



Real-Time Wireless Door and Cargo Condition Sensor

In-reefer monitoring sensors bring next level of visibility to cold chain logistics.



The GT Sense Door and Cargo Sensor (GT Door+) offers real-time monitoring of reefer cargo conditions, including compartment temperature, humidity, shock, and light. It provides valuable data for reefer operation, even when not externally powered. The sensor is installed inside the reefer and works in conjunction with the GT Sense Reefer telematics solution, acting as a gateway to global cellular communications. The sensor offers high reliability in real-time door opening detection while consuming minimal power.

Features

- Operating temperature rating to +65°C to -70°C.
- Global roaming and automatically switchable to conform to all regulatory permissible LoRa operating frequencies in virtually all countries around the globe.
- Battery lifetime for min 5-years based on typical operational scenarios.
- Beacon capability to talk to any neighboring connected container for maximum communications availability.
- Environmentally safe and secure - water ingress IP67 rated.
- Option for NIST certification for specialized temperature monitoring applications.



Temp.



Humidity



Shock



Light

In 1Q24 Globe Tracker is planning the introduction of an integrated cargo presence detector (to determine if a container is empty or full), based on sensor signal processing as well as contextual AI.