

AI-Powered Telematics Camera

RH600 Plus

Product Information Sheet



Take driver safety and fleet efficiency to the next level with the RH600 Plus AI-powered dash cam, featuring Trakm8's unique ADAS (Advanced Driver Assistance System). RH600 Plus detects high-risk behaviours such as driver distraction, fatigue and tailgating, and coaches safer driving in real-time through voice and visual alerts.

The compact RH600 Plus provides all the functionality you've come to expect from our award-winning cameras - including 4G high definition cameras, advanced telematics, driver behaviour scoring, vehicle health alerts, and Driver ID through tachograph connectivity and/or employee card (when used with our RFID Bluetooth enabled ACC750 device).

Fleet managers can live stream footage from any vehicle and receive video footage and/or photos of any incident or event. RH600 Plus offers single, dual lens or tri-lens configurations; with options for forward facing, driver facing, and internal load bay/ external vehicle view cameras.

Features

ADAS Features

- **Driver Distraction**
 - Monitors high risk behaviours including driver's eyes not focused on the road, mobile phone use, eating and drinking
- **Driver Fatigue**
 - Detects microsleep and signs of driver fatigue
- **Tailgate Alert**
 - Detects when there is unsafe distance between the driver's vehicle and the vehicle ahead
- **HD Video Resolution**
- **Camera Options**
 - Front facing camera
 - Front facing & Driver facing cameras
 - An accessory camera can be added to either model to give additional views of the driver or vehicle
 - Accessory cameras encompass a full range of internal/external models including waterproof and brake light options
- **Updated Enclosure / Lens Design Prohibits Removal & Excessive Rotation To Reduce Tampering**
- **Improved Night/Day Vision With Auto Infra-Red Filter Switching**
- **Vehicle Health Via Trakm8's Connectedcare Solution**
- **Vehicle Diagnostics**

* FNOL is currently not supported in LGV or HGV vehicles.

Features (cont.)

- **Integrated Telematics**
- **GPS Tracking**
- **G-Sensor**
- **Compliant Remote Tacho Data Download**
 - Saves vehicle downtime

Video On-Demand

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

Live Video Streaming (4G)

- Live stream footage from the cab or road ahead to identify driver distraction & unsafe driving practices, as well as livestreaming from an additional 3rd camera
- 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 & report crash events
- Trakm8 can push data to third parties such as police & insurers, to speed up the claims process

Geo-Fencing

- Draw virtual barriers around points of interest such as depots & customer premises
- Receive alerts when your vehicles enter or exit these zones
- Capture footage or still images upon entry & exit
- Create evidence of time spent on site for invoicing & 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 & 10 minutes of live streaming every month
- Review forward & rear-facing camera footage creating a holistic view of events

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Features (cont.)

Driver Feedback LED Ring

- Right half – Camera/journey status
- Left half – Driver score & idling

Driver Button

- Business / private journey selection
- Alert button
- BLE option (ACC750)

Speaker

- Voice & tone in cab alerts
- Configurable volume
- Audio coaching

DriverID

- Tacho ID card (wired)
- RFID cards (ACC750)

Installation Options

- Track & 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 driver feedback display (ACC750)

Mounting

- Windscreen mounting via bracket & clear acrylic adhesive pads
- Detachable camera held securely to the bracket
- Security screws for lens position lock

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

- 256GB flash drive

Supply Voltage

- 6 – 30VDC
- SuperCap (power retention)

Current Draw

- 860mA @12VDC (In Jny avg.)
- 11mA @12VDC (Sleep)
- 5mA @12VDC (Deep Sleep)
- **2.7A** peak @12VDC

Weight

- With two cameras & bracket 260g

Enclosure

- Fire-resistant PVC black casing

Dimensions (Inc. Bracket)

- 130mm x 98mm x 48mm

Operating Temperature

- -20°C to +85°C

Certification

- CE, UKCA & E-Mark

Accessories

In Cab Cameras

- R20401 – External facing (rear view)
- R20402 – Internal facing (alternative driver view)
- R20410 – Internal facing (wide angle view)
- R20411 – Internal facing (dome view)

External Cameras (Waterproof- IP67)

- R20420 – External facing (side view)
- R20421 – External facing (rear view)
- R20422 – Mini external facing (side view)
- R20423 – External facing (dome view)

Bundles

RH6PDL256

- Dual lens camera with 256Gb memory
- 3rd camera options (see accessories)
- Up to 50 hours of journey recording (dual)
- Up to 34 hours of journey recording (triple)

RH6PSL256

- Single lens camera with 256Gb memory
- 2nd camera options (see accessories)
- Up to 100 hours of journey recording (single)
- Up to 50 hours of journey recording (dual)

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