



## 7-Port Industrial Gigabit DIN-Rail Switch

TI-G62 (v2.xR)

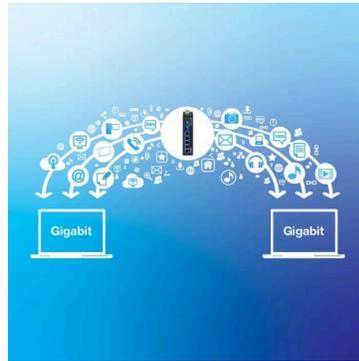
- 5 x Gigabit ports
- 2 x Gigabit SFP ports
- Hardened IP50- rated metal switch
- Extreme operating temperature range of -40° – 75° C (-40° – 167° F)
- Dual inputs provide redundant power with overload current protection
- Alarm relay triggered by power failure
- 14Gbps switching capacity
- Includes DIN-Rail mount and wall mount brackets
- Power supply sold separately (model: TI-M6024, TI-S15052)
- Lifetime Warranty
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 7-Port Industrial Gigabit DIN-Rail Switch, model TI-G62, features a rugged IP50- rated metal enclosure for industrial environments. This industrial unmanaged switch is designed to withstand a high degree of vibration and shock, while operating in both high and low temperatures within -40° – 75° C (-40° – 167° F). Redundant power inputs with power failure alarm relay and overload current protection minimize network downtime.



### Industrial Hardened Design

Rugged IP50- rated housing with a high degree of vibration and shock resistance, and an operating temperature range of -40° – 75° C (-40° – 167° F).



### Network Interface

This industrial switch is equipped with five gigabit RJ45 ports, and two gigabit SFP ports for long-distance connectivity.



### Fault Tolerance

Features redundant power inputs from external power sources, and an output alarm relay to indicate an input power failure.

## FEATURES

**1** **Easy Installation**  
**2** **3** No configuration needed, simply connect network devices to the industrial unmanaged switch

 **Dust Protected**  
 This industrial switch is IP50 rated for ingress dust protection

 **Fault Tolerance**  
 Features redundant power inputs from external power sources, and an output alarm relay to indicate an input power failure – power supply sold separately (model: TI-M6024, TI-S15052)

 **Extreme Temperature Range**  
 An extreme operating temperature range of -40° – 75° C (-40° – 167° F) allows for installations in industrial environments with intense hot or cold conditions

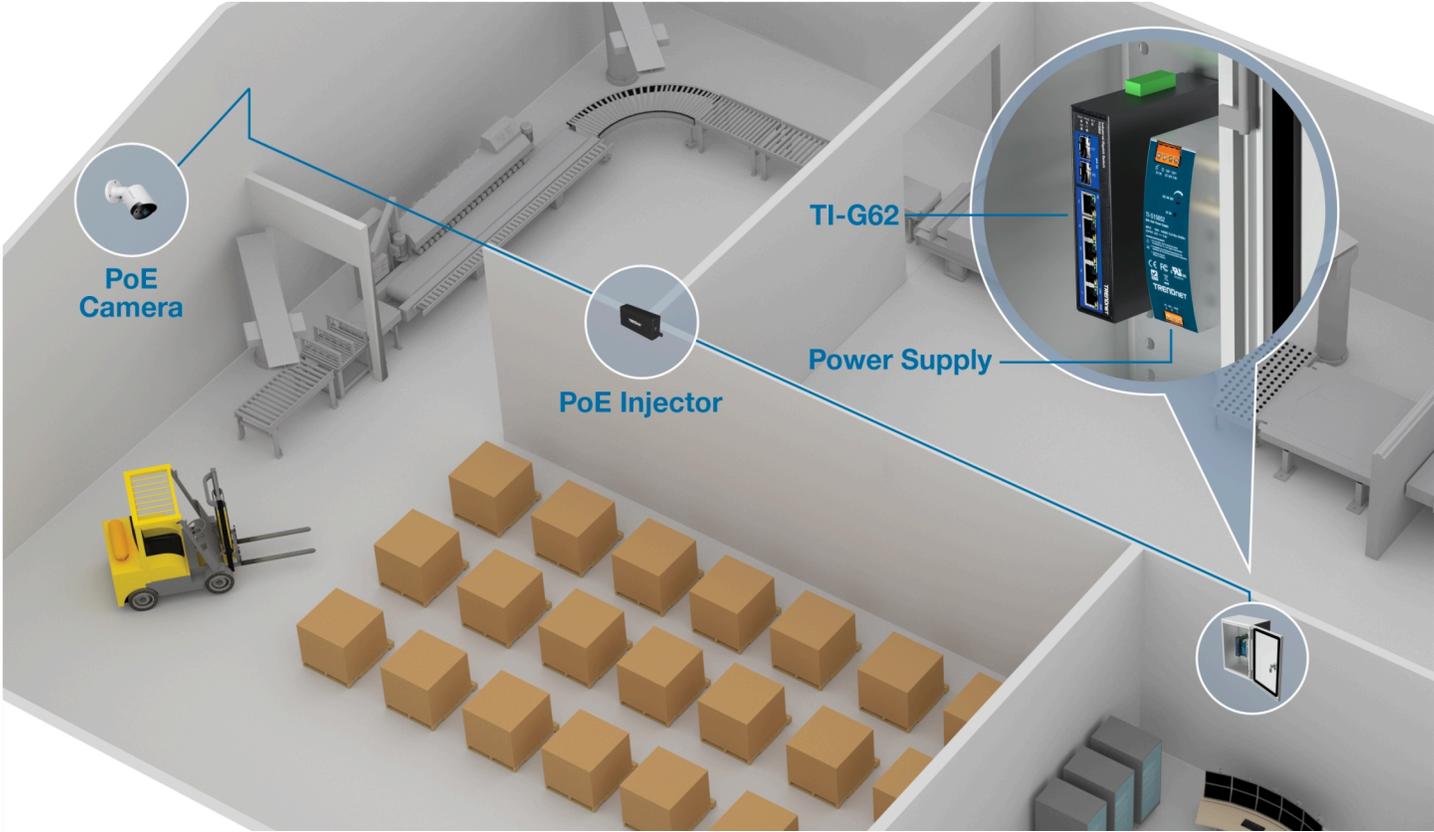
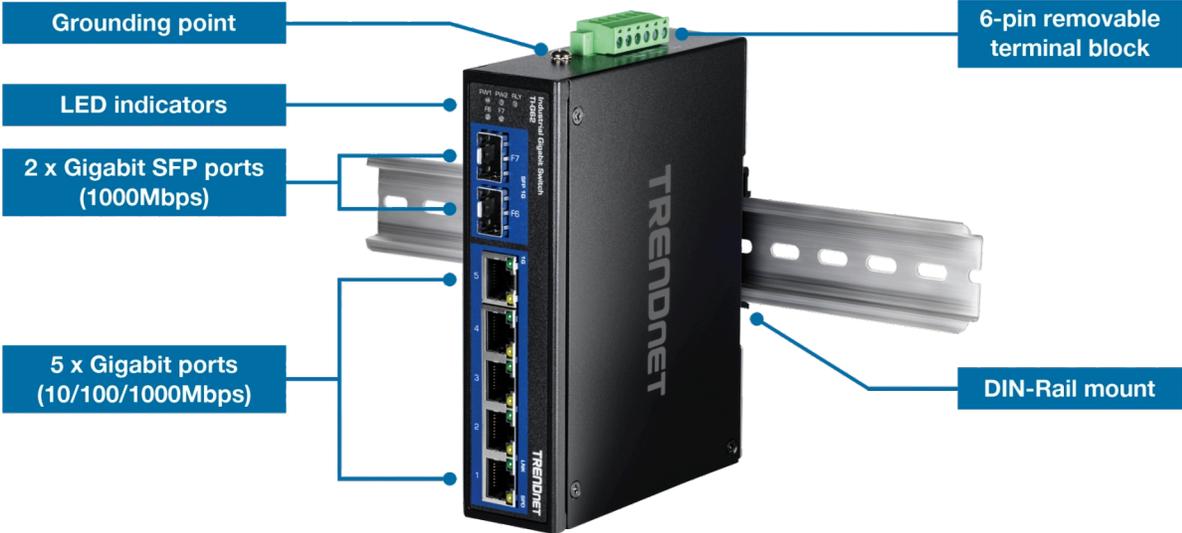
 **Shock and Vibration Resistant**  
 Rated for shock (EN 60068-2-27), freefall (EN 60068-2-32), and vibration (EN 60068-2-6)

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

 **DIN-Rail / Wall Mounts**  
 The rugged switch includes DIN-Rail mount and wall mount hardware

 **Grounding Point**  
 The industrial unmanaged switch features a grounding point to protect equipment from external electrical surges

## NETWORKING SOLUTION



## SPECIFICATIONS

### Standards

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

### Device Interface

- 5 x Gigabit ports (10/100/1000Mbps)
- 2 x Gigabit SFP ports (1000Mbps)
- 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)
- Gigabit SFP: 2Gbps (full duplex)

### Performance

- Data RAM Buffer: 256KB
- Switching Fabric: 14Gbps
- MAC Address Table: 4K entries
- Jumbo Frame: 9KB
- Forwarding rate: 10.4Mpps (64-byte packet size)

### DC Power

- Input: 12 - 56V DC
- Compatible power supply: TI-M6024, TI-S15052 (sold separately)
- Max. consumption: 4.5W @ 56V DC

### Terminal Block

- 6-pin terminal block
- Alarm Relay: 1A @ 24V DC
- Wire range: 0.34mm<sup>2</sup> to 2.5mm<sup>2</sup>
- Solid wire (AWG): 12-24
- Stranded wire (AWG): 12-24
- Torque: 5 lb. – In / 0.5Nm / 0.56 Nm
- Wire strip length: 7-8mm

### MTBF

- 1,300,000 hours @ 25°C

### Housing

- IP50 metal case
- DIN-Rail mount
- Wall mount
- Grounding point
- 6kV ESD protection

### Operating Temperature

- - 40° – 75° C (-40 – 167° F)

### Operating Humidity

- Max. 95% non-condensing

### Dimensions

- 143 x 104 x 36mm (5.6 x 4.1 x 1.4 in.)

### Weight

- 527g (1.16 lbs.)

### Certifications

- CE
- FCC
- LVD
- Shock (IEC 60068-2-27)
- Freefall (IEC 60068-2-32)
- Vibration (IEC 60068-2-6)
- IEC 61000-4-2
- IEC 61000-4-4
- IEC 61000-4-5

### Warranty

- Lifetime Warranty

### Package Contents

- TI-G62
- Removable terminal block
- DIN-Rail and 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.