

Advanced Ortho Series

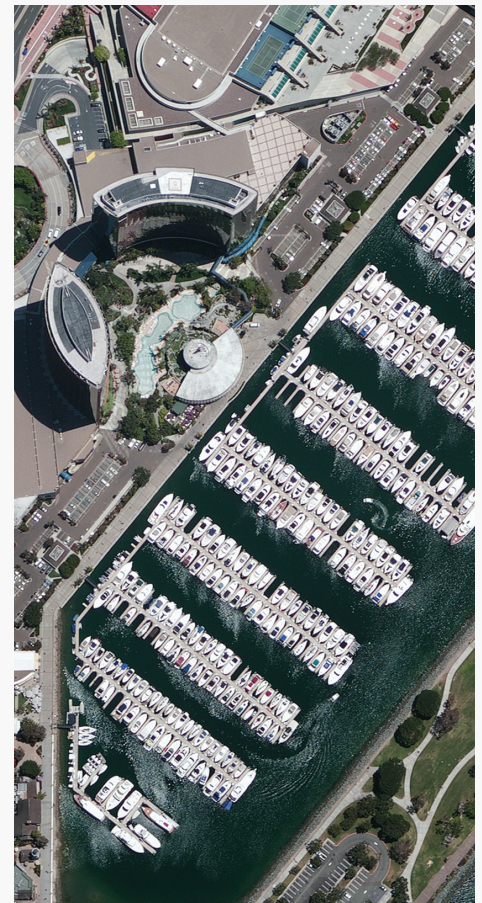
The DigitalGlobe Advanced Ortho Series provides unparalleled coverage, speed, accuracy, and aesthetics—resulting in the best quality orthos quickly and easily. Additional image processing or manipulation is unnecessary and the product can be directly integrated into your workflow. Offered via two product lines differentiated by aesthetics, and three options for accuracy within each line: Ortho Vision—for users who need quality images for analysis and identification. Ortho Vision Premium—for users who need the best visual appeal available, highly processed for superior aesthetics.

Features

- » Higher resolution for the finest detail available
- » Industry-leading accuracy allows precise measurements and uniformity, as well as consistency with other data sets
- » Replicable and automated processing ensures each product has proper attributes and complete image metadata
- » World-class processing capabilities active 24/7/365
- » The DigitalGlobe satellite constellation is capable of collecting more than 3 million sq km per day, capturing over eight times the Earth's landmass each year

Benefits

- » Superior coverage is provided by maintaining the largest high-resolution imagery archive in the world, continually supplying relevant imagery, information, and insight
- » Higher throughput and faster turnaround time for mass deliveries of Ortho products in as little as two days
- » Premium aesthetics with little or no cloud cover, haze, or snow; geometric breaks minimized, seasonally consistent, radiometrically and tonally balanced, enhanced color contrast, clarity and sharpness, seamless feathered cutlines
- » Can be acquired directly from the ImageLibrary or via a new collection request



San Diego, California, U.S.A.

Specifications

Parameters	Vision	Vision Premium
Product options	Panchromatic, Natural Color, 4-band (Pan-sharpened, Multispectral or Bundle), 8-band (Multispectral or Bundle) and Color IR <i>Precision Aerial available in Natural Color or Color IR only</i>	
Resolution	30 cm, 40 cm, 50 cm, 60 cm	30 cm, 40 cm, 50 cm, 60 cm
Bit depth	8 bit	
Customer framing	Area-based	
Resampling kernel	Enhanced (natural color) or MTF (panchromatic)	
File format	GeoTIFF 1.0, NITF 2.1, NITF 2.0	
Mosaic	Yes, if applicable	
Dynamic range adjustment	On	
Color balancing	Optional for mosaics	Required for mosaics
Projections & datums	Any supported projections and datums	
Tiling	8k x 8k (default) other options available	
Delivery time	2 - 3 days*	3 - 5 days* (many areas available off-the-shelf)

Aesthetics specifications	Vision	Vision Premium
Cloud cover	Up to 20 percent for the AOI	Less than 10 percent
Haze, pollution & fog	Allowable	Minimized**
Snow	Allowed	Only persistent allowed
Tonal balancing	Optional: If requested, optimal results may not be achieved	Required: Input imagery is seasonally consistent
Geometric breaks	Allowable up to one half the product CE90	Minimized
Cutline placement	Automated, visible radiometric breaks are allowable	Seamless

Deliverables

Advanced Ortho products are ordered by area, with a minimum purchase of 100 sq km and a maximum of 10,000 sq km per order.

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

Delivery methods



Media delivery: DVD



Media delivery: external HD



Web-based delivery: FTP



Cloud Services