



8-Port Gigabit GREENnet Switch

TEG-S82g (Version: v1.0R)

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







The compact 8-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 16 Gbps with Full-Duplex Mode. Plug and Play this sturdy metal switch for reliable high speed network connectivity.

Features

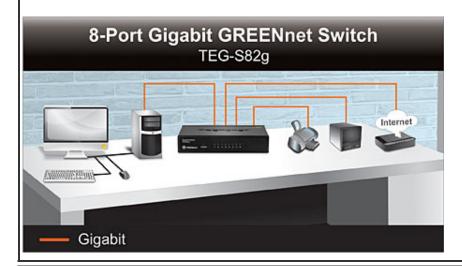
- 8 x Gigabit Auto-MDIX Gigabit Ethernet ports
- GREENnet technology reduces power consumption when:
 - Ethernet port is not in use
 - Connected device is turned off
 - Connected device is in power-saving mode
 - Based on Ethernet cable length
- Store-and-Forward switching architecture with non-blocking wire-speed performance
- IEEE 802.3x Flow Control for full-duplex mode
- Back pressure Flow Control for half-duplex mode
- 8 K absolute MAC address table
- 256 KBytes RAM data buffering
- Operates and maximizes packet filtering and forwarding rate
- IEEE 802.3az Energy Efficient Ethernet technology
- Jumbo Frame support up to 9216 Bytes
- Sturdy metal housing
- Diagnostic LEDs
- Plug & Play
- 3-year limited warranty

* Max power savings compared with standard TRENDnet switches.

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. 5 up to 100 m East Ethernet: Cat. 5 up to 100 m

	■ Gigabit Ethernet: Cat. 5, 5e, 6, up to 100 m
Data Rate	 Ethernet: 10 Mbps / 20 Mbps (half / full-duplex) Fast Ethernet: 100 Mbps / 200 Mbps (half / full-duplex) Gigabit Ethernet: 2000 Mbps (full-duplex)
Protocol / Topology	CSMA / CD, Star
Power Consumption	3.5 Watts (max)
Switch Fabric	16 Gbps forwarding capacity
Interface	8 x Gigabit Auto-MDIX RJ-45 ports
Data RAM Buffer	256 KBytes
Filtering Table	8 K entries
Jumbo Frame Support	9216 Bytes
Diagnostic LEDs	Power, Link / ACT, 100 Mbps / 1000 Mbps
Power Adapter	 Input: 100-240 V, 50/60 Hz, 190 mA Output: 5 V DC, 1 A external power adapter
Dimension	148 x 97 x 26 mm (5.8 x 3.8 x 1 in.)
Weight	380 g (13.4 oz)
Temperature	 Operating: 0° ~ 40° C (32° ~ 104° F) Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	Max. 90% (non-condensing)
Certifications	FCC, CE

Networking Solution



Package Contents

- TEG-S82g
- Multi-Language Quick Installation Guide
- Power adapter (5 V DC, 1 A)

Related Products



8-Port Gigabit GREENnet Switch TEG-S50g



8-Port Gigabit GREENnet Switch TEG-PCITXR



Ordering Information

 20675 Manhattan Place
 Tel: 1-310-961-5500

 Torrance, CA 90501
 Fax: 1-310-961-5511

 USA
 Web: www.trendnet.c

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.