

UNMANNED AIRCRAFT SYSTEMS



As the industry-leading UAS that invented the agile ISR category, ScanEagle has redefined ISR services for Group 2, long-endurance UAS. ScanEagle provides superior operational capability and reliability, with advanced payload options and rapid payload integration.

KEY BENEFITS & FEATURES

ISR persistence and quality

ScanEagle provides persistent daytime and nighttime intelligence, surveillance and reconnaissance (ISR) in some of the most extreme environments in the world. Digital full motion video (FMV) provides the highest available ground resolution.

Performance

Our propulsion system powered by heavy fuel increases endurance without compromising payload weight.

Communication security

ScanEagle's air-to-ground systems deliver stable communications up to 55 nm from a ground control station. Encrypted digital video and command and control data links offer increased ISR security.

Robust navigation

Open-architecture ground control station and advanced avionics increase operational capability, safety, and reliability.

Payload flexibility

Field-swappable payloads can be rapidly reconfigured to support a wide range of missions—electronic warfare, ISR, comms relay, overwatch and targeting.

Affordability

ScanEagle maximizes commonality with Insitu systems, reducing life-cycle and training costs. Our nearly two decades of training and supporting ScanEagle customers ensures efficiency and success.

Proven experience

ScanEagle is the most tried and tested platform in the Insitu family. It has been deployed worldwide since 2004 with international defense, government and commercial customers with the most demanding mission requirements, and has proven its reliability as a go-to solution.



1.3 MILLION
FLIGHT HOURS

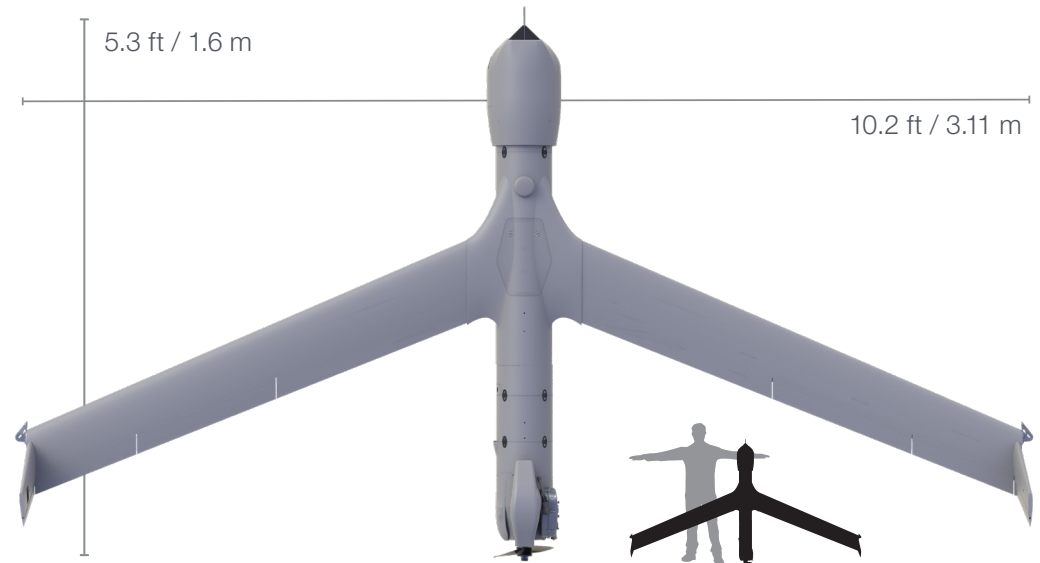
50
GLOBAL SITES
OF OPERATION

MODULAR
FAMILY OF
SYSTEMS

SERVICES,
ACQUISITION
AND FMS



SPECIFICATIONS



ScanEagle Experience

3,000
airplanes
produced

140,000
land and maritime
sorties

99% mission
readiness rate with
Insitu services

U.S. Department
of Defense
Program of Record

SIZE, WEIGHT AND POWER

- Max takeoff weight: 58 lb / 26.5 kg*
- Max payload weight: 11 lb / 5 kg
- On-board power: up to 150 W for payload
- Length: 5.6 ft / 1.71 m*
- Wingspan: 10.2 ft / 3.1 m

PERFORMANCE

- Endurance: up to 18 hours*
- Ceiling: 19,500 ft / 5,950 m
- Max horizontal speed: 80 knots / 41.2 m/s
- Cruise speed: 50-60 knots / 25-30 m/s
- Engine: heavy fuel (JP-5 or JP-8)*

SENSOR AND DATA OPTIONS

- C2 data link: encrypted, unencrypted
- Video data link: digital-encrypted*
- EO telescope (high zoom day FMV)
- MWIR/EO dual sensor (day & night FMV)
- ViDAR (maritime surface search)
- Other integrated sensors

****Available in multiple block variants and configurations***