

4G Integrated Telematics Camera

RH600 1.5

Product Information Sheet



Why waste time and money installing separate cameras and vehicle trackers? Take road safety and fleet efficiency to the next level with the award-winning RH600, the first 4G vehicle camera combined with fully-featured telematics.

Fleet managers can live-stream footage from any vehicle - and receive videos or photos of any incident or event. Choose from one forward-facing camera or an optional extra camera which can be set up to monitor the driver, load area of the vehicle or an external view.

Trakm8's compact RH600 also provides advanced telematics functionality, including driver behaviour scoring, vehicle health alerts, DriverID and our forthcoming Advanced Driver Assistance System (ADAS) features to further reduce road risk.

Features

- **HD Video Resolution**
- **Camera Options**
 - Front and Driver facing cameras including an additional camera option external that can be used in the following combinations.
 - Front facing camera only
 - Front facing camera and driver facing camera
 - Front facing camera and additional camera
 - Additional camera can be used internal or external to the vehicle and includes waterproof and brake light options.
- **Additional Security And Safety With The Use Of Additional Cameras For Driver Behaviour Monitoring, Safety Against Theft**
- **Updated Enclosure / Lens Design Prohibits Removal And Excessive Rotation To Reduce Tampering**
- **Improved Night/Day Vision With Auto Infra-Red Filter Switching**
- **Vehicle Health Via Trakm8's Connectedcare Solution**
- **Vehicle Diagnostics**
- **Integrated Telematics**
- **GPS Tracking**
- **G-Sensor**
- **Compliant Remote Tacho Data Download**
 - Saves vehicle downtime

* FNOL is currently not supported in LGV or HGV vehicles. ** ADAS features coming soon.

Features (cont.)

Video On-Demand

- Automatic transmission of harsh events or collisions
- Drivers can send footage at the touch of a button
- Improve driving performance using event-based video coaching

Live Video Streaming (4G)

- Live stream footage from the cab or road ahead to identify driver distraction and unsafe driving practices
- Improve customer service by combining live footage with GPS data to identify the reasons behind a delay
- Check driver welfare in the immediate aftermath of a collision

Security

- Secure encrypted firmware – tamper proof
- Secure video storage – encrypted disk

Automated FNOL Events*

- Automatically capture and report crash events
- Trakm8 can push data to third parties such as police and insurers, to speed up the claims process

Geo-Fencing

- Draw virtual barriers around points of interest such as depots and customer premises
- Receive alerts when your vehicles enter or exit these zones
- Capture footage or still images upon entry and exit
- Create evidence of time spent on site for invoicing and customer disputes
- Receive notifications of out-of-hours use

Insight Reports

- Choose from hundreds of reports to create a personal dashboard
- Monitor the KPIs that matter to your business
- Create rules to receive notifications, for example a photo of the driver at the start of each journey

Great Data Package

- Trakm8's basic tariff includes up to 250 videos, 125 still images and 10 minutes of live streaming every month
- Review forward and rear-facing camera footage creating a holistic view of events

ADAS Features

- **Driver Distraction****
 - Monitor high-risk behaviours
- **Driver Fatigue****
 - Monitor driver micro-sleeping
- **Forward Collision Warning****
 - Monitor for excessive closing speed
- **Safe Distance Alert****
 - Proximity alerts to prevent tailgating

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Features (cont.)

Driver Feedback LED Ring Indicator

- Right half – Camera recording integrity
- Left half – Driver Score and Idling

Driver Button

- Business / Private journey selection
- Alert button
- BLE option (ACC700 / ACC710)
- BLE option (ACC700 / ACC710 / ACC750)

DriverID

- Dallas ID via Dallas Key – ACC710
- Tacho ID card (wired) – ACC700/ACC710
- RFID cards – ACC750

Installation Options

- Track and trace with video
 - 6 way connector (included)
- PTO Auxiliary Input
 - 6 way connector (included)
- Vehicle CAN 1 Interface
 - 6 way connector (included)
- Tacho CAN 2 Interface
 - 4 way connector (requires ACC540)
- Tacho ID D8 Interface
 - 4 way connector (requires ACC530 or ACC540)
- BLE PTO auxiliary input (ACC700 / ACC710)
- BLE Tacho DriverID (ACC700 / ACC710)
- BLE Driver feedback Display (ACC750)

Mounting

- Detachable windscreen mount featuring clear acrylic pads and security screws

Specifications

Connectivity

- Bluetooth Low Energy (BLE 4.2)
- GPS location technology
 - Separate antenna
- 4G communications
- Vehicle CAN 1 interface
- Tacho CAN 2 interface
 - Remote Tacho data download

Video Recording

- 10 second .mp4 file recording lengths

Video Resolution

- Recording resolution is 1080p
- Streaming resolution is 640p x 360p
- 20 – 25 fps

Video Storage

- 128GB or 256GB flash drive

Supply Voltage

- 6 – 30V
- SuperCap (power retention)

Current Draw

- 600mA @12V Average (normal operating)
- 7mA @12V Sleep mode
- 1.8A peak @12V

Weight

- With one camera: 206g
- With two cameras: 221g

Enclosure

- Fire-resistant PVC black casing

Dimensions

- LxWxH: 129mm x 97mm x 42mm

Operating Temperature

- -20°C to +85°C

Certification

- CE and E-mark

Bundles

RH6DL256

- Dual lens camera with 256GB memory

RH6SL128

- Single Lens Camera with 128GB memory

RH6SL256

- Single Lens Camera with 256GB memory

Accessories

Bluetooth Business/Private & Alert Button - ACC700

- Business/Private journey switching
- Driver Alert
- DriverID via Tacho (Wired)

Bluetooth DriverID & Alert Button - ACC710

- Business/Private journey switching
- Driver Alert
- DriverID via Dallas Key
- DriverID via Tacho (Wired)

Bluetooth DriverID & Driver Feedback - ACC750

- Clear auto-dimming display
- Real-time driver score updates and alerts poor driving technique
- Driver identification using all standard door entry and employee identity card solutions and NFC from a mobile phone
- Multi-functional button:
 - a. Business or Private journey selection
 - b. Driver Alert

Tacho DriverID - ACC530

- Driver identification via Tachograph Card
- Driver working states

Tacho Data Download - ACC540

- All the above Driver ID features
- Over air data download
 - Vehicle files
 - Driver files
 - Compliant with third party processing

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** ADAS features coming soon.

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