

WorldView-4

WorldView-4 was launched in 2016 and was decommissioned in 2019. It operated at an altitude of 617 km and provided 31 cm panchromatic resolution and 1.24 m multispectral resolution. Although the satellite spent only a short amount of time in space, it collected millions of square kilometres of data that is accessible through the archive for our customers. Additionally WorldView-4 data can also be found in Maxar's online subscription based platform, SecureWatch.



COLLECTION CAPACITY

Ability to image 680,000 km² per day with a daily revisit rate



ACCURACY

Predicted <4 m CE90 without ground control



CONTIGUOUS AREA COLLECTED

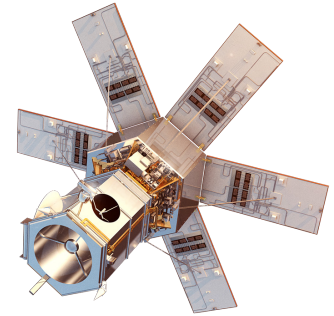
Mono: 66.5 km x 112 km (5 strips)

Stereo: 26.6 km x 112km (2 pairs)

WorldView-4

Specifications

Orbit	<ul style="list-style-type: none"> • Altitude: 617km • Type: SunSync, 10:30 am descending node • Period: 97 minutes 																		
Dynamic Range	11-bits per pixel																		
Swath Width	At Nadir: 13.1 km																		
Sensor Bands	Panochromatic 450 - 800 nm																		
	4 Multispectral Red: 655 - 690 nm Green: 510 - 580 nm Blue: 450 - 510 nm Near IR: 780 - 920 nm																		
Resolution	<table border="1"> <thead> <tr> <th></th> <th>Panochromatic</th> <th>4 Multispectral</th> </tr> <tr> <th><u>ONA*</u></th> <th></th> <th><u>ONA*</u></th> </tr> </thead> <tbody> <tr> <td>0° ONA:</td> <td>0.31 m</td> <td>0° ONA: 1.24 m</td> </tr> <tr> <td>20° ONA:</td> <td>0.34 m</td> <td>20° ONA: 1.38 m</td> </tr> <tr> <td>56° ONA:</td> <td>1.00 m</td> <td>56° ONA: 4.00 m</td> </tr> <tr> <td>60° ONA:</td> <td>3.51 m</td> <td>60° ONA: 14.00 m</td> </tr> </tbody> </table>		Panochromatic	4 Multispectral	<u>ONA*</u>		<u>ONA*</u>	0° ONA:	0.31 m	0° ONA: 1.24 m	20° ONA:	0.34 m	20° ONA: 1.38 m	56° ONA:	1.00 m	56° ONA: 4.00 m	60° ONA:	3.51 m	60° ONA: 14.00 m
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* Off Nadir Angle (ONA)																			



Benefits

- 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.