bathylogger 200kHz echosounder

The Bathylogger 200Khz is the best choice for shallow water bathymetric surveys up to 100 meters deep. This unit has an embedded transceiver with digital signal processing. Its "smart". It adjusts power and gain as needed, it knows the depth and when it has bottom track. The Bathylogger delivers the same accuracy as the best survey 200Khz in the world 1cm +/- every 10 meters of depth. It can tackle saltwater or freshwater from lakes and rivers to ports and harbours. Perfect for hydrograpghic surveys, bridge scouring, dredging surveys, mining taleings ponds and more.

Compatible with ALL GPS manufactururs: Trimble, Leica, Topcon, Socchia, Carlson , Hemisphere etc. Included is our very own Bathylogger Control Software for a PC. With this you can adjust the sound velocity and output ping rate 1 - 10 hz, It also has a built in terminal program to view output data. Boat mount kit available.

Construction:	Stainless Steel
Frequency:	200Khz
Accuracy:	– 0.01 m +/- 0.1% depth
Ping rate:	1Hz - 10Hz
Depth Range:	.4m (1.3 ft) > 100m (328ft)
Beam Width:	7 Degree
Power supply voltage:	9 - 40VDC, Regulated
Power output from transmitter:	100 watts at 13.6 Vdc input
Average current draw:	150mA @ 13.6V
NMEA0183 Baud Rate:	4800
Operating temp:	-5C to +60C
Mounting:	Threaded stem with stainless steel nut
Output:	Serial RS232 output / Bluetooth
Output format String:	NMEA DBT
Calibration:	Control Software Included for Sound Velocity (1350-1650) and Output Rate (1Hz - 10 Hz)
CE certification:	Yes to marine standard IEC60945