

NEWSPACE MARKET · COMPANY PROFILE



二十一世纪空间技术应用股份有限公司
Twenty-First Century Aerospace Technology Co., Ltd.

21st Century Space

China · founded 2001 · 21at.com.cn

11

PRODUCTS

newspacemarket.com/companies/21at-century-space/

as of 23 August 2026

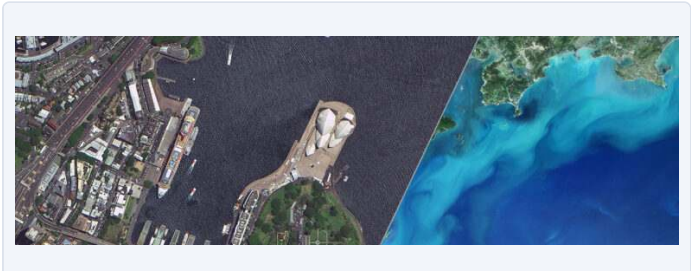
A large, faint, stylized graphic of an eye or a camera lens, composed of concentric arcs and a central circle, positioned on the right side of the page.

21st Century Space

21st Century Aerospace Technology Application Co., Ltd. (二十一世纪空间技术应用股份有限公司) is a leading Chinese commercial aerospace satellite remote sensing company founded in 2001 in Beijing. Recognized as a pioneer of commercial aerospace satellite remote sensing in China, the company operates as a space remote sensing big data service provider for domestic and international customers. The company operates the Beijing satellite constellation — including Beijing No. 1, Beijing No. 2, and Beijing No. 3 — delivering high-resolution optical imagery and spatial information services. Their integrated service portfolio spans standardized image products, value-added data products, information products, software/hardware solutions, and spatial big data applications built on proprietary algorithms and AI-enhanced processing pipelines. 21st Century Space has established 15+ regional offices across China (including Henan, Sichuan, Guangdong, Yunnan, Xinjiang, and others) and provides services to government, enterprise, and research clients. Their mission: 'Remote sensing makes Earth better.'

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

Product catalogue



21ST CENTURY SPACE

Beijing Satellite Constellation Remote Sensing Products

Satellite remote sensing data products and spatial information services from the Beijing No.1/2/3 constellation operated by 21st Century Space.

Constellation	Beijing No. 1, Beijing No. 2, Beijing No. 3
Product types	Standard image, value-added data, information products, spatial big data
Processing technology	AI-enhanced, cloud computing, proprietary algorithms
Coverage	China national and international
Applications	Urban planning, agriculture, disaster assessment, environmental monitoring
Delivery	15+ regional offices across China
Founded	2001

price on request



21ST CENTURY SPACE

Beijing Series Satellite True 3D Scene Data Products

Utilizing Beijing-3 satellite's wide-area stereo imaging and tri-stereo image data, this product automatically generates ultra-high precision DEM/DSM and creates next-generation sa

Resolution	0.8 meter
Resolution (2)	3.2 meter

price on request



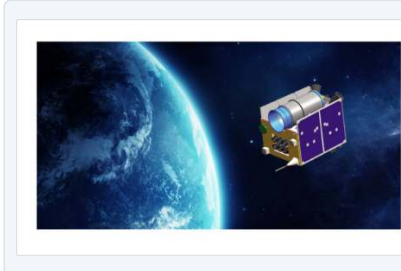
21ST CENTURY SPACE

Beijing Series III Satellite

The Beijing Series III satellite is a very high-resolution, high-performance optical remote sensing satellite, providing timely and independent very high-resolution satellite remot

Orbital altitude	620 km
Revisit frequency (four satellites)	Daily revisit of any point
Swath width	14 km
Stereo capability	Single-orbit stereo and triple-stereo
Panchromatic band	450-800nm
Multispectral bands (6 bands)	Deep Blue: 400-450nm, Blue: 450-520nm, Green: 530-590nm, Red: 620-690nm, Red Edge: 700-750
Dynamic range	12bit

price on request



中高分辨率双遥感器

32米多光谱，幅宽600公里

4米全色，幅宽24公里

具有侧摆功能

21ST CENTURY SPACE

Beijing-1 Remote Sensing Small Satellite

The "Beijing-1" remote sensing small satellite system is the result of joint support from the "Tenth Five-Year Plan" National Science and Technology Key Project, the National 863 P

price on request



21ST CENTURY SPACE

Beijing-2 Remote Sensing Satellite Constellation

The Beijing-2 remote sensing satellite constellation is China's first commercial remote sensing satellite project approved by the National Development and Reform Commission.

Resolution 0.8 m panchromatic

Resolution (multispectral) 3.2 m multispectral

price on request



21ST CENTURY SPACE

Beijing-3 Series Satellite

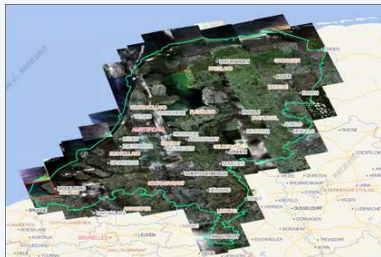
The Beijing-3 series satellite is an ultra-high resolution, high-performance optical remote sensing satellite, featuring high precision and high agility.

Resolution Panchromatic 0.3-0.5m, Multispectral 1.2-2.0m

Features Ultra-high agility, ultra-high stability, ultra-high precision

Imaging modes Arbitrary trajectory imaging, multi-target imaging, multi-strip imaging

price on request



21ST CENTURY SPACE

Comprehensive Application Services

This service leverages the company's self-controlled Beijing series remote sensing satellites, integrating multi-source remote sensing data like SAR radar, and combining various mo

price on request



21ST CENTURY SPACE

Image Application Services

This service provides high-level image product value-added services and pyramid image services based on customer requirements and specific regional coverage.

price on request



21ST CENTURY SPACE

Software and Hardware Products

Based on a geographic information base, integrating spatial information technologies such as RS, GIS, and GPS, independently developed software products and systems for various ind

price on request

21ST CENTURY SPACE

Software Application Services

This service provides customized software development solutions for remote sensing integrated applications, leveraging the company's independently developed application development

price on request



21ST CENTURY SPACE

Standard Image Products

Sensor-calibrated image products (L1) are generated from satellite raw data, incorporating attitude and orbit data and ground control information.

price on request

Contact 21st Century Space

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/21st-century-space/>

<https://www.21st.com.cn>

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