



# TGI CONNECT

## TGI Vizicube Cargo Sensor

The **Vizicube Cargo Sensor** by TGI Connect is a groundbreaking innovation that transforms trailer monitoring.

Harnessing cutting-edge technology, including **AI and Edge Computing**.

The **Vizicube Cargo Sensor** ensures real-time data capture on location, temperature, door activity, and cargo status. Elevate your logistics game, **mitigate risks**, and **optimize** asset management with **unrivalled precision**.

### Trailer Connect ID Advantages:

- Roll/Swing Door Detection
- Load Level Sensing
- Vibration Monitoring
- Temperature Events
- Data Logging
- Ease of Installation - No wires



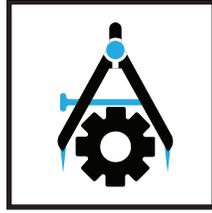
All data is transmitted over a satellite network to ensure your fleet has continuous monitoring not limited by mobile dead zones

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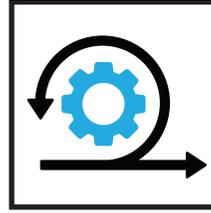
## Real-Time Data Monitoring:

Real time data capture giving you immediate visibility on cargo status



## Precision & Accuracy:

Provides accurate and reliable data, ensuring that logistics and asset management decisions are based on trustworthy information



## AI and Edge Computing:

Leverage advanced technologies to enhance data, processing capabilities, enabling faster, and more intelligent decision-making



## Risk Management and Optimization:

Prioritize sensors that not only provide data, but also contribute to mitigating risks and improving the efficiency of cargo transportation operations

Vizicube Cargo Sensor captures location, temperature, door activity, and cargo status

## Specifications:

### On-board Sensing Modules

- 8x8 Time of Flight multi-zone ranging sensor
- 3-axis accelerometer
- 3-axis gyroscope
- -40 to 80C (+/- 0.5C) temperature sensing
- Optional sensor and BUS support

### Communications

- Bluetooth BLE 5.0 communications
- NFC for Android mobile connection
- GlobalStar SmartOne BLE interface

### Indicators

- Two Tri-color (R/G/B) LEDs
- LCD display option available

### Environment and Casing

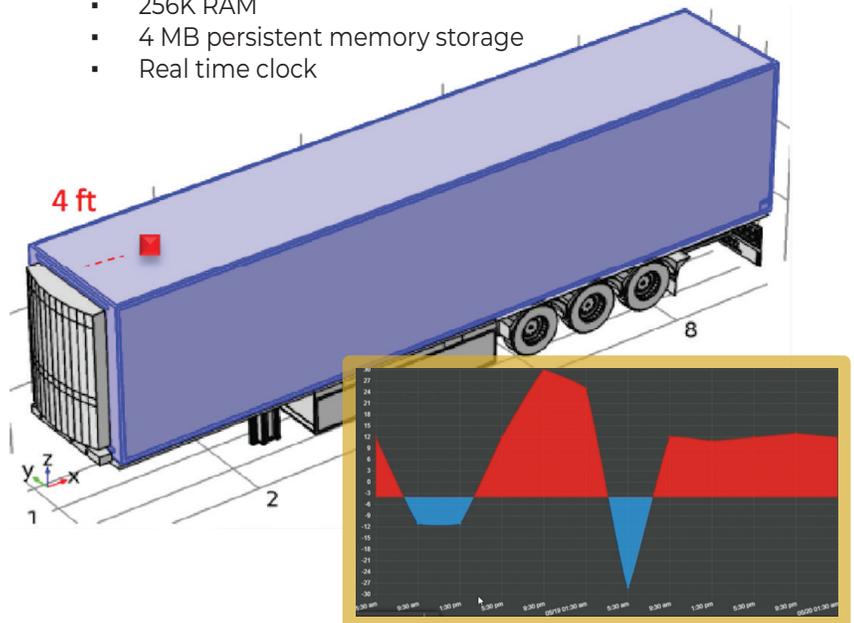
- 1" x 2.3" x 2.5" dimensions
- IP67 rated enclosure

### Energy

- Micro-amp standby operation
- Intelligent LUA controlled battery usage
- 2.7Ah Primary Lithium Battery

### Intelligence

- LUA scripting language
- Internal Machine Learning Core
- 256K RAM
- 4 MB persistent memory storage
- Real time clock



Ready to Transform your Business?

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