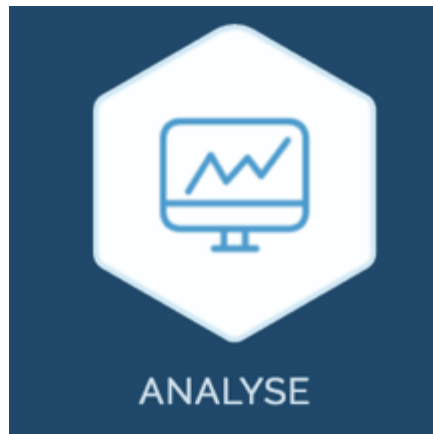
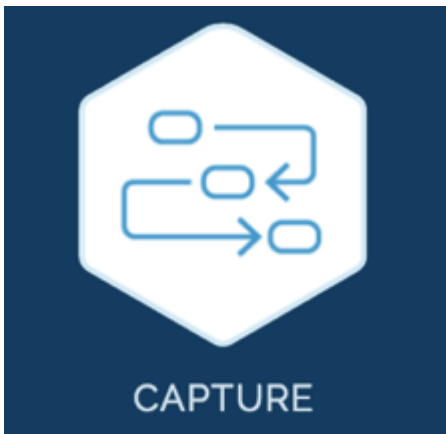


# DRONESAR

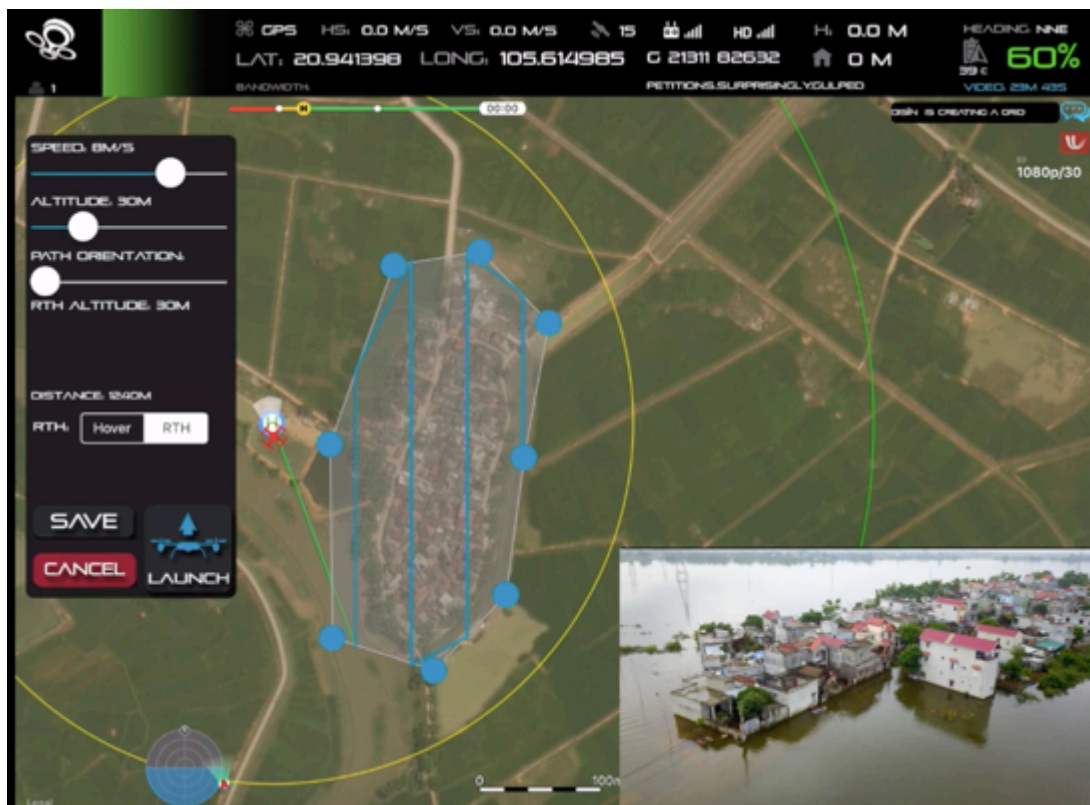
SEARCH AND RESCUE



## Quick Start Guide

## Set up & Pre-Flight

1	<b>Disclaimer</b> - Ensure you have read and understood Section 1 of the DroneSAR Pilots Notes
2	<b>IPAD Version</b> – iPad Air (Post 2014) or iPad Mini
3	<b>Connectivity</b> – Ensure you are connected to a wifi network or good mobile network
4	<b>Supported Aircraft</b> – DJI Phantom 3, DJI Inspire 1 (V1 & V2), DJI Phantom 4 Standard, DJI Phantom 4 Pro, DJI Mavic Pro, DJI Mavic Air, DJI M200/210, DJI M600, DJI Matrice.
5	<b>Download</b> – Using your iPad, download DroneSAR from the App Store.
6	<b>Register</b> – Register an account as prompted. This user name and password will be required if logging into the DroneSAR browser.
7	<b>Connect</b> – Connect a compatible DJI drone
8	<b>Main Menu:</b> <ol style="list-style-type: none"> <li><b>Plan Mission</b> – Choose from our automatic flight functions</li> <li><b>Free Fly</b> – Fly the drone using the transmitter</li> <li><b>Saved Missions</b> – Choose from your list of pre-saved missions</li> <li><b>Settings</b> – Change default flight settings and Enter team member details</li> </ol>
9	<b>Zoom</b> – Allow the map to zoom in on the drones current location. The map will not zoom if a drone is not connected OR the drone does not have sufficient satellite numbers.
10	<b>Status</b> – Press the coloured status bar to show the drone systems prior to mission selection.
11	<b>Mission</b> – Choose the required mission <ol style="list-style-type: none"> <li>Custom Grid – move the grid dots to cover the intended search area.</li> <li>Waypoint Mission – choose a linear mission for terrain line features.</li> <li>Lat/Long – Enter lat/long in decimal or degrees/minutes/seconds.</li> </ol>
12	<b>Load</b> – The mission will be uploaded and a pre-take of warning message will be displayed.



## In-Flight

13	<b>Pause Mission</b> – This will end the current mission. The drone will hover and await further instruction. This might be to Free Fly or to Replan.
14	<b>Replan</b> – This function allows the drone pilot to replan another mission in flight. Use the normal mission selection or choose from the Drop Pins that are on the map. This button will appear when pause mission has been pressed.
15	<b>Speed Slider</b> – Choose the speed of the drone as it flies. Reduce the speed to zero (along the dashed red line) or even into reverse. In reverse, the drone will still fly the selected pattern.
16	<b>Drop Pin</b> – While in flight drop a point of interest. This can be later flown to as a mission or as a ‘replan’ mission while the drone flies. The Drop Pins are also sent to the DroneSAR browser with camera image.
17	<b>Hover</b> – The drone will hover in the position selected.
18	<b>Declutter</b> – This button will only work when in video mode. It will clear the screen of any unnecessary information.
19	<b>Cam Up:</b> This will bring the camera into the FPV position to ensure there are no obstacles in front. Pressing the button again will bring the camera to the previous position.
20	<b>Pilot Chat</b> – Chat with those who are watching from the DroneSAR browser
21	<b>Share location</b> – This function allows pilots to share the drone position and camera image with pre entered team members.
22	<b>Stream</b> – Stream the live video to the DroneSAR browser.
23	<b>Field of View</b> – See the field of view which is related to the live camera view

