



**TELESPAZIO**

A Finmeccanica / Thales Company



# GeoEye-1

## **INTRODUCTORY PRICE LIST**

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## GEOEYE-1 SENSOR SPECIFICATIONS

GeoEye-1m, launched on September 6, 2008, is the world's highest resolution satellite commercially available. It is able to collect imagery with 0.41 m resolution.

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

## GEOEYE-1 PRODUCTS SPECIFICATIONS

GeoEye-1 Commercial products are resampled at 50 cm/ 2 m GSD.

### 1 Geo

The foundation of the GeoEye imagery product line, the Geo, is a radiometrically corrected map oriented image suitable for a wide range of uses. In addition to being suitable for visualization and monitoring applications, the Geo is shipped with the sensor camera model in rational polynomial coefficient (RPC) format at no additional cost to the buyer. This camera model maps the respective ground coordinates to image product coordinates. Block adjustment, orthorectification, and other photogrammetric processing can be performed using the RPC camera model. The Geo product, coupled with a digital elevation model and control data, permits skilled users to make orthorectified (terrain corrected) products using standard commercial software. Geo imagery products are available as panchromatic, multispectral, and pan-sharpened color imagery.

### 2 Geo Professional

Geo Professional products are orthorectified (terrain corrected) by GeoEye's staff of experienced production personnel using proprietary processes perfected in our production facilities and optimized to the data collected by GeoEye satellites. The orthorectification process employed by GeoEye enables us to quickly deliver the most accurate and precise terrain corrected products available from a satellite platform. Available in two levels of accuracy, Geo Professional and Precision, these products are suitable for feature extraction, change detection, base mapping and other similar applications. Geo Professional imagery products are available as panchromatic, multispectral, and pan-sharpened color imagery.

### 3 Geo Professional Precision

This option is available for Geo Professional products. Proper Ground Control Points (GCPs) are needed to be acquired, to be used to increase the accuracy of the orthorectified products. Additional charges for GCPs may apply in certain world geographies.

### 4 Geo Stereo

Providing a strong base for three-dimensional feature recognition, extraction and exploitation, the Geo Stereo product provides two images with stereo geometry to support a wide range of stereo imagery applications such as DEM creation, building height extraction, and creating various spatial layers. Geo Stereo products in epipolar or map projections include RPC camera model data. The RPC camera model supports block adjustment, three-dimensional stereo extraction, DEM

generation, orthorectification, and other photogrammetric operations. Geo Stereo imagery products are available as panchromatic, multispectral, and pan-sharpened color imagery.

### 5 Geo Stereo Precision

This option is available for Geo Stereo products. Proper Ground Control Points (GCPs) are needed to be acquired, to be used to increase the accuracy of the orthorectified products. Additional charges for GCPs may apply in certain world geographies.

## PRICING

All prices are per square kilometer (km<sup>2</sup>)

<b>Panchromatic (Black &amp; White), Multispectral, Pan-sharpened [3 band (Natural Color, or Color Infrared)], Pan-sharpened (4 band), Bundle (PAN + MS)</b>	
<i>Product options</i>	<b>0.5 Meter / 2.0 Meter *</b>
Geo	\$25.00
Geo Professional	\$30.00
Geo Professional Precision **	\$40.00
Geo Stereo	\$40.00
Geo Stereo Precision**	\$50.00
Archive	\$12.50

\* 0.5m are panchromatic or pan-sharpened products; 2.0m are multispectral products

\*\* Additional charges for ground control may apply in certain world geographies

Notes:

1. **Imagery is defined as "Archive Imagery" as ninety (90) days after it is first collected.**
2. *Minimum order size is 49 km<sup>2</sup> for Archive and 100 km<sup>2</sup> for all other product options*
3. *Only the Geo product is available at the Archive price.*
4. *Geo Professional and Geo Stereo products created from Archive imagery are sold at full price.*

## UPLIFTS AND ADDITIONS – ADDITIONAL FEES

The following chart identifies and lists fees which are applicable to all three product lines; Geo, Geo Professional, and Geo Stereo. These price modifiers are to be applied before any discounting and are either unit cost additions or per square kilometer modifiers.

Product Uplifts		Unit Cost
<b>Per km<sup>2</sup></b>		
72 Degree Angle Uplift	Per km <sup>2</sup>	\$ 2.00
Media CD/DVD/Memory Stick Redelivery of original order fee	Per km <sup>2</sup>	\$ 0.25
Priority Tasking*		\$ 3,000**
≤10% cloud cover	Per km <sup>2</sup>	25% uplift from list
≤5% cloud cover	Per km <sup>2</sup>	50% uplift from list
<b>Added Costs</b>		
Hard Drive	each	\$ 300.00

\* Specific collection date or rush priority tasking required

\*\* Non-refundable fee, regardless of order size

## LICENSING

Pricing above refers to the Single Organization License, which allows customers to use the data at one of the following narrowly Defined Customer Groups:

- One private individual
- One company or corporation
- One civilian federal agency below the U.S. Cabinet level
- One of the four branches of the military, a defense agency, one of the unified commands, one of the non-Department of Defense (DoD) entities identified in the Title 50 USC 401a or the State Department (U.S. A.I.D. shall not be considered to be a component of the State Department)
- One state or provincial agency
- All departments of one county government
- All departments of one city government
- One Non Governmental Organization (NGO) or Non-Profit Organization (NPO)
- All departments within a single educational organization within a single country

For multiple licenses, and/or different customers' groups, please contact Telespazio S.p.A..