RastracVision
Premium

RastracVision is an advanced dash camera with a built-in AI processor to detect driving events such as lane departure, forward collision, and improper driver behavior such as using mobile phones and not wearing seat belts. RastracVision can alert the driver in real time of dangerous behaviors, and upload events to the Rastrac platform to be reviewed by a fleet manager and aid in coaching the drivers to reduce traffic risks.
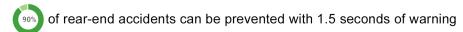
Key Features

- Supports up to 4 channels of video recording
- Built-in AI event detection with ADAS and DMS capabilities
- ADAS automatic calibration
- Harsh driving detection with 6-axis G -sensor (Harsh Acceleration, Deceleration & Sharp Turn)
- Real-time in-cab feedback
- Dual Micro SD Card storage with dual-stream recording (HD and SD Recording)
- Built in Bluetooth, Wi-Fi & LTE modules
- Supports live streaming, remote video playback, and automatic event upload
- Built-in Manual Records / SOS Trigger Button

Driver Behavior Events

Following Distance Warning	Driver Using Cell Phone
Forward Collision Warning	No Seat Belt
Lane Departure	Harsh Cornering
Driver Distracted	Harsh Braking
Driver Falling Asleep	No Driver Detected
Driver Smoking	Camera Covered

In-Cab Alerts for Drivers

90% of rear-end accidents can be prevented with 1.5 seconds of warning

44% of non-performance driver-related crashes are due to falling asleep while driving

40% of all driver-related crashes are due to driver inattention

11% reduction in crashes with a vehicle lane departure warning system

In-Cab Visual Alert Display

1.4" display for visual feedback
Built-in speaker for audio feedback