



CS 500

Camera cargo sensor for capturing images to identify the status of cargo inside a trailer.

Gain 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. The device can send images to the back office when the trailer's door is opened or closed while paired with a door sensor, as well as when the driver begins or ends a move. Image capture can be triggered manually from the back office at any time so that dispatch can see the status of the trailer when needed.

Improved cargo visibility

Gain improved visibility into the status of your cargo and assets, 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.

Automatic and manual image capture

Live status detection and reporting

Seamless integration with our trailer tracking solution

Cloud integration

The device sends images automatically to the VIACHAIN platform in the cloud. It also stores up to 1000 images locally to ensure you don't miss a thing.

GT 1200, GT 1210 and GT 1220 integration

The CS 500 integrates with our GT 1200, GT 1210 and GT 1220 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.

Specifications

Compatibility

- GT 1200
- GT 1210
- GT 1220

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.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.