



Image map calibration

About

This feature enables calibrating of an image of map and placing it over a background 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 and use it for your further navigation. This option is available only to Locus Map Pro users.

1. Get a map picture

- open the function in **Menu > More functions > On-board Map Calibrator**, a dialog appears
- tap **Take** to take a photo with you phone camera - the more quality camera, the better
- or **Select** to choose the photo from your device memory, from Dropbox etc.




We recommend to **copy the image** from your PC/scanner/internet or a DSLR camera to your Dropbox or the phone memory before selecting it to get better results

2. Calibrate the map picture

- tap *Add* and choose a **distinct point** (a hill summit, crossroads etc.) on your picture

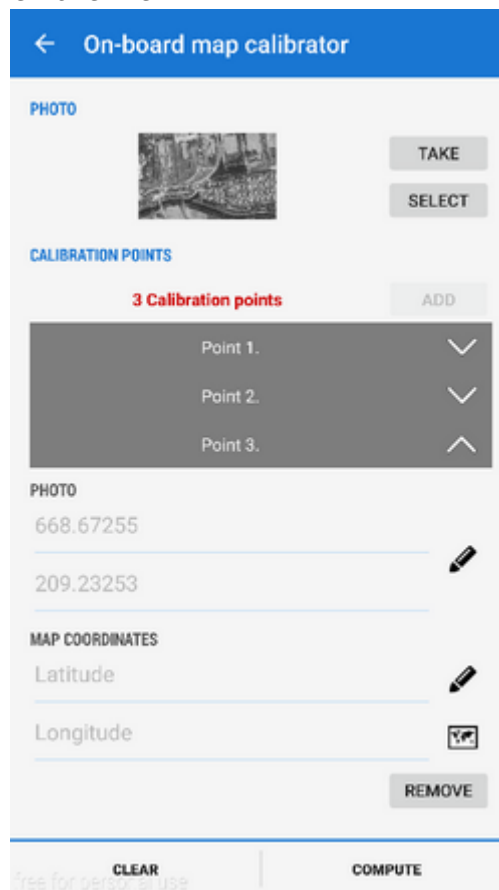


- tap  in *Map coordinates menu* and choose **the same point** on your background map



- repeat this procedure **4 times** - try to select points making a rectangle. You can edit their

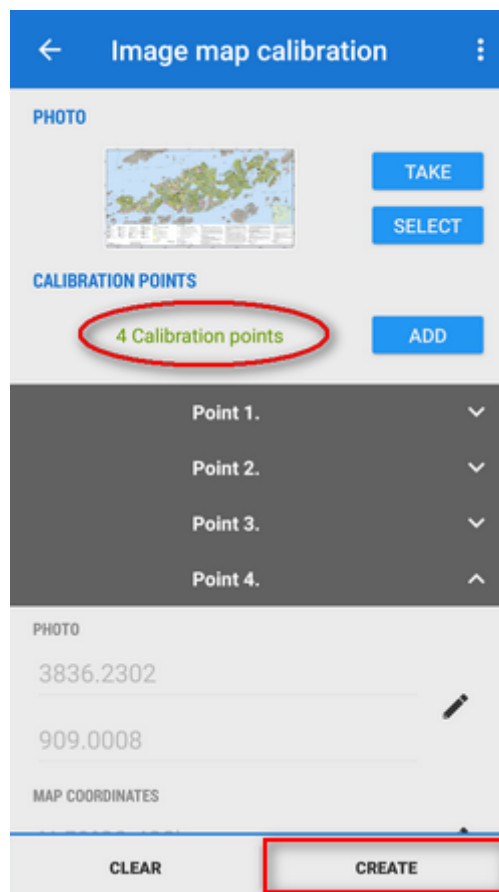
positions by tapping  or remove them.



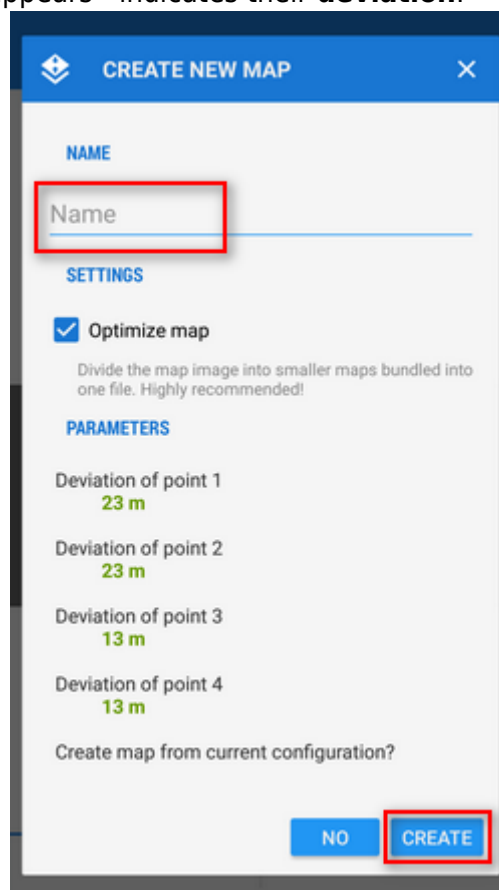
The screenshot shows the 'On-board map calibrator' app interface. At the top, there is a blue header with a back arrow and the title 'On-board map calibrator'. Below the header, the interface is divided into several sections. The first section is labeled 'PHOTO' and contains a small image of a city street, a 'TAKE' button, and a 'SELECT' button. The second section is labeled 'CALIBRATION POINTS' and shows '3 Calibration points' in red text, with an 'ADD' button. Below this, there is a list of three points: 'Point 1.', 'Point 2.', and 'Point 3.', each with a dropdown arrow. The third section is labeled 'PHOTO' and contains two input fields with the values '668.67255' and '209.23253', each with a pencil icon for editing. The fourth section is labeled 'MAP COORDINATES' and contains two input fields for 'Latitude' and 'Longitude', each with a pencil icon for editing. At the bottom right of the input fields is a 'REMOVE' button. At the very bottom, there is a status bar with 'CLEAR' and 'COMPUTE' buttons, and a small text 'Free for personal use'.

3. Generate your calibrated map

- when you are ready with your four points the status line **turns green** and the *Create* button activates



- calibration points overview appears - indicates their **deviation**.



When it is not too significant you can name the new map and proceed to its rendering



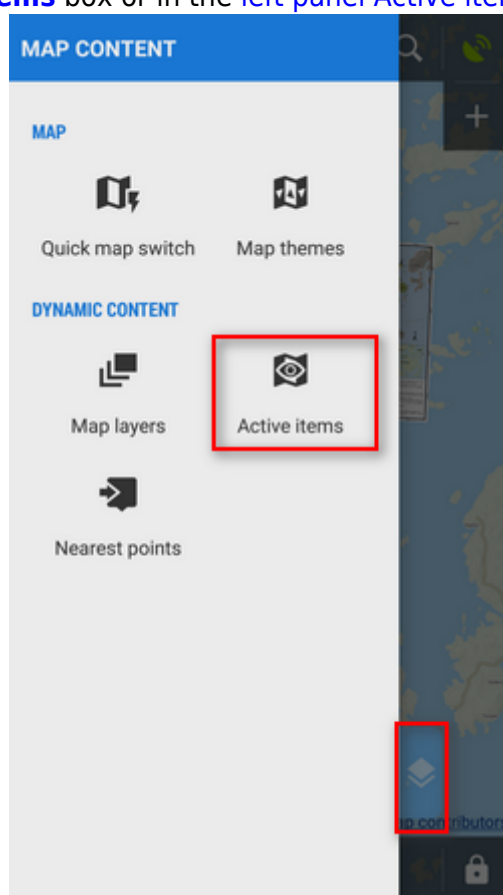
If you have chosen a big image it is highly recommended to check **Optimize map** to divide the map image into many small maps (tiles) bundled into one file.

4. Use the calibrated map

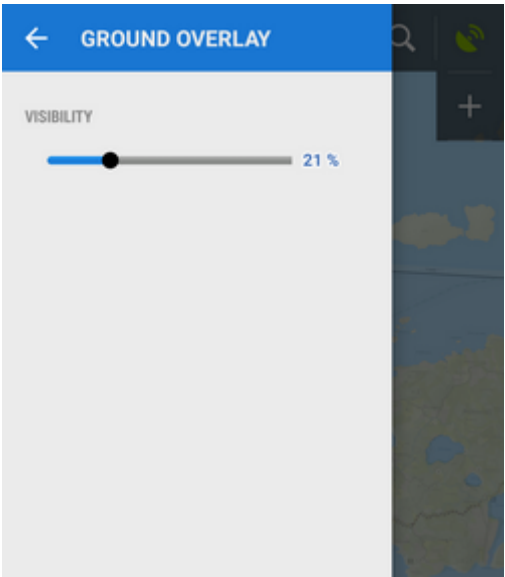
Your calibrated map appears now as an **overlay**



and can be managed in **Map Items** box or in the **left panel Active items** tab.



You can change opacity of the calibrated map by selecting it and moving the opacity slider:



From:
<https://docs.locusmap.eu/> - **Locus Map Classic - knowledge base**

Permanent link:
https://docs.locusmap.eu/doku.php?id=manual:user_guide:maps_tools:calibrator&rev=1481728893

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