

# PHANTOM PRO 4 + NDVI SINGLE SENSOR



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.

## VERSATILE

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

- 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

ADVANCING PRECISION AGRICULTURE

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## Complete Agricultural 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 highly reliable, intuitive, and affordable crop-scouting tool in your hands.



Sentera Single Sensor



Existing or new DJI PHantom 4 Pro drone



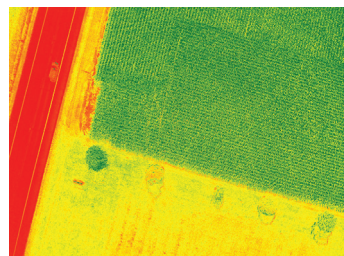
Precision scouting tool

## 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



Examples of imagery output from the Sentera NDVI Single Sensor

## Coverage & GSD Table

Map Type:	200'	400'
Coverage - Quicktile	115 Acres	230 Acres
Coverage - Mosaic	40 Acres	80 Acres
Mavic 2 Pro GSD	0.7" (1.8 cm)	1.4" (3.6 cm)
Sentera Single GSD	2.2" (5.5 cm)	4.3" (11.0 cm)