

HydroLite-TM™

Single Frequency Echosounder Kit

Seafloor™



Digital terrain model from single beam echosounder data



HydroLite-TM Mounted to jon boat bow



Echosounder Unit



Rugged Shipping Case

BENEFITS

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



Unit can be integrated into remote / autonomous vessels

The **HydroLite-TM™** should be included in every hydrographic survey equipment kit. 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.
- ▶ Topside - 11lbs (0.45kg),
6.5x3.375x1.75" (165.1x 85.72x 44.45mm)
- ▶ Transducer - 11lbs (0.45kg),
5x2.75x3.75" (127x69.85x95.25mm)
- ▶ Transom Mount: 4lbs (1.81kg),
11x5x8" (279x127x203.2mm)

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