

Seafloor™

HYDROLITE PLUS

Dual Frequency Echosounder Kit



The **Hydrolite Plus™** is a culmination of Seafloor's 20+ years of developing echosounders for surveyors. The dual frequency version quickly measure and log depths, making fast work of ponds, rivers, lakes, and more at both 200KHz and 30KHz. 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 DFX Echosounder Kit
- ▶ HydroLite boat mount / pole kit
- ▶ Rugged shipping case
- ▶ User manual / training manual
- ▶ 1 year warranty and lifetime support

OPTIONS

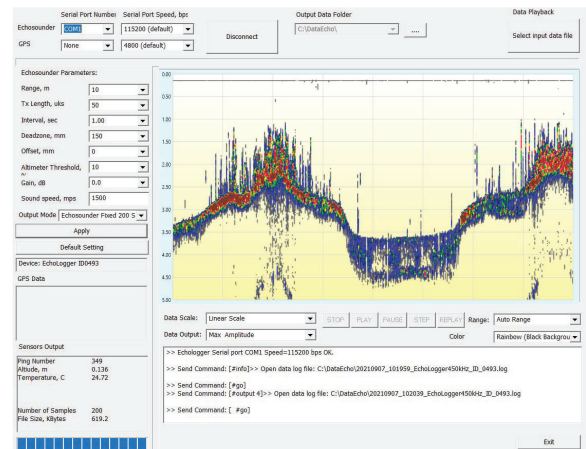
- ▶ GNSS Receiver
- ▶ Data Collector / Software
- ▶ PC Data Acquisition
- ▶ Digital Bar Check / Sound Velocity
- ▶ Tide Gauge



Dual Frequency Echosounder Units



Rugged Shipping Case



Custom User Interface with Real-Time Sonar Echogram

SPECIFICATIONS

- ▶ Frequency: 200/30kHz
- ▶ Beam Width: 5°/26° (-3dB)
- ▶ Ping Rate: 100Hz max
- ▶ Depth Accuracy: 1cm/ 0.1% of depth
- ▶ Output formats: NMEA,ASCII,ODOM,ATLAS, Sonarmite
- ▶ Range: 1.0m - 200m (30kHz), 1.0m - 100m (200kHz)
- ▶ 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)



Unit can be integrated into remote / autonomous survey vessels