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## **Aquabotix Introduces Integra AUV/ROV for Underwater Missions**

- The Integra AUV/ROV builds on Aquabotix's hybrid technology, and is designed for missions across several sectors, including law enforcement, research, environmental assessment and defense
- Underwater vehicle is single-person deployable, battery-operated and enables greater cost efficiency for users

**UUV Aquabotix Ltd (ASX:UUV)** ("Aquabotix" or the "Company") today introduced its second-generation hybrid underwater vehicle, the Integra AUV/ROV (autonomous underwater vehicle/remotely operated vehicle). Single-person deployable, portable and battery-powered, the Integra AUV/ROV allows users to conduct multiple underwater missions, while providing a cost-efficient alternative to deploying separate AUVs and ROVs for individualised tasks.



Aquabotix's second-generation hybrid vehicle, the Integra AUV/ROV

The Integra AUV/ROV can be configured with multiple sensors and maneuvered by an easy-to-use intuitive platform accessible from any web-enabled device. The vehicle is designed for use across several sectors, including law enforcement, research, environmental assessment, defense and infrastructure, and can search wide areas using AUV mode (untethered) while conducting detailed inspections using ROV mode (tethered). Users can easily switch from AUV mode to ROV mode by attaching the tether to remotely control the vehicle's six degrees of freedom of motion. When running the vehicle in autonomous operation, all mission planning is completed in an intuitive Windows-based application.

"With the Integra Hybrid AUV/ROV, we have added more functionality to a single vehicle," said David Batista, CEO of Aquabotix. "Because this vehicle has the brain power to conduct autonomous missions as well as detailed inspections in a single setting, operators have immediate and complete control. The introduction of the Integra AUV/ROV is the next step in the



evolution of underwater vehicles and illustrates how Aquabotix continues to successfully meet the demands of underwater exploration and inspection."

Other features of the Integra AUV/ROV include:

- Five high-torque motors
- Live Remote Control and data sharing
- Configurable sensor suite: Side scan sonar, multibeam sonar, scanning sonar, DVL, USBL, INS, Wi-Fi, Bluetooth and environmental sensors available
- Sensor package including depth, temperature, orientation and GPS
- 1080p true high-definition camera with pan and tilt
- Depth rating 100m or 300m models available
- 5 pounds of payload capability
- Up to 8 hours battery life
- High Intensity LED lighting (4400 Lumens)



Aquabotix's Integra AUV/ROV is designed for multiple underwater missions across several sectors

"Our second-generation hybrid, the Integra, leverages the strongest innovative capabilities of both types of underwater vehicles. Yet in utilising our hybrid digital platform, users no longer need two vehicles to explore and conduct tasks underwater. Now, they can activate AUV mode for broad range searches, while switching to ROV capabilities for more in-depth analysis of underwater conditions," said Durval Tavares, Chief Technology Officer of Aquabotix. "Simply put, the Integra AUV/ROV is a force multiplier for our customers."

Aquabotix recently announced its new Live Remove Control product feature, which customers can use to pilot underwater vehicles, store, analyse and share data, from any web browser-enabled device, remotely, from anywhere in the world. Aquabotix's entire family of products, including the Integra, are now equipped with this class leading functionality.

For more information about the Integra AUV/ROV please visit <a href="https://www.aquabotix.com/hybrid-auvrovs.html">https://www.aquabotix.com/hybrid-auvrovs.html</a>



## **Further Information**

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## **About UUV Aquabotix Limited**

Based in Sydney, Australia and Fall River, Massachusetts, USA, Aquabotix is an established underwater robotics company which manufactures and sells commercial and industrial-grade underwater drones and networked underwater cameras for commercial, high-end consumer and military applications. It is also one of very few companies worldwide offering commercially-available hybrid underwater drones, which are capable of both autonomous and remote operation. The Company owns the intellectual property in a range of unmanned underwater vehicles and underwater camera products and is an early-mover in a nascent industry.

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