

GT 2300

Industry-leading tracking and monitoring solutions for dry intermodal containers

Optimize equipment utilization, reduce costs and accelerate deliveries



ORBCOMM's GT 2300 provides visibility into the status, movement, loading, and unloading transactions of intermodal container operations. By leveraging powerful telematics capabilities integrated with intermodal order and event information systems, container operators in North America can vastly improve the performance of their intermodal operations.

The GT 2300 leverages our proprietary web platform, CargoWatch®, which provides instantaneous knowledge and notifications of loading and unloading events, allowing operators to optimize container movement and accelerate utilization.

By combining local intelligence on cargo status, door lock/unlock and movement detection, the GT 2300 enables customers to examine inventories in rail and drayage locations, understand the loaded conditions of containers and move empty containers faster. In addition, the device is mounted internally for stealth installation and comes with an aluminum chassis and cable harness.

Real-time Transactional Information for Intermodal Operators

Intermodal container operators are dependent on timely information from rail carriers, drayage operators, customers, and other third parties to achieve their delivery commitments.

Information regarding critical activities is often not timely or accurate. The GT 2300 allows each container to deliver valuable transactional information in near-real-time, enabling operators to improve delivery operations and accelerate the use of assets.

By delivering timely and reliable messages and alerts for containers with critical movement activities as well as for pick-up and drop-off of long-haul rail shipments, the visibility of containers to and from rail heads and customer locations is vastly improved.

Cellular communications and GPS

Motion and power sensing capabilities

Self-contained 5-year power supply source

Time-stamped loading and empty transactions

Serial cargo and door open/close detection

Asset utilization reports

Geofence support

**Communications**

Cellular

Battery Life

5 Years or 4,500 messages, typical

Power Usage< 5 μ A steady state**Mode**

Two-way

Event Response Time

15 minutes to 24 hours, typical of reporting transaction profile

Transaction Profiles

12 supported (rail mode, street mode, drayage delivery mode, empty move mode, etc.)

Sensors Available

- Moving/stationary
- Begin/end move (with geofences)
- Empty/loaded transactions
 - » *Cargo sensors (1, 2 or 3 sensor configuration per container)*
 - » *Ultrasonic type*
 - » *Door sensors*
 - » *Magnetic switch type*

- Impact/handling/damage detection
 - » *Tri-axial accelerometer*
- Auto-power management
 - » *Movement/stationary determination*

Other Functions

- Geofences
- 2-way XML data feed
 - » *Transaction profiles to the asset*
 - » *EDI status transactions to the network (222, 322)*

Network

- Web exception reporting
- Notifications via email/wireless device
- Tracking and tracing integration

Operational Temperature Range

-40C to +70C

Dimensions

16.5" x 9.5" x 1.5"

Weight

4.9 lbs.

Enclosure

Aluminum extrusion with molded cable harness

CALL: 1.800.ORBCOMM EMAIL: SALES@ORBCOMM.COM VISIT: WWW.ORBCOMM.COM

ORBCOMM Inc. (Nasdaq: ORBC) is a leading global provider of Machine-to-Machine (M2M) communication solutions and the only commercial satellite network dedicated to M2M. ORBCOMM's unique combination of global satellite, cellular and dual-mode network connectivity, hardware, web reporting applications and software is the M2M industry's most complete service offering. Our solutions are designed to remotely track, monitor, and control fixed and mobile assets in core vertical markets including transportation & distribution, heavy equipment, industrial fixed assets, oil & gas, maritime and government.

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