

# **Dynacom PH02 Roadhole Finder**

## **Pothole Finder System with Multi Camera Sensor**



*Dynacom PH02 is a multi-camera video-logging system that uses GPS for pothole locations.*

### **Pothole Finding Logging**

*Dynacom PH02 is a multi-camera video-logging system that uses GPS, built-in tri-axial accelerometer, built-in gyroscope and additional vehicle data to capture HD images of any pothole on the road and log its GPS location for post event review.*

### **Monitoring**

*In an effort to improve on this process, Dynacom PH02 can quickly, accurately and cost effectively be used to log road surface damage across multiple lanes of traffic, all while travelling at high speeds.*

*Cataloging and repairing potholes costs governments millions each year because traditional methods of road surface analysis can be very inefficient, tying up limited resources, such as trained specialists and customized vehicles. Dynacom PH02 captures video from two (2) 1080p HD cameras at a rate of 30 frames per second and automatically synchronizes this together with GPS data which is captured at 20Hz (20 times a second).*

*All the operator needs to do is point the cameras towards the road surface (preferably one camera per front corner of the car and at an angle that only just captures the horizon) and each time a pothole is spotted, press a "Pothole Detection" button on the unit, automatically dropping a pin on the GPS data trace.*

*Once back at the office, the video-data can be opened in our Dynacom PH02 Analyzer software and a list of pothole GPS locations is presented to the user. A simple left-click on each pothole location moves the video-data along to that portion of the journey allowing the operator to capture its exact GPS position and gauge the scale of the issue.*





Additionally, Dynacom PH02's built-in Accelerometer and Gyroscope data can provide valuable data about the general road surface conditions if the potholes are widespread or particularly deep. If the operator fails to spot a pothole, the built-in accelerometer and gyroscope data will highlight any particularly bumpy sections of the journey. Dynacom PH02 is quick and easy to install in any vehicle and allows for accurate video and data to be captured at high speed. It really is the ideal system for advanced road surface analysis.

