

HydroLite-TM™

Single Frequency Echosounder Kit

Seafloor™



Bathymetric Image using single beam Echosounder Image



HydroLite-TM Mounted to Jon Boat in Folsom Lake, CA



Echosounder Unit



Rugged Shipping Case

BENEFITS

- ▶ Portable, integrated hydrographic survey solution
- ▶ Adaptable to any vessel
- ▶ Wireless data transfer direct to data collector
- ▶ Meets IP-65 standards
- ▶ Quickly export XYZ data

The **HydroLite-TM™** should be included in every survey and engineering company's standard equipment kit for hydrographic surveying. Developed to meet requirements for the U.S. Army Tactical Dive Teams, the rugged, wireless HydroLite-TM™ looks and feels like your traditional survey instrument. It quickly measures and logs depths more accurately than standard systems, making fast work of ponds, rivers, lakes and more..

SCOPE OF SUPPLY

- ▶ HydroLite-TM Echosounder Kit
- ▶ HydroLite Boat Mount/Pole Kit
- ▶ Rugged Shipping Case
- ▶ User Manual/ Training Manual
- ▶ 1 year support and warranty

OPTIONS

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

ECHOSOUNDER SPECS

- ▶ Frequency: 200 KHz
- ▶ Beam Width: 9°
- ▶ Ping Rate: 6 Hz w/ 2Hz output
- ▶ Depth Accuracy: 1cm/ 0.1% of depth
- ▶ Output formats: NMEA, ASCII, ODOM, ATLAS
- ▶ Range: 0.3m - 75m
- ▶ I/O: Serial, Bluetooth
- ▶ Power: Rechargeable 12V Battery
- ▶ Compatibility: Trimble, Leica, Topcon, Sokkia, Epoch, Carlson, HYPACK, QPS, EIVA, PDS 2000.

Seafloor Systems, Incorporated
4415 Commodity Way
Shingle Springs, CA 95682 | USA



HydroLite-DFX™

Dual Frequency Echosounder Kit

Seafloor™



Rugged Peli-type shipping case



Sonarmite™ DFX Echosounder

BENEFITS

- ▶ Portable, integrated hydrographic survey solution
- ▶ Dual frequency
- ▶ Adaptable to any vessel
- ▶ Bluetooth and serial data transfer
- ▶ Meets IP-65 standards
- ▶ Quickly export XYZ data

The **HydroLite-DFX™** is a portable dual frequency echosounder. The system combines both low frequency (30 kHz) and high frequency (200 kHz) transducers in one unit enabling penetration through soft sediments to detect hard bottom classification as well as detection of the surface layer. The unique design is also a helpful tool for bottom classification.

SCOPE OF SUPPLY

- ▶ HydroLite-DFX Echosounder Kit
- ▶ HydroLite Boat Mount/Pole Kit
- ▶ Rugged Shipping Case
- ▶ User Manual/ Training Manual
- ▶ 1 year support and warranty

OPTIONS

- ▶ GPS/GNSS Receiver
- ▶ Digital bar check
- ▶ Tide Gauge
- ▶ Motion Sensor

ECHOSOUNDER SPECS

- ▶ Frequency: 200/30 kHz
- ▶ Beam Width: 9°/20°
- ▶ Ping Rate: 6 Hz w/ 2Hz output
- ▶ Depth Accuracy: 1cm/ 0.1% of depth
- ▶ Output formats: NMEA, ASCII, ODOM, ATLAS
- ▶ Range: 0.3 m - 200 m
- ▶ Transducer Cable: 5 m
- ▶ Power: External 12-18 vdc
- ▶ Compatibility: All Data Collectors & Acquisition Software

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