

SATELLOGIC

DATA SHEET

HYPERSPECTRAL DATA

Satellogic's hyperspectral cameras collect 25-meter imagery data at an altitude of around 475km. Its 29 visible to near-infrared (460 - 830nm) spectral bands are delivered ortho-rectified and GIS-ready.

IMAGERY SPECIFICATIONS

PRODUCT	HYPERSPECTRAL
Pixel Resolution (GSD) at nadir	25m
Number of Bands	up to 29
Wavelengths	Between 460 and 830 nm 14 to 35 nm FWHM depending on the wavelength
Image Delivery bits/pixel	8 or 16 bits
File Format	GeoTiff
File Compression	LZW lossless data compression
Image Metadata	Included
Projection	UTM/WGS84
Swath Width	125km

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HYPERSPECTRAL DATA

PRODUCT SPECIFICATIONS

IMAGERY PRODUCT	BASIC (Level 1A)
Sensor Correction (Corrected for sensor and optical effects)	✓
Geometric Correction (Projected to UTM/WGS-84)	✓
Ortho-rectified (Corrected for terrain distortions)	✓
Radiometric Correction (TOA Top Of Atmosphere Reflectance)	✓
Value-Added Layers (Vegetation Indices, NDVI, etc.)	Optional
GIS Ready	✓
Delivery	Media, Cloud, API
Applications	Advanced analytics based on radiometric values





