

5-Port Gigabit GREENnet Switch

TEG-S50g (Version: v3.0R)

- GREENnet technology reduces power consumption by up to 70%*
- 5 x Gigabit Auto-Negotiation ports
- Build a high performance energy efficient Gigabit network in minutes
- Sturdy metal switch with a simple Plug and Play installation



The compact 5-Port Gigabit GREENnet Switch provides high bandwidth performance, ease of use and reliability, all while reducing power consumption by up to 70%.

GREENnet technology automatically adjusts power voltage as needed, resulting in substantial energy savings.

Boost your office efficiency and eliminate network congestion with Gigabit speeds and total switching capacity of 10Gbps with Full-Duplex Mode. Plug and Play this sturdy metal switch for reliable high-speed network connectivity.

Features

- 5 x 10/100/1000Mbps Auto-Negotiation, Auto-MDIX Gigabit Ethernet ports
- GREENnet technology reduces power consumption when:
 - a. Ethernet port is not in use
 - b. Connected device is turned off
 - c. Connected device is in power-saving mode
 - d. Based on Ethernet cable length
- Store-and-Forward switching architecture with non-blocking wire-speed performance
- IEEE 802.3x Flow Control for full-duplex mode
- Back pressure Flow Control for half-duplex mode
- Integrated address look-up engine with an 8K absolute MAC address table and 128KBytes RAM data buffering
- Operates and maximizes packet filtering and forwarding rate
- Physical layer port polarity detection and correction
- IEEE 802.3az Energy Efficient Ethernet and GREENnet technology
- Jumbo Frame support up to 9216Bytes
- Sturdy metal housing
- Diagnostic LEDs and Plug & Play
- 3-year limited warranty

Specifications

Hardware

Standards

IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX
 IEEE 802.3ab 1000Base-T; IEEE 802.3x Flow Control; IEEE 802.3az Energy Efficient Ethernet

Network Media

- Ethernet: Cat. 3,4,5, up to 100m
- Fast Ethernet: Cat. 5, up to 100m
- Gigabit Ethernet: Cat. 5, 5e,6, up to 100m

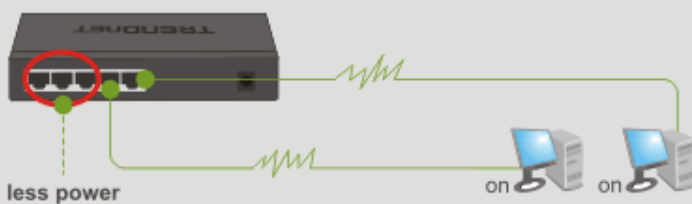
Data Rate	<ul style="list-style-type: none"> ▪ Ethernet: 10Mbps/20Mbps (half/full-duplex) ▪ Fast Ethernet: 100Mbps/200Mbps (half/full-duplex) ▪ Gigabit Ethernet: 2000Mbps (full-duplex)
Protocol / Topology	CSMA/CD, Star
Power Consumption	3 Watts (max)
Switch Fabric	10Gbps forwarding capacity
Interface	5 x 10/100/1000Mbps Auto-MDIX RJ-45 ports
Data RAM Buffer	128KBytes
Filtering Table	8K entries
Jumbo Frame Support	9216Bytes
Diagnostic LEDs	Power, Link/ACT, Speed
Power Adapter	5V DC, 1A external power adapter
Dimension	116 x 25 x 70mm (4.57 x 0.98 x 2.76 in.)
Weight	225 g (7.8 oz)
Temperature	<ul style="list-style-type: none"> ▪ Operating: 0° ~ 40° C (32° ~ 104° F) ▪ Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	Max. 90% (non-condensing)
Certifications	FCC, CE



Networking Solution

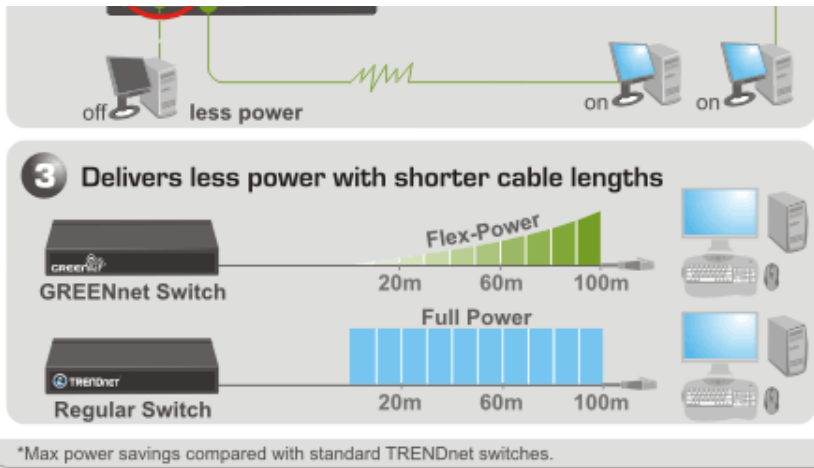
GREENnet Networking Solution

1 Delivers less power to unused ports



2 Delivers less power when devices are off





Package Contents

- TEG-S50g
- Multi-Language Quick Installation Guide
- Power Adapter (5V DC, 1A)

Ordering Information

20675 Manhattan Place
 Torrance, CA 90501
 USA

Tel: 1-310-961-5500
 Fax: 1-310-961-5511
 Web: www.trendnet.com
 Email: sales@trendnet.com

To Order Please Call
1-888-326-6061

Information provided in this document pertain to TRENDnet products and is subject to change at any time, without notice.
 Copyright © 2012 TRENDnet. All rights reserved.