PRODUCT OVERVIEW

DIGITAL MULTISPECTRAL AERIAL IMAGERY



Digital Multispectral Imagery (DMSI) is recorded using industry-leading GTech™ camera systems to capture Near Infra-Red (NIR) light bands simultaneously with Red Green Blue (RGB) images. This combination creates a high-resolution 4-band image providing customers with insights that go well beyond what the naked eye can determine by sight alone.

Outline's NIR imagery is typically used to monitor vegetation changes in areas impacted by mining activity, land development, fire damage or flooding. It can be used to calculate vegetation indices such as Normalised Difference Vegetation Index (NDVI) and to monitor vegetation density, growth, and plant health. Annual aerial surveys of this type provide customers with repeatable, accurate information to detect, record and report environmental changes over time.

Powered by GTech 1500 and GTech 2800 technology

KEY FEATURES

Image Quality

Industry-leading vegetation health analysis with superior resolution and accuracy

Cost-effective

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

Co-registered

NIR band fully co-registered with underlying colour 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
Features	True colour RGB and Near-Infrared (4 band)
Turnaround time	Quick capture, less than 2 weeks for processing
Customisation	Custom and remote captures available

INDUSTRIES

Mining | Environmental | Forestry | Biosecurity | Urban

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!



Outline IMAGERY AI

ASIA-PACIFIC SPATIAL EXCELLENCE AWARDS 2020 WINNER

1300 945 216 hello@outlineglobal.com.au www.outlineglobal.com.au