Greensea IQ
USER INTERFACE

Greensea IQ Workspace is an open architecture operating environment for marine robots in challenging operations. Based on OPENSEA, its open architecture structure was formed to easily accept new technologies and scale as the needs of operators evolve.
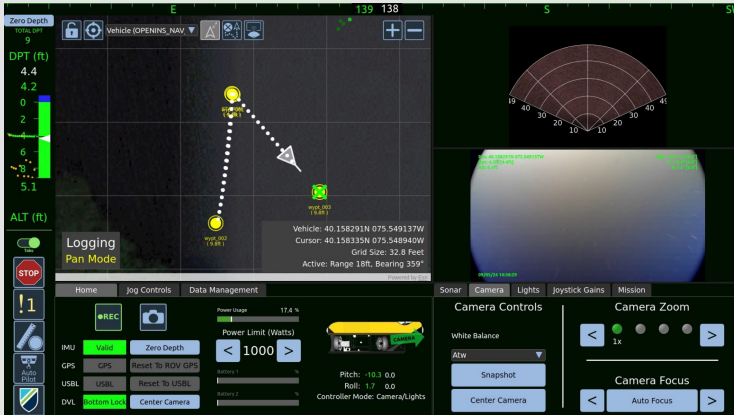
GSIQ Workspace provides an integrated navigation, auto pilot, mission planning, and sensor fusion platform. Professional and EOD Workspace versions provide cutting-edge software and hardware to support commercial operations, first responder deployments, and military defense solutions for EOD, MCM, and SOF.

An Interface Designed for All Industries

_Key Features

›   Built on OPENSEA open architecture software
  ›   Vehicle and hardware agnostic
  ›   Robust framework for new technology insertion
  ›   Open platform for multi-asset coordination
›   Comprehensive UUV navigation and control solution
  ›   Native and integrated software
  ›   Payload and platform integration
  ›   Control, navigation, and operator interface
›   Supervised autonomy and task-based autonomy
  ›   Aids pilot operation and performance
  ›   Autonomous EOD tasks for search & inspection
›   Integrated perception and payloads
  ›   Native support for video and sonar
  ›   Integrations for multiple payloads
›   Greensea Evergreen support (not included)
  ›   Stay current with the latest software releases
  ›   Receive updates, patches, and fixes
  ›   Annual paid subscription required

_GSIQ Workspace Specifications

FEATURES	BASIC	PRO	EOD
[NAVIGATION]			
Attitude	X	X	X
Depth	X	X	X
Altitude		X	X
Positioning	X	X	X
INS		X	X
[CONTROL]			
Joystick	X	X	X
Auto Heading	X	X	X
Auto Pitch	X	X	X
Auto Roll	X	X	X
Auto Alt		X	X
Dynamic Positioning		X	X
Dynamic Waypoint Following		X	X
POI Orbit		X	X
Auto Depth	X	X	X
[WORKSPACE]			
Alarm Manager	X	X	X
Signal Mapper	X	X	X
Screencast	X	X	X
Sonar	X	X	X
Video	X	X	X
Vehicle Diagonals	X	X	X
Chart Plotter		X	X
Mission Planning		X	X
[LOGGING]			
Telemetry	X	X	X
Convert Log to CSV		X	X
COIN File Export			X
Post-Mission Analysis Tool			X
Playback		X	X
[SENSORS]			
Vehicle Control Package	X	X	X
Navigation	X	X	X
Camera, Pan & Tilt	X	X	X
Lights	X	X	X
Joystick	X	X	X
Simple Manipulator	X	X	X
[OTHER]			
ArcGIS	X	X	X
IQNS Supported		X	X
Gray Level Grouping		X	X
Battery Support		X	X
[EVERGREEN SUPPORT OPTION]			
Current Updates/Releases			X
Delayed One Release Cycle	X	X	

VideoRay
AN AV COMPANY