

RYOBI GEOTECHNIQUE INTERNATIONAL PTE LTD

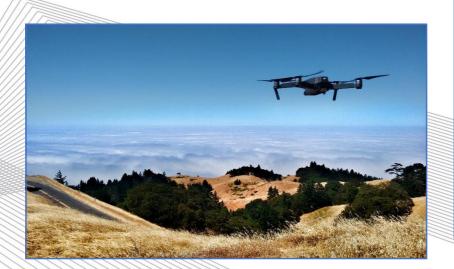
Co. Reg. No. (200500891W)

Drone Photogrammetry

Drone photogrammetry consists of taking aerial photographs to give a representative picture of a site, or an object. It has brought a significant impact on data acquisition world and it is changing the way we document, study, and respond to conditions in both natural and manmade environment.

It complements the conventional method of data acquisition very well, making the process faster and more effective. Drone photogrammetry makes it possible to model an area in 3D, create plans, make measurements (lengths, areas, volumes) and therefore ensures precision when mapping.

With Ryobi-G team's expertise in sensor and georeferencing coupled with our high-performance tools, we guarantee the delivery of the best solutions for your need.





Why Us?



EFFICIENT

Cover large areas at faster rate, saving a lot of time and cost



SAFE

We perform high risk task for you in safer manner



LICENSED PILOT

Our drone operations are in compliance with the law and handled by our pilot that hold UA Pilot Licence (UAPL)





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How Does Drone Photogrammetry Works?









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Drone captures a large number of high-resolution photos in an area

Images with the same features are then overlapped to be combined The images are processed using photogrammetry software during post- processing

Photorealistic 3D representations of topographic surfaces are generated



2D orthomosaic map view captured by our drone

What Can The Service Be Used For?



Surveying

Boost the efficiency of surveys by spending less cost & time in the field



Agriculture

Help to inspect, understand & make better decision of field



Constructions

Efficiently survey, track & regularly update construction work progress



Inspection

Using drones for inspection is safer, faster & provide more reliable results.