Xrtech Group

November 2026

PRICE & SPECIFICATION SHEET

High-Resolution Satellite Imagery: Prices, Sensors & Applications

Optical, stereo, multispectral, SAR and hyperspectral satellite imagery from 130+ satellites, with elevation models, orthophotos and AI analytics. Published per km² prices, full sensor specifications and the applications each one suits.



SuperView Neo-1 · 30cm · Las Vegas, USA

130+
optical and radar satellites

$1/km²
archive imagery from

25cm–2m
optical resolution, HD 15cm on request

48h
archive delivery, often within 1 hour

Prices in US dollars per km², valid until 30 June 2027, before volume discounts.

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1 · OPTICAL IMAGERY PRICES

Fixed per km² rates for mono optical imagery

No subscription and no hidden fees. Your price depends on resolution and how quickly you need the image. Choose single-use imagery or ongoing project support, with pricing tailored to your requirements.

Resolution tier	Satellites	Archive 90+ days	New tasking standard	Priority 3–5 days	Emergency within 24h
Super High 25cm–30cm	SuperView Neo-1, Beijing-3B	**$20**	**$30**	**$45**	**$80**
Very High MOST POPULAR 31cm–50cm	SuperView-1, SuperView-2, SuperView Neo-3, Beijing-3A	**$13**	**$20**	**$37**	**$66**
High 51cm–80cm	GF-7, GF-2, TripleSat	**$5**	**$8**	Quote	Quote
Standard 1m–2m	GF-1, GF-6, ZY-3	**$1**	**$2**	Quote	Quote
HD 15cm enhanced	On request (see Abu Dhabi HD 15cm sample)	Quoted per project			

All prices in USD per km². Priority and emergency for 51cm and coarser are quoted on request.

Options and add-ons

Cloud cover limit	10% or less +$8/km² · 5% or less +$15/km²
Viewing angle	15° or less +$3/km² · 10° or less +$9/km²
Stereo / tri-stereo	2× / 3× the mono price
8-band multispectral	+10% over 4-band
Volume	Discounts from 250 km² and for country-wide orders

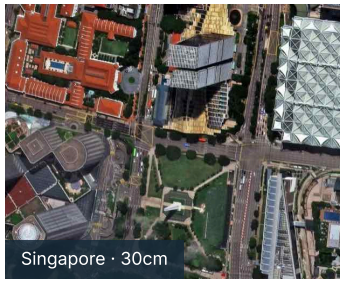
Order rules

Archive minimum	25 km² (smallest order USD 25)
Tasking minimum	100 km²
Area shape	At least 5 km wide
Coverage area	Price depends on size and location
Data usage	Single-use or ongoing project support

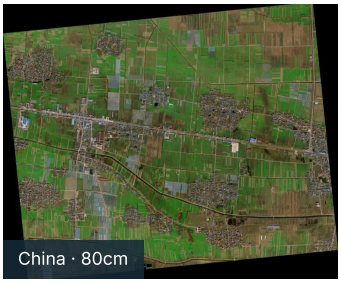
Worked examples

25 km² of 50cm archive = 25 × USD 13 = **USD 325** · 100 km² of 30cm new tasking = 100 × USD 30 = **USD 3,000** · 100 km² of 2m archive = **USD 100**


Abu Dhabi · HD 15cm


Singapore · 30cm


Denver · 50cm


China · 80cm

2 · SPECIALIST DATA PRICES

Stereo, 8-band, hyperspectral, SAR and elevation

Stereo and tri-stereo (L1B and L2A), USD per km²

Tier	Product	Archive	Tasking	Priority	Emergency
30cm	Stereo (2×)	$40	$60	$90	$160
	Tri-stereo (3×)	$60	$90	$135	$240
50cm	Stereo (2×)	$26	$40	$74	$132
	Tri-stereo (3×)	$39	$60	$111	$198
51–80cm	Stereo (2×)	$10	$16	Quote	
	Tri-stereo (3×)	$15	$24	Quote	
2m	Stereo (2×)	$2	$4	Quote	
	Tri-stereo (3×)	$3	$6	Quote	

8-band multispectral · 0.5m

Adds purple, yellow, red edge and NIR2 to RGB + NIR. +10% over 4-band.

Archive (90+ days)	from $14.30/km²
New tasking	from $22.00/km²
Priority	$40.70/km²
Emergency	$72.60/km²

Khaza'in hyperspectral intelligence

Mineral alteration mapping (sericite, kaolinite, hematite, chlorite) on GF-5B and ZY-1 02D, delivered as ranked target maps.

Under 100 km²	$20/km² · 2–3 day turnaround
100–500 km²	$17/km²
500–2,000 km²	$15/km²
Over 2,000 km²	$12/km²
Raw scenes	Quoted by area

SAR (radar) imagery

Quoted by sensor, resolution and imaging mode. See the SAR sensor page for every mode.

X-band	SuperView Neo-2, from 0.5m
C-band	GF-3 from 1m; Sentinel-1 open archive
L-band	LT-1 3m and InSAR pairs
S-band	HJ-1C 5m / 20m

Elevation and 3D

Custom quote, with free sample tiles before you order.

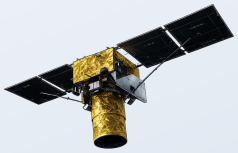
DEM / DSM / DTM	2–10m grid, ±3m vertical RMSE
Delivery	Under 21 days
3D buildings	LOD1.0–LOD1.3, textured models, real 3D mesh
Orthophotos (DOM)	0.3m, 0.5m, 0.8m, 2m · 8m CE90

Delivery times

Archive imagery	Within 48 hours of approval, often within 1 hour
Standard tasking	Captured within 7 days
Priority tasking	Captured in 3–5 days
Emergency tasking	Tasked immediately, delivered within 24 hours of capture
Response to requests	Reply within 1.5 hours, firm quote within 24 hours

3 · OPTICAL SATELLITE SPECIFICATIONS (1 OF 3)

Super high and very high resolution



SuperView Neo-1 03/04

Super High Resolution · 25cm

Panchromatic	25cm at nadir (0.5m at 25° off-nadir)	**Multispectral**	1m, 4 bands: Blue, Green, Red, NIR
Accuracy	Within 5m CE90 without GCPs	**Orbit**	Sun-synchronous, ~500–508 km
Revisit	Daily capable	**Launched**	February 2025

Best for: Precision mapping, infrastructure and asset inspection, cadastral and urban inventories

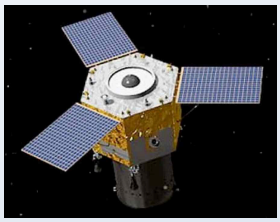


SuperView Neo-1 01/02

Super High Resolution · 30cm

Panchromatic	30cm native	**Multispectral**	1.2m, 4 bands: Blue, Green, Red, NIR
Swath	12 km at nadir	**Accuracy**	CE90 ≤ 4m
Orbit	Sun-synchronous, 650 km · 12-bit	**Revisit**	Daily over key areas

Best for: Construction monitoring, infrastructure analysis, change detection, urban planning

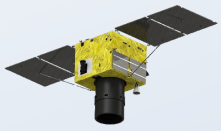


Beijing-3B (BJ3N)

Super High Resolution · 30cm

Panchromatic	30cm	**Multispectral**	1.2m
Swath	11.5 km	**Revisit**	5–10 days (single satellite)
Capture	Mono, stereo and tri-stereo; onboard AI processing	**Launched**	August 2022

Best for: City-scale mapping, site monitoring, DSM and DTM elevation models

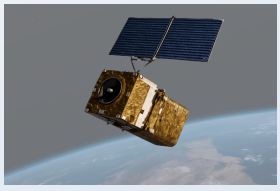


SuperView-2

Very High Resolution · 42cm

Panchromatic	42cm GSD	**Multispectral**	1.68m: Blue, Green, Red, Red Edge, NIR1, NIR2
Swath	15 km at nadir	**Revisit**	1.5 days (30° off-nadir)
Accuracy	80cm with ground control	**Capacity**	Up to 200,000 km² a day · 11-bit

Best for: Urban monitoring, forestry and vegetation health, base map updates



SuperView Neo-3

Very High Resolution · 50cm

Panchromatic	50cm at nadir	**Multispectral**	2m, 8 bands
Swath	130 km, the widest in the fleet	**Revisit**	1–3 days
Accuracy	10m CE90 · 12-bit	**Capacity**	1.4 million km² a day · launched 2024

Best for: Large-area and national mapping, agriculture, land cover classification

3 · OPTICAL SATELLITE SPECIFICATIONS (2 OF 3)

Very high and high resolution



Beijing-3A

Very High Resolution · 50cm

Panchromatic	50cm at nadir	**Multispectral**	2m, 4 bands
Swath	23.5 km	**Revisit**	4 days
Accuracy	< 10m CE90 absolute	**Capture**	Agile, multi-angle stereo · launched June 2021

Best for: Mapping, monitoring and elevation models

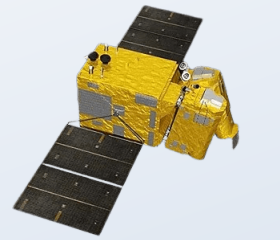


SuperView-1 (4 satellites)

Very High Resolution · 50cm

Panchromatic	50cm	**Multispectral**	2m, 4 bands: Blue, Green, Red, NIR
Swath	12 km at nadir	**Revisit**	1–2 days
Accuracy	9.5m CE90	**Orbit**	Sun-synchronous, 530 km · 11-bit

Best for: Professional mapping, agriculture, monitoring at a lower cost than 30cm

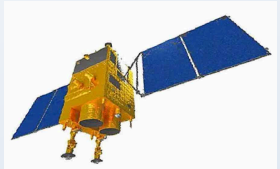


GF-7

High Resolution · 0.65m stereo

Panchromatic	≤ 0.65m, forward/backward stereo	**Multispectral**	≤ 2.6m, 4 bands
Swath	≥ 20 km	**Laser altimeter**	≤ 0.5m (plain), ≤ 1m (rough terrain)
Revisit	5 days · 506 km orbit	**Launched**	November 2019

Best for: 1:10,000 stereo mapping, DEM/DSM, 3D city models

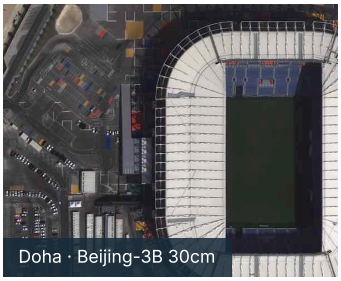


GF-2

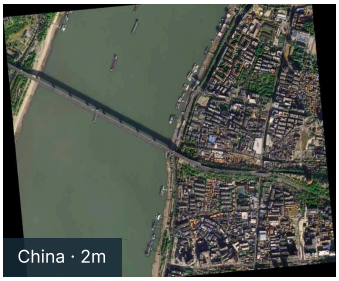
High Resolution · 0.8m

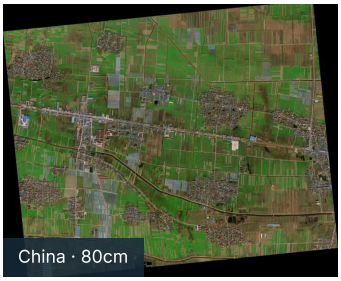
Panchromatic	0.8m at nadir	**Multispectral**	3.24m, 4 bands
Swath	45 km	**Revisit**	5 days
Accuracy	< 50m without GCPs · 10-bit	**Launched**	August 2014

Best for: Land use mapping, urban planning, agriculture and forestry


Doha · Beijing-3B 30cm


Denver · SuperView-1 50cm


China · 2m


China · 80cm

3 · OPTICAL SATELLITE SPECIFICATIONS (3 OF 3)

High and standard resolution



TripleSat (3 satellites)

High Resolution · 80cm

Panchromatic	0.8m delivered (1m native)	**Multispectral**	3.2m, 4 bands
Swath	~24 km	**Revisit**	Daily
Accuracy	< 20m CE90 · 10-bit	**Archive**	Global archive since 2016 · launched July 2015

Best for: Frequent coverage of large areas, agriculture, disaster response

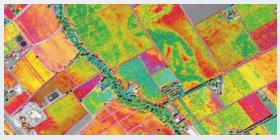


GF-1 B/C/D

Standard Resolution · 2m

Panchromatic	2m	**Multispectral**	8m, 4 bands
Swath	66 km	**Revisit**	~1 day (constellation)
Accuracy	50m CE90	**Orbit**	Sun-synchronous, 645 km · launched 2018

Best for: Regional mapping, agriculture and environmental monitoring at the lowest cost

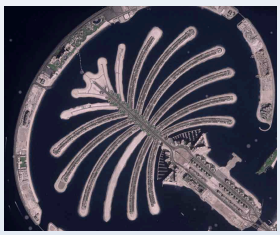


GF-6

Standard Resolution · 2m

Pan / MS camera	2m / 8m, 90 km swath	**Wide-field camera**	16m, 8 bands incl. red edge, purple, yellow
Wide swath	800 km	**Revisit**	4 days
Orbit	645 km	**Launched**	June 2018

Best for: Agriculture, forestry and land cover classification



ZY-3 02

Standard Resolution · 2.1m tri-stereo

Panchromatic	2.1m nadir, 2.7m forward/backward	**Multispectral**	5.8m, 4 bands
Swath	51 km	**Revisit**	5 days single, 1–2 days constellation
Capture	Tri-stereo		

Best for: Topographic mapping and elevation models over large areas, resource surveys

Which data for which application

Application	Recommended data	Sensors
Construction & engineering	25–30cm optical, stereo for DSM	SuperView Neo-1, Beijing-3B
Urban planning & cadastre	30–50cm optical, orthophotos, 3D buildings	SuperView Neo-1, SuperView-1, SuperView-2
Agriculture & forestry	8-band / red-edge multispectral	SuperView Neo-3, SuperView-2, GF-6
Mining & geology	Hyperspectral, DEM	GF-5B, ZY-1 02D, GF-7
Topographic mapping & DEM	Stereo / tri-stereo, laser altimetry	GF-7, ZY-3, Beijing-3A
Disaster & flood response	SAR + emergency optical tasking	GF-3, LT-1, SuperView Neo-2, TripleSat
Defence & maritime	Sub-metre SAR and 25–30cm optical	SuperView Neo-2, GF-3, SuperView Neo-1
Regional & national mapping	Wide-swath 50cm–2m, mosaics	SuperView Neo-3, GF-1, GF-2

4 · SAR (RADAR) SATELLITE SPECIFICATIONS

All-weather, day-and-night radar imaging

SAR sees through cloud, smoke and darkness, giving civil, commercial and defence teams reliable data in any conditions, with single, dual and full polarisation across X, C, L and S bands.

SuperView Neo-2

X-band

Spotlight	0.5m
Stripmap	2m
Scan	15m
Products	SLC/SSC, GEC, InSAR pairs (CoSSC)

GF-3 (01 & 02)

C-band · 755 km · revisit < 1 day

Spotlight	1m, 10 km swath, single pol
Ultra-fine / fine stripmap	3m / 5–10m, 30–100 km swath
Standard stripmap	25m, 130 km swath, dual pol
Quad-pol	8–25m, 30–40 km swath, full pol
ScanSAR	50–500m, 300–650 km swath
Wave	10m, 5 km, full pol

LT-1 A/B

L-band · 607 km · revisit 4 days

Strip modes	3m (50 km) single or dual pol · 6m (30 km) full pol · 12m (100 km)
Wide modes	20–30m strip (150–250 km) · 30m scan (400 km)
Polarisation	Single, dual and full (HH, HV, VV, VH)
InSAR	Deformation monitoring to 1–2 mm

HJ-1C

S-band

Strip	5m, 40 km swath
Scan	20m, 100 km swath

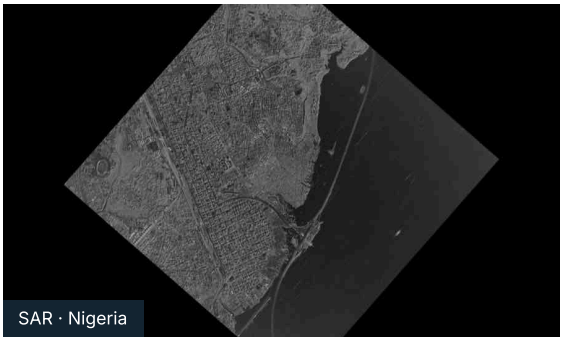
Sentinel-1

C-band · open archive

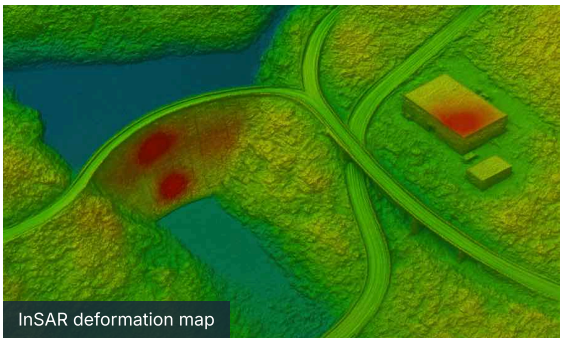
Archive	5–20m, free open data



X-band SAR · airport



SAR · Nigeria



InSAR deformation map

Best for

Flood and disaster mapping · maritime and vessel monitoring · infrastructure and pipeline deformation (InSAR to 1–2 mm) · defence and security · urban planning and environmental monitoring in cloudy regions.

5 · HYPERSPECTRAL SENSORS AND VALUE-ADDED PRODUCTS

Spectral intelligence, elevation and analytics

GF-5B

Hyperspectral · 705 km

AHSI	30m, 60 km swath, 330 bands, 0.40–2.50 µm
Spectral resolution	≤ 5nm VNIR, ≤ 10nm SWIR
VIMS	20m / 40m, 12 bands, 865 km swath
Revisit	12 days · launched September 2021

ZY-1 02D

Hyperspectral + optical · 778 km

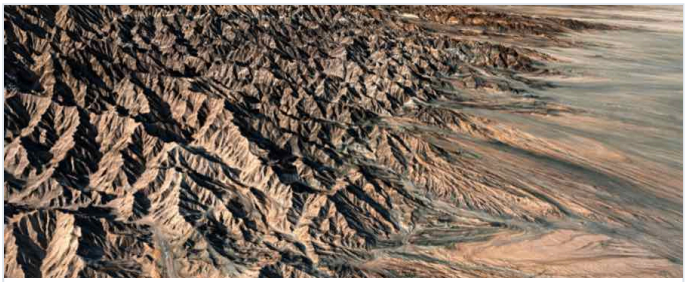
Hyperspectral	30m, 60 km swath, 166 bands (76 VNIR + 90 SWIR)
Spectral resolution	10nm VNIR, 20nm SWIR
Pan / MS	2.5m / 10m, 8 bands, 115 km swath
Revisit	3 days (pan/MS), 26 days · launched September 2019

Best for: mineral exploration and alteration mapping, geology, vegetation and crop stress, water quality and environmental monitoring.



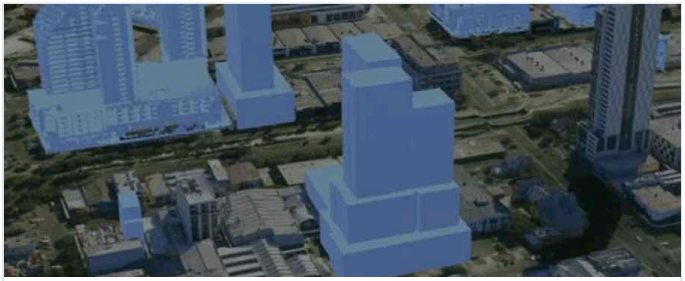
Orthophotos & mosaics

0.3m to 2m DOM at 8m CE90 (1–1.5m 1σ achievable). Block adjustment, atmospheric correction, colour balancing and seamless cloud-free mosaics up to country scale, for buildings and roads extraction, GIS base maps and long-term monitoring.



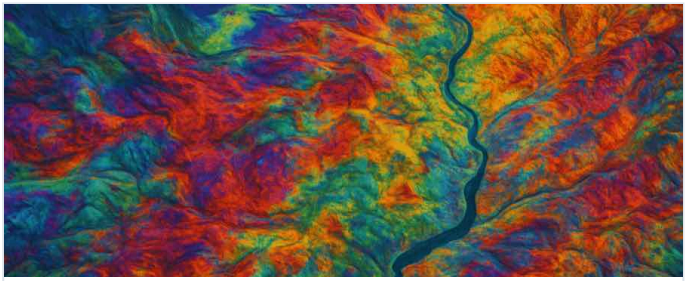
DEM, DSM & DTM

2–10m grids at ±3m vertical RMSE, delivered in under 21 days. Bare-earth DTMs for drainage and cut-and-fill; DSMs for line-of-sight, urban flood models, construction siting and disaster preparedness.



3D models & digital twins

LOD1.0–LOD1.3 building models from sub-metre stereo with AI roof extraction and true heights, textured models and real 3D mesh for city-scale digital twins.



AI analytics

Object detection (aircraft over 95% accuracy, ships, vehicles, road centrelines), crop type mapping over 90% accuracy, yield prediction up to 85%, flood extent within 24 hours and change detection.

6 · DELIVERY, LICENCE AND ORDERING

GIS-ready data, one licence, two ways to buy

Delivery formats

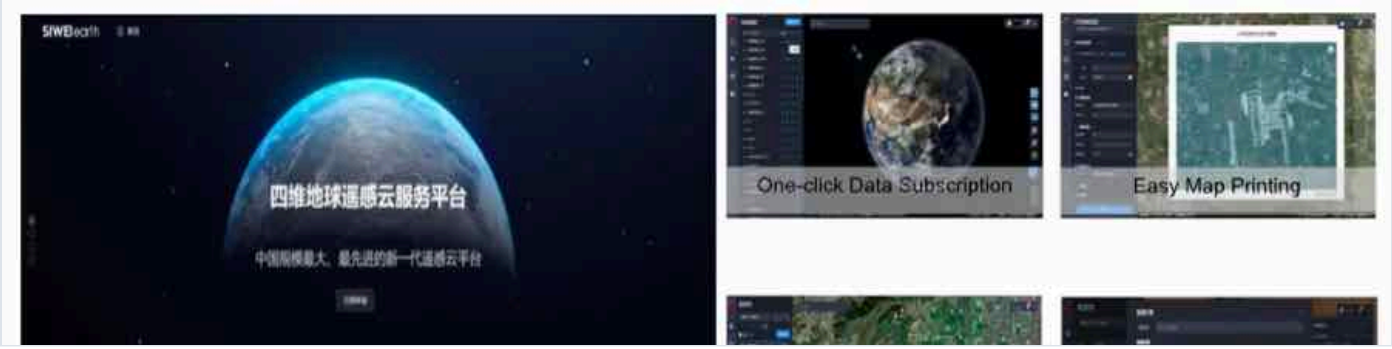
Imagery	GeoTIFF or IMG, 8, 11 or 16-bit
Vectors / CAD	SHP or DWG
Projection	WGS84, UTM or your local system
Elevation	GeoTIFF, IMG, SHP, DWG
3D models	IFC, FBX, 3DS, glTF, DGN, RVT, DAE
Meshes	3D Tiles, OSGB, OBJ, I3S, S3M
Point clouds	LAS, LAZ, XYZ, TXT
Channels	Secure cloud link (1-hour turnaround once processed) or encrypted hard drive

Licence

One **project-wide licence** with no per-seat limits for your team. Use imagery in client deliverables, engineering plans, zoning documents and official reports. Supplied outside US export controls, so there are no ITAR or US export licensing delays.

Platform & API

Ordered, processed and delivered through the Siwei Earth remote sensing cloud service platform: daily revisit, 500,000 km² collected per day, 50 TB processed daily, 60 PB archive. APIs for search, ordering, tasking, AI interpretation and data streaming, plus an ArcGIS plugin.



Self-serve

Buy in the online portal

No login to search. Draw or upload your area (KML, KMZ, SHP), choose archive or new tasking, preview quick-looks with an indicative USD price, then click Request this set. No payment until you approve the final quote.

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