



# Quick start guide

Roadroid app version pro 3

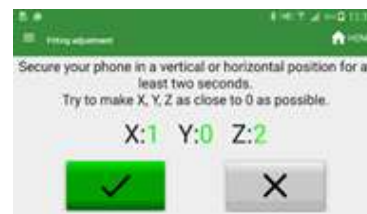
**Roadroid is a system to make road condition surveys. You need a paid and registered account to use Roadroid. Register here:**

<https://www.roadroid.com/account/UserRegistration>

**Read the complete user guide before starting your surveying.**

## Surveying/data collection

1. Install app from Google Play or email [market@roadroid.com](mailto:market@roadroid.com)
2. Add the IMEI number of the phone under Settings > General. It is important to get this correct as it manages the uploads/imports of data.
3. Choose vehicle type under settings.
4. If you want to survey with photos, set photo capture segment length under settings, data, media & sync. We recommend 50 or 100 metres.
5. Mount the phone on your windshield using a steady/firm car mount. A weak mount can ruin the survey. Make sure the mount doesn't obscure the camera lens.
6. Start the Roadroid application by tapping its program icon, then press the yellow "fitting" button.
7. Adjust the phone to X, Y and Z as close to = 0 as possible. Press the green OK button.



8. Press icon depending on if you want to only record IRI, or IRI with either photos or videos



9. Name your survey (optional, can be changed later in the cloud service), and start survey by pressing the red "rec" button and drive. While surveying the screen should look like:



10. When you have finished surveying a road section - press the red stop button and save survey.

**Tip: Try do drive at a consistent speed. IRI values are recorded between 20 km/h – 100 km/h.**



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### Upload data

**Note: While surveying you don't need an internet connection as data is stored in the phone. After finished surveying, upload the data from a stable internet connection. If you experience problems with data upload, restart upload or refer to the more extensive user guide.**

1. Click on "manage uploads" in the app for following screen:



2. Use default service and click on Upload data and media.

It will start will see a list of files being uploaded.

3. It might happen that the upload procedure stops by an interrupt in the network.

Try cancel/remove all and start upload again.

4. When all files are uploaded you can exit the app.

### View data

When data is successfully uploaded, it will be imported to our cloud service.

Go to [www.roadroid.com](http://www.roadroid.com) and log-in with your credentials to view the details of your data. The import history list will show an overview of imported files/surveys.

After clicking on a specific file, you can choose "show survey data on map" to get a quick overview of your survey. The recorded IRI values are colour coded from green for good to black for poor. Photos & videos will also appear on the map if photo/video layer is chosen,





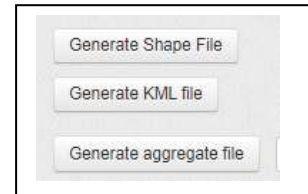
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### Export data

In the Roadroid data management system you have options to export the data as

- Aggregated files (to make charts in Excel)
- KML files
- Shape files



Via an API data can also be imported to your RAMS (Road Asset Management system).

Please read the more extensive user guide for further instructions on exporting data.

### Overview of the Roadroid system

