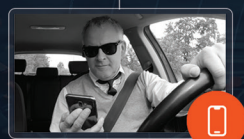




● AI-POWERED SAFETY CAMERA



Distraction Detected



Don't Just Record Risk. Help Prevent It.

The 3rd Eye® AI Safety Camera brings real-time driver monitoring, road safety alerts, and in-cab coaching together in one intelligent device, helping drivers recognize risk and respond before it becomes an incident.



Safety Technology That Acts in the Moment

Traditional video systems can tell you what happened. 3rd Eye takes the next step. AI processing happens directly on the camera, continuously analyzing driver behavior and road conditions. When the system identifies a developing risk, it can alert the driver immediately, giving them an opportunity to correct the behavior before an incident occurs.

- ✓ **Real-Time Detection:** AI continuously monitors the driver and roadway.
- ✓ **Immediate Coaching:** Audible and visual alerts reach the driver when they can still make a difference.
- ✓ **Smarter Review:** Events can be evaluated by severity, helping fleet managers focus attention where it matters most.

Correct Risk in Real-Time. Not After the Fact.

The 3rd Eye AI Safety Camera runs its AI models directly on the device, spotting safety concerns and giving drivers immediate audible alerts and visual feedback with no round trip to the cloud. That makes it an active safety tool inside the cab, helping drivers correct risky behavior as it happens and keeping core safety functions working even where cellular coverage is spotty.

Configurable cabin privacy modes let fleets choose whether to record drivers, passengers or both while still monitoring defined safety behaviors.

With 3rd Eye, fleets can rely on a single partner for incident management and safety coaching, simplifying vendor management and reducing system complexity.



Edge-AI Native Architecture
Intelligence built into the device.



Real-Time In-Cab Alerts
Immediate feedback when it matters most.



Reduced Cloud Dependency
Reliable performance beyond connectivity.



Configurable Cabin Privacy
Maximum flexibility for fleets.

Two AI Systems. One Safer Drive.

Driver Monitoring: The cabin-facing AI uses gaze tracking and head-pose analysis to recognize behaviors that can increase risk, even when a phone or other obvious distraction is not visible.

- 👁️ Distracted Driving / Eyes Off Road
- 📱 Cell Phone Use
- 🛑 Seatbelt Violations

- 🚫 Camera Obstruction
- 🚭 Smoking Detection

Road Safety: The road-facing AI continuously monitors conditions ahead and can provide immediate in-cab warnings when it detects developing risks.

- ⚠️ Forward Collision Warning
- 🚦 Following Too Closely / Tailgating
- 🚧 Lane Departure
- 🛑 Stop Sign Violations
- 🚦 Posted Speed Warnings

CAMERA SYSTEMS

3RD EYE AI SAFETY CAMERA

Advanced Technology Without Complicated Installation.

Designed for straightforward fleet installation, the camera can be self-installed in approximately 15 minutes with guidance from the installation app. Multiple connection options, including direct-wire, OBD and J1939, make it easy to accommodate different vehicle configurations.



Fleet-Grade Hardware. Intelligent by Design.

1080p HD VIDEO	HDR HIGH DYNAMIC RANGE	Night VISION SUPPORT	Ultra-Wide FIELD OF VIEW	GPS / GLONASS POSITIONING	4G CONNECTIVITY
Wi-Fi WIRELESS CONNECTIVITY	512 GB LOCAL STORAGE	Speaker + Mic INTEGRATED AUDIO	Accelerometer + GYROSCOPE	Three Options DIRECT WIRE • OBD • J1939	

Technical Specifications

Specification	Value
VIDEO & AI	
Resolution	1080p HD
Sensor	CMOS + HDR
Field of View	128.6° H / 69.4° V / 153.4° D
Encoding	H.265 / H.264
Night Vision	Built-in IR
Camera Inputs	Up to 2
Processor	Quad-core ARM A53
CONNECTIVITY & POSITIONING	
GPS	GPS / GLONASS / A-GPS
Update Rate	1–4 Hz
Antenna	Internal active ceramic
Cellular	4G Cat 4
Data Speed	150↓ / 50↑ Mbps
LTE Bands	B2 / B4 / B5 / B12
Wi-Fi	2.4 GHz, 802.11 a/b/g/n
Wi-Fi Modes	Access Point / Direct / Hotspot

Specification	Value
STORAGE, MOTION, CONSTRUCTION	
Storage	microSD, up to 512 GB
Card Type	Class 10 High Endurance
Motion Sensors	3-axis accel. + gyro, 50–100 Hz
Construction	Aluminum alloy
Size	87 × 126 × 46 mm
Weight	212 g
Humidity	90% RH
Certifications	CE / FCC / PTCRB
POWER & ENVIRONMENT	
Power Options	Direct / OBD / J1939
Voltage	12 V nominal, 10.2–36 V
Current	8 mA standby / 1 A peak
Camera Connection	USB-C
Backup Battery	600 mAh / up to 10 min
Operating Temperature	-20 to 70°C parking / -20 to 45°C Driving



Learn more or request a free,
no-obligation demo today.
www.3rdEyeCam.com



3RD EYE®