



CS 511

Reliable image capture for actionable cargo insights

Ensure visibility inside your trailers with a camera cargo sensor that monitors and captures images of internal trailer load status and activity. Save valuable time and eliminate margin of error by immediately identifying the status of an asset with images that show load and unload progress, load shift, cargo or asset damage, dunnage, and cleanout verification.

Improved cargo visibility

Automatic and manual image capture by the back office or local image capture by the mobile app provides improved visibility into the status of your cargo and assets. With an integrated door sensor and accelerometer, images are sent automatically when the trailer door is opened or closed and when the driver begins or ends a move.

Seamless integration with trailer tracking solution

No wires means it's easy to install, making it the ideal fit for large deployments or new additions to an existing fleet. Get up and running faster with the VIACHAIN Installer mobile app for device configuration and support.

Enhanced cargo security

Advanced solar charging technology

Quick wireless installation

Mobile app for simple configuration

Durable

Ruggedized

Built IP67-rated to withstand harsh operating environments with dust, humidity, water, shock and vibration for reliable reporting virtually anywhere.

Automatic and manual image capture

Receive alerts when unexpected door events occur, openings take place outside geofence locations or when a sensor is damaged.

Specifications

Compatibility

- GT 1220
- GT 1230

Environmental

- Operating temperature: -40°C to +70°C
- Ingress protection: IP67 for dust and water
- Vibration: AAR S-9401, 3.2.4.2
- Mechanical Shock: MIL-STD-810H (40g)

Communications

- Bluetooth Low Energy (BLE) version 5.0
- Low power, short range protocol using 2.4GHz band

Mechanical

- Dimensions: 9.2 x 3 x 1 inch / 233 x 75 x 25mm
- Weight: 0.75lb / 350g

Certification

- FCC/IC

Battery

- Lithium battery with 2500 mAh capacity

Doors supported:

- Roll-up supported; swing door on roadmap



Complete cargo visibility: the CS 511 cargo camera

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.viachain.io to ensure you have the latest version of these specifications.

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Visit our website www.viachain.io

VIACHAIN™, an ORBCOMM® company, is a global leader in IoT solutions that deliver enhanced sustainability, cargo safety and operational reliability for logistics providers, trucking fleets and the world's largest shipping lines. Our pioneering technology transforms intermodal containers and trailers into smart assets to optimize efficiency and reduce risk. Providing real-time visibility and insights into location, condition, safety and route performance, our solutions enable fast reactions to disruptions. With more than 1.6 million connected assets, VIACHAIN is where IoT powers smart supply chains.