

For immediate release  
November 20, 2014

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## **Better safety and services with longer flight times from the DiscoverAllDrone**

### **Innovation company, Lambdatron has cracked the holy grail of longer drone flight times, with a breakthrough minimum of 1-5 hours in the air**

Capalaba, QLD; November 20, 2014 – Lambdatron has introduced its new range of custom built drones with flight times of up to 5 hours. Imagine the improved lives of farmers, fishermen, aviation, military and emergency services as well as improving safety in high risk jobs in mining, construction, transport and infrastructure in Australia.

Lambdatron, which offers automation, communication and tracking services for the mining, construction and maritime markets, is now extending its expertise in this area to the UAV market. Three separate features provide UAV users with extended coverage for discovering more than previously thought within the UAV market.

The extended capabilities will be available exclusively through the studio as each drone is built to order. Depending on what you want to use the drone for, they can be built with different payloads, weight, size and flight time configurations. An additional feature of a collapsible frame means easier transportation for a large size drone.

"We wanted to see if we could discover more and fix the three main problems with current drones," said James Palmer, Lambdatron's Chief Technical Officer. "People want affordable UAVs, with long flight times that are easy to carry so we came up with a solution for each one of those things. By building to order we can keep costs low, our wireless recharging capacity means extended time in the air and our collapsible frames mean you can carry it with you like regular luggage."

Each DiscoverAllDrone can hold up to 8-10 kg of equipment, including surveillance and reconnaissance, environmental equipment, health and safety, winching, grabbing, sensory, monitoring, alerting, tracking, inspection, protection, night vision, FLIR, thermal imaging, GPS, RADAR and industrial technology, remote communications, networking, wi-fi, microwave and radio links are all options that can provide control over all the different applications available to a UAV user, saving them time and money on hiring a helicopter or small plane.

For added flexibility, the user also has different options to operate the drones depending on their preferences. Arm mounted computers can be programmed alongside iPads and iPhones and the more traditional stick controllers, lending a new level of control with autopilot and manual pilot operations in different settings. The ability to generate energy while on the move is the key breakthrough as this technology can also be used in other devices, such as cars, boats and airplanes. Lambdatron specialises in making the impossible, possible.

### **About Lambdatron**

Lambdatron, based in Capalaba, Queensland, was founded in 2012. Through its operations the company provides products and services for many industries across the innovation, automation and RADAR technology arenas. We are a Veteran Owned Business and production is done here in our facilities in the Brisbane area of Queensland.

- DiscoverAllOver with the DiscoverAllDrone micro-site at: <http://www.discoveralldrone.com>
- Discover Altogether with Lambdatron at: <http://www.lambdatron.com>, Tel: 0432 140 103
- DiscoverExpert is available for questions and interview: [jamespalmer@lambdatron.com](mailto:jamespalmer@lambdatron.com)