

# PHX

*Scout More Acres and Capture More Data*

With the PHX fixed-wing drone system from Sentera, effortlessly cover more acres with fewer resources, bringing accuracy and time savings to the field. Easily connect the Sentera Double 4K sensor of choice and seamlessly integrate data with FieldAgent® to validate performance and outcomes.



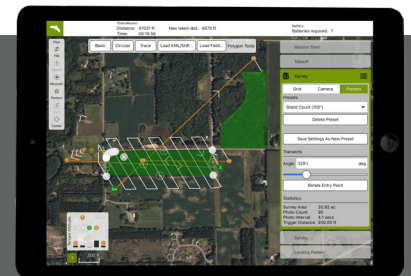
## *Faster Data Collection, More Precise Analytics*

Capture high-resolution imagery with the Sentera PHX + Double 4K Sensor for key analytics:

- Canopy Area
- Crop Health
- Residue Cover
- Tassel Count
- Crop Area
- Flowering
- Stand Count
- Weeds Detection

### Key Specifications of the PHX Fixed-Wing Drone:

|                              |  |
|------------------------------|--|
| Aircraft Weight (No Payload) | 4.2 lbs (1.9 kg)   |
| Maximum Gross Takeoff Weight | 4.8 lbs (2.2 kg)   |
| Wingspan                     | 4.5 ft (1.4 m)   |
| Cruise Speed                 | 35 mph (15.5 m/s)  |
| Max Speed                    | 55 mph (24.4 m/s)  |
| Wind Limit                   | Up to 28 mph (12.5 m/s) winds aloft  |
| Control Range                | Up to 2 miles (3.2 km) visual line of sight                                |
| Endurance                    | Up to 59 minutes   |
| Typical Operating Altitude   | < 400 ft above ground level (AGL)  |
| Maximum Operating Altitude   | 18,000 ft above sea level (MSL)  |
| Payloads                     | Sentera Double 4K & MAVlink capable sensors                                |
| Communication                | MAVlink  |
| Battery                      | PHX Smart Battery 11.1V 900mAh LiPo  |
| I/O                          | UART, Ethernet, VBatt, 5V  |
| Video Capture                | Live HD Video  |
| Flight Controller            | Sentera Senthawk Autopilot with Sentera Custom PX4 Flight Control Software |



## FLY PHX

Flying made easy with the Fly PHX App!

Plan, manage and execute flights from your iPad or Windows Device.



**Download Now!**