

# Slocum Glider

The Slocum glider is buoyancy driven to enable long range and duration remote water column observation for academic, military, and commercial applications. The Slocum Glider can be deployed and recovered from any size vessel with minimal time on station.

Once the Slocum glider is deployed, it can easily be controlled from anywhere in the world through the use of web based piloting tools. This allows fleets of gliders to be operated remotely with minimal personnel and infrastructure.

## Versatility by Design

Slocum gliders are modular, allowing for rapid sensor reconfiguration to respond to emergency conditions or situations. Over 40 sensors and other options are available to address a wide variety of ocean conditions and sampling requirements.

## Endurance for Persistent Monitoring Tasks

The buoyancy propulsion drive provides months of performance at sea and the optional thruster provides up to 2 knots of horizontal speed. This long endurance glider will expand your data collection range or situational awareness by providing real data over extended periods of time.

## Even in the Roughest Seas

No matter the sea state, gliders are capable of continuous sampling without risking personnel or costly assets. Slocum gliders routinely operate around the world in extreme weather conditions.

## Autonomous Operation

Slocum gliders can run pre-programmed routes, surfacing to transmit real time data to shore while downloading new instructions at regular intervals.

## Data Like a Movie Instead of a Photo

Slocum gliders enable high resolution sampling over transects that can be revisited during a single deployment. This enables resolution of sampled features over time and space at a substantially lower cost than with traditional methods.

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[https://www.hydro-international.com/content/product\\_showcase/slocum-glider-2](https://www.hydro-international.com/content/product_showcase/slocum-glider-2)

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