

DATA SHEET

Product: **Aerial Photography**

Region: **Republic of Ireland**



Bluesky is a market leader in the capture, production, exploitation, and delivery of geospatial datasets and services that have rapidly become critical tools in tackling the challenges of the modern world. Operating globally, Bluesky has offices in the UK, US, Ireland and India.

As a recognised specialist in the acquisition and processing of aerial photography and LiDAR, Bluesky uses the latest technology and an experienced technical team to produce innovative off-the-shelf and tailored products to meet the needs of organisations in a range of market sectors.

Bluesky's terrain datasets and 3D models support the acceleration and adoption of 3D applications and technologies in an age of smart cities, digital twins and virtual/augmented reality.

Key Features

- 3 year rolling flying programme ensures data is current
- Programme covers whole of the Republic of Ireland (RoI)
- Aerial photography captured at 25cm as a standard with large areas of 12.5cm
- We use the latest airborne camera technology for quality, accuracy and consistency
- We use true ortho processing so you have images with no distortion (e.g. building lean)
- All of RoI available now via fast download with flexible licensing terms

Applications & Industries

- Town Planning & Enforcement
- Property & Facilities Management
- Land Use Classification & Analysis
- Environmental Monitoring
- 3D Visualisation
- Cartography
- Feature extraction, Machine learning, AI applications

Specification		
Resolution	12.5cm Imagery	25cm Imagery
Coverage	Extensive areas across Republic of Ireland	Republic of Ireland
Accuracy XY	± 30cm rmse	± 60cm rmse
Formats	Include: JPG, TIFF, ECW, SID, KMZ	Include: JPG, TIFF, ECW, SID, KMZ
Bands	RGB / RGBI	RGB / RGBI
Standard Projection	Irish Transverse Mercator (ITM95)	Irish Transverse Mercator (ITM95)
Tile Size	2km x 2km (16,000 x 16,000 pixels)	2km x 2km (8,000 x 8,000 pixels)
Metadata	OGC compliant XML	OGC compliant XML

