



User Manual

TNS008

Article		Article no.	
TNS008	Gigabit network switch	308001	
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			EN

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1 Safety Instructions



Read these instructions carefully before connecting the unit

ATTENTION

- Failure to comply with the specified precautionary measures may cause serious injury to persons or damage to property.
- The assembly, installation, additional electrical wiring, servicing and commissioning may only be performed by suitably qualified persons, technicians or installers in compliance with safety regulations.
- Damage due to improper installation and commissioning, defective connectors on cables or any other incorrect handling will void the warranty.

CAUTION

- Observe the relevant country-specific standards, regulations and guidelines on the installation and operation of such products.
- Before starting installation or service work disconnect the system from mains.
- Installation or service work should NEVER be undertaken during electrical / thunderstorms.
- Avoid short circuits!
- To ensure electromagnetic compatibility, make sure all connections are tight and that the covers are screwed on securely.
- Take action to prevent static discharge when working on the device!
- Refer to the rating label on the bottom of your product and ensure your power supply complies with this rating.
- DO NOT place the product on uneven or unstable work surfaces. Seek servicing if the casing has been damaged.
- DO NOT mount this equipment higher than 2 meters.



To prevent fire, short circuit or shock hazard:

- Do not expose the unit to rain or moisture.
- Install the unit in a dry location without infiltration or condensation of water.
- Do not expose it to dripping or splashing.
- Do not place objects filled with liquids, such as vases, on the apparatus.
- If any liquid should accidentally fall into the cabinet, disconnect the power plug.




 **To avoid any risk of overheating:**

- Do not place any items such as newspapers, tablecloths, curtains, on the unit that might cover the ventilation holes to prevent overheating.
- Do not place any naked flame sources, such as lit candles, on the apparatus.
- Do not install the product in a dusty place.
- Use the apparatus only in moderate climates (not in tropical climates).
- Respect the minimum and maximum temperature specifications.

 **To avoid any risk of electrical shocks:**

- The mains plug shall remain readily operable.
- Pull out power plug to make the different connections of cables.
- To avoid electrical shock, do not open the housing of the product.
- If the power supply is broken, do not attempt to repair it yourself. Contact a qualified service technician or your retailer.

**Maintenance**

-  Only use a dry soft cloth to clean the cabinet.
-  Do not use solvent.
-  For repairing and servicing, refer to qualified personnel.

**Dispose according your local authority's recycling processes**

Electronic devices should never be disposed of in the household rubbish. In accordance with directive 2002/96/EC of the European Parliament and the European Council from January 27, 2003 which addresses old electronic and electrical devices, such devices must be disposed of at a designated collection facility. At the end of its service life, please take your device to one of these public collection facilities for proper disposal.

2 Introduction

2.1 Product description

The TRIAX TNS008 is a compact and efficient Gigabit Ethernet switch designed to deliver reliable wired network connectivity in residential and small office environments. With eight auto-negotiating Gigabit Ethernet ports, it enables fast and stable data transmission without bottlenecks, making it well suited for internet access, HD streaming, IP services and file sharing.

Thanks to its plug-and-play operation and space-saving design, the TNS008 integrates seamlessly into existing network installations. It offers a straightforward and dependable solution for expanding wired network connections while maintaining consistent performance and ease of installation.

2.2 Main features

- Eight Gigabit Ethernet ports (10/100/1000 Mbps) for high-speed and flexible network connectivity
- Automatic MAC address learning and updating to ensure efficient data forwarding
- Auto MDI/MDIX support, allowing the use of standard Ethernet cables without crossover requirements
- Gigabit performance for smooth data transfer and improved network responsiveness
- Compact plastic housing, suitable for desktop placement or wall mounting

2.3 Package contents

- 1 × TNS008 switch
- 1 × Power adapter 100-240VAC/50-60Hz to DC 12V/1A with UK plug
- 1 × Quick installation guide

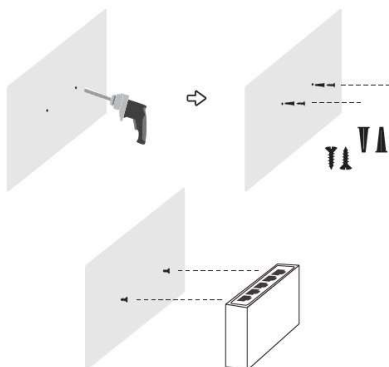
2.4 Installation

Preparation before installation:

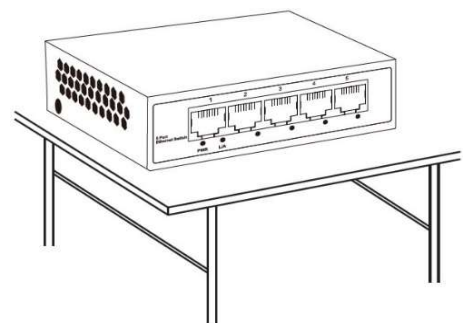
- **Observe instructions given at chapter 1**
- Connect the RJ45 connectors and finally connect the supplied power supply
- Once the device is powered, check that the switch completes its self-check and that the connected port LEDs are working normally (see chapter 3.3).

2.5 Installation Methods

Wall-mount installation (screws not supplied)

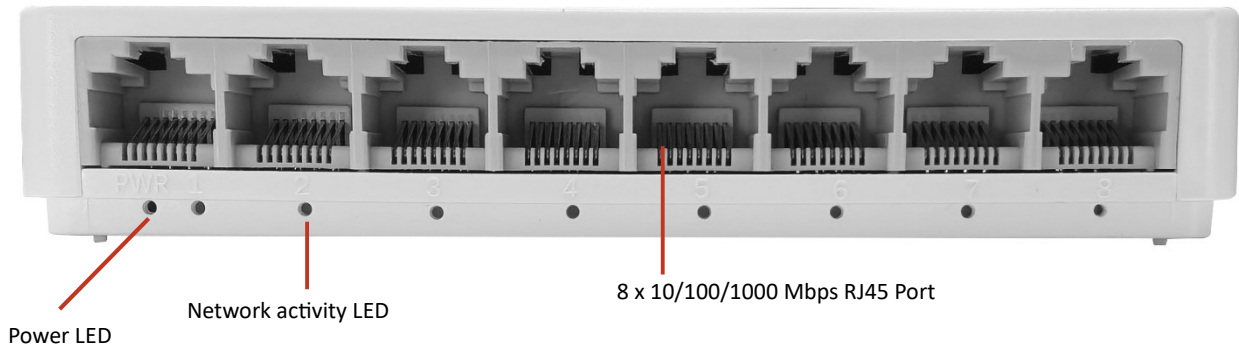


Desktop mount



3 Interface overview

3.1 Front panel



3.2 Side panel



Power port, use ONLY the supplied power adapter

3.3 LED

LED	Color	Description
Power	Green	On: Indicates that the TNS switch is receiving power Off: Indicates that no power is supplied to the TNS switch
Network	Yellow	Blinking: Data activity detected On: Network link is active Off: Network link is inactive

4 Technical Specifications

Model	TNS008
Art. Number	308001
EAN	5061038089097
Ethernet Ports	8*10/100/1000Mbps RJ45 Ports
Network Protocol	IEEE802.3 10BASE-T ; IEEE802.3i 10Base-T IEEE802.3u 100Base-TX ; IEEE802.3ab 1000Base-T IEEE802.3x.
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤100 meter) 100BASE-TX: Cat5 or higher UTP (≤100 meter) 1000BASE-T: Cat5 or higher UTP (≤100 meter)
Switching Capacity	16Gbps
Forwarding Rate	11.9Mpps
MAC Address Table	2K
Buffer Memory	3M
Power Consumption	Standby: <0.7W / Full load: <4W
Power Supply Input/Output	100-240VAC / 50-60Hz to DC 12V/1A Power adapter
LED Indicators	Power indicator: PWR (Green) Network indicator: 1-8 (Link/Act)/ (Green)
Dimensions / Net weight	128 x 60 x 24mm / 0.2Kg
Installation Method	Desktop
Temperature/Humidity Operation	-20~55°C; 10%~90% RH non-condensing
Storage	-40~+70°C; 10%~90% RH non-condensing
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power: CM±4kV/DM±2kV; Port: ±4kV

5 EU Declaration of Conformity

The product Declaration of Conformity can be downloaded from the product page at www.com

6 Conditions of warranty

TRIAX UK warrants the product as being free from defects in material and workmanship for a period of 24 months starting from the date of production indicated on it. See note below.

If during this period of warranty, the product proves defective, under normal use, due to defective materials or workmanship, TRIAX UK, at its sole option, will repair or replace the product. Return the product to your local dealer for reparation.

THE WARRANTY IS APPLIED ONLY FOR DEFECTS IN MATERIAL AND WORKMANSHIP AND DOES NOT COVER DAMAGE RESULTING FROM:

- Misuse or use of the product outside of its specifications,
- Installation or use in a manner inconsistent with the technical or safety standards in force in the country where the product is used,
- Use of non-suitable accessories (power supply, adapters...),
- Installation in a defective system,
- External cause beyond the control of TRIAX UK such as drop, accidents, lightning, fire, ...

THE WARRANTY IS NOT APPLIED IF

- Production date or serial number on the product is illegible, altered, deleted or removed.
- The product has been opened or repaired by a non-authorized person.

NOTE

Date of production can be found in the product’s serial number code. Each device has a unique 18 digits serial number, the format is “<item-number><HW-version><production-year-week><consecutive-number>”, Example: 308001012026150001. 308001 = TNS008 switch, 01 = hardware version, year 2026 week 15, product No.01 of this batch.

