DATA SHEET

WorldView-2

Launched in October 2009, WorldView-2 is the first Very High Resolution 8-band multispectural commercial satellite. Operating at an altitude of 770 km, WorldView-2 incorporates industry-leading geolocation accuracy and is able to geolocate to less than 5 m to create maps in remote areas, thereby maximizing the utility of available resources. Multispectural resolution imagery is acquired by use of bi-directional scanning and rapid retargeting using Control Moment Gyros - more than two times faster than any competitor.

COLLECTION CAPACITY

Ability to image 1,000,000 km² daily with a 1.1 day revisit rate at 1 m GSD or less.

ACCURACY

Predicted <3.5 m CE90 without ground control

CONTIGUOUS AREA COLLECTED

Mono: 138 km x 112 km (8 strips)
Stereo: 63 km x 112km (4 pairs)

www.euspaceimaging.com | Arnulfstrasse 199, 80634 Munich, Germany | T: +49 89 130 1420

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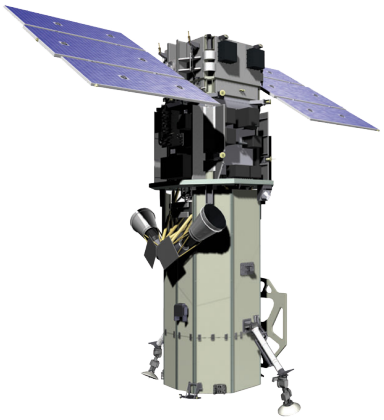
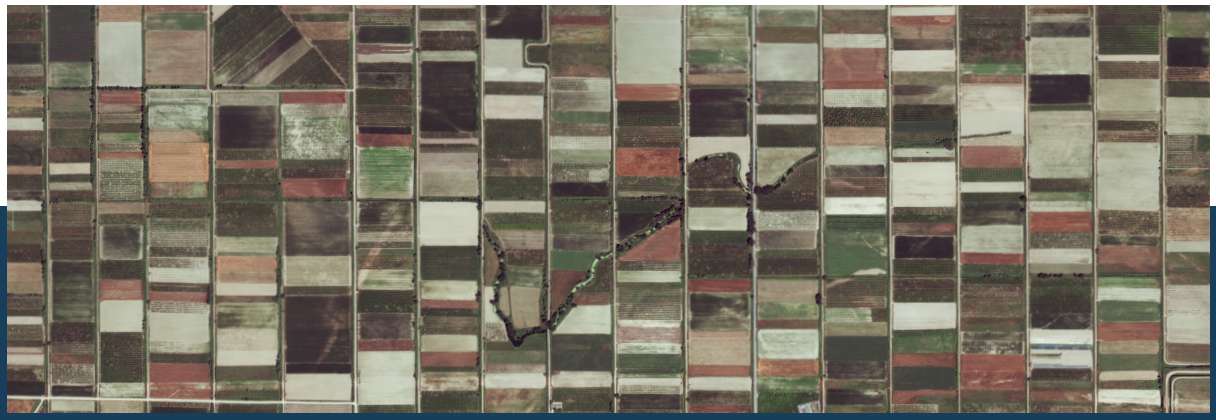
Specifications

Orbit	• Altitude: 770 km • Type: SunSync, 10:30 am descending node • Period: 100 minutes
Dynamic Range	11-bits per pixel
Swath Width	At Nadir: 16.4 km
Sensor Bands	**Panochromatic** 450 - 800 nm **8 Multispectral** Coastal: 400 - 450 nm Blue: 450 - 510 nm Green: 510 - 580 nm Yellow: 585 - 625 nm Red: 630 - 690 nm Red Edge: 705 - 745 nm Near IR1: 770 - 895 nm Near IR2: 860-1040nm
Resolution	**Panochromatic** ONA* 0° ONA: 0.46 m 20° ONA: 0.52 m **Multispectral** ONA* 0° ONA: 1.85 m 20° ONA: 2.07 m * Off Nadir Angle (ONA)



Features

- High capacity in various collection modes
- Optimised and flexible collection planning
- Direct downlink to German antenna for near real-time delivery



About European Space Imaging

Based in Munich, Germany and established in 2002, European Space Imaging is the leading premium supplier of global very high resolution (VHR) satellite imagery and derived services to customers in Europe and North Africa.

With almost 20 years' experience, European Space Imaging has developed a reputation for expert and personalised customer service and an unbeatable track record for supplying tailored very high resolution imagery solutions to meet the diverse projects and requirements of their customers.

Furthermore, European Space Imaging is the only European satellite data provider to supply imagery at true 30 cm resolution and who own and operate its own multi-mission ground station for direct satellite tasking and local data downlink.

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