

TNS4008-DC

EN50155 2.5G M12 Industrial Switch



Product Description:

The TNS4008-DC is a rugged, high-performance industrial Ethernet switch designed for mission-critical railway, rolling stock, and harsh environment applications. Featuring 8 × 100/1000/2500Mbps M12 (X-code) copper ports, it ensures ultra-reliable connectivity for train/trackside, onboard vehicle, and mining networks.

Product Features:

- ✓ EN50155 Certified – Meets strict railway and industrial reliability standards
- ✓ 8 × M12 X-coded Ports – Supports 2.5Gbps high-speed data transmission with robust, vibration-resistant connectors
- ✓ Wide Temperature Range – Operates in -40°C to +75°C for extreme environments
- ✓ Industrial-Grade Durability – Ideal for rolling stock, trackside systems, and mining operations
- ✓ DC Power Input – Resilient power design for critical infrastructure

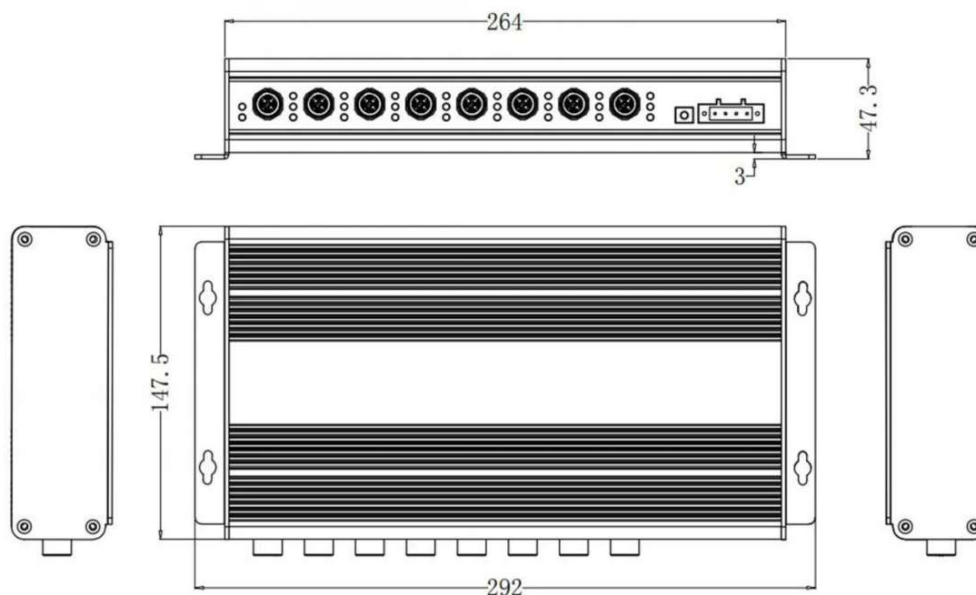
Engineered for high availability in mobile and harsh conditions, the TNS4008-DC delivers future-proof, high-bandwidth networking for industrial transportation and heavy-duty applications.

Product Specifications:

Attributes	
Networking Interfaces	8 x 100/1000/2500Base-TX with X-coded M12 connectors
LED Indicators	Power, Link/Act, Speed
Performance	
Switching Capacity	40 Gbps
Forwarding Capacity	29.76 Mpps
Forwarding Mode	Store and Forward
Packet Buffer Memory	12 Mbit
MAC Address Table	16K
Physical	
Dimensions	292*147.5*50mm
Weight	2.5KG
Operating Temperature	-40 to 75°C

Storage Temperature	-40 to 75℃
Operating Humidity	5 to 95% Noncondensing
Power Method	12-60VDC
Max. Power Consumption	15W
EMC Safety	FCC, CE, RoHS
Reliability	5 years Warranty
Package List	
Switch	1pcs
Power Adapter	1pcs
User Manual	1pcs
Power Cord	1pcs
Rubber Feet	4pcs

Dimemnsions



Order Information:

Switch Models	
TNS4008-DC	EN50155 8 Ports 2.5G Industrial Switch