TRENDNET®

24-Port 10/100Mbps GREENnet Switch
TE100-S24g (v1.0R)

The 24-Port 10/100Mbps GREENnet Switch provides improved bandwidth, ease of use, and reliability, all while reducing power consumption by up to 40%*.

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 efficiency and reduce network congestion with a total switching capacity of 4.8Gbps with Full-Duplex Mode. Plug and Play this sturdy metal rackmount switch for reliable high-speed network connectivity.

FEATURES

• 24 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

• 4.8Gbps switching fabric

• Store-and-Forward switching architecture with non-blocking wire-speed performance

• IEEE 802.3x flow control support

• Provides 8k MAC address entries

• 1.25Mbits RAM data buffer

• Sturdy metal housing

• Diagnostic LEDs
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• Plug & Play installation

• Standard 19" (1U) rackmount design

• 3-Year Limited Warranty

SPECIFICATIONS

Hardware	
Standards	• IEEE 802.3 10Base-T; IEEE 802.3u 100Base-TX; IEEE 802.3x Flow Control
Network Media	• Ethernet: UTP/STP Cat. 3, 4, 5 up to 100m • Fast Ethernet: UTP/STP Cat. 5, 5e, 6 up to 100m
Data Rate	• Ethernet: 10Mbps/20Mbps (half/full-duplex) • Fast Ethernet: 100Mbps/200Mbps (half/full-duplex)
Protocol / Topology	• CSMA/CD, Star
Power Consumption	• 6.5 watts (max.)
Switch Fabric	• 4.8Gbps forwarding capacity
Interface	• 24 x 10/100Mbps Auto-MDIX RJ-45 ports
RAM Data Buffer	• 1.25Mbits
Filtering Table	• 8K entries
Diagnostic LED	• Power, Link/ACT, 100Mbps
Power	• 100~240VAC, 50~60Hz, 0.4A Internal Power Supply
Dimension	• 440 x 140 x 44 mm (17.3 x 5.5 x 1.7 in.)
Weight	• 1.86 kg (4.1 lb.)
Temperature	• Operating: 0° ~ 40° C (32° ~ 104° F) • Storage: -10° ~ 70° C (14° ~ 158° F)
Humidity	• Operating: 10% ~ 90% (Non-Condensing) • Storage: 5% ~ 90% (Non-Condensing)
Certifications	• CE, FCC

* Max power savings compared with standard TRENDnet switches.

PACKAGE CONTENTS

- TE100-S24g
- Multi-Language Quick Installation Guide
- Power cord
- Rackmount kit

RELATED PRODUCTS

TE100-PCIWN	10/100Mbps PCI Adapter
TE100-PCBUSR	10/100Mbps PC Card
TEG-S50g	5-Port Gigabit GREENnet Switch

ORDERING INFORMATION

TRENDNET®

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