TRENDnet®

5-Port Gigabit GREENnet Switch
TEG-S5g (V1.0R)

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

• 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 1K absolute MAC address table and 104KBytes RAM data buffering

• Operates and maximizes packet filtering and forwarding rate

• Jumbo Frame support up to 9612Bytes

• Diagnostic LEDs and Plug & Play

• 5 year limited warranty

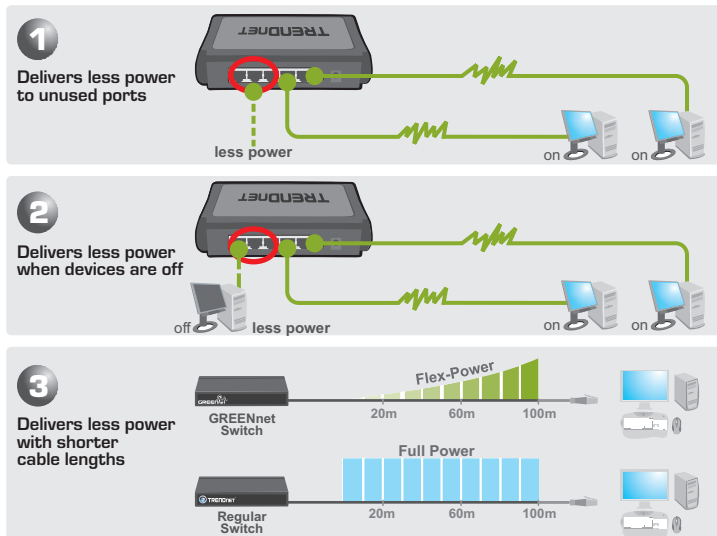# 5-Port Gigabit GREENnet Switch
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SPECIFICATIONS

Hardware	
Standards	• IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX • IEEE 802.3ab 1000Base-T; IEEE 802.3x Flow Control
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	• 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	• 3w (max)
Switch Fabric	• 10Gbps forwarding capacity
Interface	• 5 x 10/100/1000Mbps Auto-MDIX RJ-45 ports
Data RAM Buffer	• 104KBytes
Filtering Table	• 1K entries
Diagnostic LED	• Power, Link/ACT, 100Mbps, 1000Mbps
Power Adapter	• 5V DC, 2.5A external power adapter
Dimension	• 150 x 105 x 33mm (5.9x 4.1 x 1.3 in)
Weight	• 225g (8oz)
Temperature	• 0° ~ 50° C (32° ~ 122° F)
Humidity	• 10%~90% (non-condensing)
Certifications	• FCC, CE

*Max power savings compared with standard TRENDnet switches.

NETWORKING SOLUTIONS

1 Delivers less power to unused ports

less power   on   on

2 Delivers less power when devices are off

off   less power   on   on

3 Delivers less power with shorter cable lengths

Flex-Power
GREENnet Switch   20m   60m   100m

Full Power
Regular Switch   20m   60m   100m

PACKAGE CONTENTS

• TEG-S5g

• Multi-Language Quick Installation Guide

• Power Adapter

RELATED PRODUCTS

TEG-S80g	8-Port Gigabit GREENnet Switch
TEG-PCBUSR	10/100/1000Mbps Gigabit CardBus PC Card
TEG-PCITXR	10/100/1000Mbps Gigabit PCI Adapter

ORDERING INFORMATION

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