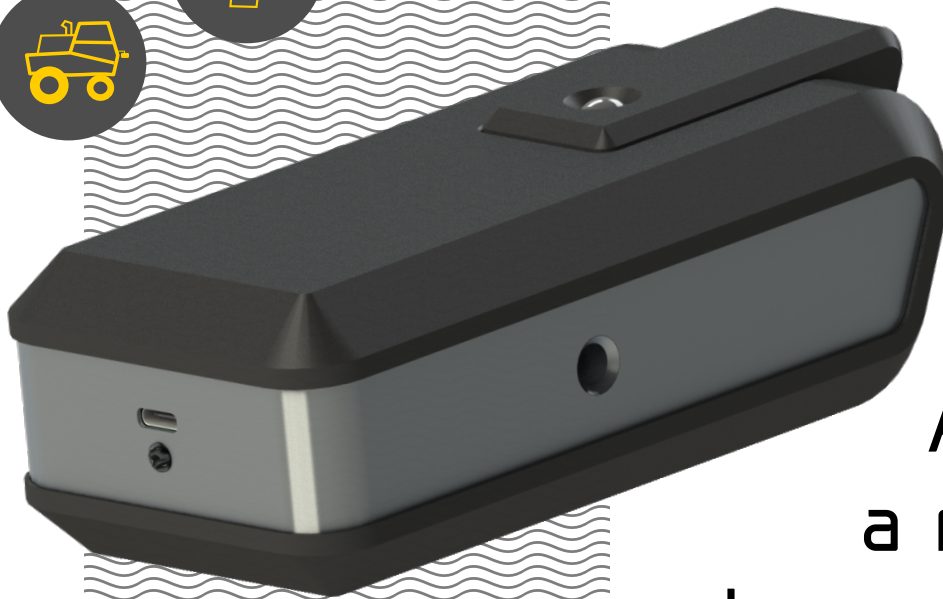


AQiT-Sensor

By Carbon Bee

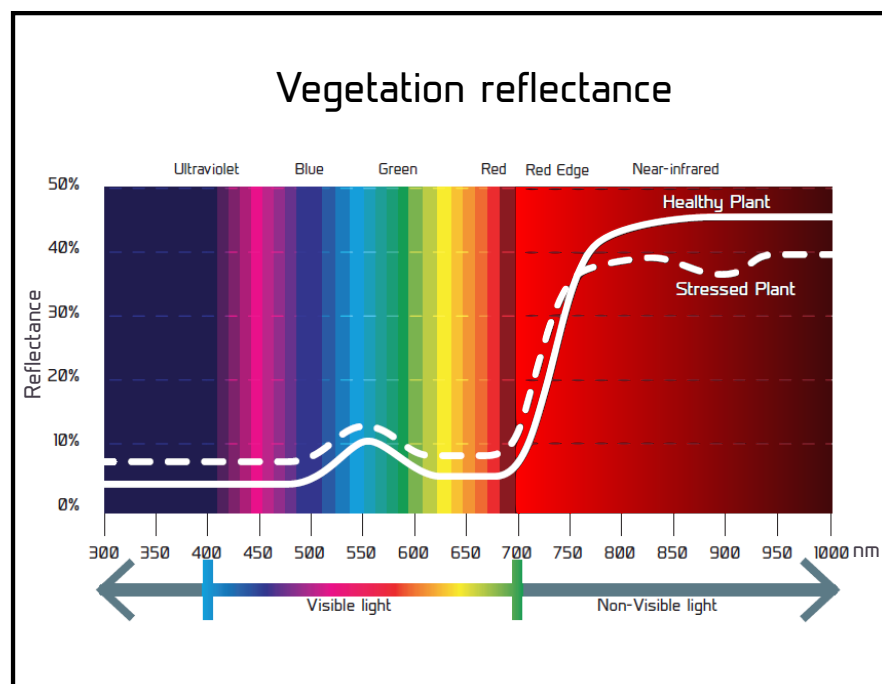
Precision for the vegetal world



AQiT-Sensor is a new generation hyperspectral sensor

It captures light in visible and Near Infra-Red bands with cutting-edge accuracy to analyze vegetal health with patent-pending technology.

- **Get the best data** to enable your expertise
- **Save time:** includes an all-in-one High-Performance Computing station to manage and process the data.
- **Use the drone you like:** autonomous, lightweight, can be mounted on any drone or agriculture machine.
- **Robust design** to work in tough environment
- **Stay up to date:** provided with support services to ensure the best performances



Features

AQiT-Sensor is a complete accurate hyperspectral imaging solution dedicated to vegetal applications.

Autonomous sensor : hardened storage, embedded GPS, smart electronic stabilization, rechargeable battery, Wifi AP with web interface, ready for mechanical integration.

Portable High Performance Computing station : embedded screen, Rackable Hard Drive, USB3,

Smooth data management and storage, on-site coverage preview,

Data exports : raw hyperspectral files (ENVI, BIL), or selected bands with custom width. Compatibility with standard format files (BIL, JPEG/ EXIF, TIFF).

Business model

- AQiT-Sensor is shipped with 1 sensor, and a portable High-Performance Computing station.
- Fix pricing including 2 years of maintenance contract, or renting on a monthly base.
- Maintenance contract includes: technical support, access to firmware and hardware updates..

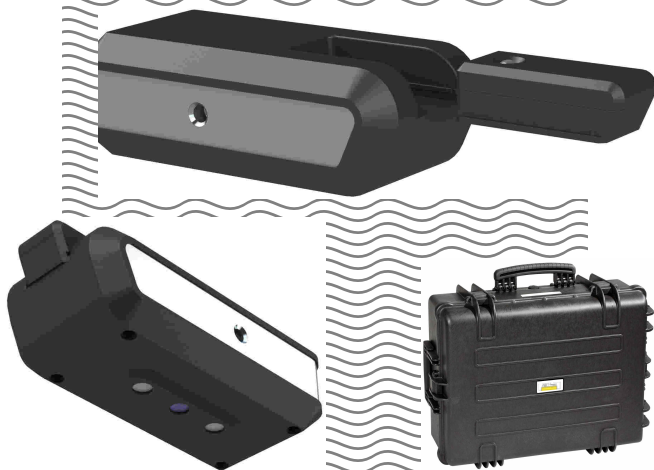
Use Cases

Disease and stress detection for vineyards,
Vegetable production decision making tool,
Urban farming,
Automated phenotyping.

AQiT-Map : complementary data processing solution

Dedicated processing services based on Artificial Intelligence.

More information on demand



Performances



- High-resolution : 3240x2464 pixels
- 256 bands, from 300 to 1000 nm
- 300 g, depending on battery (TBC)
- Dimensions: 160x55x78mm

Carbon Bee SAS

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