The Sentera Quad Sensor, a multi-spectral six-band imager with red edge capabilities, is revolutionizing how crop consultants and seed producers are shaping the future of agriculture.

THE SENTERA QUAD SENSOR

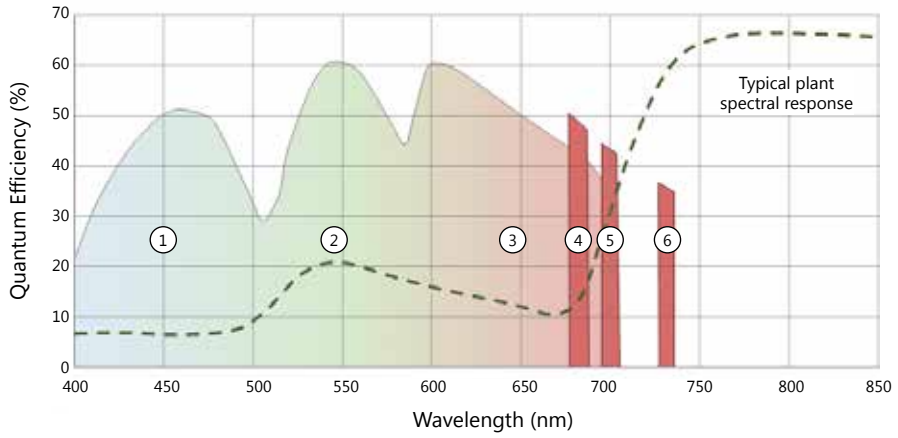
The Sentera Quad Sensor is the lightest-weight, most compact and highest performance multi-spectral sensor available for drones today. This advanced sensor has the capacity to recognize six specific bands of light, as well as measure full-spectrum RGB to generate true color imagery. The Quad Sensor provides deeper insights about crop health and vigor to the agriculture industry.

BENEFITS

- Saves time by capturing full-spectrum RGB imagery and comprehensive red edge data in a single flight
- Enables customized application of fertilizer, pesticides and herbicides, based on data-driven information
- Facilitates the spotting and diagnosing of growth issues
- Compatible with AgVault™ so data can be organized, stored, viewed and shared with a team

THE SENTERA QUAD SENSOR

SIX-BAND IMAGER CONFIGURATION



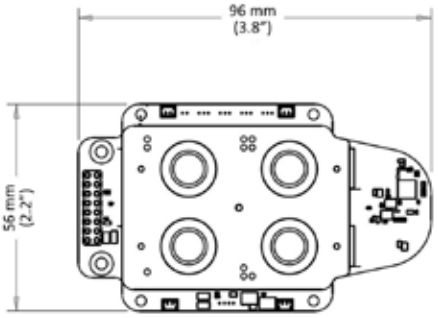
STANDARD CONFIGURATION

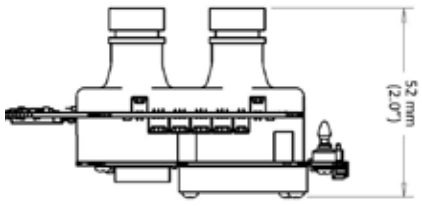
CHAN	SPECTRUM
1	Wideband visible - Blue
2	Wideband visible - Green
3	Wideband visible - Red
4	Narrowband visible - Red
5	Narrowband - Red Edge
6	Narrowband - NIR

SPECIFICATIONS

Sensors	10.5MP CMOS RGB 3X 1.2MP CMOS w/ Global Shutter - Red Edge narrowband (670nm, 700nm & 730nm) - Custom filtering available
Size	56mm x 96mm x 52mm (2.2" x 3.8" x 2.0")
Weight	126 grams
Power	<10W
Image format	JPEG, TIFF, 12-bit RAW
Frame rate	10.5MP Stills: 3fps 1.2MP Stills: 15fps 720p Video: 24fps (30fps option available)
Storage	32GB SD card per sensor - Image format: JPEG - Approximately 18,000 images per card
Field of view	44° HFOV and customizable based on application
Interfaces	Ethernet, Serial/UART
Control	Open ICD for triggering and metadata logging over serial or IP, compatible with - Lockheed Martin Kestrel™ autopilot - PixHawk™ autopilot - MAVLink™ based systems - Customized ICD options available

DIMENSIONS





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Contact us and let's do something amazing!

Sentera, LLC
6636 Cedar Ave South, Ste 250
Minneapolis, MN 55423

+1 (844) SENTERA (844.736.8372)
+1 (888) 511.1029 fax
+1 (612) 204.2000 direct

www.sentera.com
info@sentera.com

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