

# 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

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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.



Unit can be integrated into remote / autonomous vessels