



AROWANA™

PORTABLE • MODULAR • MISSION-READY
UNMANNED UNDERWATER VEHICLE (UUV)

BUILT FOR DISTRIBUTED MARITIME OPERATIONS (DMO) & EXPEDITIONARY MISSIONS

Deploy in Minutes. Reconfigure to Mission Requirement.

Modular. Scalable.
Mission-Configurable.



- MODULAR PAYLOAD BAY**
Swap payloads to meet mission sets.
- 4 - 12 IN DIAMETER OPTIONS**
Mission-tailored configurations.
- HIGH-RESOLUTION IMAGING & BATHYMETRY**
See further. Map deeper.
- ACOUSTIC COMMS & NAVIGATION SUITES**

WHY AROWANA™

- Single Person Carry and Launch**
- Deploy from Shore or Small Craft**
- Rapid Single-or-Swarm Launch**
- Reusable or Expandable Configurations**

AROWANA™ VARIANTS

COUNTER-UXS UUV	KINETIC UUV	IMAGING & BATHYMETRY	NAVIGATION SUITE	ACOUSTIC COMMUNICATIONS	ENVIRONMENTAL MONITORING
Detection & Deception • Low observable sensing & deception for contested littorals	Precision Effects • Precision, man-portable payload delivery	Mapping & Survey • Forward-scan • Sidescan • Mapping	Positioning & Guidance • DVL • INS • IMU	Communications Layer • Wi-Fi • Cell Phone • RF • ACOMS	Sensing & Analysis • Water quality • Current profiling • Science & survey missions

PERFORMANCE SNAPSHOT

	PLATFORM
	DEPTH RATING 100 m (upgradeable)
	SPEED 0 - 5 knots
	ENDURANCE 4 - 10+ hours
PAYLOAD & DATA	
	STORAGE Up to 4 TB SSD
	COMMS Wi-Fi, Cell, RF, Iridium, LTE/5G, Starlink
FORM FACTOR	
	DIAMETERS (CM) 10.2 15.24 22.86 30.48
	LENGTHS 1.00 m 1.22 m 1.83 m 3.00 m
	WEIGHT (KG) W/O PAYLOAD 4.5 6.8 7.0 11.3 22.7

AROWANA UUV PRIMARY MISSIONS

- DISTRIBUTED SENSING**
Broad-area undersea sensing through modular payloads and scalable swarm employment.
- COUNTER-UXS OPERATIONS**
Designed to detect, track, and counter adversary unmanned systems in contested maritime environments.
- RAPID ENVIRONMENTAL ASSESSMENT (REA)**
Enables shallow-water and littoral REA for coastal surveys, disaster response, amphibious planning, and obstacle identification.
- INTELLIGENCE, SURVEILLANCE & RECONNAISSANCE (ISR)**
Provides autonomous ISR, including ELINT/SIGINT collection, seabed target search, and persistent reconnaissance.
- SEABED MAPPING & SURVEY**
Performs high-resolution sonar, bathymetry, and subsea infrastructure inspection for defense, commercial, and environmental missions.
- KINETIC PAYLOAD DELIVERY**
The Kinetic Variant delivers precision effects.
- SEARCH AND RECOVERY (SAR)**
Supports underwater search, localization, and recovery missions using modular sensing packages.
- RESEARCH & DEVELOPMENT / RAPID PAYLOAD INTEGRATION**
Open-architecture system enabling fast integration of new sensors and mission kits for experimentation and tech development.

+61 1800 010 204

info@falconuav.com.au