

# RasTrac<sup>®</sup> Vision

AI Video Protection for Any Vehicle

RastracVision is an AI-powered intelligent dashcam with best-in-class dual HD cameras that capture driver- and road-facing video. Patented AI video surveillance detects unsafe or unusual activity - even when the car is off.

## Features

**True 4G LTE:** Built-in 4G LTE data connection

**Dual HD Cameras:** 1440p road-facing and 720p driver-facing HD video

**AI Video Surveillance:** Always-on guard, detecting unsafe or unusual activity - even when the vehicle is off

**Live View & In-Cab Audio:** See and hear your drivers in real-time

**Embedded Storage:** Up to 120 hours of video will reside on the camera, after which it will start to overwrite older data

**GPS Location:** Instantly know driving direction and location

**Easy installation:** Simple 5-minute install



## Hardware

### Cameras

4MP sensor with 2µm pixel size  
Fixed focus  
6 element lens (1 glass, 5 plastic)  
120 degree D-FOV  
f/2.14 aperture  
Hybrid blue glass IR filter

### Video Recording

1440p road-facing HD video  
720p driver-facing HD video  
Always-on  
30 FPS  
H.265 (HEVC)  
2X digital zoom with full resolution

### Capacity

Up to 120 hours of driver and road-facing video

### Anti-theft

Dual anti-theft floodlights (white LED)  
Anti-theft beacon (RGB LED)

### Cellular & Wireless

True 4G LTE wireless data connection  
Wireless LAN 5GHz and 2.4GHz  
Bluetooth Low Power 4.2  
Wi-Fi direct

### Processor

2 GHz, octa-core processor  
3GB RAM

### Audio

Audio formats supported: AAC  
Mono speaker  
Stereo microphone

### Sensors

3 axis gyroscope  
3 axis accelerometer  
3 temperature sensors

### Dimensions

Width: 3.4" | Height: 2.4" | Depth: 1.1"

### Environmental requirements

Operating temperature: -4°F to 120°F  
Non-operating temperature: -40°F to 175°F  
Relative humidity: 0% to 95%, noncondensing  
Operating altitude: 3000m maximum  
Not waterproof

### Touchscreen Display (Optional Control)

2.4-inch (diagonal) LCD touch display  
240-by-320-pixel resolution at 166 ppi  
800:1 contrast ratio (typical)  
400cd/m2 max brightness (typical)

## Software

### Hands-Free Voice Control

Voice commands to bookmark important events.

### System Requirements

Works with all class 1-8 vehicles built after 1996.  
Adapters available for vehicles without an OBD-II or already occupied ports.



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