

# AgEagle RX48 UAV



The All New

## AgEagle RX48

The economical fixed wing solution for precision agriculture.

- **No internet required to operate.**
- **Create missions easily and quickly.**
- **No launcher required.**
- **Botlink NIRX image processing eliminates cloud shadow issues.**
- **Flies in wind conditions that hamper popular hobby type quad copters.**
- **Cover more acres for less cost and in less time.**
- **True NIR images from the Sentera NDVI Single Sensor.**
- **Durable composite construction with hardened points for longevity and reliability.**
- **Designed and built right here in America.**

The RX48 was designed to cover at least 250 acres per flight in less than perfect conditions, plus the RX48 will gather accurate images for crop scouting and the creation of accurate prescription maps. The RX48 can do this at a price that is thousands LESS than other professional fixed wings.

Three of the most recognized names in professional UAV development joined together to create the new RX48 UAV:

- ✓ Flight Platform by **AgEagle**
- ✓ Flight Management and Image Processing by **Botlink**
- ✓ NIR Sensor by **Sentera**

**To order or for more details: Website - [www.ageagle.com](http://www.ageagle.com) Office - 620-325-2626**



# AgEagle RX48

## Specifications

<b>Manufacturer</b>	
Manufacturer	AgEagle Aerial Systems, Inc. 117 S. 4th St. Neodesha, KS 66757 USA www.ageagle.com
<b>UAV Description</b>	
Composition	Composite/EPP/Carbon Fiber Rod
Measurements	Wingspan: 47" (120 cm)
Weight	Max Gross T.O.: 4.4 lb (2 kg)
Fuel/Energy System	Single Li-Po, 6600 mAh; 14.8V; 10C; 4 Cell
Take-Off Method	Manual
Landing Method	Belly Landing
Flight Performance	Operating Airspeed: 31-36 mph (13.8-16 m/s) Endurance: Up to 50 mins. w/ Std. Batteries
<b>Operating Limitations</b>	
Maximum Operating Temperatures	32°- 100°F (0°- 38°C)
Maximum Recommended Wind	30 MPH (13.4 m/s)
Coverage	250-300 acres (Depending on battery condition, winds, overlap parameters, altitude and other environmental factors)
Endurance	Up to 50 minutes with standard batteries (Depending on battery condition, winds, overlap parameters, altitude and other environmental factors)
<b>Control Station</b>	
Control Method	Pre-Programmed Autopilot Autoland
<b>Communications</b>	
C2/Data Bands & Frequencies	915 MHz Telemetry
Payload	Sentera Single NIR
Dangerous Payload	Li-Po Batteries
Primary Mission	Aerial Photography

Note: Due to changes in technology, some specifications may change without notification.