



Standard Imagery



QuickBird



WorldView-1

DigitalGlobe delivers geospatial content the way you want it, when you want it. We provide clearer, more accurate visual perspectives for location based applications and decisions.



Our Content

Over 360 million square kilometers of imagery available in many formats and delivery methods, collected from the world's highest resolution, most accurate commercial satellites. Available in panchromatic, multispectral and color infrared.

DigitalGlobe's Standard Imagery products are designed for users with knowledge of remote sensing applications and image processing tools that require data of modest absolute geometric accuracy and/or large area coverage.

FEATURES

- Georeferenced to a cartographic projection
 - Industry standard projections and datums
 - 6.5 m (21 ft) CE 90% - WorldView-1
 - 23 m (75 ft) CE 90% - QuickBird
- Highest resolution available from a commercial satellite
 - 50 cm (1.6 ft) panchromatic – WorldView-1
 - 60 cm (2 ft) or 70 cm (2.3 ft) panchromatic, natural color, color infrared, or 4-band pan sharpened – QuickBird
 - 2.4 m (8 ft) or 2.8 m (9.2 ft) multispectral – QuickBird
- Largest image swath collection size
 - 17.6 km (10.9 mi) width at nadir – WorldView-1
 - 16.5 km (10.3 mi) width at nadir – QuickBird
- Smallest minimum order size in the industry
 - 25 km² (9.6 mi²) – archive
 - 64 km² (24.7 mi²) – new collects
- Superior image classification and analysis
 - 11-bit digitization (up to 2,048 levels of gray scale)
 - Discrete non-overlapping spectral bands
- Open systems
 - Partnered with commercial software providers
 - Popular image file formats

BENEFITS

- Locate features in map coordinate space
- Identify features, classify image data, and detect changes from recent global imagery at the highest resolution available from commercial imaging satellites
- Map large areas faster with fewer files to manage and process
- Purchase only the geographic coverage you need for your project
- Improve feature classification and identification in dark or bright areas such as building shadows or snow and experience more flexible image enhancement
- Get your project up and running quickly and easily based on standard map projections and formats





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SPECIFICATIONS

SPATIAL AND SPECTRAL RESOLUTION

Product Type	Pixel Resolution	Panchromatic	Multispectral			
		Black & White	Blue	Green	Red	Near IR
		QB: 450 to 900 nm WV1: 400 to 900 nm	450 to 520 nm	520 to 600 nm	630 to 690 nm	760 to 900 nm
Panchromatic	50 cm (1.6 ft) or 60 cm (2 ft) or 70 cm (2.3 ft)	✓				
Multispectral ^A	2.4 m (8 ft) or 2.8 m (9.2 ft)		✓	✓	✓	✓
Natural Color	60 cm (2 ft) or 70 cm (2.3 ft)	✓	✓	✓	✓	
Color Infrared	60 cm (2 ft) or 70 cm (2.3 ft)	✓		✓	✓	✓
4-band Pan Sharpened	60 cm (2 ft) or 70 cm (2.3 ft)	✓	✓	✓	✓	✓

IMAGE ACCURACY

Positional Accuracy ^B	CE 90%	RMSE
	QB: 23 m (75 ft) WV1: 6.5 m (21 ft)	QuickBird: 14 m (46 ft)

PROCESSING

Applied Corrections	<ul style="list-style-type: none"> Radiometric, sensor, and geometric corrections Mapped to a cartographic projection
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ORDER PARAMETERS

Product Type	Panchromatic, Multispectral, or Bundle; Natural Color; Color Infrared; 4-band Pan Sharpened
Image Bits / Pixel	8 or 16 bits
File Formats	GeoTIFF 1.0, NITF 2.1, NITF 2.0

^AAll four bands delivered in a single file ^BAt nadir, exclusive of terrain distortions

DELIVERABLES

Standard Imagery can be acquired directly from the DigitalGlobe archive or you can submit a new collection request. Standard Imagery is ordered by area, with a minimum purchase of 25 km² (~10 mi²) for archive orders or 64 km² (~25 mi²) for new tasking, up to a maximum of 10,000 km² per order. If your order crosses more than one strip, one standard imagery product per scene is delivered.

Products are delivered on your choice of standard digital media with Image Support Data files including image metadata.

DELIVERY METHODS



MEDIA DELIVERY: CD, DVD



WEB-BASED DELIVERY: FTP

