

HydroLite Plus™

Single & Dual Frequency Echosounder Kits



The new **HydroLite Plus™** is a result of Seafloor's 20+ years of developing echosounders for surveyors. The HydroLite Plus™ is extremely portable, yet robust enough to survive any environment. Both single and dual frequency units quickly measure and log depths more accurately than standard systems, making fast work of ponds, rivers, lakes, and more.

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
- ▶ Telemetry - Vehicle to Shore

SPECIFICATIONS

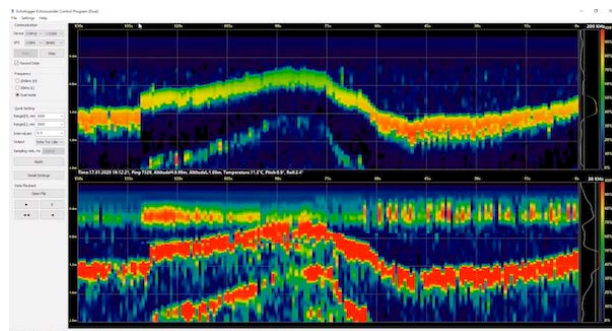
- ▶ Frequency: 200 KHz (single) or 200/30KHz (dual)
- ▶ Beam Width: 7° (single) or 5°/26° (dual)
- ▶ Ping Rate: 100 Hz max (single) or 10Hz max (dual)
- ▶ Depth Accuracy: 1cm/ 0.1% of depth
- ▶ Output formats: NMEA,ASCII,ODOM,ATLAS, Sonarmite
- ▶ Range: Up 200m
- ▶ I/O: Serial,Bluetooth
- ▶ Power: Rechargeable 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)



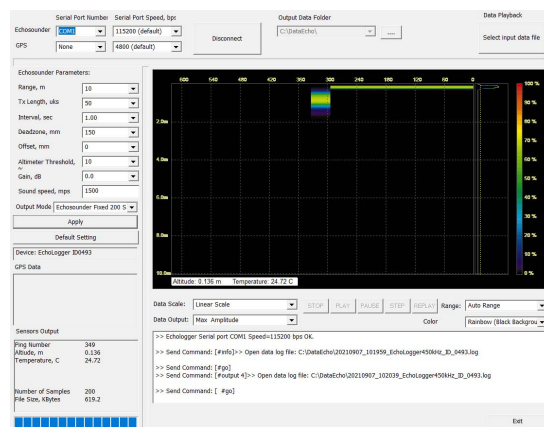
Dual Frequency Echosounder Unit



Rugged Shipping Case



Echogram Data from Dual Beam Echosounder



Custom User Interface



Unit can be integrated into remote / autonomous vessels

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