+ PLANET TASKING

Rapid high-resolution intelligence

The accelerating pace of global change demands that organizations have rapid access to fresh and accurate information. But the traditional satellite tasking model isn't equipped to deliver high-resolution imagery efficiently, and often the value of that imagery diminishes quickly.

Planet Tasking is built for speed and ease – leveraging the world's largest fleet of high-resolution satellites, capable of imaging any point on Earth at twice-daily frequency. The global coverage and responsiveness of Planet Tasking empowers customers with recent high-resolution imagery of places most relevant to their business.

High resolution
72 cm GSD

Global coverage
Daily morning & afternoon passes over any point on Earth

Fast access
Publication latency < 10 hours

Easy order management
Tasking Interface & API

PLANET TASKING OFFERINGS

Standard Tasking	Flexible Tasking
Customer defines area(s) of interest, which Planet will image until < 15% cloud cover is achieved. 10% and 5% options also available.	Premium offering where customers purchase capacity upfront to task on-the-fly imagery over their area of interest, whenever they want.
Imagery published within < 10 hours of collection	Imagery published within < 10 hours of collection
Collection area, time period, and other specifications subject to feasibility.	Collection area, time period, and other specifications subject to feasibility.

DIVERSE USE CASES

With 15 satellites in total, the unmatched size of the SkySat constellation and its ability to collect morning and afternoon satellite passes, powers insights across a range of use cases, from understanding the impacts shortly after a disaster, to gathering intelligence in a remote corner of the world.

TASK MORE EFFECTIVELY BY PAIRING WITH PLANET MONITORING

When paired with Planet Monitoring, customers can use Planet Tasking for greater precision and have confidence that change relevant to their business is captured. This “tip and cue” capability is made possible by leveraging Planet’s two complementary constellations – PlanetScope and SkySat.

Leveling and clearing activity detected in PlanetScope imagery at Gonggar Airfield • August 30, 2017

IMAGERY PRODUCT SPECIFICATIONS

	Basic Scene		Ortho Scene & SkySat Collect		
Ground sample distance	Panchromatic: 0.72 m; Multispectral: 1.0 m		Panchromatic: 0.8 m; Multispectral: 1.0 m		
Pixel resolution	N/A		Analytic, Analytic DN: 1.0 m Panchromatic DN; Visual Pansharpened Multispectral: 0.8 m		
Spectral bands	Blue 450 - 515 nm	Green 515 - 595 nm	Red 605 - 695 nm	NIR 740 - 900 nm	Pan 450 - 900 nm
Bit depth	16-bit		Analytic DN; Analytic; Panchromatic DN; Pansharpened Multispectral: 16-bit		
			Visual: 8-bit Unsigned Integer		
Geometric precision	< 50 m RMSE		< 10 m RMSE		
File structure	Image File – GeoTIFF format Metadata File – JSON format Rational Polynomial Coefficients – Text File (Basic only) UDM File – GeoTIFF format				
Radiometric conversion	Analytic product - Absolute Radiance derived using vicarious calibration methods. Radiometrically calibrated to radiance units and scaled by 100 to reduce quantization errors				

LET’S TALK

We’re Here to Help!
Get support for Planet Tasking
support@planet.com

Contact Us
Learn how Planet can help you turn data to actionable insights
go.planet.com/getintouch

Learn More
www.planet.com