

KOMPSAT Series of Satellites

Technical Specifications

Earth-i provides a range of end-to-end data acquisition and analytical services to their clients using very high-resolution data.

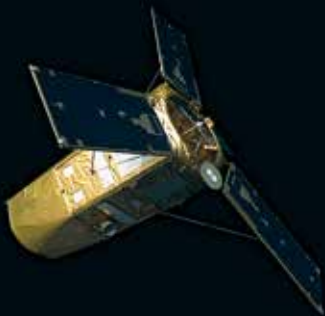
The KOMPSAT satellites give you access to high-resolution data and imagery from the diverse range of sensors, from optical satellites to a synthetic aperture radar (SAR) satellite. Working with our partners, SI Imaging Services, Earth-i delivers a range of data capture, processing and analytical services.

KOMPSAT 3A

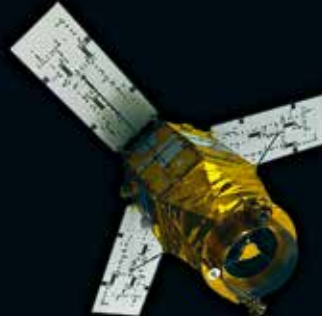
Specifications:

Product Resolution:	Panchromatic:	0.4m, (0.54m GSD)
	Multispectral:	1.6m @ altitude 528km nadir, (2.16m GSD)
Spectral bands:	PAN:	450 - 900 nm
	MS1 (B):	450 - 520 nm
	MS2 (G):	520 - 600 nm
	MS3 (R):	630 - 690 nm
	MS4 (N):	760 - 900 nm
Swath width:	13km	
Imaging Modes:	Strip, Multipoint, Stereo, Wide area	
Orbit:	Sun Synchronous orbit	
Altitude:	528km	
Inclination:	97.5 deg	
MLTAN:	13:30 (local time)	
Map projection/Datum:	UTM/WGS84	

KOMPSAT 3A



KOMPSAT 3



KOMPSAT 3

Specifications:

Product Resolution:	Panchromatic:	0.5m, (0.7m GSD)
	Multispectral:	2.0m @ altitude 685.13km nadir, (2.8m GSD)
Spectral bands:	PAN:	450 - 900 nm
	MS1 (B):	450 - 520 nm
	MS2 (G):	520 - 600 nm
	MS3 (R):	630 - 690 nm
	MS4 (N):	760 - 900 nm
Swath width:	16km	
Imaging Modes:	Strip, Multipoint, Stereo, Wide area	
Orbit:	Sun Synchronous orbit	
Altitude:	685.13km	
Inclination:	98.14 deg	
MLTAN:	13:30 (local time)	
Map projection:	UTM/WGS84	

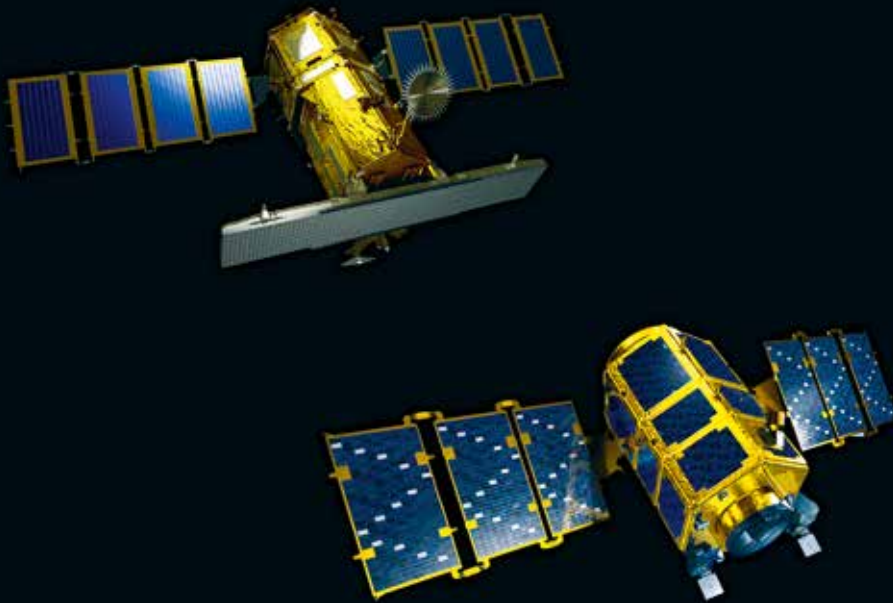


KOMPSAT 5

Specifications:

Sensor Type:	SAR
MAP Projection/Datum:	UTM/WGS84
Orbit:	Dawn-Dusk orbit
Imaging Modes:	UH/HR/EH, ES/ST, EW/WS
Altitude:	550km
Inclination:	97.06 deg
MLTAN:	06:00, 18:00 (local time)
File Format:	HDF5/GeoTIFF
Orbit repeat cycle:	28 days
Location accuracy:	4.82m RMSE, 7.32m CE90

KOMPSAT 5



KOMPSAT 2

KOMPSAT 2

Specifications:

Product Resolution:	Panchromatic:	1.0m, (1m GSD)
	Multispectral:	4.0m @ altitude 685km nadir, (4.0m GSD)
Spectral bands:	PAN:	500 - 900 nm
	MS1 (B):	450 - 520 nm
	MS2 (G):	520 - 600 nm
	MS3 (R):	630 - 690 nm
MS4 (N):	760 - 900 nm	
Swath width:	15km	
Imaging Modes:	Strip, Single point, Stereo	
Orbit:	Sun Synchronous orbit	
Altitude:	685km	
Inclination:	98.12 deg	
MLTAN:	10:50 (local time)	
Map projection:	UTM/WGS84	

Global. Timely. Assured

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