



16-Port Gigabit GREENnet Switch TEG-S16Dg (V1.0R)

The 16-Port Gigabit GREENnet Switch, model TEG-S16Dg, 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. 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 32Gbps with Full-Duplex mode. A built in universal power supply reduces cable clutter and diagnostic LEDs help with network troubleshooting. Plug and Play this sturdy metal switch for reliable high-speed network connectivity.

FEATURES

- 16 x 10/100/1000Mbps Auto-MDIX Gigabit Ethernet ports
- On / off power switch
- Features a 32Gbps forwarding capacity
- Internal power supply reduces clutter
- GREENnet technology reduces electrical 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
- IEEE 802.3az Energy Efficient Ethernet technology
- IEEE 802.3x Flow Control for full-duplex mode
- Back pressure Flow Control for half-duplex mode
- Store-and-Forward switching architecture with non-blocking wire-speed performance
- Integrated address look-up engine with an 8K MAC address table, and 2 MBits RAM data buffer
- Operates and maximizes packet filtering and forwarding rate
- Jumbo Frame support up to 9216Bytes
- Sturdy metal housing
- Diagnostic LEDs and Plug & Play support
- 3-year limited warranty

*Max power savings compared with standard TRENDnet switches.

16-Port Gigabit GREENnet Switch

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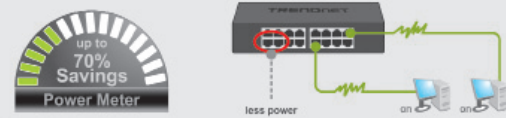
SPECIFICATIONS

HARDWARE

Standards	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Ethernet: Cat. 5 up to 100 m• Fast Ethernet: Cat. 5 and 5e up to 100 m• Gigabit Ethernet: Cat. 5e and 6 up to 100 m
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	<ul style="list-style-type: none">• CSMA/CD, Star
Power Consumption	<ul style="list-style-type: none">• 7.2 Watts (max.)
Switch Fabric	<ul style="list-style-type: none">• 32Gbps
Interface	<ul style="list-style-type: none">• 16 x 10/100/1000Mbps Auto-MDIX RJ-45 ports
Power Button	<ul style="list-style-type: none">• On / off power button
Data RAM Buffer	<ul style="list-style-type: none">• 2 MBits
Filtering Table	<ul style="list-style-type: none">• 8K entries
Jumbo Frame Support	<ul style="list-style-type: none">• Up to 9216Bytes
Diagnostic LED	<ul style="list-style-type: none">• Power, Link/ACT, 100Mbps, 1000Mbps
Power	<ul style="list-style-type: none">• 100~240VAC, 50/60Hz Internal universal switching power
Dimension	<ul style="list-style-type: none">• 280 x 180 x 44 mm (11 x 7 x 1.7 in.)
Weight	<ul style="list-style-type: none">• 1.5 kg (3.3 lbs.)
Temperature	<ul style="list-style-type: none">• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	<ul style="list-style-type: none">• Max. 90% (non-condensing)
Certifications	<ul style="list-style-type: none">• CE, FCC

NETWORKING SOLUTIONS

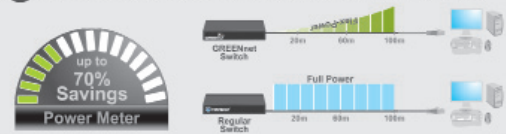
1 Reduces power consumption of unused ports



2 Reduces power consumption when devices are off or in standby mode



3 Reduces power consumption with shorter cable lengths



PACKAGE CONTENTS

TEG-S16Dg

Multi-Language Quick Installation Guide

Power cord (1.8m / 6ft.)

RELATED PRODUCTS

TEW-639GR	300Mbps Wireless N Gigabit Router
TEG-S24Dg	24-Port Gigabit GREENnet Switch
TEG-PCITXR	Gigabit PCI Adapter

CONTACT INFORMATION

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