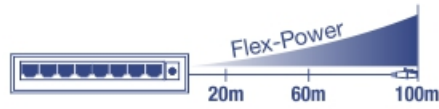
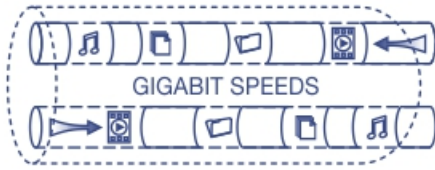


8-Port Gigabit GREENnet Switch

TEG-S81g (v3.0R)

- Plug and Play installation
- 8 x Gigabit ports
- 16 Gbps switching capacity
- Up to 70% energy savings with GREENnet technology*

The 8-Port Gigabit GREENnet Switch, model TEG-S81g, provides high bandwidth performance, ease of use, and reliability, 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 16 Gbps with full-duplex mode. A built-in universal power supply reduces cable clutter and diagnostic LEDs help with network troubleshooting.



Gigabit Speeds

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

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.

Compact Design

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

Networking Solution



LED indicators



Gigabit ports

Power port



Plug and Play

Simply power up the switch and plug in connected devices



Ports

8 x Gigabit Ethernet ports



Switching Capacity

16 Gbps switching capacity



Jumbo Frame

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



Fanless

Fanless design lowers energy consumption and reduces operating noise



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 entries
- Forwarding rate: 11.9Mpps (64-byte packet size)
- Jumbo frame: 9KB

Special Features

- GREENnet energy saving technology

Power

- Input: 90 - 260V AC, 50/60 Hz, 0.2 A
- Output: 5V DC, 1A
- Consumption: 3.68 Watts (max.)

Operating Temperature

- 0 – 40°C (32 - 104°F)

Operating Humidity

- Max. 90% non-condensing

Dimensions

- 140 x 76 x 27.5mm (5.5 x 3 x 1.1 in.)

Weight

- 153.4g (5.4 oz.)

Certifications

- CE
- FCC

Warranty

- 3 year limited

Package Contents

- TEG-S81g
- Quick Installation Guide
- Power Adapter (5V DC, 1A)

