

Seeing Is Believing

IntelliScan® Cargo Sensing Technology

If you've been frustrated by the notoriously fallible cargo sensors of the past, you know that our industry is long overdue for the cargo sensor of the future. Introducing the breakthrough you've been waiting for – IntelliScan® technology by Spireon. Our advanced method of load detection leverages a proprietary combination of optical imaging and laser time of flight technologies to deliver unprecedented accuracy in cargo sensing.

SMARTER TRAILER TECH

The problem with the cargo sensors of yesteryear is their dependence upon ultrasonic technology. Ultrasonic technology is notorious for generating inaccurate data due to temperature, humidity, and the sensor's distance from the cargo. Spireon's proprietary IntelliScan® technology surpasses ultrasonic-alone by incorporating powerful laser time of flight and optical imaging capability into its sensors.

With IntelliScan®, your FleetLocate cargo sensor will read the entire 53' trailer, reliably and accurately, in extreme environmental conditions, and with varied load types such as "soft" cargo like carpet or paper.



A REVOLUTION. AN EVOLUTION.

With Over the Air (OTA) updates, trailer fleets benefit from IntelliScan's evolution over time without having to touch the cargo sensor or alter its installation. From the day you install a Spireon cargo sensor powered by IntelliScan, you receive OTA updates to benefit from the features described here and more as they are brought to market.

THE INTELLISCAN ROADMAP

Upon introduction to the market, Spireon's IntelliScan technology focuses on delivering highly accurate loaded/unloaded information about your trailer in a way that no existing sensor on the market can. The IntelliScan product roadmap includes powerful additional features to improve the fleet manager's ability to see inside the trailer and better support LTL operations.

FEATURES AT A GLANCE

Spireon's proprietary IntelliScan cargo detection technology outperforms traditional methods of cargo sensing with:

- Laser time of flight technology
- Optical image processing
- Advanced image detection algorithms
- Accurate loaded/unloaded information
- Accurate soft cargo detection
- Reliable performance in extreme environments

TELEMATICS DEVICE COMPATIBILITY

The advanced IntelliScan cargo sensing technology is built for Spireon FleetLocate's next gen trailer telematics device platforms. With support for comprehensive sensor suites and boosted power management through solar, Spireon's trailer telematics solutions lead the industry for rich data and trailer utilization.

