

NEWSPACE MARKET · COMPANY PROFILE



HyperSat

United States · founded 2015 · hypersat.com

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as of 23 August 2026



HyperSat

HyperSat LLC is a McLean, Virginia-based Earth observation company developing the world's first commercial high-resolution hyperspectral imaging constellation — six LEO satellites capturing reflected light across 500 narrow spectral bands to produce proprietary Metadata Hypercubes processed with AI/ML. Founded around 2015, HyperSat holds a NOAA license as the first commercial provider authorized to distribute high-resolution hyperspectral imagery, and was selected by the National Reconnaissance Office in March 2023 under its Commercial Hyperspectral Capabilities for Strategic Commercial Enhancements (CASE) program alongside BlackSky, Orbital Sidekick, Pixxel, Planet, and Xplore. The company raised \$85 million in Series B funding from a consortium led by Incentrum Group. HyperSat serves U.S. government and commercial customers across defense, intelligence, agriculture, energy, mining, and environmental monitoring.

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

Hyperspectral Satellite Imagery and Geospatial Solutions

Hypersat provides hyperspectral satellite imagery and geospatial solutions, offering detailed data for various applications including agriculture, intelligence, and environmental monitoring.

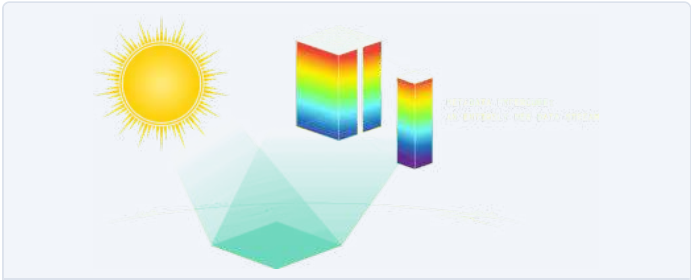
Metadata Hypercube Creation

Hypersat creates Metadata Hypercubes by fusing hyperspectral imagery with other remote sensing data and relevant feeds to provide comprehensive datasets.

Satellite Tasking and Data Distribution

Hypersat provides services related to satellite tasking, collection, processing, and distribution of hyperspectral satellite imagery.

Product catalogue



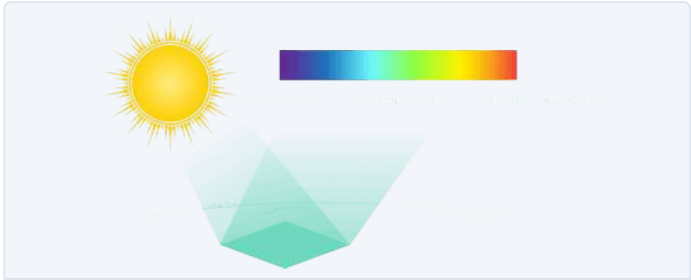
HYPERSAT

HyperSat High-Throughput Data Downlink Architecture

High-throughput optical and RF satellite communications system enabling rapid downlink of large-volume 500-band hyperspectral Metadata Hypercubes from LEO to ground intelligence ne

Platform	Integrated with HyperSat LEO hyperspectral satellites
Purpose	High-volume hyperspectral data downlink
Data product supported	500-band Metadata Hypercubes
System design partners	QinetiQ, Redwire, Millennium Engineering and Integration
Primary customers	NRO, U.S. government agencies, commercial E0 customers

price on request



HYPERSAT

HyperSat Hyperspectral Imaging Constellation

Six-satellite LEO constellation capturing Earth imagery across 500 narrow spectral bands — AI/ML-processed Metadata Hypercubes, 6m GSD, NOAA-licensed. Selected by the NRO under the

Number of satellites	6 (planned full constellation)
Orbit	Low Earth Orbit (LEO)
Spectral bands	500 narrow contiguous bands
Spectral range	Visible through SWIR; LWIR on later satellites
Ground sample distance (GSD)	~6 meters
Noaa licensed resolution (government)	4 meters
Noaa licensed resolution (commercial)	10 meters

price on request

Contact HyperSat

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.

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