

Seafloor™

HYDROLITE PLUS

Single Frequency Echosounder Kit

The **Hydrolite Plus™** is a culmination of Seafloor's 20+ years of developing echosounders for surveyors. The single frequency version quickly measure and log depths, making fast work of ponds, rivers, lakes, and more at 200KHz. 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 limited warranty and lifetime support

OPTIONS

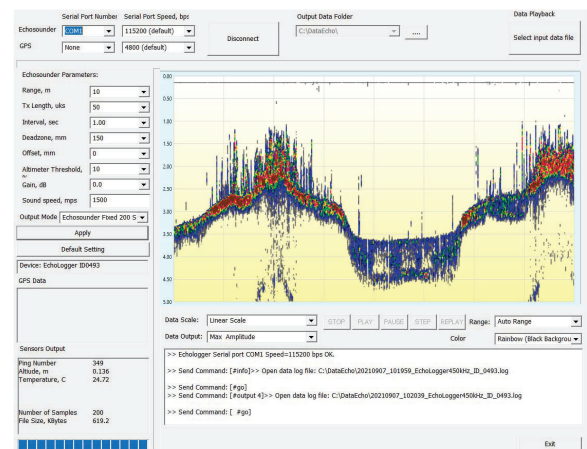
- ▶ GNSS Receiver
- ▶ Data Collector / Software
- ▶ PC Data Acquisition
- ▶ Digital Bar Check / Sound Velocity
- ▶ Tide Gauge



Single Frequency Echosounder Units



Rugged Shipping Case



Custom User Interface with Real-Time Sonar Echogram

SPECIFICATIONS

- ▶ Frequency: 200 KHz
- ▶ Beam Width: 10° (-3dB)
- ▶ Ping Rate: 10 Hz max
- ▶ Depth Accuracy: <1cm/ 0.1% of depth
- ▶ Output formats: NMEA, ASCII, ODOM, ATLAS, Sonarmite
- ▶ Range: 0.5m - 100m
- ▶ 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