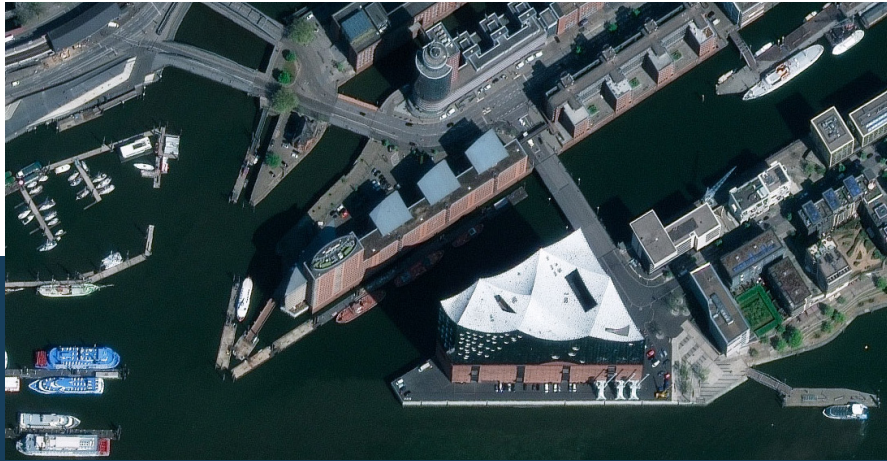


GeoEye-1

Launched in 2008, the GeoEye-1 satellite is equipped with some of the most advanced technology ever used in a commercial remote sensing system. Operating at an expected altitude of 681 km, GeoEye-1 provides 41 cm panchromatic resolution and 1.65 m multispectral resolution. Utilising GeoEye-1, European Space Imaging currently offer customers stereoscopic collection on a single pass (synoptic) collection ensuring continuity and consistency of image quality.



COLLECTION CAPACITY

Ability to image 350,000 km² daily with a 2.6 day revisit rate at 30° off-nadir or less



ACCURACY

5 m CE90, 3 m CE90 (measured)



CONTIGUOUS AREA COLLECTED

Mono: 45 km x 112 km (3 strips)
Stereo: 15 km x 112km (1 pair)

GeoEye-1

Specifications

| | | | | | | | |
|----------------------|---|----------------------|----------------------|-------------|-------------|----------------|----------------|
| Orbit | <ul style="list-style-type: none"> • Altitude: 681 km • Type: SunSync, 10:30 am descending node • Period: 98 minutes | | | | | | |
| Dynamic Range | 11-bits per pixel | | | | | | |
| Swath Width | At Nadir: 15.3 km | | | | | | |
| Sensor Bands | <p>Panochromatic 450 - 800 nm</p> <p>4 Multispectral Blue: 450 - 510 nm Green: 510 - 580 nm Red: 655 - 690 nm Near IR: 780 - 920 nm</p> | | | | | | |
| Resolution | <table border="0"> <tr> <td>Panochromatic</td> <td>Multispectral</td> </tr> <tr> <td><u>ONA*</u></td> <td><u>ONA*</u></td> </tr> <tr> <td>0° ONA: 0.41 m</td> <td>0° ONA: 1.65 m</td> </tr> </table> <p>* Off Nadir Angle (ONA)</p> | Panochromatic | Multispectral | <u>ONA*</u> | <u>ONA*</u> | 0° ONA: 0.41 m | 0° ONA: 1.65 m |
| Panochromatic | Multispectral | | | | | | |
| <u>ONA*</u> | <u>ONA*</u> | | | | | | |
| 0° ONA: 0.41 m | 0° ONA: 1.65 m | | | | | | |



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.