

Parrot Sequoia

The Parrot Sequoia is the smallest, lightest multispectral drone sensor released to date. It captures images of crops across four highly defined, visible and non-visible spectral bands, plus RGB imagery, in just one flight.

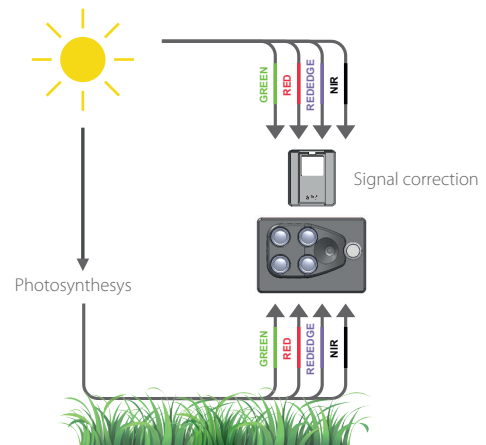
Sequoia is immediately compatible with the eBee SQ agricultural drone and the eBee/eBee Ag via senseFly's proprietary Integration Kit (see overleaf).



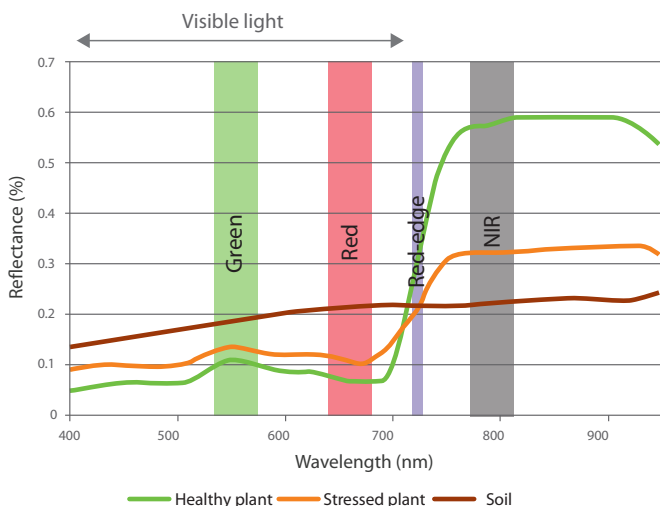
Key features

- Four 1.2 MP sensors (near-infrared, red-edge, red and green) + one 16 MP RGB sensor = multispectral + RGB imagery from just one flight
- Upward-facing Sunshine Sensor
For accurate imagery, whatever the light conditions
- Customised data capture
Choose full or half resolution multispectral imagery
Capture multispectral data, RGB or both
- Seamless integration
Full eMotion Ag support when planning flight
Compatible with eBee SQ out of the box
Easy to install Integration Kit for eBee/eBee Ag (see overleaf)

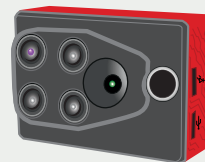
Concept



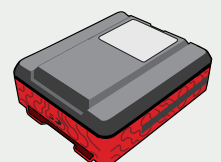
Green vegetation reflectance



Sequoia in detail



Main body



Sunshine Sensor

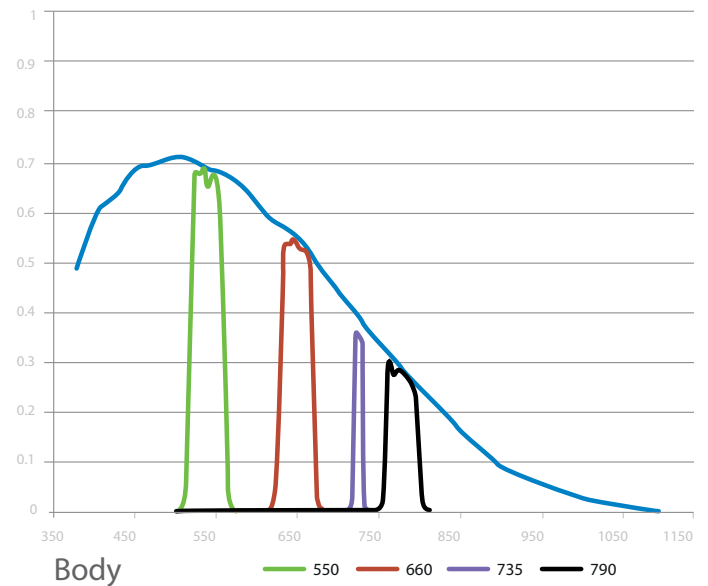
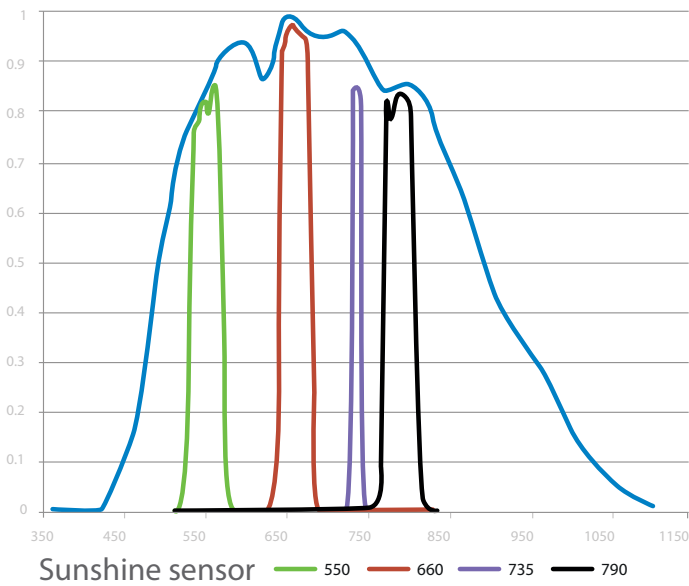
- Four 1.2 MP spectral cameras
- Up to 1 fps
- One 16 MP RGB camera with rolling shutter
- IMU & magnetometer
- Configuration over Wi-Fi
- 64 GB built-in storage
- 5 W (~12 W peak)
- 72 g (2.5 oz)

- 4 spectral sensors with same filters as body
- GPS
- IMU & magnetometer
- SD card
- 1 W
- 35 g (1.2 oz)

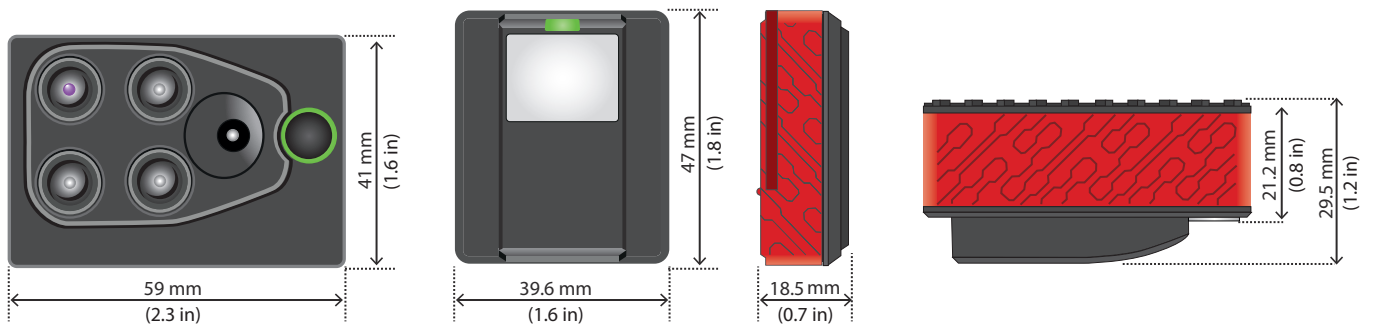
eBee Integration Kit*



Sensitivity



Form factor



* Required to use Parrot Sequoia with eBee & eBee Ag drones.

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