

Higher Accuracy and Lower Costs- see what our new UAV can do for you.



iO Geomatics
SMART SURVEYING AND MAPPING SERVICES



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iO Geomatics has recently purchased a **Trimble UX5 HP UAV**. Our new UAV is ideal for surveying small and large areas and is one of the most technologically advanced fixed wing units available on the market. Combined with the latest UAV aerial mapping software our unique workflow provides the following advantages to our clients:

- **Greater accuracy-** On-board survey grade GPS/GNSS receiver provides greater accuracy and lessens the need for ground control especially in sensitive areas. For certain projects no ground control is needed as our onboard GPS/GNSS receiver is accurate to +/- 50 mm RMSE.
- **High resolution-** 1cm to 4cm photo pixel resolution provided by 36 mega pixel camera. This high resolution camera is perfect for picking up ground features that other UAVs will miss.

- **Weather resistant-** Powerful motor and robust construction means we can fly in head winds up to 34 mph resulting in less project delays especially in Irish weather.
- **Mapping of large areas-** Endurance and range makes our UAV ideal for mapping corridor projects and areas ranging from **5 to 5000 Hectares**.
- **Experience and capability-** Full IAA licensing for UAV and RPAS pilots.



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