



# Seafloor™

## datasheet

## HydroLite-TM™

### benefits

- portable, integrated hydrographic survey solution
- adaptable to any vessel
- wireless data transfer
- meets IP-65 standards
- quickly export xyz data

### about

The HydroLite-TM™ should be included in every survey and engineering company's standard equipment kit for hydrographic surveying. Developed to meet the requirements of 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.



Bathymetric image using single beam echosounder.  
Image provided by CBEC Engineering, Inc.

### scope of supply

- Sonarmite Echosounder Kit
- Hydrolite Boat Mount/Pole Kit
- Rugged Shipping Case
- User Manual / Training Manual
- 1-year support and warranty

### options

- Coast Guard beacon receiver
- PC data acquisition
- digital bar check
- Tide Gauge

### echosounder

- frequency 200-KHz
- beam width: 4°
- ping rate: 6-Hz
- depth accuracy: 1cm / 0.1% of depth
- output formats: NMEA, ASCII, Quality
- range: 0.3m–75m
- I/O: serial, Bluetooth
- power: rechargeable 12v battery
- compatibility: Trimble, Leica, Topcon, Sokkia, Epoch, Ashtech, Magellan, Carlson



HydroLite-TM™



HydroLite-TM in river



HydroLite-TM mounted on HyDrone-RCV



Rugged Pelican case



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Rev 08 Jun 2016