

5-Port Industrial Fast Ethernet DIN-Rail Mini Switch

TI-ELC50 (V2)

- 5 x 10/100Mbps ports
- Hardened IP50 rated metal mini switch
- Extreme operating temperature range of -40° – 75° C (-40° – 167° F)
- 1Gbps switching capacity
- Includes DIN-Rail mount and wall mount brackets
- Power supply sold separately (model: TI-M6024)
- NDAA / TAA compliant (U.S. and Canada only)

TRENDnet's 5-Port Industrial Fast Ethernet DIN-Rail Mini Switch, model TI-ELC50, is a reliable and rugged networking solution designed for use in both extreme and demanding environments. This industrial Fast Ethernet DIN-Rail mini switch features a rugged IP50 rated metal enclosure, and 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). The hardened industrial switch features five Ethernet ports for stable device connections. The mini-sized housing is designed to fit into most compact installation areas.



Fast Ethernet Ports

Up to 200Mbps full-duplex per port and total switching capacity of 1Gbps.



Industrial Hardened Design

Equipped with a rugged IP50 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).



Mini Design

With a compact metal housing design, this mini network switch is well-suited for installations into most environments. Its fanless design is perfect for quiet environments that require silent operation.

FEATURES

Fast Ethernet Ports
Up to 200Mbps full-duplex per port and total switching capacity of 1Gbps

DIN-Rail & Wall Mount
IP50 rated metal enclosure on the industrial switch, with included DIN-Rail and wall mount hardware

Mini Housing Design
Compact and sturdy metal housing

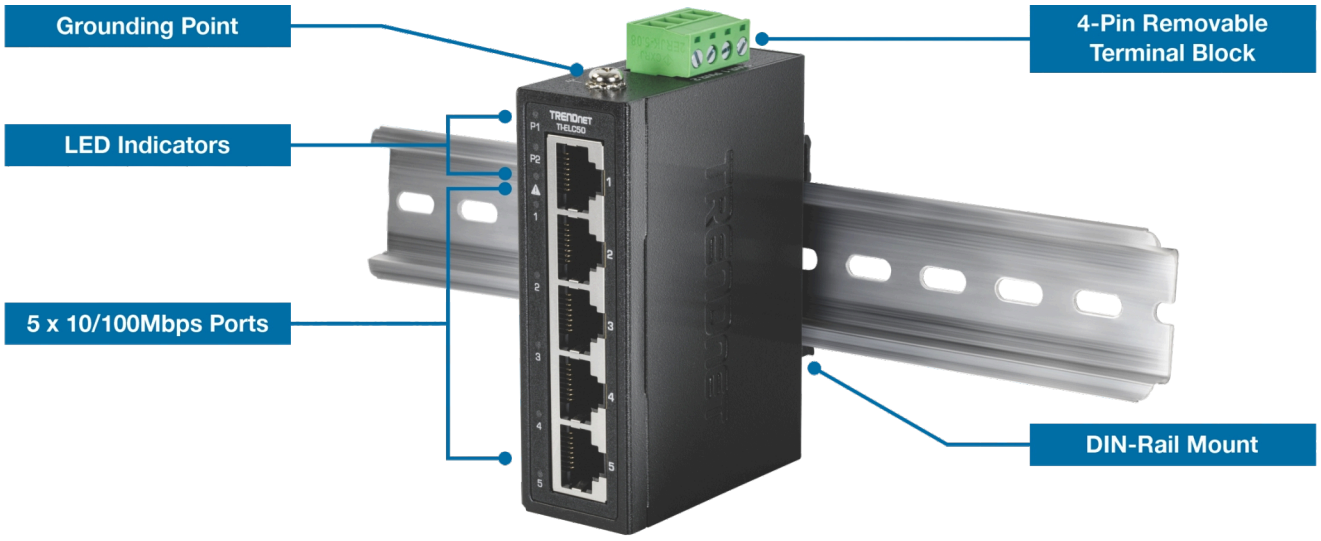
Operating Temperature Range
An operating temperature range of -40° – 75° C (-40° – 167° F) allows for the installation of the industrial switch in environments with extreme hot or cold conditions

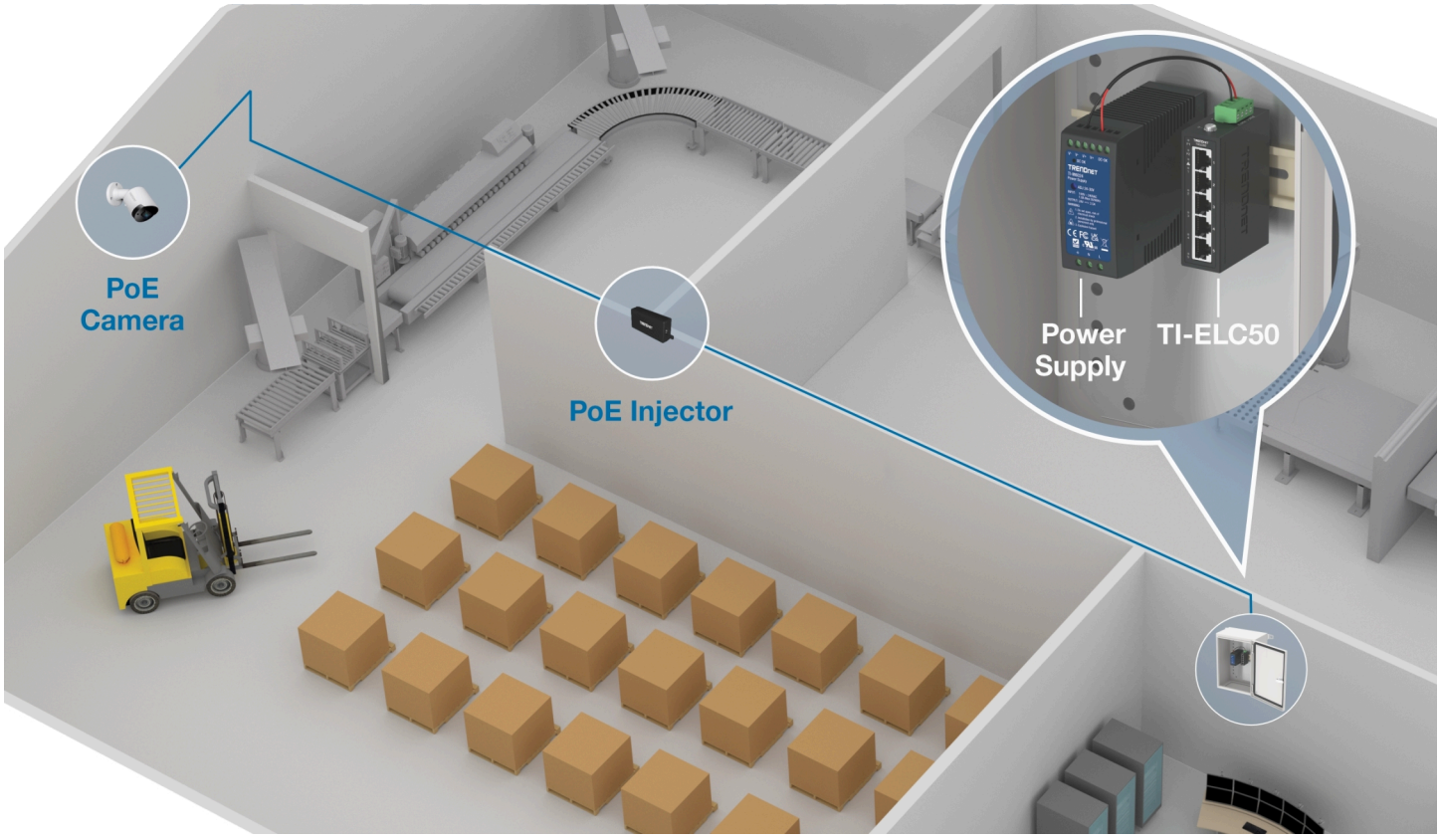
Shock and Vibration Resistant
Rated for shock (EN 60068-2-27), freefall (EN 60068-2-32), and vibration (EN 60068-2-6)

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
The industrial switch features a grounding point for protection against external electrical surges

NETWORKING SOLUTION





SPECIFICATIONS

Standards
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x

Device Interface
- 5 x 10/100Mbps ports
- 4-pin removable terminal block
- LED indicators

Performance
- Data RAM Buffer: 56KB
- Switching Fabric: 1Gbps
- MAC Address Table: 1K entries
- Forwarding rate: 0.744Mpps (64-byte packet size)

Special Features
- Hardened components rated for extreme temperatures
- VLAN Passthrough

Power
- Input: 9 – 60V DC
- Compatible power supply: TI-M6024 (sold separately)
- Max. consumption: 1.686W @ 60V

Terminal Block
- 4-pin terminal block
- Wire range: 1.5mm2
- Solid wire (AWG): 12-28
- Stranded wire (AWG): 12-28
- Torque: 3 lb. – In / 0.2Nm / 0.56Nm
- Wire strip length: 6-7mm

MTBF
- 3,100,000 hours @ 25° C

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

Operating Temperature
- - 40° - 75° C (-40° - 167° F)

Operating Humidity
- Max. 95% non-condensing

Dimensions
- 85 x 60 x 27mm (3.34 x 2.36 x 1.06 in.)

Weight
- 165g (5.82 oz.)

Certifications
- CE
- FCC
- LVD
- Shock (EN 60068-2-27)
- Freefall (EN 60068-2-31)
- Vibration (EN 60068-2-6)
- ESD 6kV
- EFT 6kV
- Surge 6kV

Warranty
- 2-Year

Package Contents
- TI-ELC50
- Removable terminal block
- DIN-Rail mount 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.

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Updated: 8/20/2025