DRONESAR
SEARCH AND RESCUE

App Feature List

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Set up & Pre-Flight

Plan Mission	Enter and choose from our range of automatic flight functions
Free Fly	Fly the drone using the transmitter only
Settings	Change default flight settings such as altitude, speed and RTH. Enter team member details and arrange them into teams/groups. Choose the type of display you prefer on the pilot interface (metric, Imperial, Decimal or Degrees/minutes/seconds)
Custom Grid	Move the grid dots to cover the intended search area. Choose drone speed, altitude and grid orientation
Waypoint Mission	Choose a linear mission for terrain line features. Choose drone speed and altitude
Single Point 1	Enter lat/long in decimal or degrees/minutes/seconds. Choose drone speed and altitude
Single Point 2	Enter a What3Words position by typing or using voice recognition. Choose drone speed and altitude
RTH Mode	Choose whether you would like the drone to Return to the home point or to remain in the hover on activation of the RTH function.
Save Mission	Once the mission has been chosen, save the mission for areas that are regularly flown.
Drone Status	Press the coloured status bar to show the drone systems prior to mission selection

In-flight

Return to Home	Activate the RTH function and allow the drone to return home at a preset altitude
Pause Mission	This will end the current mission. The drone will hover and await further instruction.
Drop Pin	Drop a pin on the map to mark 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.
Hover	The drone wll maintain position. Deslect Hover mode to continue with the misson at the pre-selected speed.
Declutter	This button will only work when in video mode. It will clear the screen of any unnecessary information.
Replan	This function allows the drone pilot to replan another mission while in flight. Use the normal mission selection or choose from the Drop Pins that are on the map. This button will appear when pause misson has been pressed.
Speed Slider	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.
Share location	This function allows pilots to share the drone position and camera image with pre entered team members.
Stream	Stream the live video to the DroneSAR browser.
Field of View	See the field of view which is related to the live camera view
Cam Up/Down	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.
Pilot Chat	Text chat with those with the pilots from the DroneSAR browser. Pilots can use the quick reply system and reply with pre-entered text replies to minimise distraction during periods of high workload.
2-way Audio	Activate the audio channel to speak with the drone pilots from the DroneSAR browser.
Camera Settings	All the camera functions are as per the DJI Go / DJI Go 4 app.
Switch Map View & Video View	Toggle between having the majority of the screen being the drone map or the drone live video
Stick Man	When in video mode and with the camera pointing directly down. The DroneSAR stick man will appear to show pilots what size a 6ft person would look like at the flown altitude.
Camera/Video mode	Switch between recording video or capturing images
View Images	As the drone flies, view any of the image that were taken during the flight.
Weather	See the forecast conditions for the coming three days

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