



26-Port Hardened Industrial Gigabit DIN-Rail Switch

TI-G262 (v1.0R)

- 24 x Gigabit ports
- 2 x Gigabit SFP ports
- 52Gbps switching capacity
- Hardened IP30 rated metal switch
- Includes DIN-Rail and wall mounts
- Extreme -40° – 75° C (-40° – 167° F) operating temperature range
- Redundant power inputs with overload current protection
- Alarm output triggered by power failure
- Power supply sold separately (models: TI-M6024, TI-S15052)
- Lifetime Warranty

TRENDnet's Industrial Gigabit DIN-Rail Switches feature a rugged IP30 rated metal enclosure and are designed to work in the harshest networking environments. This Industrial Unmanaged Switch is designed to withstand a high degree of vibration and shock, while operating in both high and low temperatures for industrial environments within -40° – 75° C (-40° – 167° F). Redundant power inputs with overload current protection on the industrial unmanaged switch minimizes network downtime. This hardened industrial switch features copper gigabit ports for high-speed device connections, and gigabit SFP ports for long distance fiber networking applications.



Gigabit Ports

This industrial switch features gigabit RJ-45 ports for high-speed device connections, and gigabit SFP ports that support long distance fiber networking applications.



Redundant Power

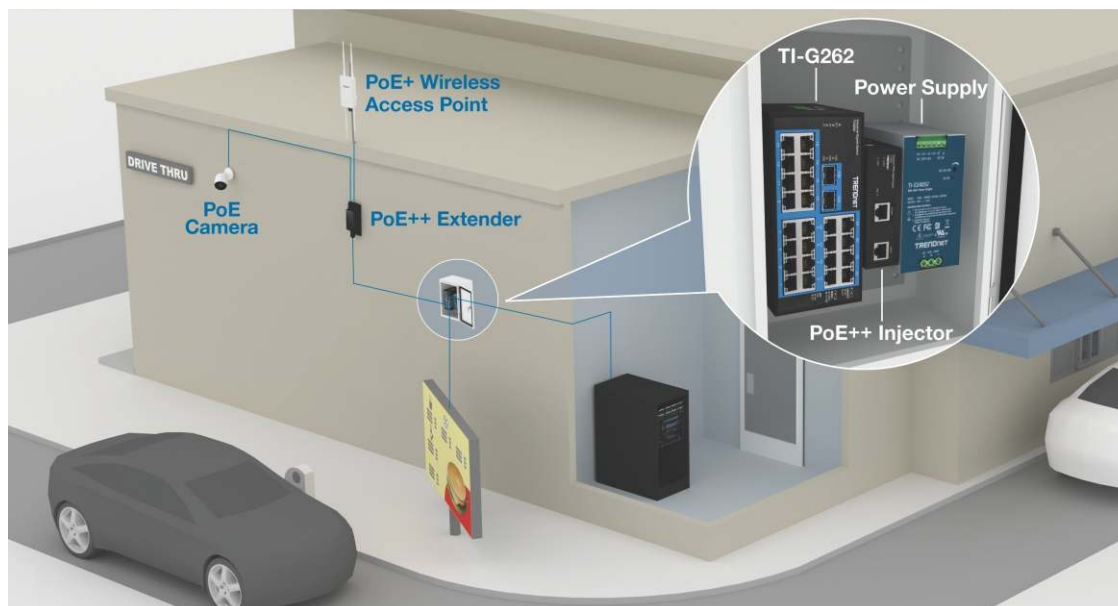
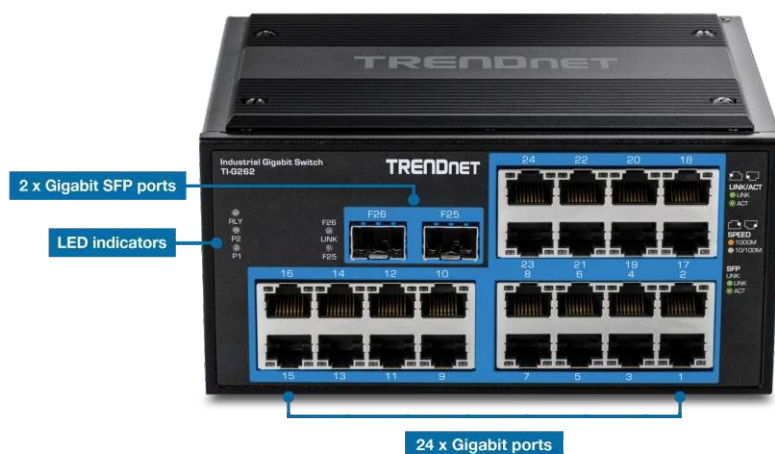
Multiple power inputs provide redundant power with overload current protection on this hardened industrial switch, minimizing overall network downtime (power supply sold separately).



Industrial Hardened Design

Equipped with a rugged IP30 rated housing, designed to withstand a high degree of vibration and shock, and operate within an extreme temperature range of -40° – 75° C (-40° – 167° F).

NETWORKING SOLUTION



FEATURES



Gigabit Ports

Industrial switch features gigabit RJ-45 ports for high-speed device connections, and gigabit SFP ports that support long distance fiber networking applications



DIN-Rail / Wall Mounts

IP30 rated metal enclosure on the industrial switch with included DIN-Rail mount and wall mount hardware



Redundant Power

Multiple power inputs provide redundant power with overload current protection (power supply sold separately, models: TI-M6024, TI-S15052)



Alarm Relay

Alarm relay triggered by power failure of primary and/or redundant power



Jumbo Frame

Supports larger packets, or Jumbo Frames (up to 9KB), for increased performance



Extreme Temperature Range

Operating temperature range of -40° – 75° C (-40° – 167° F) allows for installations in environments with extreme hot or cold conditions



Shock and Vibration Resistant

Rated for shock (EN 60068-2-27), freefall (EN 60068-2-32), and vibration (EN 60068-2-6)



Electro Magnetic Compliance

Complies with industrial EMS certifications (IEC 61000-4-2) ESD: Contact: 6kV | Air: 8kV, (IEC 61000-4-4) EFT: Power: 2kV | Signal: 2kV, (61000-4-5) Surge: Power: 2kV | Signal: 2kV



Grounding Point

Grounding point for high voltage protection



Switching Capacity

52Gbps switching capacity



LED Indicator

LED Indicators convey port status

SPECIFICATIONS

Standards

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3x
- IEEE 802.3z

Device Interface

- 24 x Gigabit ports
- 2 x Gigabit SFP ports
- 6-pin removable terminal block
- LED indicators

Data Transfer Rate

- Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)
- Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)
- Gigabit: 2Gbps (full duplex)
- SFP: 2Gbps (full duplex)

Performance

- Data RAM Buffer: 512KB
- Switching Fabric: 52Gbps
- MAC Address Table: 8K entries
- Jumbo Frame: 9KB
- Forwarding Rate: 38.69Mpps (64-byte packet size)

Special Features

- Hardened components rated for extreme temperatures
- Dual power inputs
- Auto negotiation
- Auto store and forward architecture
- Automatic address learning and address aging
- ESD 8KV and Surge 2KV protection

Power

- Input: 12 - 56V DC
- Compatible power supply: TI-M6024, TI-S15052 (sold separately)
- Max. consumption: 10.64W

Terminal Block

- Redundant power inputs, alarm relay contact, 6 pin
- Wire range: 0.34mm² to 2.5mm²
- Solid wire (AWG): 12-24/14-22
- Stranded wire (AWG): 12-24/14-22
- Torque: 5 lb. – In / 0.5Nm / 0.56 Nm
- Wire strip length: 7-8mm

Alarm Relay Contact

- Relay outputs with current carrying capacity of 1A, 24V DC
- Short circuit mode when two power sources are connected
- Open circuit mode when only one power source is connected

MTBF

- 520,000 hours

Housing

- IP30 metal case
- DIN-Rail mount
- Wall mount
- Grounding point
- 8KV ESD protection
- 2KV surge protection

Operating Temperature

- 40° – 75° C (-40° – 167° F)

Operating Humidity

- Max. 95% non-condensing

Dimensions

- 163 x 120 x 77mm (6.41 x 4.72 x 3.03 in.)

Weight

- 936g (2.06 lbs.)

Certifications

- CE
- FCC
- LVD
- Shock (IEC 60068-2-27)
- Freefall (IEC 60068-2-32)
- Vibration (IEC 60068-2-6)

Warranty

- Lifetime Warranty

Package Contents

- TI-G262
- Quick Installation Guide
- Removable terminal block
- DIN-Rail / wall mount kit

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

TRENDnet offers a lifetime warranty for all of its metal-enclosed network switches that have been purchased in the United States/Canada on or after 1/1/2015. Cooling fan and internal power supply carry a one-year warranty.