

Hydroid Introduces New High-speed, Low-cost Micro AUV



Hydroid, a subsidiary of Kongsberg Maritime, has released the new groundbreaking REMUS M3V compact, one-man portable autonomous underwater vehicle (AUV). Low-cost and ready to use right out of the box, this micro AUV supports numerous applications including search and survey, intelligence, surveillance and reconnaissance (ISR), marine research and multi-vehicle missions. The REMUS M3V can dive up to 300 metres in depth. It is a true A-size (36 inch x 4.875 inch) vehicle with no fins or appendages outside the A-size envelope and can be used for multi-domain deployments.

“The AUV market is rapidly evolving and the heart of underwater exploration. At Hydroid, we continue to grow our product offerings as well as advance the technologies and capabilities of our existing vehicles,” says Duane Fotheringham, president of Hydroid. “The

REMUS M3V benefits from all of the development and code-based work that has gone into our REMUS 100 AUV. It is a game-changing vehicle. Our vehicle is fully engineered, designed and integrated utilising proven REMUS software. The thought, design and regression testing has all been done to create a robust product that customers can rely on.”

Gravity

The REMUS M3V can achieve speeds of 10 knots and is equipped with an articulated tail control system and a positioning and navigation system in the standard configuration. REMUS M3V also has a variable centre of gravity allowing it to operate in a buoy mode. Outfitted with sidescan sonar, the REMUS M3V has a multifunctional tail antenna that includes Iridium, Wi-Fi and a Flasher. The REMUS M3V is a low-logistics system that is compatible with existing survey and AUV capabilities.

<https://www.hydro-international.com/content/news/hydroid-introduces-new-high-speed-low-cost-micro-auv>
