



3Dsurvey

Mapping and Aerial Image Processing Software

3Dsurvey Pilot – Step by step instruction to plan your mission using DJI Drones

What you will need:

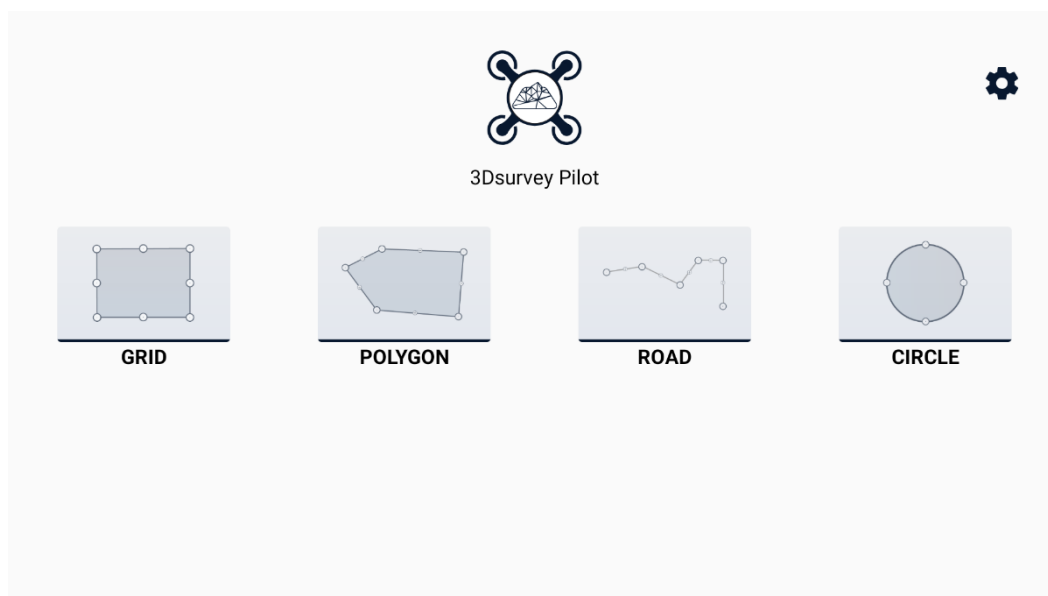
- DJI Go App (iOS / Android) – required to set your camera parameter
- 3Dsurvey Pilot App (iOS / Android) – required to plan your mission

This article details how to plan and more generally prepare a mission in the 3Dsurvey Pilot app. It is recommended to perform these steps before going to the field and fly.

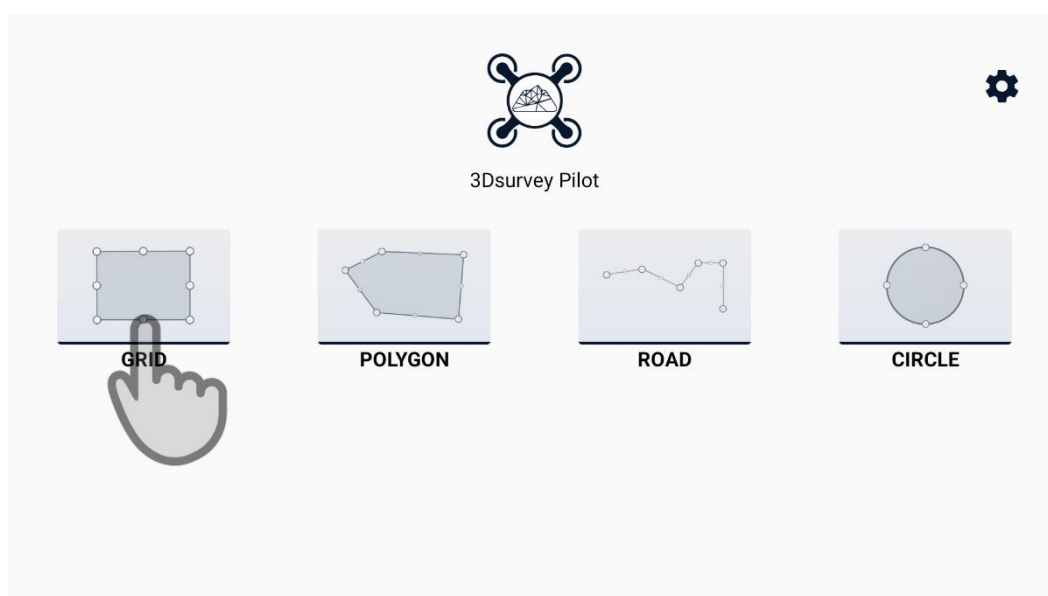
1. Turn on the Internet connection.
2. Make sure you have the correct camera settings. You can set this in DJI Go App. Image ratio should be 3:2.



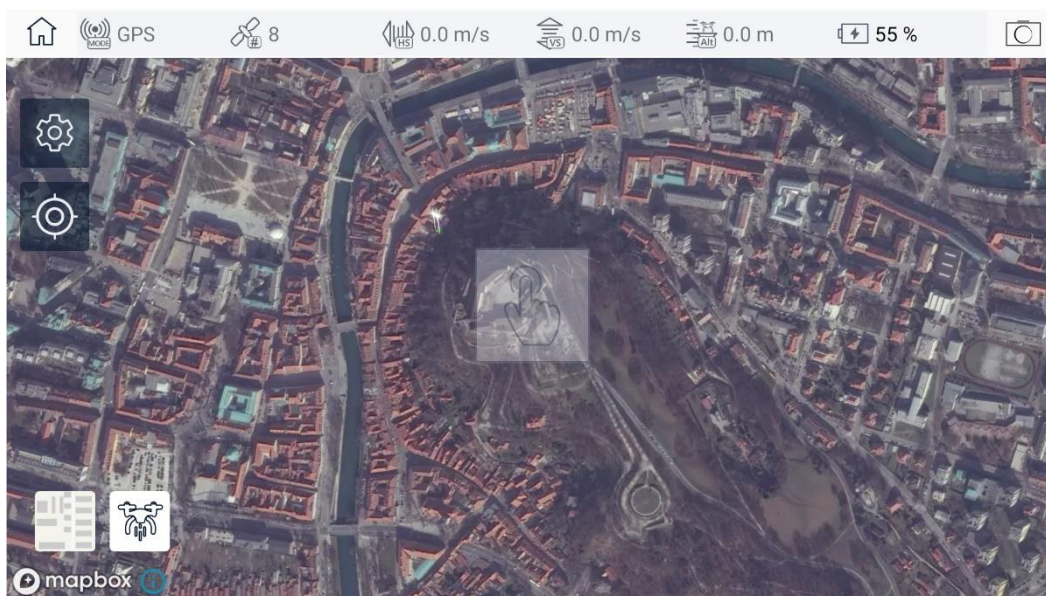
3. Open 3Dsurvey Pilot app on iOS or Android tablet or phone.



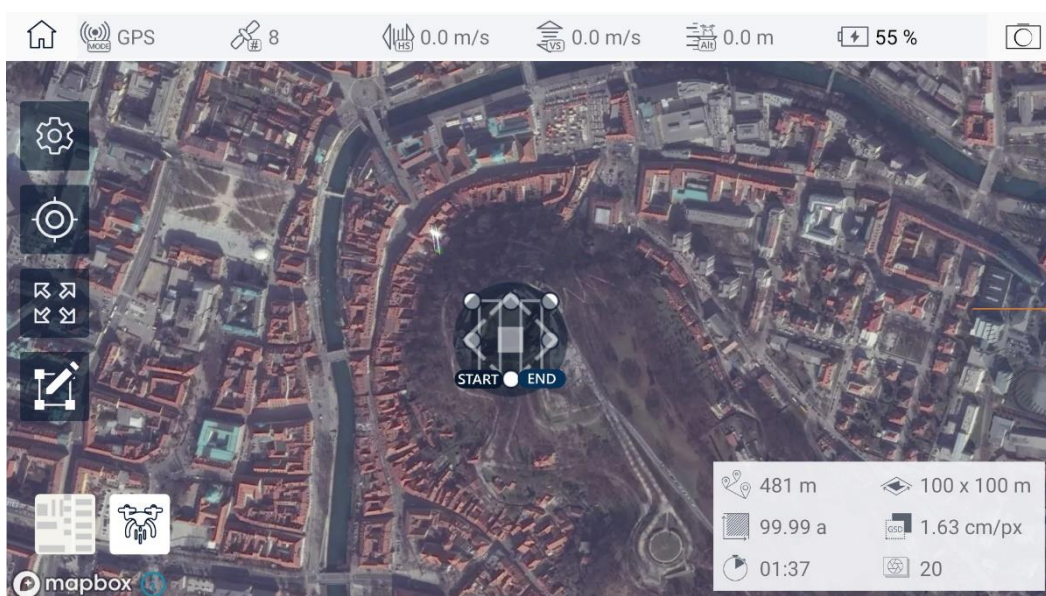
4. Select your mission.



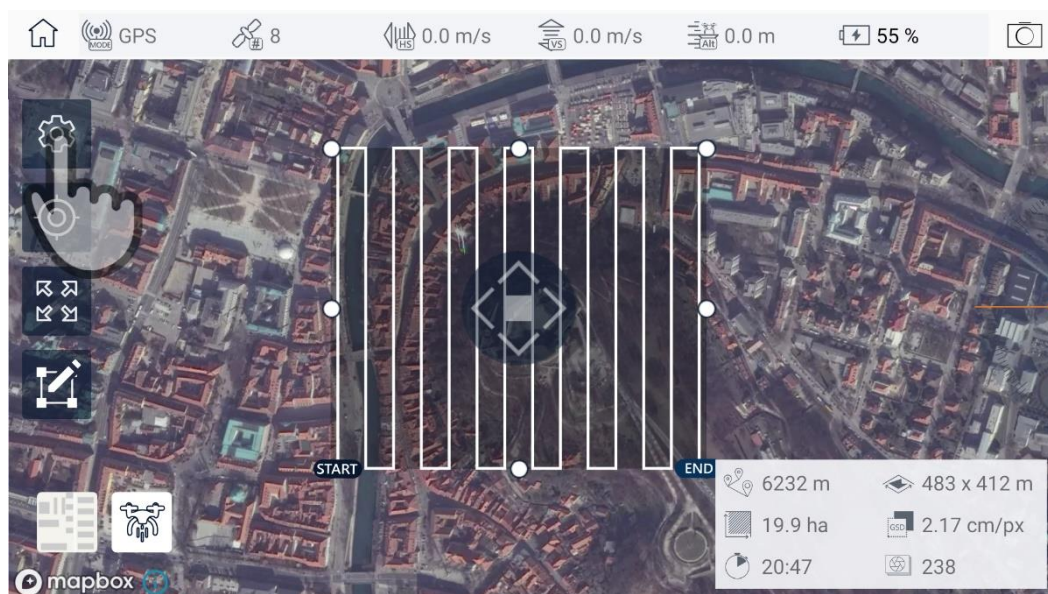
5. Pan, zoom to desired area. Tap on map to create a default mission.



6. Drag the corners of your mission to desired area.



7. Click on settings and set mapping parameters.

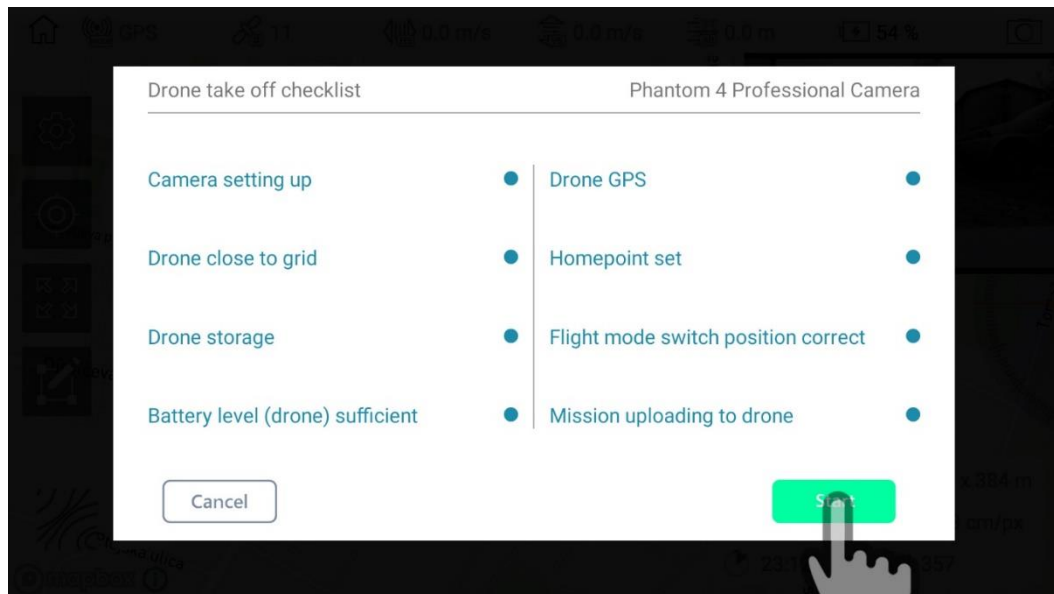




8. Click drone icon and go to drone take off checklist.



9. Click start for take off.



Visit 3Dsurvey [youtube channel](#) and watch our tutorials!

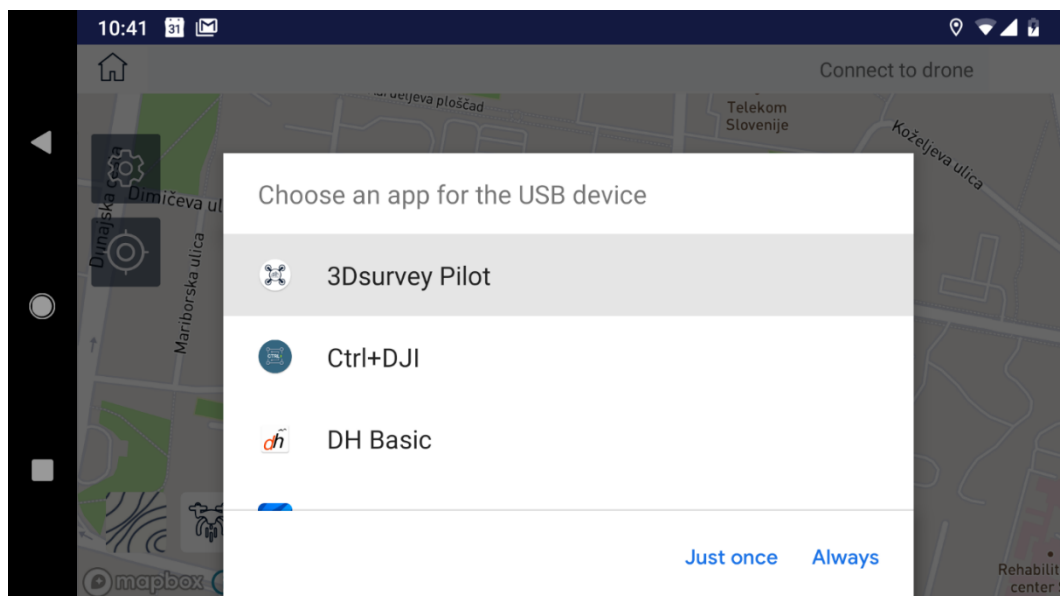
- [How to set Mission GRID](#)
- [How to set Mission POLYGON](#)
- [How to set Mission ROAD](#)
- [How to set Mission CIRCLE](#)

Trouble shootings

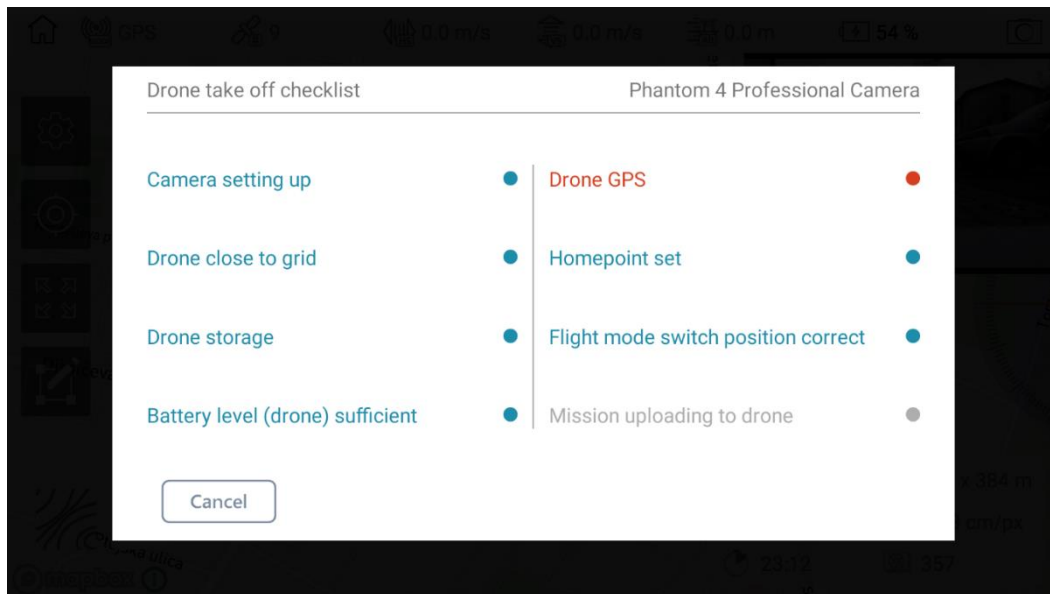
- I. Phone or tablet is not connected to drone - Disconnect USB cable and connect again.



Choose 3Dsurvey Pilot and click Just once.



- II. Drone GPS error in take off checklist – Drone GPS antenna receives less than 10 GPS satellites. For sufficient number of satellites, move drone to open area or wait a couple of minutes.



- III. Drone close to grid error – If the missions start/end point is further than 200m or end/start point is further than 1000m, move your drone closer to selected area or reduce the mission.

