



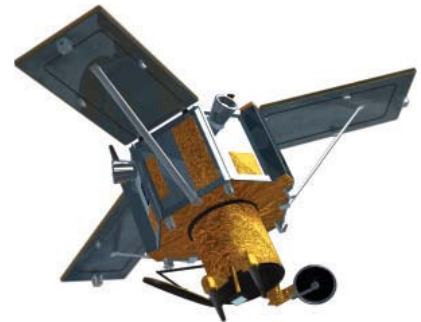
IKONOS

Setting the Standard for High Resolution Commercial Satellite Imagery

The IKONOS satellite is the world's first commercial satellite to collect black-and-white (panchromatic) images with 1-meter resolution, and multispectral imagery with 4-meter resolution. Imagery from the panchromatic and multispectral sensors can be merged to create 1-meter color imagery (pan-sharpened). To date, IKONOS has collected more than 250 million square kilometers of imagery over every continent. IKONOS imagery is being used for national security, military mapping, air and marine transportation, and by regional and local governments. From a 423 mile high orbit, IKONOS has a revisit time of once every three days, and downlinks directly to more than a dozen ground stations around the globe.

IKONOS SPECIFICATIONS

Imaging Mode	Panchromatic	Multispectral
Spatial Resolution	.82 meter	3.2 meters
Spectral Range	526-929 nm	445-516 nm (blue) 506-595 nm (green) 632-698 nm (red) 757-853 nm (near IR)
Swath Width	11.3 km	
Off-Nadir Imaging	Up to 60 degrees	
Dynamic Range	11 bits per pixel	
Mission Life	Expected > 8.3 years	
Revisit Time	Approximately 3 days	
Orbital Altitude	681 km	
Nodal Crossing	10:30 am	



GEOEYE-1

Building on a Tradition of Innovation

GeoEye will continue its tradition of mapping, monitoring, and measuring the Earth's surface with the launch of GeoEye-1, its next-generation satellite with the highest resolution and most advanced collection capabilities of any commercial imaging satellite. GeoEye-1 will offer unprecedented spatial resolution by simultaneously acquiring 0.41-meter panchromatic and 1.65-meter multispectral imagery. The satellite will be able to collect up to 700,000 square kilometers of panchromatic (and up to 350,000 square kilometers of pan-sharpened multispectral) imagery per day. The detail and geospatial accuracy of GeoEye-1 imagery will further expand the applications for satellite imagery in every commercial and government market sector.

GEOEYE-1 SPECIFICATIONS

Imaging Mode	Panchromatic	Multispectral
Spatial Resolution	.41 meter	1.65 meters
Spectral Range	450-900 nm	450-520 nm (blue) 520-600 nm (green) 625-695 nm (red) 760-900 nm (near IR)
Swath Width	15.2 km	
Off-Nadir Imaging	Up to 60 degrees	
Dynamic Range	11 bits per pixel	
Mission Life	Expected > 10 years	
Revisit Time	Less than 3 days	
Orbital Altitude	684 km	
Nodal Crossing	10:30 am	



ORBVIEW-2

Finding Fish Faster

Launched in 1997, OrbView-2 collects color imagery of the Earth's entire land and ocean surfaces on a daily basis. As the foundation upon which GeoEye built the SeaStar Fisheries Information Service, OrbView-2 saves time, fuel and money for commercial fishing vessels by helping them find fish faster. OrbView-2 detects changing oceanographic conditions used to create fishing maps that are delivered directly to commercial fishing captains at sea. The satellite also provides broad-area coverage in 2,800 km-wide swaths, which are routinely used in naval operations, environmental monitoring, and global crop assessment applications.



ORBVIEW-2 SPECIFICATIONS

Imaging Mode	Multispectral
Spatial Resolution	1.1 kilometer
Imaging Channels	6 Visible; 2 Near Infrared
Spectral Range	400-875 nm
Swath Width	2,800 km
Revisit Time	Daily
Orbital Altitude	705 km
Mission Life	Expected > 12 years

MJ HARDEN

High Performance Digital Aerial Imaging

The standard of quality for aerial imagery has been raised with MJ Harden's world-class digital aerial imaging system, the Digital Mapping Camera (DMC™) system by Z/I Imaging (Zeiss/Intergraph).

Not just an aerial photo camera, the DMC is a complete digital image capture and data management system designed to support photogrammetric missions that demand high resolution and geolocation accuracy. Designed from the ground up as the next generation in photogrammetric mapping cameras, the DMC features breakthrough technologies that produce successful results—from small-scale mapping assignments to precision, high-resolution corridor engineering projects.

DMC® SPECIFICATIONS

Operational Life	6+ years
Altitude	350 meters - 6000 meters
Resolution	3 cm - 60 cm
Image Swath Width	0.4 km - 8.3 km
Dynamic Range	12 bit per channel
Image Bands	Panchromatic, Red, Green, Blue, Near-Infrared



OrbView-3 Imagery

High-resolution imagery from the OrbView-3 archive is available, including 1-meter panchromatic and 4-meter multispectral imagery for areas-of-interest worldwide.