

AI First Drone Company

Boumarang

W-150

Walkabout for Real Time SAR

Long Range Unmanned Aerial Vehicle

Extreme endurance on clean power for search and rescue (SAR) and related reconnaissance missions.

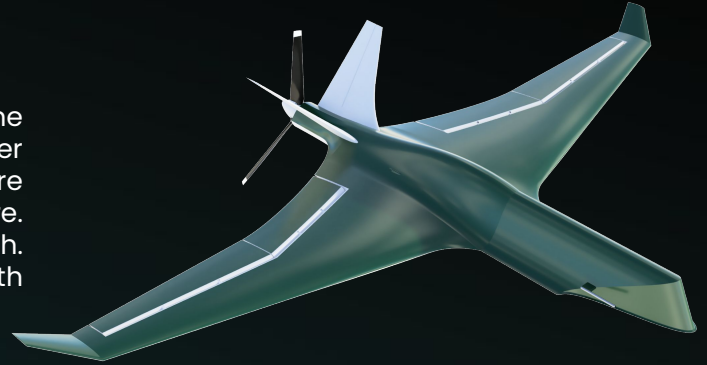
Modular Design for Localized Final Assembly



Product Introduction

See what you're missing – fast.

Put eyes in the sky with autonomous drones anyone can fly, on-site, or remotely from a browser anywhere in the world. Conduct inspections more often to spot issues and take action before a failure. Secure your sites with around-the-clock overwatch. And swiftly contain emergent incidents with real-time situational awareness day or night.



Feature & Benefits

How **Machina AI** works for you:



We do the flying. You simply integrate the data stream into your workflow.



We automate capture, modeling and analysis.



We operate 24/7. Sweep vast search areas, day or night, and find objects faster with advanced imaging.

How **Boumarang** works for you:



We fly on green hydrogen



We can fly longer and carry more.



Long Range Encrypted Communications



Remote Camera and Gimbal Controls.



Aircraft Specifications

Maximum Range : 1000 km	Service Ceiling : 16,000 ft AMSL
Fixed Wing Propulsion : HFE DA100 EFI	Endurance up to : 8-12 hrs
Power Supply : PEM Hydrogen Fuel Cell	Cruise Speed : 100 kts
Fuel : Clean Hydrogen	Minimum Speed : 35kts
Max Operating Tank Pressure: 600 bar	Maximum Crosswind : 28 kts
Temperature Range : -5°C to +50°C	Launch & Recovery: Runway T.O & Landing



Payload Section



Trillium HD45
 Visual and thermal
 720p HD visual video,
 640x480 resolution
 infrared video



Octopus Epsilon 140LC
 Visual and thermal
 720p HD visual video,
 640x512 resolution
 infrared video



Workswell WIRIS Security
 Visual and thermal
 IR: 800x600 pixels, 25 Hz, 9
 Hz, 1-12X digital zoom, 16
 degree FOV.



Phase One iXM100
 Visual and thermal
 Medium Format CMOS
 sensor.



Pricing

Starting at 120K USD.

Unmanned aerial vehicles by Boomerang are up to 90% less expensive than equally capable manned aircraft and a fraction of the cost to own and operate.

How to Buy

We're taking orders for 2026 delivery. Reserve your spot with a fully refundable deposit.

Contact us at sales@boumarang.com for more information including a full quote.

Warranty

We provide a 5 year manufacturers warranty on airframe craftsmanship.

We provide 2000 hours or 2 year warranty on the power plant.

Support

We provide comprehensive service and support including onsite training, a train the trainer program, post sales customer service and support to ensure your operations and up and running.

Contact Information



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