

Sequoia: the multi-band sensor designed for agriculture

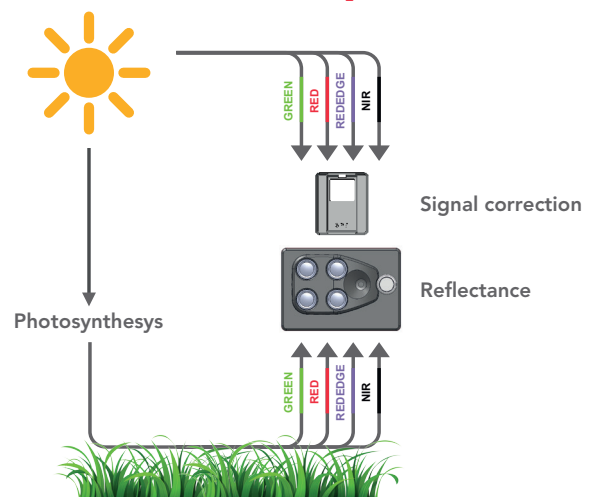
Featuring excellent precision, flexible integration, and small size and weight, the Sequoia sensor is designed to fit all types of drones*: fixed wing and multi-rotor drones, with or without gimbals.



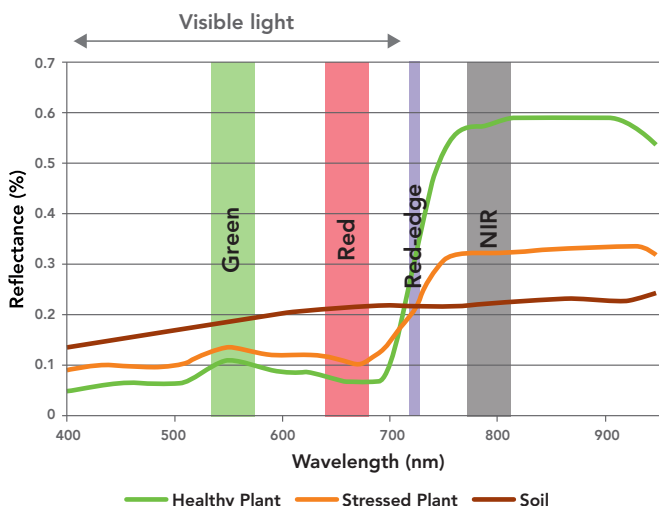
Key Features

- Multispectral camera for agriculture
- Self-calibrated using the Sunshine sensor
- RGB camera 16 Mpx for scouting
- High photo rate (1 picture per second)
- Independent from the drone
- Standard protocol (PTP) for communication with drones
- USB powered

Concept

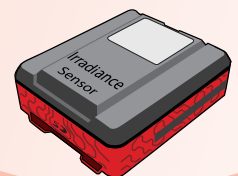
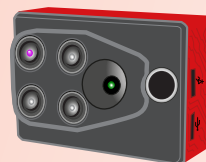


Green Vegetation Reflectance



* See the list on www.parrot.com

General Specification



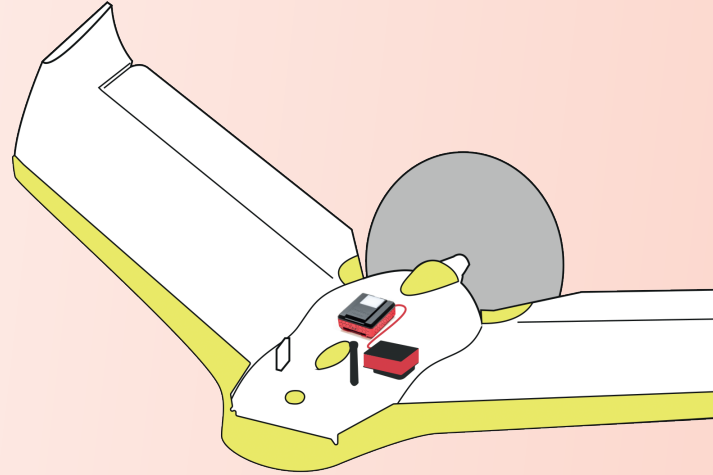
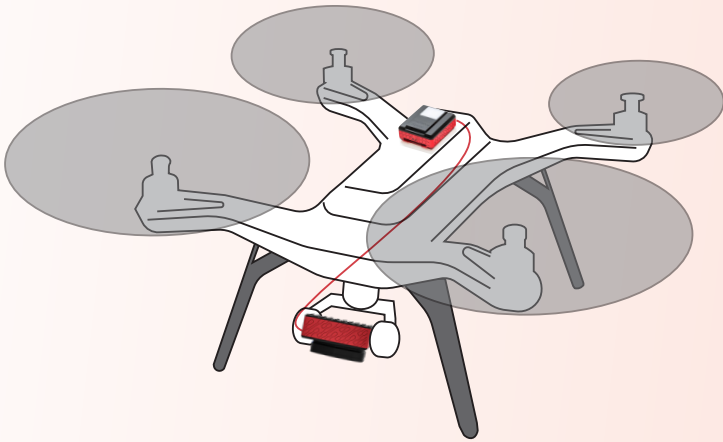
Body

- 4 spectral cameras 1.2 Mpx
- 10 bits Global shutter
- Up to 1 FPS
- RGB Camera 16 Mpx Rolling shutter
- Configuration over Wi-Fi
- IMU + Magnetometer
- 64 GB
- 5W (~12W peak)
- 72g

Sunshine sensor

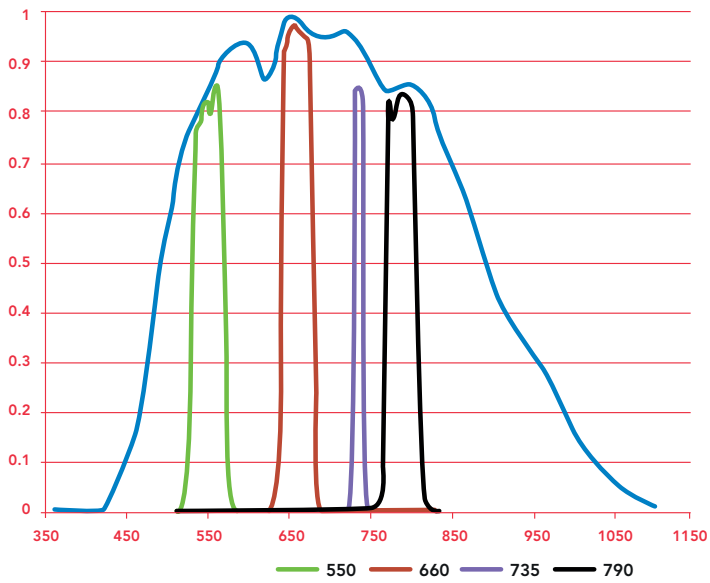
- 4 spectral sensors with the same filters as the body
- GPS
- IMU + Magnetometer
- SD Card
- 1W
- 35g

Fits on various drones

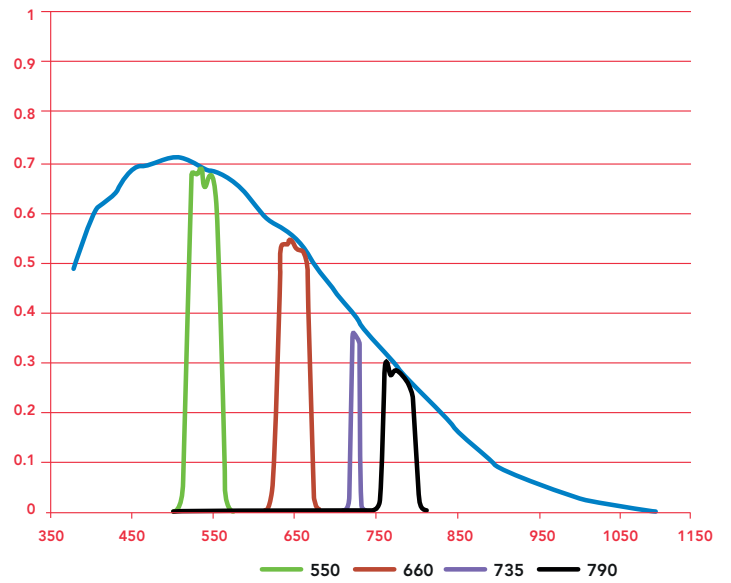


Sensitivity

Sunshine sensor



Body



Form Factor

