



SENTERA PHX UAV



The Sentera PHX combines the reliability, precision and convenience needed for efficient business operations. Offered in three configurations, the PHX Pro, Pro RTK, and LE fixed-wing UAV platforms deliver precise, actionable data.

Your operation requires the highest precision, endurance, versatility, reliability and ease of use—and that's exactly why Sentera developed the PHX fixed-wing drone. The hand-launched PHX incorporates an intuitive autopilot, requiring no previous remote control skills. Offered in three configurations, the PHX Pro is ideal for agriculture or mapping operations, the Pro RTK is perfect for precision mapping and volumetric applications, and the PHX LE is optimal for public safety missions.

Payload options include high-resolution mapping, RGB, normalized difference vegetation index (NDVI), normalized difference vegetation red edge (NDRE) imagery, and thermal sensors. The PHX is the perfect fit for a variety of industries.

FEATURES & BENEFITS

- Three available models: PHX Pro, Pro RTK, & LE
- Highly reliable, easy-to-use, flight control system
- Easy hand-launch + precision landing capability
- Up to 1 hour of endurance for expansive land coverage in a single flight
- RTK-enhanced GPS available
- Easy field assembly without tools
- Compact case for easy storage and transport
- Built to withstand rugged conditions

EASY-TO-USE FLIGHT SOFTWARE



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PAYLOAD SOLUTIONS

The PHX is a highly versatile drone which accepts multiple sensors, ensuring every application has a perfect imagery solution.



Double 4K Ag Sensor
Capture RGB + NDVI or NDRE, in one flight, or high-resolution orthomaps with RGB or LiveNDVI video



Dual-band RTK Sensor
L1/L2, multi-constellation RTK delivers sub5cm and better accuracy on orthomosaics & 3D products



Quad Sensor
Advanced customizable multispectral indices including weed detection



Thermal Sensor
True temperature imagery, mapping and video

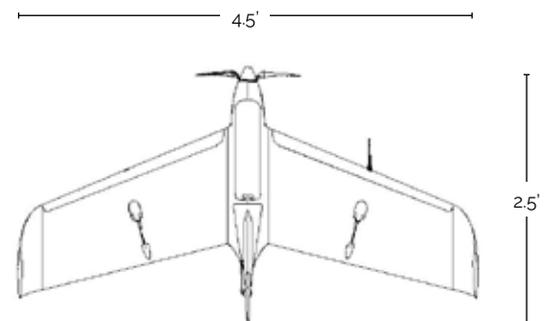
FIELDAGENT WEB, MOBILE + DESKTOP SOLUTIONS

FieldAgent web, mobile and desktop software works seamlessly with the PHX and Sentera's suite of precision sensors. After flying a field or inspecting an asset, FieldAgent leverage the hyper-precise data to offer real-time insights in the field as well as the ability to export data into popular analytics tools for even more insights.



PERFORMANCE SPECIFICATIONS

Gross takeoff weight	4.2 lbs (1.9 kg)
Wingspan	4.5 ft (1.4 m)
Length	2.5 ft (0.76 m)
Cruise speed	35 mph (30 kts)
Max speed	45 mph (40 kts)
Wind limitations	Up to 28 mph (24 kts) winds aloft
Control range	Up to 1 mile (1.6 km) visual line of sight
Endurance	Up to 59 minutes
Climb rate	1,000 ft/min
Typical operating altitude	< 400 ft above ground level (AGL)
Maximum operating altitude	18,000 ft above mean sea level (MSL)
Payloads	Compatible with many precision payloads



Contact us—let's do something amazing!

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