PRODUCT OVERVIEW

COLOUR AERIAL IMAGERY (ORTHOMOSAICS)



Outline captures colour aerial images (RGB) with industry leading true colour depth and sharpness. These images can be used for many applications including mapping, inputting the images into a Geographic Information System (GIS), reporting and general visualisation of an area.

Outline aerial surveys range from small scale, high-resolution precision surveys of a few square kilometres, to large scale surveys covering thousands of square kilometres. Our captures deliver imagery products with a high spatial accuracy that are used for applications like mine and urban planning, mapping, environment change monitoring, stockpile calculations and erosion monitoring.

Our GTech™ camera systems have a wide range of capabilities and are readily transportable allowing us to tailor solutions to meet the specific needs of our customers – wherever, whenever.

Not only are the images visually appealing, but the accuracy of each pixel is very high. For an image captured at 5cm resolution, each pixel is accurate to within 10cm of its real-world coordinate. This means that precise measurements can be made from the images, supporting highly accurate mapping and ensuring that images from repeat surveys will overlay one another seamlessly.

Powered by GTech 1500 and GTech 2800 technology

KEY FEATURES

Image Quality

Industry-leading resolution, colour, clarity, and positional accuracy

Cost-Effective

Equivalent or enhanced resolution and accuracy at a more affordable cost compared with other technologies

Bespoke Captures

Our captures can be tailored to meet specific timing and capture conditions based on the end-use of the imagery

GIS Ready

Final images are ready for direct download into GIS systems or viewed directly in Outline's secure GMap™ web portal

SPECIFICATIONS

Capture areas	2 - 50,000km²
Image resolution	2-35cm
Horizontal accuracy	From 2 pixels RMSE
Vertical accuracy	From 2 pixels RMSE
Quick response	Immediate capture for time-sensitive data
Turnaround time	Quick capture, less than 2 weeks for processing
Customisation	Custom timing and remote captures

INDUSTRIES

Urban · Forestry · Environmental · Mining · Infrastructure · Survey · Asset Management

The combination of flexible GTech™ Imagery and LiDAR capture platforms, quality data, advanced AI and easy to use cloud delivery platforms makes the choice simple, speak with Outline today!

