



THE MOST POWERFUL SENSOR IN ITS CLASS

Sentera 6X Multispectral Sensor delivers science-grade, multi-band and high resolution visual band image products via a streamlined, easy-to-use, data processing workflow.

Features and Benefits

- High-Resolution RGB (20MP)
- Five multispectral bands in each single image
- Real-time multi-layer image registration performed on sensor
- High accuracy spectral data
- Standard analytics performed at field edge
- Optional ambient color correction
- 3 frame per second minimum sustained capture rate
- Seamless integration with Pix4D
- Completely configurable image pipeline
- MAVLink compatible
- Simple integration with most UAS platforms
- Optimal data products for manipulation and distribution

How it Works

The 6X Multispectral Sensor produces a 12-bit TIFF with five registered 3.2 MP monochrome image layers and an 8-bit JPG 20MP RGB image. Each band is co-registered to provide immediate access to data as well as isolated data layers.

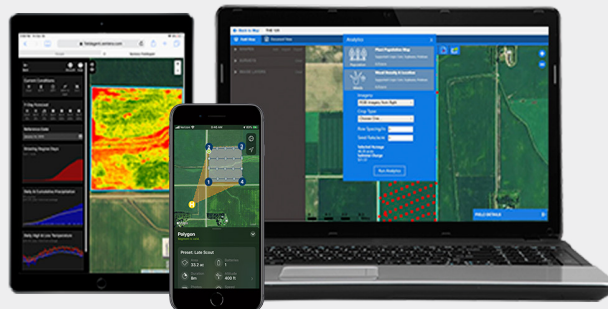
STANDARD FIELDAGENT™ DELIVERY::

Available Spring 2020

With the 6X, users can import and analyze a 20 Megapixel RGB image and a 5-band geo-TIFF at the field edge.

Advanced Analytics include: Stand Count, Weed Mapping, Tassel Count, and the following indices;

- NDVI - *Normalized Difference Vegetative Index*
- NDRE - *Normalized Difference Red Edge*
- GNDVI - *Green Normalized Difference Vegetative Index*
- CIRE* - *Chlorophyll Index Red Edge*
- CIG* - *Chlorophyll Index Green*



Other software indices can include:

- MTCI - *Measure chlorophyll content of vegetation*
- ND12 - *Identify water content in vegetation*
- DCNI* - *Estimate chlorophyll content in plant leaves*
- TCARI* - *Detect stress conditions in vegetation*

Customize your 6X:

- NDVI1 - *Normalized Difference Vegetation Index 1*
- Vlopt1 - *Optimized Vegetation Index 1*
- Vlopt2 - *Optimized Vegetation Index 2*



*Indices require pre-processing



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