



PHANTOM™ 4 PRO NDVI UPGRADE



The Sentera NDVI Single Sensor transforms the Phantom™ 4 Pro drone into an easy-to-use precision scouting tool. The NDVI Single Sensor enables a grower to capture NIR imagery and produce NDVI crop maps while retaining the ability to use the Phantom 4 Pro's 20MP sensor, capable of shooting 4K video.

Together, the state-of-the-art Phantom 4 Pro and the Sentera NDVI Single Sensor provide growers with an affordable way to collect near-infrared (NIR), normalized difference vegetation index (NDVI) and high-resolution RGB color imagery simultaneously. With an endurance of 30 minutes, 1-inch 20MP camera and a standard 5-direction obstacle sensing system, the Phantom 4 Pro allows growers to confidently and systematically collect precise crop health data and make informed input decisions.

FEATURES & BENEFITS

- Seamlessly retain the Phantom 4 Pro camera functionality while collecting NIR imagery and producing NDVI maps
- Easily identify crops under stress
- Quickly focus inputs while maximizing outputs
- Confidently fly with standard 5-direction obstacle sensing system
- Seamlessly leverage FieldAgent™ software so data can be viewed at the field edge and immediate action can be taken



Transform a DJI Phantom 4 Pro into a precision scouting tool

PHANTOM™ 4 PRO NDVI UPGRADE

COMPLETE AGRICULTURE SOLUTION

We'll do it for you. We will work with any grower, agronomist or consultant to professionally integrate a Sentera NDVI Single Sensor with a new or existing Phantom 4 Pro drone, putting a highly reliable, intuitive, and affordable crop-scouting tool in your hands.



Sentera NDVI Single Sensor

+



Existing or new
DJI Phantom 4 Pro drone

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Precision scouting tool

SEAMLESS INTEGRATION

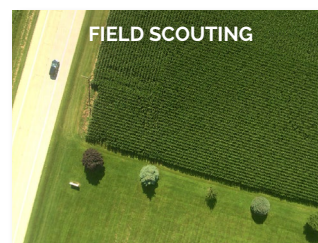
Sentera integrates its High Precision Single Sensor onto the Phantom 4 Pro platform without modifying the existing DJI stock camera, so users can capture beautiful, high-resolution color imagery while simultaneously collecting precise near-infrared (NIR) and normalized difference vegetation index (NDVI) or normalized difference red edge (NDRE) data — all in a single flight!



Sentera NDVI Single Sensor



NDVI + CROP HEALTH

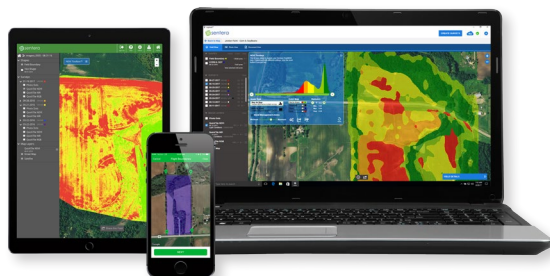


FIELD SCOUTING

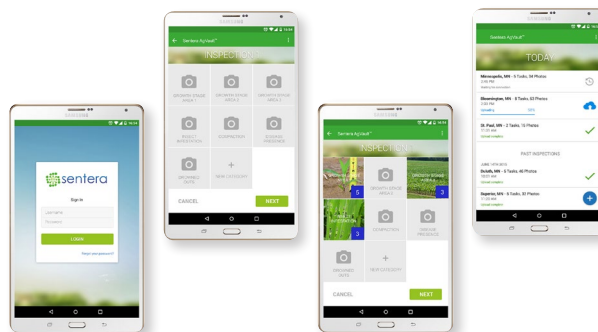
Examples of imagery output from the Sentera NDVI Single Sensor

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™ desktop software



FieldAgent™ Mobile iOS mobile devices



Contact us—let's do something amazing!

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

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*Autonomous flight capability available exclusively for iOS mobile devices.

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