

SEASAM HULLSCAN™ DRONE

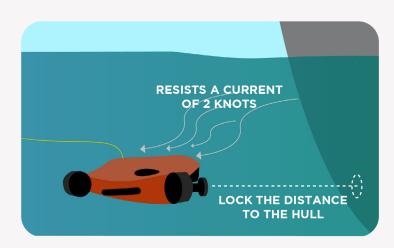
THE FIRST ROV SPECIALIZED IN HULL INSPECTION

 Seasam HullScan[™] is the most specialized ROV for hull inspections.

Faster than any of its competitors, its lateral speed is fast enough to counter currents of over **2 knots**!

• HullScan™ housing has been streamlined for a maximum efficiency and hydrodynamic profile in any direction. Its 4 orientable outer propellers allow for 2 different speed/ navigation profiles, whilst retaining the industry-leading stability and manoeuvrability of Seasam drone.





• Seasam HullScan comes with new Smart Locks:

Hull freeze creates a visual lock of the drone in front of the ship hull with autonomous repositioning.

Advanced hull servoing enables a visual lock combined with automatic lateral gliding alongside the hull for semi-autonomous inspection.

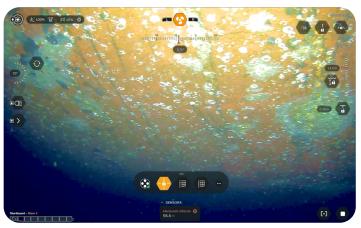
 Seasam Control[™] pilot application is packed with smart features to simplify ship inspection.

USER TESTIMONY

With Seasam HullScan, I was able to complete a full inspection of a 300-meter vessel at anchor with a 2-knot current and 40-centimeter visibility in less than two hours. The smart lock makes the job so much



John Mickras, Ship inspector at Marina Inspect







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TECHNICAL SPECIFICATIONS

SPEC SHEET	
ROV CAPABILITIES	
Dimensions	54cm x 44cm x 24cm // 21in x 17in x 9.5in
Buoyancy	Slightly positive underwater - adjustable
Weight	9 kg / 20 lbs
30° forward & lateral speed	2.1 kt / 1.5 kt // 1 m/s / 0.52 m/s
60° forward & lateral speed	1.5 kt / 2.1 kt // 0.52 m/s / 1 m/s
Maximum depth	100 m / 330 ft
Battery runtime	1h30 - upgradabeable to 4hrs
Tether length	100m - upgradeable up to 300m
Lighting	Built-in LEDs 2 x 1000 Lumens - upgradeable
Ancillary mounts	Ball mounts / 2kg payload
CAMERA	
Sensor	1/2.8" CMOS Sony IMX290 low light Sensor
Video resolution	Full HD 1080p - 30 fps - 80° inwater Field of View
INTERNAL SENSORS	
Depth Sensor (m or ft) // Internal temperature // GPS // 9-Axis IMU	
SEASAM CONTROL APPLICATION	
Navigation assistance	Smart compass // depth - heading - pitch indicators // Locational map // System status indicators
Survey features	3 speeds - Turbo mode // Wall servoing // Lateral gliding // Hull position widget (manual + auto) // POI flagging
Other features	DVL // Sensors data display // Speed and interface customisation // File sharing // Live streaming // Notilo Cloud integration

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Direct appointment - Click here: MEETING WITH OUR TEAM



