INCIDENT LIGHT SENSOR

An Incident Light Sensor improves the accuracy of normalized difference vegetation index (NDVI) data, correcting for cloud cover or other variations in lighting.

Sentera's Incident Light Sensor compensates for variations in sunlight of normalized difference vegetation index data to offer agronomists, crop consultants, and growers a better assessment of crop health.

The sensor corrects common variances including shifting clouds, haze, and fluctuating solar intensity. Normalizing these deviations helps users more accurately identify stressed, or troubled areas of a field, allowing them to make instant and accurate input decisions. Users can confidently compare crop health from day-to-day or hour-to-hour.
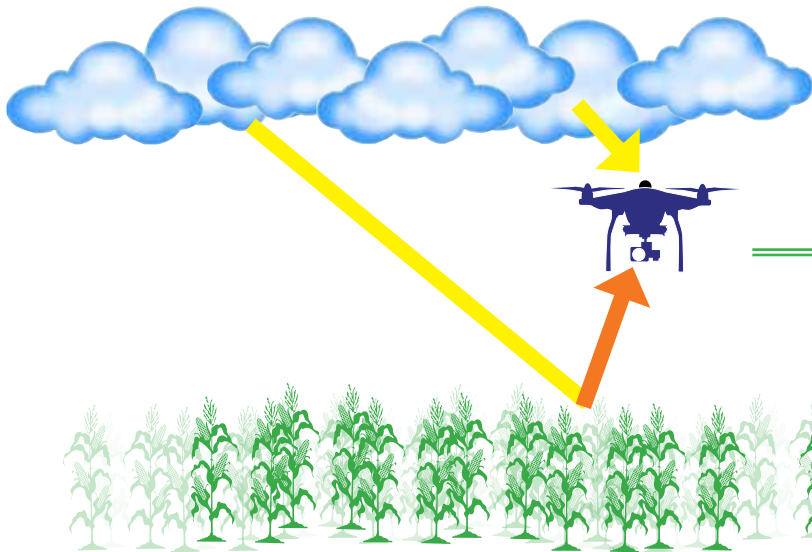
The Incident Light Sensor is easily installed on a new or existing DJI Phantom 4 or 3 drone
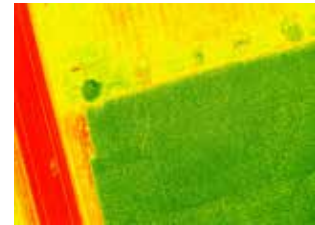
FEATURES & BENEFITS

- Seamlessly improves the accuracy lighting of NDVI data, normalizing imagery regardless of cloud cover or timing
- Precisely calculates true change in plant health
- Compare NDVI data collected over time
- Effortlessly leverage AgVault™ so data can be viewed at the field edge, where immediate action can be taken

CONSISTENT NDVI DATA

Sentera's Incident Light Sensor enables consistent NDVI data collection, correcting for changes in lighting conditions.

Incident Light Sensor improves
NDVI data accuracy

SEAMLESS INTEGRATION

Easily install the Incident Light Sensor on your previously NDVI-Upgraded DJI Phantom 4 or Phantom 3 Professional or Advanced drone. If purchasing a new Phantom 4, we will work with any user to professionally integrate a Sentera Incident Light Sensor onto a newly NDVI-upgraded Phantom 4 Pro drone.

Sentera Incident Light Sensor

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Existing or new DJI Phantom
Drone + NDVI Upgrade

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Precision scouting tool

SENTERA AGVAULT™ SOFTWARE

AgVault™ software unlocks the value of your data. Create shapefiles, QuickTile™ maps, organize, store, view, annotate and share images with teams and partners, expanding the circle of impact. You can even fly several DJI drones using your iOS device and AgVault Mobile. AgVault software is compatible with all popular agricultural analytic tools, creating a seamless flow of imagery and data from capture to detailed analysis.

Sentera AgVault desktop software

sentera

Upgrading a Phantom with an Incident Light Sensor nullifies DJI's manufacturer warranty.
*Autonomous flight capability available exclusively for iOS mobile devices.

Contattaci - facciamo qualcosa di incredibile!

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