Capture the invisible
Capture the invisible
The Sequoia multispectral sensor captures both visible and invisible images, providing calibrated data to optimally monitor the health and vigor of your crops. Sequoia captures calibrated wavelength, Green, Red, Red-Edge and Near Infrared to highlight the health of plants.

- **Identify problem areas in a field**
  that need attention and further scouting

- **Refine fertilization**
  by detecting nutrient deficiencies symptoms

- **Optimize pesticide input**
  through early detection of biotic stress

- **Control crop irrigation**
  by identifying areas where water stress is suspected

- **Estimate crop yield**
  by processing and exploiting agronomic indices
The most accurate multispectral imagery

The multispectral sensor
A synchronous, global shutter drone sensor with four bands and an RGB camera for the ultimate in multispectral accuracy.

- **Red** 1.2 Mpx
- **Green** 1.2 Mpx
- **Red edge** 1.2 Mpx
- **Near infrared** 1.2 Mpx
- **Lens protector** strong and durable
- **RGB camera** 16 Mpx
- **Internal storage** 64 GB = 10 flights recording capacity
- **Easy and fast access** via WiFi and USB
- **Multispectral sensor**
- **72 g / 2.5 oz**

Internal storage
64 GB = 10 flights recording capacity

Easy and fast access
via WiFi and USB

Lens protector
strong and durable

RGB camera
16 Mpx

Near infrared
1.2 Mpx

Red edge
1.2 Mpx

Green
1.2 Mpx

Red
1.2 Mpx

Multispectral sensor

72 g / 2.5 oz
The sunshine sensor
A fully-integrated sunshine sensor captures and logs the current lighting conditions and automatically calibrates outputs of the camera so measurements are absolute.

GPS & IMU
The best geo-tagging technology for optimum mapping accuracy

Additional storage thanks to SD card slot

36 g / 1.3 oz

Sunshine sensor
Designed for every drone*

With long endurance and significant speed, fixed-wings are perfect to cover large fields.

Flying at a lower altitude and speed, multi-rotor drones offer great practicability and a better accuracy over small fields and individual fields.

Sequoia can be easily integrated into both kinds of drones: fixed-wing and multi-rotor.

* Please check compatibility of Sequoia with your drone on www.parrot.com

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Where to buy Sequoia?
Different options for different needs:

Sequoia + the eBee Ag drone

*Used by farmers and consultants worldwide, the highly durable and fully automatic eBee Ag is the next logical step in your operation’s evolution.*
- Fully compatible with Sequoia.
- Cover more acres, more easily.
- Drone-to-tractor workflow.
- Ultra-light for maximum safety.
- Backed by senseFly’s global support network.

**A Proven Performer:**
200,000+ senseFly flights to date
58,000+ flight hours...

Sequoia + the mapping by Pix4Dmapper

*Capture information not visible to the naked eye, with the unique integration of Pix4Dmapper and Sequoia. Generate index maps, like NDVI, and orthomosaics for digital scouting and analytics: all from one flight.*

**Local Processing:**
stay independent, process where and when you want

**Index Calculator:**
from the reflectance map, generate NDVIs or your own index maps, then classify for better interpretation

**Integration:**
export maps for Ag software or machinery in industry-standard formats

Sequoia + the cloud solution – Altas™

*MicaSense ATLAS™: a complete solution for processing, storage, presentation, and analysis of your multispectral data.*

**Intuitive interface**
simplifies data management for all your farms and fields.

**Automatic cloud service**
lets you to focus on your fields, not on processing raw data.

**Identify changes over time**
with specialized visualization tools.

**Scout your way to problem areas**
using any connected device.

**Secure servers and support**
team based in North America (Seattle, WA - USA).

Sequoia + the fertilization prescriptions*

*Airinov can help you turn your Sequoia and drone into a real farm management tool, truly useful. No need to be a GIS expert nor a software developer, everything happens on the Internet on our farmer-friendly platform synchronized with a smartphone app.*

Airinov support you from the first steps of flight logistics, through to agronomy interpretation and up to the final integration of the map into your tractor guiding system.

Have a try with your free trial coupon included with any Sequoia you buy.

*Check of the list of countries and crops available on www.airinov.fr*
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