

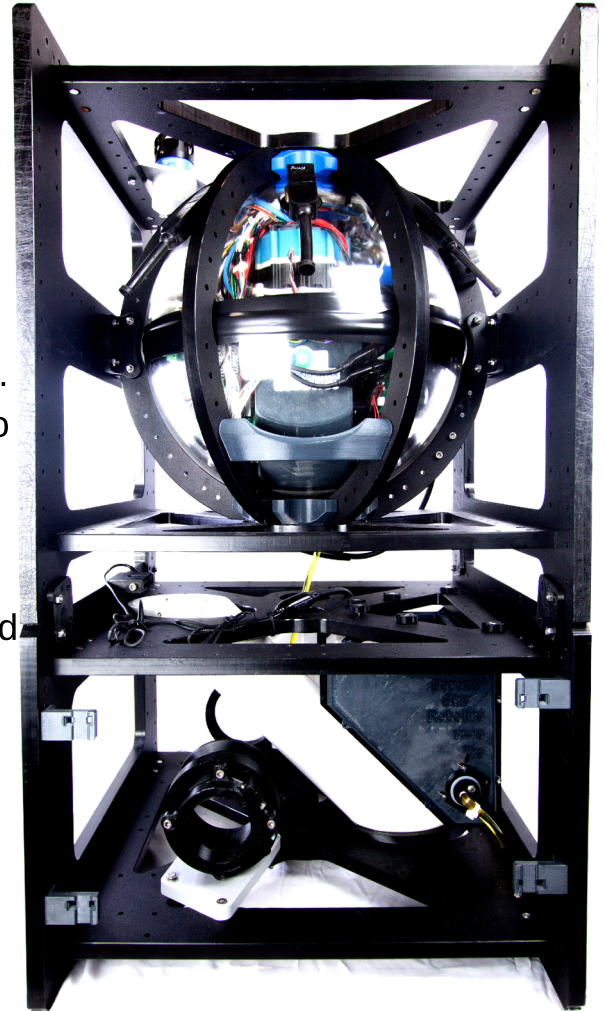
SECOND STAR ROBOTICS

Product Description

A buoyancy-controlled sensor platform for pelagic survey applications. Designed with system integrators in mind, this versatile unit is equipped with a compact reciprocating buoyancy engine, capable of adjusting the platform's volume by 3.5 L. This allows hovering and profiling at depths of up to 2000 m.

The platform can be pre-programmed to profile various depths and return to the surface at specified intervals. Seamless integration with the BluePrint SeaTrac modem/USBL ensures accurate surface tracking and control. The platform boasts an auxiliary sensor DAQ system, enhancing its data logging capabilities, sensor duty cycling and RTCC timestamp sample synchronization.

DRIFTER GENERAL PURPOSE SENSOR PLATFORM



Precision Control

Precise depth and velocity control allow sampling with programmable hibernation modes reducing power consumption and maximizing endurance.

