



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.

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

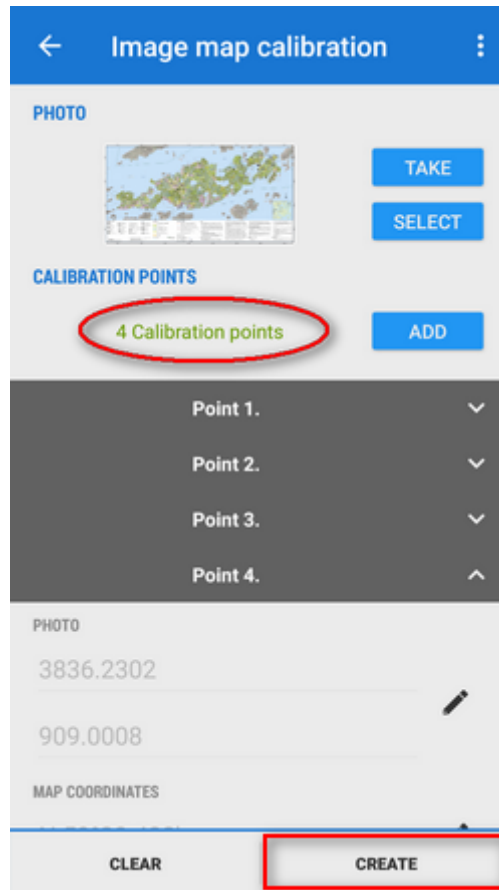


- repeat this procedure **4 times** - try to select points making a rectangle. You can edit their positions by tapping  or remove them.

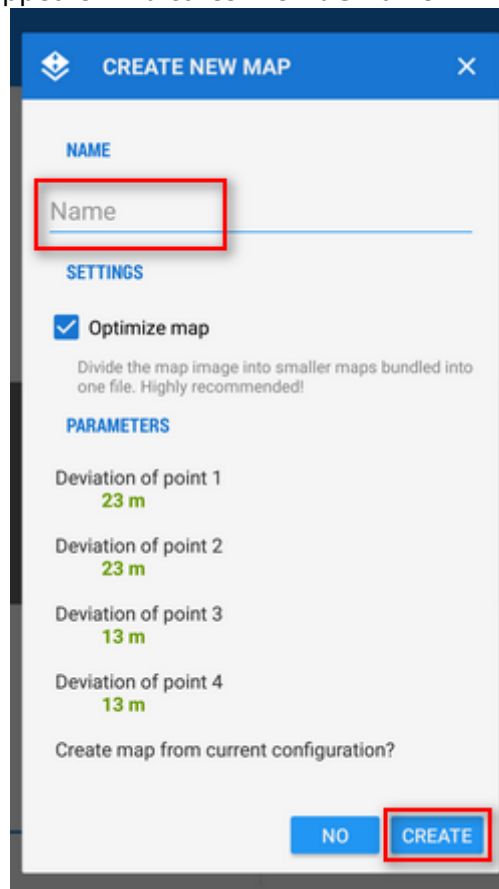
The screenshot shows the 'Image map calibration' app interface. At the top is a blue header with a back arrow, the title 'Image map calibration', and a menu icon. Below the header, there's a 'PHOTO' section with a map thumbnail and two buttons: 'TAKE' and 'SELECT'. Underneath is the 'CALIBRATION POINTS' section, which shows '2 Calibration points' in red text and an 'ADD' button. A dark grey bar contains 'Point 1.' with a downward arrow and 'Point 2.' with an upward arrow. Below this, there are input fields for 'PHOTO' (320.9812) and 'MAP COORDINATES' (N 59°27.981' and E 18°42.421'). Each input field has a pencil icon for editing. At the bottom, there are two buttons: 'CLEAR' and 'CREATE'.

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

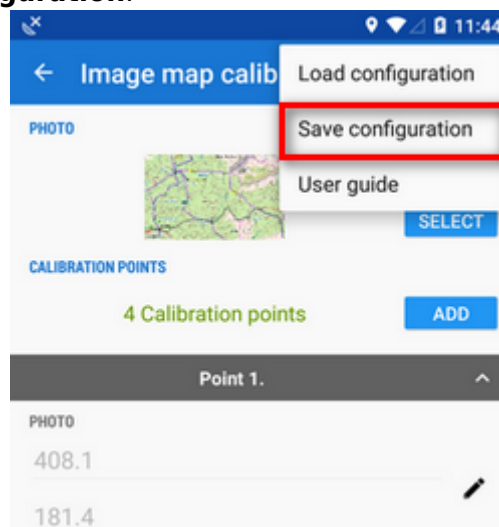


If you have chosen a big image it is highly recommended to check **Optimize map** to divide the map image into many small maps (tiles) bundled into one file.

Save the calibration configuration for later use

If you have **more map images of the same size and scale** to calibrate you can use one configuration for calibrating them all:

1. calibrate the first image
2. **save the calibration configuration:**



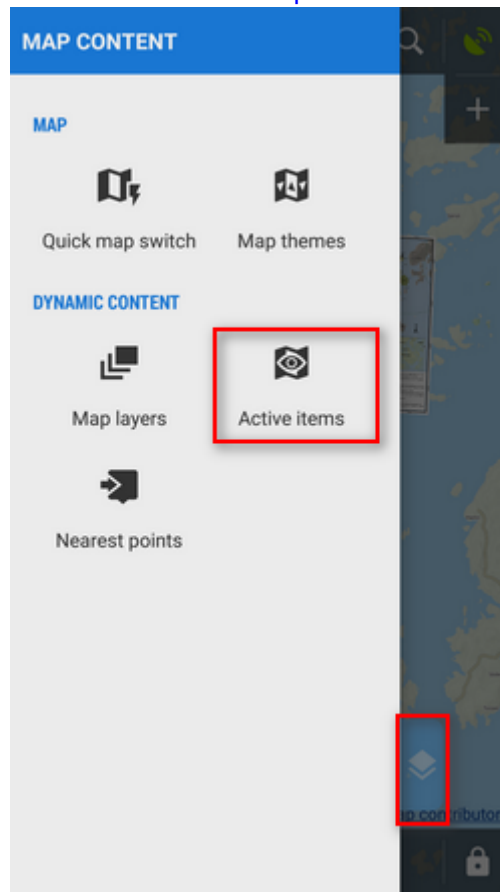
3. open the next image
4. calibrate
5. repeat ad hoc.

4. Use the calibrated map

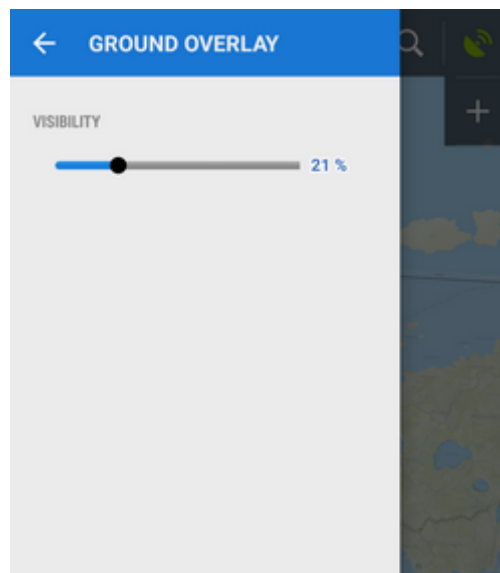
Your calibrated map appears now as an **overlay**



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

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