High-quality data acquisition in coastal areas and shallow waters

Maritime Robotics is a leading provider of autonomous navigation systems and uncrewed platforms, and enables access to the ocean space through autonomy and remote operations. The company develops and delivers products and services for a wide range of maritime operations, including marine mapping and surveying, oceanographic data acquisition, transportation and maritime surveillance and inspection.

The Otter Uncrewed Surface Vessel (USV) serves as a turnkey solution for cost-effective mapping and monitoring of sheltered and enclosed waters, supporting a range of payload integrations. The robust catamaran design and tightly integrated survey sensors, makes the Otter USV a preferred platform for bathymetric, hydrographic surveying and scientific data acquisition in small lakes, canals, rivers, ponds, and harbour areas.

Cost-effective and robust radio solution

The SATELLINE-EASy is a preferred choice for bathymetric surveying, which requires greater GNSS accuracy than what standard satellite signals can provide. This level of accuracy is achievable through Real-Time Kinematic (RTK) technology, accessible via radio transmission from a base station or through an NTRIP subscription. Customers who provide their own RTK can easily receive their corrections using the SATELLINE-EASy.

The SATELLINE-EASy is an ideal solution for clients requiring RTK, offering a cost-effective and robust radio solution. Its compatibility with the Otter USV ensures seamless integration and allows for the quick detachment of the radio, providing flexibility for customers to use it for various applications.

Photo by: Sjótækni

Photo by: Maritime Robotics

SATELLINE-EASy radios are used to send accurate GNSS correction data for Otter Uncrewed Surface Vessel (USV).

SATEL – Your technology partner
SATEL is the world's leading expert and innovator in wireless networking technology. We design, manufacture and offer high quality connectivity solutions that enable secure, mission-critical connections, utilizing the best characteristics of each technology for real-life use-cases.