

ROVs controlled from your smartphone.

An ROV that takes live video and underwater pictures and streams them directly to your smartphone, tablet or laptop.

The brainchild of Aquabotix Technology Corporation, the HydroView ROV was designed with user friendly functionality for widespread accessibility. Operated by tilting the device similar to playing a video game, the ease of control with accurate underwater movement was a blueprint essential, as well as intuitive operation and user-friendly interface for quick uptake. Weighing less than 5kg total the motion system consists of three propellers each run by a separate brushed maxon DC motor. The maxon A-max DC motor has low vibration and is smooth running. The specifications were tailored to a longer motor shaft which typically would intensify vibrations created from within the motor. Vibrations compromise the video recording, can trigger system leaks and deteriorate the electronics and drive functions. Not only does the A-max DC motor withstand vibrations but it provides high torque and is physically small. The 26mm motors are light-weight and proficient, operating from 10 volts for up to three-hours operation on a full battery. The two DC motors placed on either side of the ROV control the speed up to 3 knots. The third DC motor is on the back of the ROV providing depth control up to 45 metres.

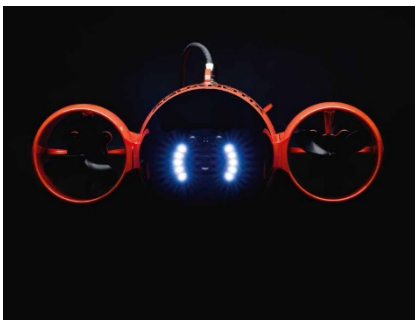
For more information on DC motors for use in ROV applications please contact maxon motor Australia on +61 2 9457 7477.

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The media release is available on the internet at: www.maxonmotor.com.au



*Maxon A-max 26
Ø26 mm graphite
brushes 7w © 2016
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The HydroView with maxon DC motors © 2016 maxon motor ag

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