



CS 500

Camera cargo sensor for trailers.

Gain visibility inside your trailers with a camera cargo sensor that monitors and captures images of load status and activity. Save time and reduce errors with images showing load progress, shifts, damage, dunnage, and cleanout verification. Paired with a door sensor, the device can send images when doors open or close or when the driver starts or stops a move. Dispatch can also manually trigger image capture for real-time updates.

Cargo visibility

Gain improved visibility with automatic image capture based on specific events and manual capture from the back office or the mobile app.

Status identification

The sensor enables users to capture images during loading and unloading to determine if the cargo is ready to travel or has been fully unloaded.

Cloud integration

Images are sent automatically to the ORBCOMM platform in the cloud. The device also stores up to 1000 images locally to ensure you don't miss a thing.

GT 1200 and GT 1210 Integration

The CS 500 integrates with our GT 1200 and GT 1210 telematics devices to enhance the monitoring and management of your cargo and assets. Adding camera cargo sensors to your trailer fleet improves operational efficiency, cargo monitoring and back-office visibility of your assets.

Automatic and
manual image
capture

Status detection
and reporting

Seamless integration
with our trailer
tracking solution

Specifications

Compatibility

- GT 1200
- GT 1210

Environmental

- Operating temperature: -40°C to +85°C
- Ingress protection: IP67 for dust and water
- Vibration: AAR-S-9401
- Shock: MIL-STD-810

Communications

- RS-485 connection to the telematics device

Power

- Powered by the telematics device

Dimensions

- 3 x 3.6 x 1 inches
- 7.7 x 9.2 x 2.5 cm

Weight

- 0.2 pounds
- 95 grams

Certification

- FCC/IC, CE

Although we strive to ensure accuracy in all of our published specifications, actual field performance can vary depending on a variety of environmental, installation and usage factors, as well as third-party factors such as cellular providers. The specifications listed are approximations, and do not constitute binding statements or modify the terms and conditions of purchase or lease including, but not limited to, product operational limitations and warranties. All specifications are subject to change without notice. Please check www.orbcomm.com to ensure you have the latest version of these specifications.

For more information on our solutions or to
book a demo, email us: info@ORBCOMM.com

Visit our website www.ORBCOMM.com

ORBCOMM is a global leader in industrial IoT, delivering visibility, intelligence and efficiency to the world's most critical operations. With 30 years of innovation and more than 2.4 million connected devices, we transform data into actionable insights, driving greater efficiency, safety, resilience and sustainability. Serving customers that include the world's largest shipping lines, over-the-road trucking fleets, cold-chain transportation fleets and a global network of IoT solution provider partners, ORBCOMM is where IoT powers asset intelligence.