



EMESENT HOVERMAP

Hovermap incorporates the latest in LiDAR sensing technology to offer high density point clouds with exceptional coverage. Featuring a sensing range of up to 300 metres and more than a million points per second, Hovermap captures detailed, accurate data over a large area fast – accelerating time to insight.

The Hovermap is designed with tough, lightweight weather sealed design to capture harsh areas and the Wildcat SLAM solutions and Emesent autonomy algorithms ensure drone safety in even the most hazardous, GPS-denied environments.

Emesent Aura offers integrated processing and visualisation software, while its Automated Ground Control feature increases accuracy of Hovermap point clouds to enhance mapping capabilities.



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Advantages:

- Fast results and increased efficiency due to a sensing range of up to 300 metres and triple returns capable of more than one million points per second.
- Survey-grade accuracy via award-winning Wildcat SLAM Control Points and high-resolution LiDAR sensor providing a cleaner point cloud with sub-centimetre precision.
- Unique versatility through plug and play design and quick-release mechanism allowing Hovermap to be used as a drone, handheld, vehicle or pole/mounted scanner.
- Captures shadowless, detailed, high quality point clouds of an entire complex asset with high density data sets, revealing richer features and an added level of colourisation.