

EXRAY™ ROV

REVOLUTIONIZING SUBAQUATIC INSPECTION JOBS

EXRAY™ is a Swiss-made, professional-grade robot designed specifically for detailed inspections of submerged assets. Slim, agile, and highly modular, it's an excellent tool for tough underwater inspection missions.



CLASS APPROVED:



SLIM & LIGHT

Weighing under 10kg and standing just 13.4cm tall, EXRAY™ packs impressive power and precision for demanding tasks.

SUPERIOR CAPABILITIES

The 4K camera with advanced controls provides crystal-clear imaging, while expandable payloads offer customizable solutions for specialized inspections.

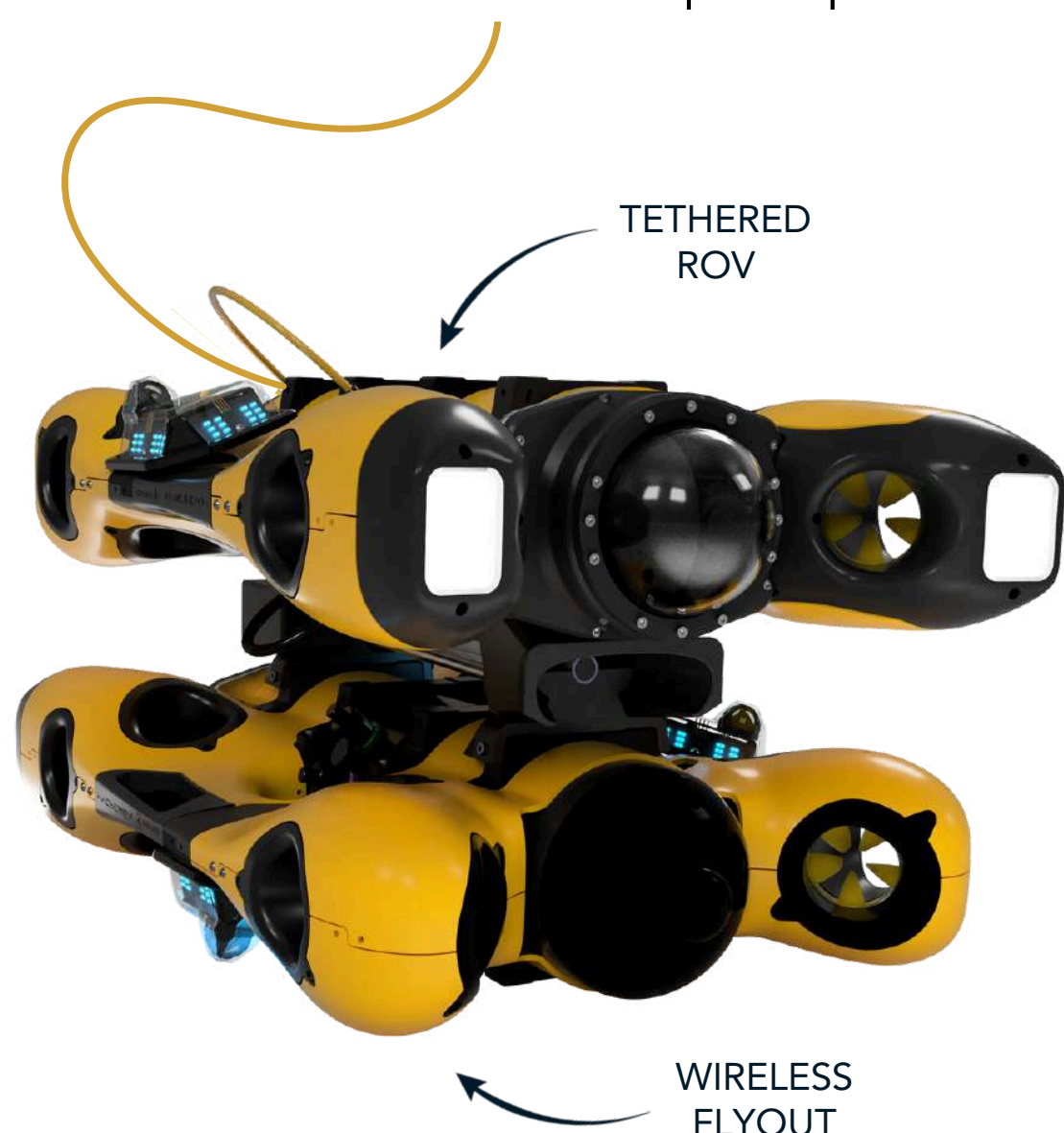
EXTENDED OPERATION TIME

With up to 6 hours of battery life on a single charge, it ensures long, uninterrupted inspection missions.



CUT THE CORD WITH A FULLY WIRELESS FLYOUT

EXRAY™ is the leading professional inspection ROV, excelling in tough tasks. It can further be upgraded with a Hydromea's proprietary wireless flyout companion, which provides unique flexibility in confined cluttered spaces. The flyout allows pilots to navigate complex infrastructure without tangling risks. With real-time FHD video feedback and all the same intelligence as its tethered twin, the full system provides a much better experience with unmatched spacial awareness in complex spaces.



REMOTE CONTROLLED COMPANION

Live HD video streaming provides real-time visuals to reduce entanglement risks in tight spaces, while EXRAY™ enhances pilot awareness by acting as a data relay.

WIRELESS COMMUNICATION

Hydromea's proprietary blue light data transmission system enables wireless operation within confined, flooded spaces, offering a range of up to 30 meters.

INTUITIVE CONTROL

A quick switch allows seamless transitions between tethered EXRAY™ and the wireless flyout, which supports multiple payloads for a fully modular solution and flexibility.

EXTENDED RANGE & FASTER SPEED

EXRAY™'s tether length, combined with the flyout robot's 30-meter wireless range, ensures extensive coverage and faster inspection missions.



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HYDROMEAE

NAVIA™

THE ULTIMATE MISSION HUB

ALL-IN-ONE MONITORING PLATFORM

Stream live video, and data while recording measurements and media for easy access and review.

EFFORTLESS DATA MANAGEMENT

Simplify workbook creation with automated features and auto-generate detailed reports for fast analysis.

CENTRALIZED CONTROL

Manage data and conduct comprehensive analysis from multiple EXRAY™ ROVs all in one place.

SEAMLESS EFFICIENCY

Real-time annotations keep insights sharp, with seamless integration of software upgrades and diagnostics.



APPLICATIONS

EXRAY™ is your best tool for fast and effective missions in:

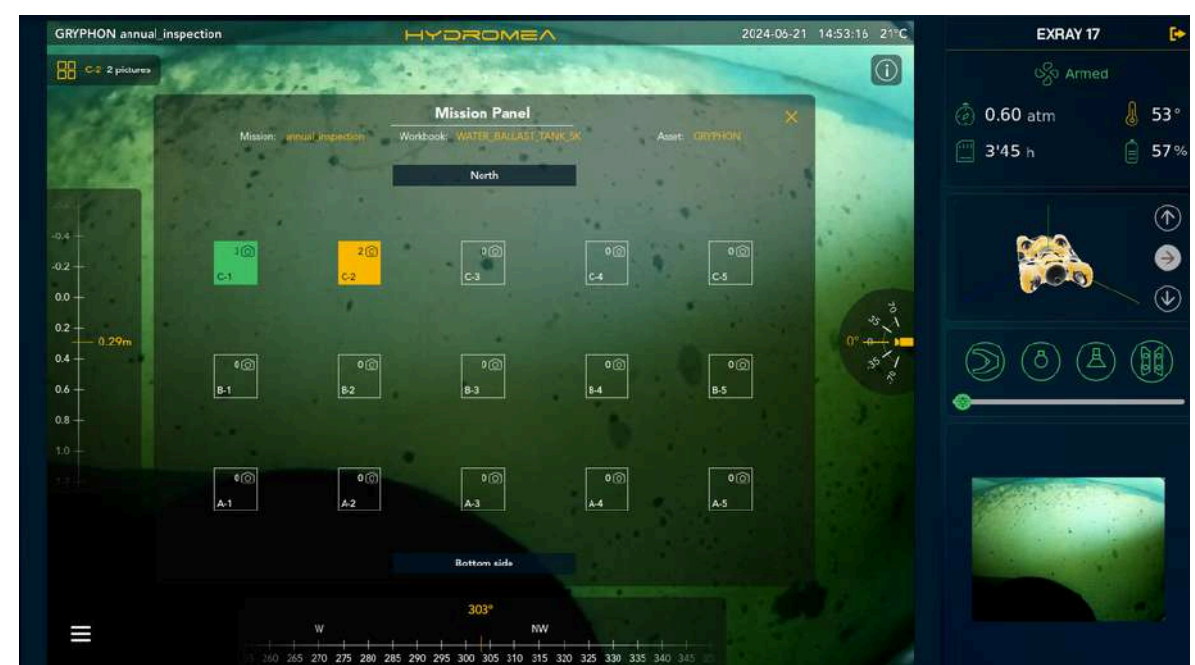
- TANKS (BALLAST, STORAGE)
- COOLING TOWERS
- PIPES, TUNNELS, DAMS
- ANY SUBMERGED CONFINED & SEMI-CONFINED INFRASTRUCTURE.

CONTACT US TO DISCUSS YOUR USE CASE.



NAVIA™+ DATA MANAGEMENT

To go one step further in data reporting and analysis, NAVIA™+ data management tool is available as an add-on license and it further streamlines workbook creation for various inspection types, integrating them with mission management. Data is intuitively labeled and can be auto-generated into detailed reports with one click. It also consolidates data from multiple EXRAY™ ROVs across missions for centralized analysis.



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