Seafloor™

AUTONAV PLUS GEN 2

Long Range Hydrographic Data Telemetry System

AutoNav Plus™ system fits small to large USVs

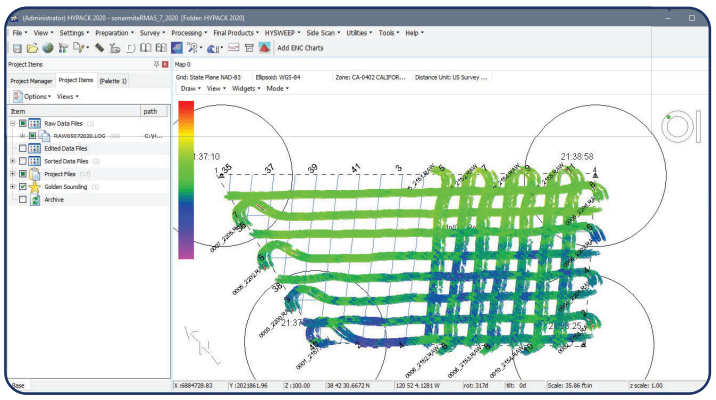
The **AutoNav Plus™** combines the **AutoNav™** control system, which enables USVs to navigate pre-programmed survey routes, with a long range communication control system and built-in computer for data logging and control of 3rd party applications. The system was designed to log GPS and echosounder data locally on the USV's onboard computer, utilizing hydrographic survey software or other Windows-based data collection software. Real-time monitoring and data acquisition can be viewed from the onshore computer, streamlining survey missions in challenging waters.

BENEFITS

- Enables real-time monitoring of survey & track lines
- Data logged to onboard PC
- Self-contained
- Compatible with any Seafloor USV or crewed vessel
- CAA (Collision Avoidance Assist) Adaptable

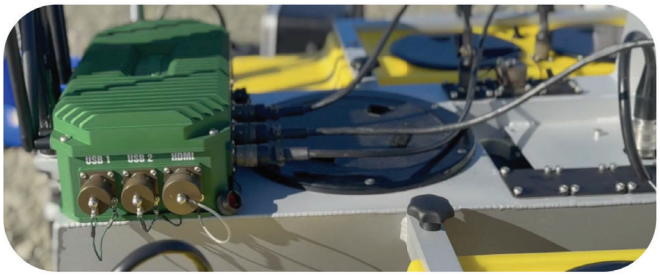
KIT INCLUDES

- AutoNav Plus Computer System
- FrSky™ Remote Control
- 4 x Receiver Antennas
- WiFi Bridge Antenna
- WiFi Directional Antenna
- GPS Serial Cable
- Sonarmite Serial Cable
- Port & Starboard AutoNav Cables
- External Power Cable



Hypack Software receiving depth and position data onshore in real time

AutoNav Plus™ combined with SideScan sonar on HyDrone™



AutoNav Plus™ Onshore computer setup

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AutoNav Plus™

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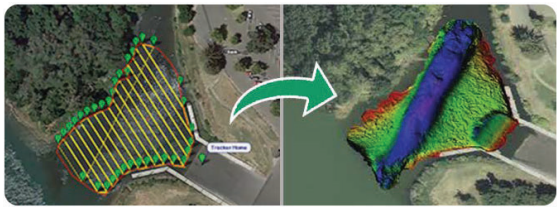
Swarming Capabilities



AutoNav™ Mission Planning

AutoNav Plus™ Onshore computer setup

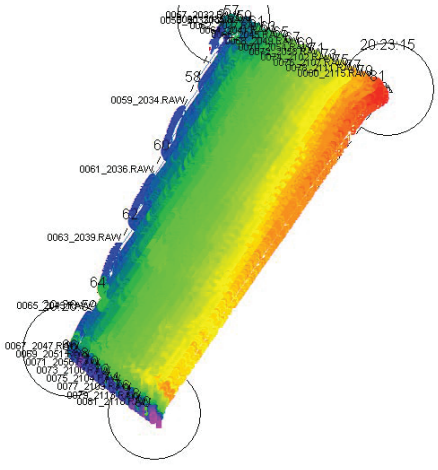
Specifications

Serial Ports	2 (GPS and Coms)
Range	2000m with telemetry
Communications	915Mhz (430Mhz EU) / USB
Environmental	IP66
Size	11.5 x 3.5 x 6.5 in / 292 x 89 x 165mm
Weight	3lbs / 1.3kg

Compatible with:

HyDrone™	Mission Planner™
Trident™	HYPACK™
EchoBoat-160™	
EchoBoat-240™	
HydroCat-180™	

HyDrone™ with AutoNav Plus™ Gen 2



Track-lines with real-time data acquisition

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