



SATELLOGIC

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 |

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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 |

