

DATA SHEET

Product: **Aerial Photography**

Region: **Great Britain**



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

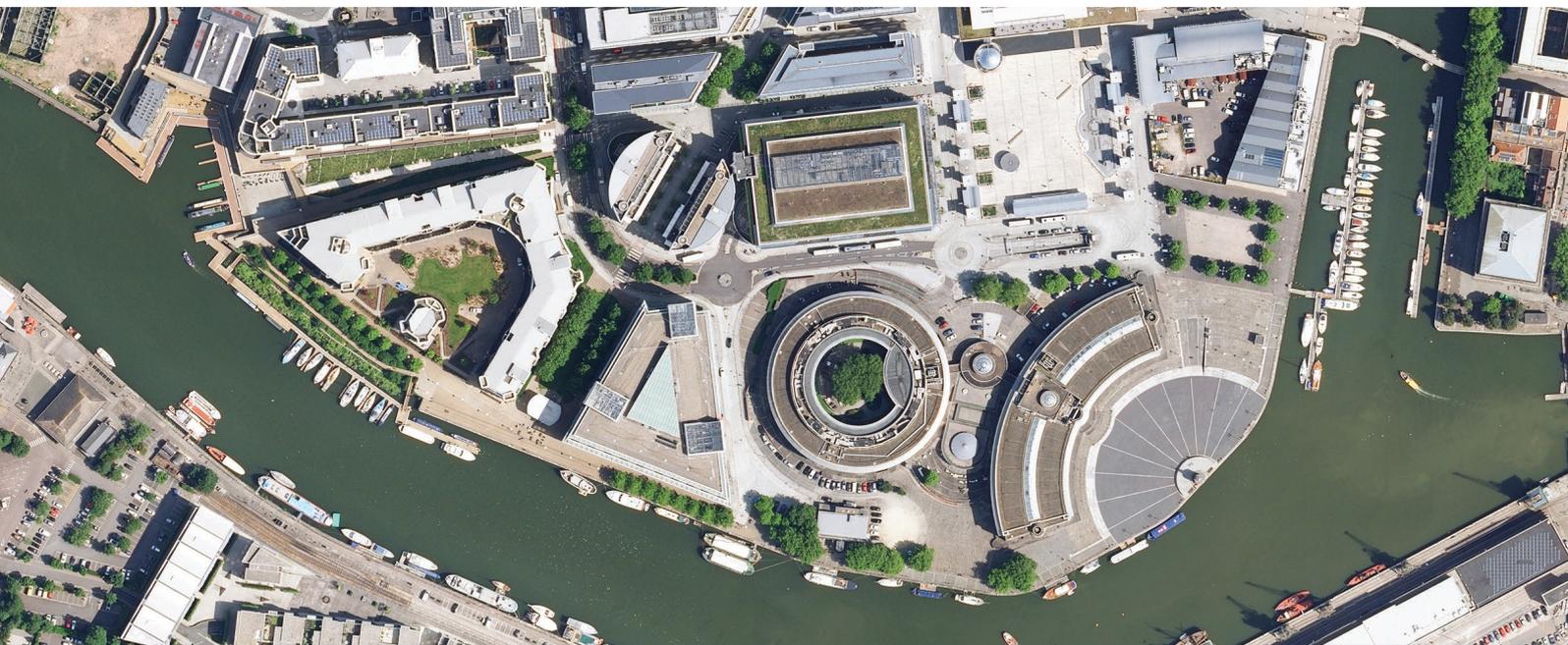
- 2 year rolling flying programme ensures data is current
- Programme covers whole of Great Britain (GB)
- Aerial photography captured at 12.5cm as a minimum, with urban areas captured at 5cm
- We use the latest airborne camera technology for quality, accuracy and consistency
- We use true ortho processing so you have clear images with no distortion (eg building lean)
- All of GB available now via fast download with flex 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	5cm Imagery	12.5cm Imagery
Coverage	England, Wales and Scotland*	England, Wales and Scotland
Accuracy XY	± 10cm rmse	± 30cm rmse
Formats	Include: JPG, TIFF, ECW, SID, KMZ	Include: JPG, TIFF, ECW, SID, KMZ
Bands	RGB / RGBI	RGB / RGBI
Standard Projection	British National Grid	British National Grid
Tile Size	1km x 1km (20,000 x 20,000 pixels)	1km x 1km (8,000 x 8,000 pixels)
Metadata	Gemini 2.3	Gemini 2.3

*We have a wide collection of urban areas captured in 5cm across England, Wales, and Scotland. For more information on specific areas and details, please get in touch.



At the time of publication all of the specifications were correct but are subject to change.

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