



## 8-Port 10/100Mbps GREENnet Switch TE100-S80g (V1.0R)

The compact 8-Port 10/100Mbps GREENnet Switch (model TE100-S80g) provides improved 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 required.

Boost your office efficiency and reduce network congestion with a total switching capacity of 1.6Gbps with Full-Duplex Mode. Plug and Play this sturdy metal switch for reliable high-speed network connectivity.

## FEATURES

- 8 x 10/100Mbps Auto-Negotiation, Auto-MDIX 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
- Compliant with IEEE 802.3/IEEE 802.3u standards
- 1.6 Gbps switching fabric
- Store-and-Forward switching architecture with non-blocking wire-speed performance
- IEEE 802.3x flow control support
- Provides 1k MAC address entries
- Compliant with Windows, Linux, and Mac Operating Systems
- Sturdy metal housing
- Diagnostic LEDs
- Plug & Play installation
- 5-Year Limited Warranty

# 8-Port 10/100Mbps GREENnet Switch

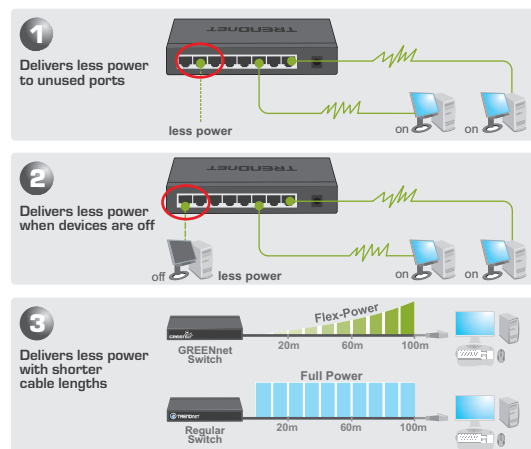
## TE100-S80g (V1.0R)

### SPECIFICATIONS

| Hardware            |                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards           | <ul style="list-style-type: none"><li>• IEEE 802.3 10Base-T</li><li>• IEEE 802.3u 100Base-TX</li><li>• IEEE 802.3x Flow Control</li></ul>                |
| Network Media       | <ul style="list-style-type: none"><li>• Ethernet: UTP/STP Cat. 3, 4, 5 up to 100m</li><li>• Fast Ethernet: UTP/STP Cat. 5, 5e, 6 up to 100m</li></ul>    |
| Data Rate           | <ul style="list-style-type: none"><li>• Ethernet: 10Mbps/20Mbps (Half/Full-Duplex)</li><li>• Fast Ethernet: 100Mbps/200Mbps (Half/Full-Duplex)</li></ul> |
| Protocol / Topology | <ul style="list-style-type: none"><li>• CSMA/CD, Star</li></ul>                                                                                          |
| Power Consumption   | <ul style="list-style-type: none"><li>• 2.5W (max.)</li></ul>                                                                                            |
| Switch Fabric       | <ul style="list-style-type: none"><li>• 1.6Gbps forwarding capacity</li></ul>                                                                            |
| Interface           | <ul style="list-style-type: none"><li>• 8 x 10/100Mbps Auto-MDIX RJ-45 ports</li></ul>                                                                   |
| Data RAM Buffer     | <ul style="list-style-type: none"><li>• 768Kbits</li></ul>                                                                                               |
| Filtering Table     | <ul style="list-style-type: none"><li>• 1K MAC entries</li></ul>                                                                                         |
| Diagnostic LED      | <ul style="list-style-type: none"><li>• Power, Link/ACT, 100Mbps</li></ul>                                                                               |
| Power Adapter       | <ul style="list-style-type: none"><li>• 7.5V DC, 1A external power adapter</li></ul>                                                                     |
| Dimensions          | <ul style="list-style-type: none"><li>• 136 x 25 x 70mm (5.35 x 0.98 x 2.76 in.)</li></ul>                                                               |
| Weights             | <ul style="list-style-type: none"><li>• 265g (9.2 oz)</li></ul>                                                                                          |
| Temperature         | <ul style="list-style-type: none"><li>• Operating: 0° ~ 40° C (32° ~ 104° F)</li><li>• Storage: -10° ~ 70° C (14° ~ 158° F)</li></ul>                    |
| Humidity            | <ul style="list-style-type: none"><li>• Operating: 10%~90% (non-condensing)</li><li>• Storage: 5%~90% (non-condensing)</li></ul>                         |
| Certifications      | <ul style="list-style-type: none"><li>• FCC , CE</li></ul>                                                                                               |

\*Max power savings compared with standard TRENDnet switches.

### NETWORKING SOLUTIONS



### PACKAGE CONTENTS

- TE100-S80g
- Multi-Language Quick Installation Guide
- Power adapter (7.5V DC, 1A)

### RELATED PRODUCTS

|              |                                |
|--------------|--------------------------------|
| TE100-PCIWN  | 10/100Mbps PCI Adapter         |
| TE100-PCBUSR | 10/100Mbps PC Card             |
| TEG-S80g     | 8-Port Gigabit GREENnet Switch |

### ORDERING INFORMATION

**TRENDnet**

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