
ScanEagle[®]3



Insitu's newest unmanned platform builds upon our 25 years of experience and innovation to deliver best-in-class endurance and payload capacity for small unmanned aerial systems.

Since 1994, Insitu has pioneered in the field of small UAS to collect, process and distribute information in support of critical decisions. ScanEagle3 was designed for both commercial and defense operations from the start, and bridges the gap between our legendary ScanEagle and industry-leading Integrator UAS.

Why ScanEagle3? Glad you asked.

More Payload

ScanEagle3's innovative design doubles the aircraft's payload capacity and is compatible with existing ScanEagle payloads, providing an easy path to upgrading your capabilities.

Increased Flexibility

ScanEagle3 is a commercial product free of International Traffic in Arms Regulations (ITAR) in its baseline configuration, and was developed for FAA type certification in the U.S. National Airspace System.

Long Endurance

Capitalizing on the heritage of the ScanEagle product line and its more than one million hours of operations around the world, the aircraft features a new purpose-built propulsion system that accommodates more payload weight without compromising endurance.

Welcome to the family

ScanEagle3 is compatible with the entire portfolio of Insitu capabilities, meaning you can choose the right aircraft for the job without the need for additional hardware or software.



What ScanEagle3 Offers

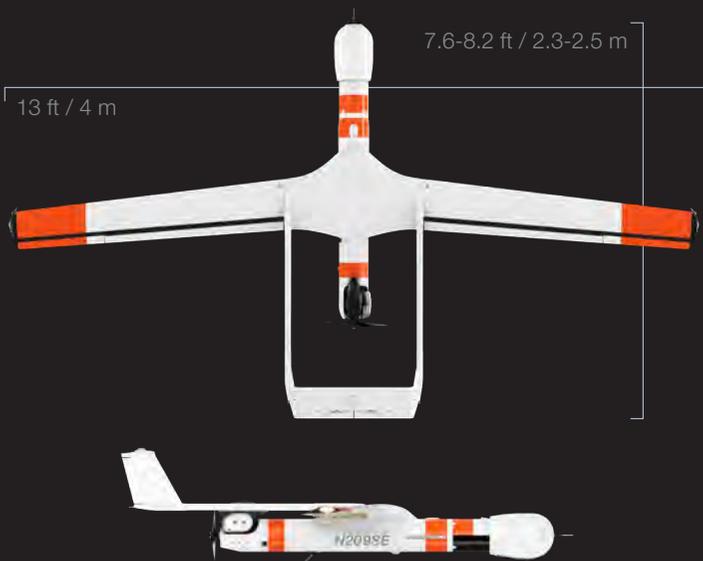
Better Information

With its larger payload capacity, ScanEagle3 can carry multiple payloads simultaneously, letting you collect and analyze more data in a single flight.

Air Vehicle Innovation

ScanEagle3 has adjustable wings that can be moved to alter the aircraft's center of gravity for rapid payload integration in the field. Other enhancements include an updated avionics architecture to simplify payload integration and allow common software across all Insitu platforms and a new purpose-built propulsion system that increases reliability while reducing life cycle costs.

Specifications



Size, Weight and Power

- + Length: 7.6-8.2 ft / 2.3-2.5 m
- + Wingspan: 13 ft / 4 m
- + Gross takeoff weight: 80 lb / 36.3 kg
- + Max payload weight: 20 lb / 9.1 kg
- + On-board power: 170+ W for payload

Sensor and Data Options

- + C2 datalink: encrypted, unencrypted
- + Video datalink: digital-encrypted
- + Turret: EO, EO900 (EO camera and EO telescope), MWIR, Dual Imager (EO and MWIR)

Performance

- + Endurance: up to 18 hours
- + Ceiling: 20,000 ft / 6,096 m
- + Max horizontal speed: 80 knots / 41.2 m/s
- + Cruise speed: 40-50 knots / 20.6-25.7 m/s
- + Engine: heavy fuel (JP-5/JP-8)

To learn more about how Insitu can help you and your organization accomplish your goals, please contact us at solutions@insitu.com.

Decision-making
superiority delivered

