

# Release Notes - Introducing the Driver•i DMS Sensor

Link: <https://help.gpsinsight.com/release-notes-introducing-the-driveri-dms-sensor/> Last Updated: April 24th, 2026

## Real-time drowsiness detection — now available

### □ What's Launching?

Drowsy driving is one of the most underreported — and preventable — causes of road incidents. That's why we're excited to introduce the **Driver•i DMS (Driver Monitoring System) Sensor**: a scientifically grounded, objective tool built to detect early signs of driver fatigue in real time.

Rather than waiting for a near-miss or worse, the DMS Sensor works proactively. It uses advanced algorithms to continuously monitor for key drowsiness indicators, including:

- **Microsleep detection** — catching ultra-short lapses in awareness
- **Blink rate analysis** — identifying irregular eye movement patterns
- **Percentage eye closure (PERCLOS)** — a proven, measurable marker of drowsiness severity

When early drowsiness is detected, the sensor triggers a **tailored, in-cab alert** to warn the driver — giving them time to respond before fatigue becomes dangerous. It's a simple but meaningful intervention that can make a real difference on the road.

Designed to perform in challenging, real-world conditions, the DMS Sensor works in **low-light environments** and is effective even when drivers are wearing **non-polarized sunglasses** — so it's reliable when it's needed most.



**Note.** This sensor is compatible with the Driver•i D-450.

# Release Notes - Introducing the Driver•i Help Center

## DMS Sensor

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### □ Benefits

The DMS Sensor extends the value of Driver•i into one of the hardest areas to address: fatigue you can't see coming.

Here's what it brings to your fleet:

- **Earlier warnings** — Alerts drivers at the first signs of drowsiness, giving them time to act before fatigue becomes dangerous.
- **Holistic safety coverage** — Augments Driver•i's existing capabilities with a dedicated drowsiness monitoring view for more complete driver oversight.
- **Objective, measurable data** — Science-backed detection using proven indicators removes guesswork and delivers consistent, reliable results.
- **All-condition reliability** — Performs in low light and with non-polarized sunglasses, built for real drivers on real routes.
- **Easy integration** — Works in conjunction with the Driveri D-450 — no wholesale system replacement, just an intelligent upgrade to what you already have.
- **Reduced incident risk** — Fewer drowsy-driving accidents means better outcomes for drivers, fleets, and everyone sharing the road.

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### □ Ready to Learn More?

Ready to add the DMS Sensor to your Driver•i setup? Contact your Account Manager today to learn how straightforward the implementation really is — and take the next step toward a safer, more aware fleet.

Please use the following links to review additional information:

- [Driver Drowsiness Detection with the DMS Sensor](#)
- [Driver•i DMS Sensor Installation Guide](#)
- [Driver•i - FAQ](#)