



RAK | Road Assessment Kit

Turn any vehicle into a road survey data collector

Do you need to accurately categorize road conditions and linear miles? Red Hen Systems' RAK (Road Assessment Kit) is ready to assist by enabling users to easily install and operate the kit for assessing roads, bridges, curbs, sidewalks, signs, and more. This all-in-one system utilizes real-time video geotagging with Red Hen's patented Video Mapping System, VMS-333. Empower your GIS and management teams to make important decisions efficiently with Red Hen System's RAK.

BENEFITS

RAK is fast, easy, and cost effective

- Saves time: Record and denote problems in real-time such as potholes, shoulders, asphalt cracking, gradation variances, slopes, unevenness, rutting, etc.
- Easy to use: Mark locations with intuitive feature triggers during data collect with Android devices using VMS-Mobile
- Cost effective: Maximize return on investment with low cost and high productivity
- Versatile: Maps data in Google Earth and/or ESRI ArcMap
- Flexible: Ideal for routine vehicle operation in between annual road surveys
- Easy set up: Survey hardware can be moved from one vehicle to another in 30 minutes or less

- Efficient: Supplements data at fraction of the cost of contracting a large firm or operating single purpose equipment

Provides multiple data collections & views

- Captures up to 4 camera views with GPS data points in a single data collect
- Capture photos at regular intervals of time by operating in intervalometer mode
- Show up to 360°
- Mounts to any vehicle



RAK Silver

KITS & PRICING

RAK Silver | Our most affordable solution

Best For: Small organizations that only need a single kit working simultaneously, and don't mind moving kit from vehicle to vehicle.

Includes:

- VMS-333
- VMS-Mobile
- isWhere
- GEM2MISB
- GPS Receiver
- Go Pro camera
- Recorder
- Tablet
- Suctions cups
- 10 hours training

Price \$5,995

RAK Gold | Supports multiple users

Best For: Small to medium size organizations that could benefit from multiple kits capturing data simultaneously.

Includes:

- VMS-333
- VMS-Mobile
- 2 isWhere
- GEM2MISB
- GPS Receiver
- 3 Go Pro cameras
- 3 Recorders
- Tablet
- Suction cups
- 20 hours training

Price \$10,495

RAK Platinum | Full featured, 360° capturing

Best For: Medium to large organizations with large fleets of vehicles that could benefit from multiple kits capturing data simultaneously in 360° view.

Includes:

- VMS-333
- VMS-Mobile
- 4 isWhere
- 4 GEM2MISB
- GPS Receiver
- 4 Go Pro cameras
- 4 Recorders
- Tablet
- Suction cups
- 2 battery packs
- 40 hours training

Price \$12,995



Deceptively Simple. Remarkably Powerful.

PRODUCT KEY

Software

isWhere Geospatial media mapping software for Google Earth.

GEM2MISB Geospatial software to convert geospatially encoded media (GEM) videos to MISB compliant full motion video format for ESRI's ArcMap (free trial available.)

VMS-Mobile Android app, VMS-333 remote utility, to custom named features of interest during the patrols that will readily appear the mapped videos as labeled placemarks.

Hardware

Video Mapping System VMS-333 Geospatial hardware for ground and aerial data collection of geotagged videos, photos, and audio notes.

Equipment

Go Pro Camera Action camera, often used in extreme-action videography.

GPS Receiver Navigation device used to calculate the exact position, speed and time at the vehicles location.

Recorder Electronic device that records video in a digital format to a SSD or other removable media.

Tablet Samsung Google Nexus 10

Battery Packs External units provided to power the VMS-333.

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