

PHANTOM™ 4 DOUBLE 4K UPGRADE



The Sentera Double 4K Sensor transforms a Phantom™ 4 Professional, Advanced, or Standard drone into a multi-purpose precision scouting machine. Easy-to-use, this solution allows for capture of multiple data points in a single flight, including NDVI, NDRE, and high-resolution color RGB crop health data.

Together, the state-of-the-art Phantom 4 drone and the configurable Sentera Double 4K Sensor puts a myriad of crop health data points at the fingertips of agronomists, crop consultants and growers.

Double 4K variants include a Multispectral option which captures five precise spectral light bands: blue, green, red, red-edge, and near-infrared (NIR). With your choice of multiple sensor variants, easily use the Phantom 4's stock camera to collect full-color imagery while simultaneously capturing normalized difference vegetation index (NDVI) and normalized difference red edge (NDRE) data - helping you assess inputs to increase profits.

FEATURES & BENEFITS

- Easily QuickTile high-resolution color, NDVI, and NDRE data at the field edge using FieldAgent™ and the respective Double 4K variant
- Seamlessly configure Double 4K Sensor for your unique application
- Efficiently identify crops under stress



Transform a DJI Phantom 4 drone into a multispectral precision scouting tool

PHANTOM™ 4 DOUBLE 4K UPGRADE

SEAMLESS INTEGRATION

We'll do it for you. We will work with any grower, agronomist or consultant to professionally integrate a configured Sentera Double 4K Sensor with a new or existing Phantom 4 Professional, Advanced, or Standard drone, ensuring the solution perfectly fits the need.



Sentera
Double 4K Sensor

+



Existing or new
DJI Phantom 4 Professional,
Advanced, or Standard drone

=



Multispectral precision scouting tool

POPULAR PHANTOM 4 & DOUBLE 4K SENSOR CONFIGURATIONS

Pairing the DJI Phantom 4 drone with our Double 4K Sensor offers you a multitude of data capture options. Complete customization allows you to extract the precise information needed to help determine crop vibrancy.

Data Capture	Double 4K 5-band Multispectral	Double 4K Precision NDVI + Precision NDRE
DJI Phantom RGB	✓	✓
High-resolution Color (RGB)		
Blue	✓	
Green	✓	
Red	✓	✓
Red Edge	✓	✓
Near-infrared (NIR)	✓	✓
Normalized Difference Vegetation Index (NDVI)	✓*	✓
Normalized Difference Vegetation Red Edge (NDRE)	✓	✓

*NDVI for Multispectral Variant generated through orthomosaic

FIELDAGENT™ PLATFORM

Our FieldAgent Platform is a complete agricultural data analytics solution that's with you wherever you are — in the office or in the field. Coupled with a Sentera precision ag sensor, FieldAgent takes you beyond aerial photography into meaningful data products with actual economic value, such as NDVI and NDRE zone analysis, population analysis, weed mapping, and elevation mapping.



FieldAgent Web, Mobile, and Desktop



FieldAgent Mobile iOS



Contact us—let's do something amazing!

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

+1 (844) SENTERA (844.736.8372)
+1 (612) 204.2000 direct

www.sentera.com
info@sentera.com

Phantom is a registered trademark of DJI. Upgrading a Phantom 4 with a Double 4K sensor nullifies DJI's manufacturer warranty.

©2017, 2018 Sentera LLC. All rights reserved.

Lit. 4072B 01/18

**Autonomous flight capability available exclusively for iOS mobile devices.