

DATA SHEET

MULTISPECTRAL DATA

Satellogic designs, builds and operates its own fleet of Earth observation satellites to frequently collect affordable high-resolution imagery for decision-making in a broad range of industrial, environmental and government applications.

Satellogic's multispectral cameras collect sub-meter imagery data at an altitude of around 475 km. Its 4 multispectral bands (red, green, blue, near-IR) are delivered ortho-rectified and GIS-ready.

IMAGERY SPECIFICATIONS

PRODUCT	MULTISPECTRAL
Pixel Resolution (GSD) at nadir	0.99 m (native resolution) delivered as 1 m
Number of Bands	4
Wavelengths	Blue: 450 - 510 nm Green: 510 - 580 nm Red: 590 - 690 nm Near-IR: 750 - 900 nm
Image Accuracy	10 m CE90
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	5 km

PRODUCT SPECIFICATIONS

IMAGERY PRODUCT	STANDARD (Level 1)	VISUAL (Level 3)
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)	✓	N/A
Atmospheric Correction (Surface Reflectance)	N/A	N/A
GIS Ready	✓	✓
Bits per Pixel	16 bit	8 bit
Delivery	Media, Cloud, API	Media, Cloud, API
Applications	Advanced analytics based on radiometric values	Basemaps, Visual interpretation, Basic Analytics