

WorldView-3

Launched in 2014, WorldView-3 set a new standard as the industry's first multi-payload, super-spectral, high resolution commercial satellite delivering imagery at 31 cm resolution. With 29 spectral sensors on board, the data from WorldView-3 allows you to differentiate between objects with far greater accuracy than ever before.



COLLECTION CAPACITY

Ability to image 680,000 km² daily with a < 1 day revisit rate at 1 m GSD



ACCURACY

Predicted <3.5 m CE90 without ground control



CONTIGUOUS AREA COLLECTED

Mono: 66.5 km x 112 km (5 strips)
Stereo: 26.6 km x 112km (2 pairs)

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Specifications

Orbit	<ul style="list-style-type: none"> • Altitude: 617 km • Type: SunSync, 10:30 am descending node • Period: 97 minutes 																								
Dynamic Range	11-bits per pixel PAN and MS; 14-bits per pixel SWIR																								
Swath Width	At Nadir: 13.1 km																								
Sensor Bands	<p>Panochromatic 450 - 800 nm</p> <p>8 Multispectral</p> <table> <tr> <td>Coastal: 400 - 450 nm</td> <td>Red: 630 - 690 nm</td> </tr> <tr> <td>Blue: 450 - 510 nm</td> <td>Red Edge: 705 - 745 nm</td> </tr> <tr> <td>Green: 510 - 580 nm</td> <td>Near IR1: 770 - 895 nm</td> </tr> <tr> <td>Yellow: 585 - 625 nm</td> <td>Near IR2: 860 - 1040 nm</td> </tr> </table> <p>8 SWIR Bands</p> <table> <tr> <td>SWIR-1: 1195 - 1225 nm</td> <td>SWIR-5: 2145 - 2185 nm</td> </tr> <tr> <td>SWIR-2: 1550 - 1590 nm</td> <td>SWIR-6: 2185 - 2225 nm</td> </tr> <tr> <td>SWIR-3: 1640 - 1680 nm</td> <td>SWIR-7: 2235 - 2285 nm</td> </tr> <tr> <td>SWIR-4: 1710 - 1750 nm</td> <td>SWIR-8: 2295 - 2365 nm</td> </tr> </table>	Coastal: 400 - 450 nm	Red: 630 - 690 nm	Blue: 450 - 510 nm	Red Edge: 705 - 745 nm	Green: 510 - 580 nm	Near IR1: 770 - 895 nm	Yellow: 585 - 625 nm	Near IR2: 860 - 1040 nm	SWIR-1: 1195 - 1225 nm	SWIR-5: 2145 - 2185 nm	SWIR-2: 1550 - 1590 nm	SWIR-6: 2185 - 2225 nm	SWIR-3: 1640 - 1680 nm	SWIR-7: 2235 - 2285 nm	SWIR-4: 1710 - 1750 nm	SWIR-8: 2295 - 2365 nm								
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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 (EUSI)

Based in Munich, Germany and established in 2002, EUSI is the leading premium supplier of global Very High Resolution (VHR) satellite imagery and derived services such as 3D products, vector derivatives and analytic tools to customers in Europe and North Africa.

Through their longstanding partnership with Maxar Technologies, they were the first European company to bring 30 cm resolution satellite imagery to the EU market. Today, EUSI has access to satellites at resolutions 30 cm – 1 m and a combined daily revisit of close to 10 times a day in panchromatic, multispectral, hyperspectral and video.