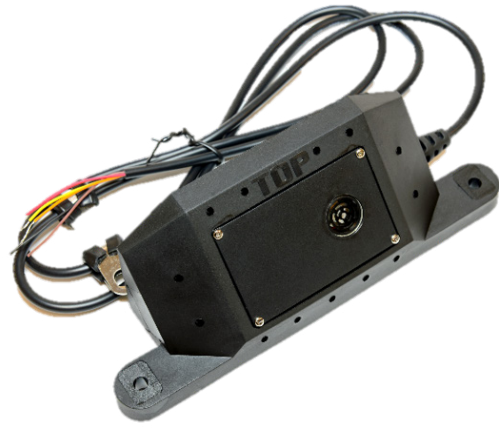# CS 100
Advanced Cargo Sensor Technology

ORBCOMM's durable CS 100 Cargo Sensor can be integrated with our award-winning GT 1100 asset tracking solution to detect the presence or absence of cargo (Empty / Not Empty) inside standard trailers, providing greater asset visibility and security. Using ultrasonic technology, the CS 100 monitors the trailer and can immediately send an alert if there is a change in load status or if the sensor is damaged or removed. With the CS 100, fleet owners will no longer worry about arriving at a customer site to pick up an empty trailer only to find that it is still loaded.

The CS 100 can be configured over-the-air and integrated with additional sensors for maximum efficiency and flexibility. This sensor can also be easily installed in a safe, discrete location inside the trailer to minimize cargo damage.

The CS 100 provides accurate, reliable updates and historical data on the trailer's arrival, loaded condition and status based on a customizable reporting schedule through ORBCOMM's robust web application. By integrating the high-performance CS 100 into ORBCOMM's GT 1100 system, fleet owners can eliminate unnecessary yard checks, increase trailer turn time, improve customer satisfaction, and ultimately maximize profitability.

Maximize trailer utilization and efficiency

Increase trailer turn time

Eliminate unnecessary yard checks

Monitor and control detention billing

Prevent theft and ensure cargo safety

Quick, easy installation

Dimensions
7.6" x 3.8" x 2.9" (193 mm x 96.5 mm x 97 mm) with Bracket

Weight
15 oz. (425 g)

Mounting
Bracket on Plywood or Metal

Operating Temperature
• -30C to 70C (-22F to 158F) @ 95% RH

Storage Temperature
• -40C to 85C (-40F to 185F)

Vibration
• AAR M-1002 4.13.2.3

Shock
• AAR CE-UG-04-3001

Humidity
• 95%

Power
• 9V Sourced from ORBCOMM's GT 1100

Range
• Up to Maximum of 20 Feet (Multi-zone, 53 Feet Option Available*)

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

R060616A