



road**eyes**cams
Drive . Record . Secure



The dual-camera video black box



Interior and
Exterior Camera



Gyrosopic
Sensor



GPS
Tracker



Automatic
Recording



Resistant
Housing

recduo ^{HD}

The recDUO HD is a high-end video black box featuring two cameras. A front-facing camera (720p HD resolution 120°) records the road and a rear-facing camera (wide-angle fish-eye lens 170°) films passengers. This automatic and autonomous on-board recording system is your ally on the road and your independent witness in case of an accident.

Equipped with a three-dimensional gyroscopic sensor that determines the origin of impact. An interior wide-angle camera that is synchronized with the road camera, covers the vehicle's entire passenger compartment. Combined with its GPS chip and temperature resistant components, there is nothing that will escape the recDUO HD on your journey.

All data is automatically recorded and securely stored on the memory card, in a continuous loop. Upon activation of the emergency recording feature, by the G-sensor or manually, the recDUO HD saves the recording (two minutes before and one minute after) in a secure file. Later you can review your videos and simultaneously track your journeys on Google Maps, using the bundled RoadEyes software.



The benefits of RoadEyesCams

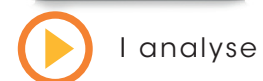
-  Increased road safety
-  Increased safety for the community
-  Peace of mind behind the wheel
-  Objectively prove your innocence
-  Negotiate your insurance budget
-  Reduce your fuel budget
-  Become an eco-driver
-  Analyse your driving



Application interface

recDUO HD offers a useful and innovative service: manage your recDUO HD device via the included software. This software is Mac/PC compatible and is constructed with intuitive ergonomics, enabling you to consult your vehicle's data: speed, geographic position, different viewing angles, G sensor, route travelled, distance, duration, video, sound, etc.

Download from our website:
road-eyes.com/app



External view
Internal view
Google Maps

Speed
Position
Volume
Progress bar
Playback speed
Gyroscopic sensor
Playback controls



HD Wide-angle Camera

The 720p camera features a wide-angle lens with a 120° angle-of view. This gives the recDUO HD an unprecedented field-of-vision. The sensors are highly sensitive and adapts to visibility conditions on the road. They detect low and high light conditions, as well as sudden changes (for example exiting a tunnel.) This way the recDUO HD ensures clear high-defenition footage of your journey 24/7.

The recDUO HD also films the inside of your vehicle with its second interior camera, equipped with an ultra wide-angle 170° fish-eye lens. This gives you a clear view of the entire passenger compartment, as well as the vehicle's close surroundings. The recDUO HD ensures perfect recording of your passenger compartment - night and day - thanks to its four integrated infrared LEDs.



Gyroscopic Sensor

The «G shock sensor» records all your vehicle's movements: sudden acceleration, excessive braking and swerving. Providing the details of any accident that can later be used to reconstruct an event that has occurred on the road. The recDUO HD stores your vehicle's video and movement data, making it a complete on-board black box.



GPS Tracker

You're going to love the recDUO HDs integrated GPS: your vehicle can be geo-located wherever you are and associated with Google Maps. This sophisticated technology allows you to analyse a variety of data relating to your vehicle: GPS position, direction, average speed, distance travelled, journey time, etc.



Automatic Recording

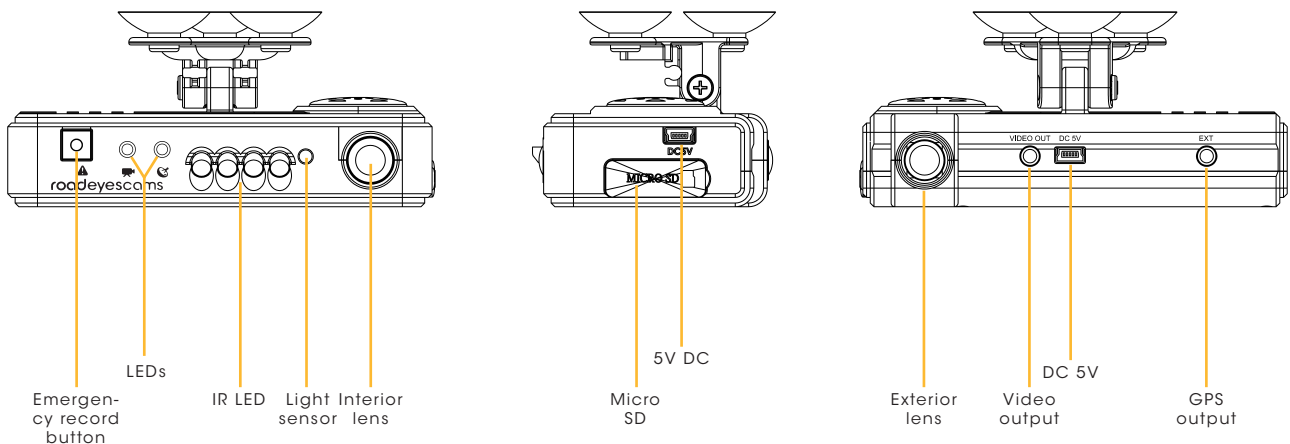
The recDUO HD automatically and continuously records all your journeys. Just start your vehicle to launch your recDUO! The recordings are saved in a loop on the pre-formatted SD card provided. Once the card is full, the old recorded journeys are automatically replaced with your current journey. This way, your journeys are always recorded securely. Finally, the 120 seconds before and 60 seconds after an impact are stored in a secure file.



Resistant Black Box

Manufactured using high quality components, the recDUO HD continues to function even in the most demanding environments. Placed on your windshield near your rear-view mirror, recDUO HD can easily resist temperature ranging from -10°C to +70°C.

Schematic



Key functionality



Technical specifications

Chipset	Ambarella H.264 video compression
Photo sensor	1/3" (HD 720p)
Angle-of-view	120° (exterior) and 170° (interior)
Voltage	5V, 1A
Operational Temperature	-10° +70° (inside the vehicle)
Storage peripherals	micro SDHC - maximum capacity 32 GB
Video resolution	HD 1280*720 (exterior) - VGA (interior)
Registered data	Date, time, video, sound, GPS data (speed and position) and 3D position
Video format	Proprietary format compatible with bundled RoadEyes software
Microphone	Integrated high-sensitive microphone
Time settings	Automatic time setting with GPS signal - Manual configuration via supplied software
Gyroscope	Gyroscopic sensor with 3D axes
Speaker	No

Software compatability

PC : Windows 7 - USB 2.0
 MAC : OS X 10.7 or above - USB 2.0

Packaging contents

Power cord	5V Cigarette lighter power adaptor
Remote control	Infrared
CD-ROM	RoadEyes road analysis software & user manual
Mount	Suction cups and sticker option
Quick-start guide	Instructions for installation and start
Memory card	8 GB Micro SDHC card
USB	Memory card reader

Logistical information

Packaging dimensions (cm)	15 x 18,5 x 6,8
Package weight (kg)	0.53
Box dimensions (cm)	40 x 32 x 38
Packaging	20p / box
Weight of 20 unit box (in kg, Gross Weight)	11.5
EAN item code	3700736200046
Item code	FHNE05RE
Customs code	8525 80 91
Languages (manual & pack)	FR, EN, DE, ES, IT, NL
Warranty	24 Months

