

Seafloor™

HYDROLITE PLUS

Single & Dual Frequency Echosounder Kits

The **Hydrolite Plus™** is a culmination of Seafloor's 20+ years of developing echosounders for surveyors. Both single and dual frequency versions quickly measure and log depths, making fast work of ponds, rivers, lakes, and more. The HydroLite Plus™ is portable, robust, and designed to survive any field environment.

BENEFITS

- ▶ Portable, integrated hydrographic survey solution
- ▶ Adapts / mounts to any vessel via transom mount
- ▶ Wireless data transfer direct to data collector
- ▶ Meets IP-65 standards
- ▶ Quickly export XYZ data

KIT INCLUDES

- ▶ Hydrolite Plus Echosounder Kit
- ▶ HydroLite boat mount / pole kit
- ▶ Rugged shipping case
- ▶ User manual / training manual
- ▶ 1 year warranty and lifetime support

OPTIONS

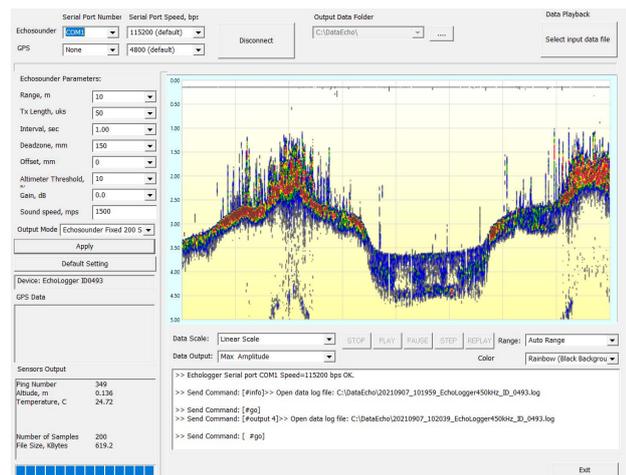
- ▶ GNSS Receiver
- ▶ Data Collector / Software
- ▶ PC Data Acquisition
- ▶ Digital Bar Check / Sound Velocity
- ▶ Tide Gauge



Single & Dual Frequency Echosounder Units



Rugged Shipping Case



Custom User Interface with Real-Time Sonar Echogram

SPECIFICATIONS

- ▶ Frequency: 200 KHz (single) or 200/30KHz (dual)
- ▶ Beam Width: 10° (single) or 5°/26° (dual)
- ▶ Ping Rate: 100 Hz max (single) or 10Hz max (dual)
- ▶ Depth Accuracy: 1cm/ 0.1% of depth
- ▶ Output formats: NMEA,ASCII,ODOM,ATLAS, Sonarmite
- ▶ Range: Up 200m
- ▶ I/O: Serial,Bluetooth
- ▶ Power: Rechargeable DC 10~75V, 2W max
- ▶ Compatibility: Trimble, Leica,Topcon, Sokkia, Epoch,Carlson,HYPACK, QPS, EIVA, PDS 2000.
- ▶ Topside: 1lbs(0.45kg), 6.5x3.375x1.75" (165.1x 85.72x 44.45mm)
- ▶ Transducer: 1lbs (0.45kg), 5x2.75x3.75" (127x69.85x95.25mm)
- ▶ Transom Mount: 4lbs (1.81kg), 11x5x8" (279x127x203.2mm)
- ▶ Minimum Depth: 0.3m



Unit can be integrated into remote / autonomous survey vessels

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https://www.seafloorsystems.com/singlebeam