

RoadHawk HD-2



Ultra high quality video RoadHawk HD-2 uses the top quality Ambarella A7L chipset and Omnivision sensor with HDR allowing for recording at 2304x1296p (30fps), 1080p (up to 60fps) and 720p (up to 60fps).

Digital Image Stabilisation RoadHawk HD-2 is the latest RoadHawk camera to include EIS (electronic image stabilisation). Something rarely seen in vehicle black box cameras on the market. EIS offers the smoothest video even on the roughest of road surfaces.

Low Light Performance / Night mode The RoadHawk HD-2 uses a HDR sensor. This sensor not only provides excellent colour reproduction and sharp day time images but also the best low light reproduction due to it's ability to expose for both light and dark areas, without compromising detail.

UK Designed Software Our software is compatible with Windows 7 and above or MAC OSX 10.9 and above. The software shows the video, date & time stamp, speed, GPS location, map view, files and G-force information. You can also play the videos in Quicktime, VLC or Windows Media Player. The standard video files can be edited by just about any video editing software available.

SDXC Compatible with High Capacity SD Card The RoadHawk HD-2 camera is compatible with the latest range of high capacity cards including the latest SDXC format allowing cards from 4GB to 512GB to be used.

Precision GPS receiver RoadHawk HD-2 uses an internal GPS sensor to record exactly where a vehicle has been travelling. This is then interpreted by the software to offer mapping and speed data. At 10hz this is one of the most accurate GPS sensors available. There is an optional GPS antenna available for vehicles that have some difficulty locking on to the GPS.

Automatic Shock Sensor The HD-2 has a configurable 3 axis accelerometer which measures shocks to the vehicle. When a shock is detected the camera will lock the file as an event, making it easy to find and review any potential impacts. Events can also be manually activated, either using the 'E' button on the rear of the camera or by using the optional remote event trigger.

Integrates with telematics The RoadHawk HD-2 has the ability to connect to a tracking or telematics unit using the optional remote event trigger and alarm output button. This is wired to the alarm input connections on compatible tracking / telematics systems enabling the data centre to be informed whenever the camera creates an event.

Lockable Solution (optional) Many customers want to restrict access to the camera. With the locking box in place, it is not possible to remove the SD card or the power cable without a key, making the camera virtually tamper proof. The locking solution is designed to be as unobtrusive as possible and only takes up a few cm more room when fitted.

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Features

- Super HD 2304x1296p at 30fps, 1080p & 720p at up to 60fps video recording
- HDR sensor providing excellent video quality in all lighting conditions
- Electronic image stabilisation
- SD XC compatible (4GB to 512GB)
- External GPS antenna connection
- External Audio input connection
- 10hz GPS Receiver
- A7L processor for high quality H.264 encoding
- User controlled video bit rate setting
- User controlled G-Force, audio input and speaker volume settings
- Audio can be disabled
- 2x adhesive mounts ensuring optimum fit for all vehicles
- 1/4" standard camera mount thread for use with numerous camera mounts and grips
- Low level algorithm for detecting SD card errors and warning the user of any potential problems
- Alarm input connection for remote triggering events and output for communicating with tracking devices



Product Overview

- Type: In Car Camera
- Degree of viewing angle: 125°
- GPS Logging: Yes
- Impact detection: Yes
- Night Mode: Yes
- Remote event button: Optional

Specifications

Chipset	Ambarella A7/LA70 chip, support 1296p / 30fps, 1080p / 60fps, HDR 1080p / 30fps, 720p / 60fps and 720p / 30fps
Audio	Variable sensitivity internal mic - External mic input (3.5mm jack)
Encoding	H.264 . MP4 Files with embedded G-Force and GPS data
Bitrate	Adjustable from 4Mbits to 20Mbits
Loop Mode	One minute or five minute files continuous loop with file locking
Normal Mode	Up to 30 min long files (no looping or file locking)
GPS	10Hz GPS receiver with internal antenna
External GPS	Waterproof, magnetic external GPS antenna (optional)
Power	12v, 5m Power cable with Aux plug or optional 12/24v hard wiring solution
EIS	Electronic image stabilisation
G-Force	3D G-force Sensor installed (variable sensitivity)
Internal Power	2 x Super capacitors to ensure safe camera shutdown
Memory	SD XC compatible (up to 512GB)
Sensor	OmniVision OV4689 with super low light sensitivity with HDR
Lens	6 element glass, f/2.0, wide angled 125 degree lens
Mounting	Standard RoadHawk adhesive mounting 1/4" Camera thread for suction/clamps mounts
Compatibility	Windows 7 or above and OSX 10.9 or above
Adjustable Settings	Mic sensitivity, speaker volume, event sensitivity, contrast, brightness, saturation, metering