

NEWSPACE MARKET · COMPANY PROFILE

KUVA SPACE

Kuva Space

Finland · founded 2016 · kuvaspace.com

2

PRODUCTS

5

SERVICES

newspacemarket.com/companies/reaktor-space-lab/

as of 25 August 2026



Kuva Space

Kuva Space was founded in 2016 in Espoo, Finland by Tuomas Tikka and Janne Kuhno as Reaktor Space Lab, a spinout collaboration with the Finnish software consultancy Reaktor. For its first years the company developed a proprietary CubeSat nanosatellite platform, launching Reaktor Hello World in November 2018 — Finland's first commercially built nanosatellite, carrying a miniaturized NIR hyperspectral imager. Further technology-demonstration CubeSats followed, including W-Cube and Sunstorm in 2021. In September 2021 the company rebranded from Reaktor Space Lab to Kuva Space, shifting its business model from selling satellite hardware to operating its own hyperspectral imaging constellation and selling Earth-observation data and analytics as a service under its Kuva Sense platform. Kuva Space now operates the Hyperfield satellite series: Hyperfield-1 (a 12 kg, 6U CubeSat in 500 km sun-synchronous orbit with a patented tunable VNIR hyperspectral imager covering 475-950 nm at 25 m resolution; HF-1A launched August 2024, HF-1B June 2025) and the larger Hyperfield-2 microsatellite (70 kg, 450-1,650 nm spectral range, 15 m resolution, planned 2026 launch), working toward a constellation of 100 satellites by 2030 for sub-daily global hyperspectral coverage. The company raised a €16.6M Series A in November 2023 and has expanded into the US market, including a NASA contract for commercial satellite data acquisition.

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.

SERVICES

Services

Agricultural Intelligence

Kuva Space provides tailored intelligence for agriculture, including crop identification, yield forecasting, and monitoring for compliance and supply chain management.

Aquaculture Intelligence

Kuva Space offers intelligence for aquaculture, focusing on water quality monitoring, site selection, and biomass growth tracking for sustainable practices.

Automated AI-powered Data Processing

Kuva Space offers automated AI processing of hyperspectral data, cleaning, correcting, and compressing it to meet specific operational requirements.

Environmental and Carbon Monitoring

Kuva Space provides insights for environmental protection and carbon initiatives, including continuous carbon sequestration monitoring and detection of environmental risks.

Planetary Intelligence Platform

Kuva Space provides an intuitive platform that converts hyperspectral imaging data into actionable intelligence for various industries.

Product catalogue

KUVA SPACE

Hyperfield

Hyperfield is Kuva Space's growing constellation of hyperspectral microsatellites that continuously capture scientific-grade Earth observation data to power the Kuva Sense planetar

Imaging modes	Three imaging modes
Planned constellation size (by 2030)	100 satellites
Hyperfield-1 variants	Hyperfield-1A and Hyperfield-1B
Hyperfield-2 launch	Planned for 2026
Hyperfield-2 improvements	Expanded spectral coverage and improved spatial resolution
Applications	Agriculture, aquaculture, carbon, environment, defense, forestry, security

price on request



KUVA SPACE

Kuva Space Hyperspectral Microsatellites (Hyperfield Constellation)

Kuva Space offers a constellation of hyperspectral microsatellites, known as Hyperfield, that continuously capture scientific-grade data on Earth's evolving conditions for various

Constellation size (planned by 2030)	100 satellites
Imaging modes	Three
Ai integration	Integrated into every stage from data capture to delivery
Hyperfield-1 type	First-generation commercial satellites
Hyperfield-2 launch date	Planned for 2026
Hyperfield-2 features	Expanded spectral coverage and improved spatial resolution
Reaktor hello world launch date	Q4 2018

price on request

Contact Kuva 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/reaktor-space-lab/>

<https://kuvaspace.com>