

ADAS Dashcam

FleetUp AI Dashcam : Route recording + ADAS

Accessory : Interior Camera as DMS

Improved driver safety and accident prevention



Product overview

The FleetUp AI Dashcam with ADAS delivers clear visibility into both road conditions and driver behavior. It captures critical driving events and provides the context fleet teams need to understand risk as it happens.

The system features a forward-facing camera that records hazardous events such as collisions, sudden acceleration, and harsh braking, alongside an integrated ADAS engine that identifies unsafe driving patterns in real time. An optional driver-facing camera can be added to detect behaviors like drowsiness, distraction, or phone use while driving.

Video events are stored locally on the device for later review and analysis. Combined with GPS-based location and trip data, fleet managers gain a driver's-eye view that supports more informed reviews and targeted coaching.

The AI Dashcam with ADAS can be deployed as a standalone solution with real-time tracking and trip history, or integrated into the FleetUp platform as part of a broader fleet safety stack.

Key features

- Artificial Intelligence (AI) technology
- ADAS alerts: following distance, near-collision warnings, lane departure, and more
- HD cameras
- Voice assistant to alert the driver
- Automatic saving of event recordings
- Instant video retrieval
- Built-in GPS

Key benefits

- Greater fleet flexibility
- Event-based video recordings
- Reduced accident risk
- Night-time video recording
- Improved safety and driving behavior
- Videos stored for later review
- Accident liability protection
- Reduced insurance premiums

Trucks, vans, commercial and passenger vehicles



The FleetUp Smart Camera with ADAS + DMS provides an early warning system that ensures the highest level of safety. Improves driver safety and accident prevention.

Specifications

Front-facing camera	<ul style="list-style-type: none">Field of view: H=118° / D=145°Resolution: 1920 x 1080Frame rate: 25FPS
Interior camera	<ul style="list-style-type: none">Field of view: 100°Resolution 1280 x 720Frame rate: 15FPS
Audio speaker	Speaker: Alerts drivers about system status and events
ADAS	FCW, HMW, LDW, PCW
Privacy	Recording Mode: Black-and-white video, no audio
Connectivity	4G
SD card capacity	128 GB — approx. 34 hours (1080p recording) / 256 GB (optional)
Dimensions	2.72 in × 2.05 in
Mounting	Inside the front windshield
Input voltage	DC 9V-30V
Battery	450mAh
Operating temperature	-4°F to 158°F

Additional Cameras

A small, black, rectangular camera mounted on a bracket.	CI02 Secondary DMS Camera (Optional) <ul style="list-style-type: none">Field of view: 135°Resolution: 1920 x 1080Frame rate: 25FPSMonochrome, no audio
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