

HY1680 Dual Fre. Digital Echosounder



Description:

HY1680 System based on the advanced PC technology, DSP and digital imaging technology, optional built-in DGPS and bundled the Note book PC and data acquisition software, is a portable and integrated digital echo sounding system.

Its main features as follows: Standard computer for easy operation interface and data storage, Advanced bottom digitizer, internal large storage of data to file with time reference, digitized depth, position heave and annotations. It is a perfect choice for surveying in the river, lake and ocean.

Features:

Robust and Compact package includes a dual-frequency echosounder with DGPS receiver, Notebook PC

Bundled data acquisition software

Compatible Windows NT system

TVG/AVG dynamic adjustment, strengthen anti- jamming ability

24KHZ/208KHZ, dual frequency operating

Excellent price/performance

Main technical parameters:

Frequency: 208KHZ/24KHZ

Transducers:

high-frequency 208KHZ, ≤ 8 degrees

Low-frequency 24KHZ, ≤ 20 degrees

Depth range: 0.3m-300m @ 208KHZ

0.6-1000m @ 24KHZ

Accuracy: $0.01\text{m} \pm 0.1\%$ @ 208K

$0.10\text{m} \pm 0.1\%$ @ 24K

Output power: 200W @ 208K

500W @ 24K

Input Power :22-31V DC or 180-260V AC

Consumption Power: 100W

Recorder: Large capability hard disk
Interface: 6 x RS232 serial port, 1x USB

Main Unit

Dimensions: 530 x 440 x 215mm

Weight: 15kg

Transducer

Weight: 20kg

Cable Length: 15m (adjustable)

Supporting Tube:

Dimensions: 2 x 1.5m

Weight: 13kg