



CropScout

Crop Care on Autopilot

Continuous Crop Monitoring
for Maximum Yield



CropScout helps you



Continuous monitoring
throughout the growth cycle



Early detection of issues
and abnormalities



Precise diagnostics of
plant health issues

Seamless Crop Management Process through a Fully Integrated System

1.

Drone collects
high-resolution imagery
across the greenhouse



- ✓ Autonomous unmanned missions
- ✓ Indoor self-navigation without GPS
- ✓ No installation infrastructure required

2.

Smart AI image
processing detects
health issues



- ✓ Real-time detection and alerts
- ✓ Detection of common health issues
- ✓ Works on variety of plants and crops

3.

Growers uses a handheld
device to check plants
with health concerns



- ✓ Accurate portable NIR Spectrometer
- ✓ Non-destructive analysis of key nutrients
- ✓ On-site instant results, even without internet connection

4.

Image and spectrometer
data are automatically
stored on the cloud



- ✓ Centralized platform for data and insights
- ✓ Visual dashboards for reporting and analysis
- ✓ Remote access to historical data

Used for a wide range of high-value crops



Fruits



Vegetables



Herbs



Cannabis

Experience immediate benefits



Reduced Risk of Crop Loss

Real-time results and alerts enable early detection of plant health issues to prevent large-scale crop failures.



Optimized Resource Use

Make efficient use of water, nutrients, and energy based on precise, data-driven insights.



Increased Yield and Quality

Continuous monitoring ensures maintaining optimal growing conditions to enhance yield and product quality.



Maximized Labor Efficiency

Unmanned autonomous missions eliminate manual checks, allowing workers to focus on higher-value tasks.

Plug & Play Solution for Any Greenhouse Size



Affordable Implementation

Minimal upfront investment, making advanced crop monitoring accessible to all growers.



Autonomous Operation

The drone is self-charging, reducing manual intervention and ensuring continuous monitoring.



No Installation Required

Quick deployment without complex infrastructure, adaptable to greenhouses of various scales.



User-Friendly Setup

Start monitoring your greenhouse easily, with an intuitive setup suitable for any operation size.



Ready to Advance Your Greenhouse Operations?

Contact us

