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# **On-board Map Calibrator**

#### **About**

On-board calibrator enables calibrating an image and placing it over the map. For example when you go to the ZOO or a park simply take a picture of its detailed plan displayed on a board at the entrance. After that you can calibrate the photo according to your background map a use it for your further navigation.

### 1. Get a map picture

- take a photo with you phone camera the more quality camera, the better
- or **copy the image** from your PC/scanner/internet or a DSLR camera to your Dropbox or the phone photo folder (DCIM) and select it

### 2. Calibrate the map picture

- tap Add and choose a distinct point (a hill summit, crossroads etc.) on your picture
- tap ....... in Map coordinates menu and choose the same point on your background map
- repeat this procedure **4 times** try to select points making a square. You can edit their positions by tapping ..... or remove them.

### 3. Generate your calibrated map

- when you are ready with your four points the status line turns green and the Compute button activates
- calibration points overview appears indicates their **deviation**. When it is not large you can name the new map and proceed to its generation



If you have chosen a huge picture, it is highly recommended to divide the map image into many small maps (tiles) bundled into one file.

## 4. Use the calibrated map

Your calibrated map appears now as an **overlay** and can be (de)selected in **Data manager** > **Items** 

update:
2015/02/06 manual:user\_guide:maps\_tools:calibrator https://docs.locusmap.eu/doku.php?id=manual:user\_guide:maps\_tools:calibrator&rev=1423208663
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