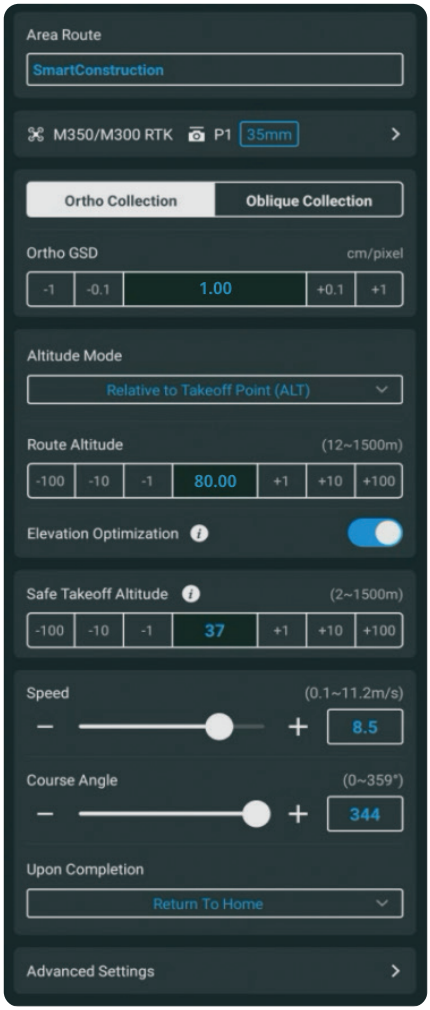
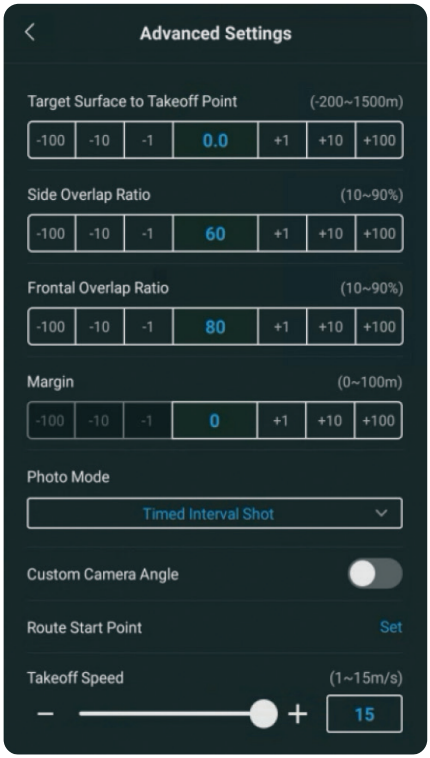
DJI M350 or M300 with RTK module

Optimal flight settings





Special attention

Area Route Name: When naming the area route, use only letters, numbers, underscores, and dashes to prevent file corruption.

Drone Selection: We support the use of M350 and M300 drones equipped with the P1 lens. For optimal results, we recommend setting the lens to 35 mm.

Route Altitude: Setting the Ortho GSD to 1 cm will adjust the route altitude to 80 meters. If the site contains tall objects, measure their height using the drone and add an additional 10 meters for safety.

Elevation Optimization: Enabling this option is essential, so please ensure it is not overlooked.

Speed: While flying at maximum speed is theoretically acceptable, we recommend slightly reducing the speed to maintain high image accuracy during turns.

KOMATSU
Smart Construction

Smart Construction
Edge

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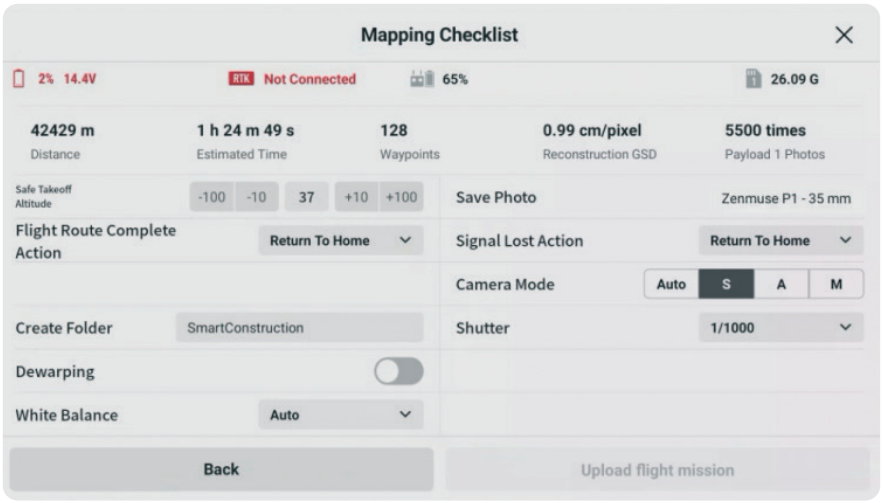

Special attention

Shutter: Because the job site is active (e.g., equipment is moving), set the shutter speed to 1/1000 to prevent motion blur. This will improve the quality of your ortho images and, consequently, the accuracy of the point clouds.

Dewarping: Ensure dewarping is turned off.