

HydroLite-DFX™

Dual Frequency Echosounder Kit

Seafloor™



Rugged shipping case



Sonarmite™ DFX Echosounder

BENEFITS

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

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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, penetrating through soft sediments to detect both hard bottom classification and surface layers.

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 (30kHz minimum depth 3m)
- ▶ Transducer Cable: 5 m
- ▶ Power: External 12-18 vdc
- ▶ Compatibility: All Data Collectors & Acquisition Software
- ▶ DFX Topside: 1lbs (0.45kg), 6.5x3.375x1.75" (165.1x 85.72x 44.45mm)
- ▶ DFX Transducer: 8lbs, (3.62kg), 7.625x5.375x4.5" (193.67x136.52x114.3mm)
- ▶ Transom Mount: 4lbs (1.81kg), 11x5x8" (279x127x203.2mm)