

HD-Lite

The Compact Single Beam Echosounder

HD-Lite is a rugged and compact PC built-in professional portable echosounder. Boosted by an upgraded sounder platform and enhanced hardware, HD-Lite provides users with a portable solution with accuracy and credibility.



KEY FEATURES

Professional Sonar System

With a smarter algorithm and optimized internal circuit design, the sounder adapts to most environments with better echo quality and accuracy.

Hi-MAX Collection & PP Software

Professional bathymetric data collection and post-processing software is easy to learn and master, with innovated functions which boost the efficiency.

15" Display Built-in PC

The 32G SSD storage-based windows 7 OS boosted by dual-core 1.92GHz CPU, smoothly runs programs for versatile applications related to hydrographic surveying.

Compatibility & Extendability

Compatible with 3rd party software and 3rd party GNSS receivers.

Measurement	
Frequency	200kHz
Range	0.15m to 200m
Accuracy	0.01m±0.1%
Draft	0m to 15m
Beam Angle	5°
Sound Velocity	1370m/s to 1700m/s
Sound Resolution	1m/s
Ping Rate	Max 30Hz

Output Data Format	NMEA DBT, NMEA DBS, DESO 25, ODOM, Hi-Target
Weight	5.8 kg
Dimension	L 44mm x W 32mm x H 110mm
Software	Hi-Max Sounder

Hardware Part	
CPU	1.92 GHz, 2 Core
RAM	2GB
Storage	32GB (Max 80GB)
Screen Size	15 inch
Interface	3*USB 2.0, 3*RS232, 1 Bluetooth, 1 VGA
Temperature	-10°C to 55 °C
Power	10V to 30V or 220V AC