

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.



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.



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.



Compatibility & Extendability

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

Measurement

| | | | |
|----------------|--------------------|--------------------|--|
| Frequency | 200kHz | Sound Resolution | 1m/s |
| Range | 0.15m to 200m | Ping Rate | Max 30Hz |
| Accuracy | 0.01m±0.1% | Output Data Format | NMEA DBT, NMEA DBS, DESO 25, ODOM, Hi-Target |
| Draft | 0m to 15m | Weight | 5.8 kg |
| Beam Angle | 5° | Dimension | L 44mm x W 32mm x H 110mm |
| Sound Velocity | 1370m/s to 1700m/s | Software | Hi-Max Sounder |

Hardware Part

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



AUTHORIZED DISTRIBUTION PARTNER

20N119

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