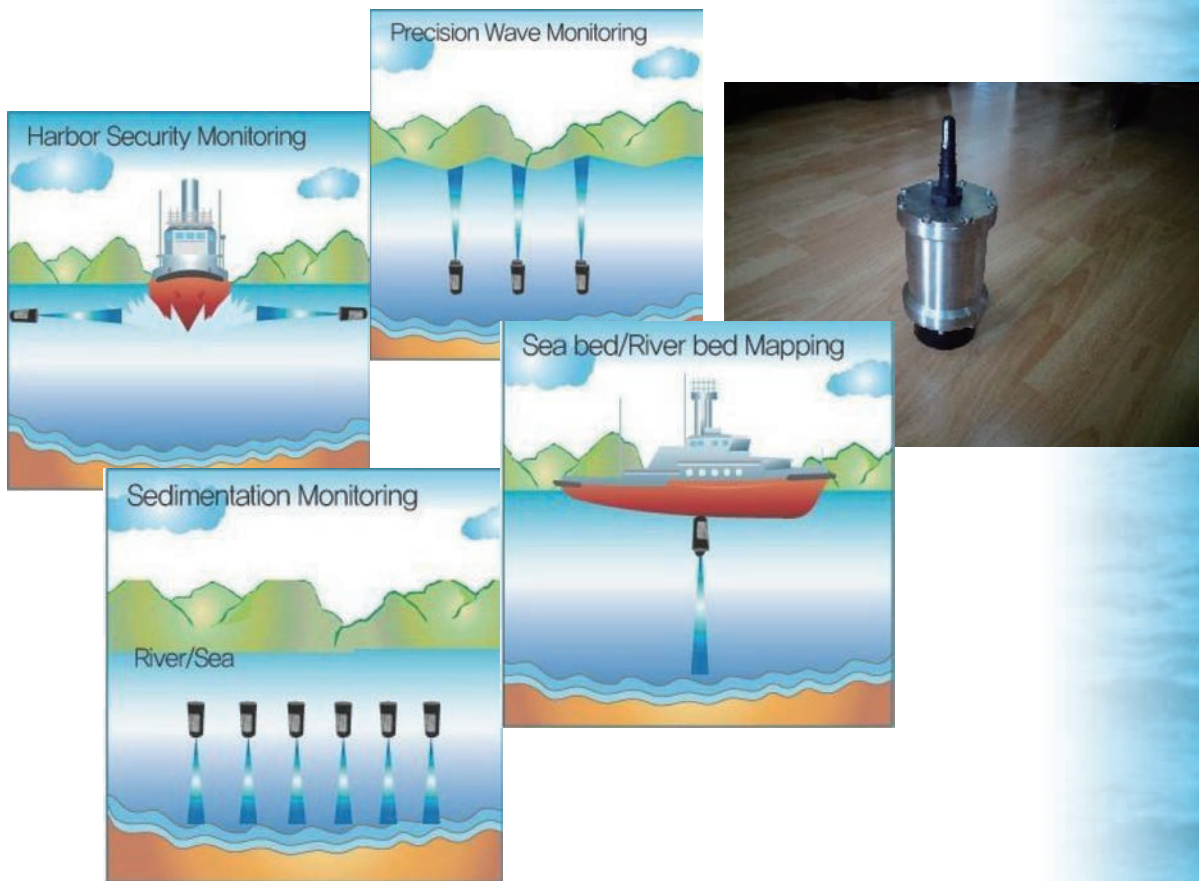


HY1610

水下高度计 Underwater Altimeters



简介

HY1610水下高度计适用于深海环境，能够精确测量并显示拖体和水体底部之间的距离，使水下设备处于水底上方精确的高度从而对其进行保护。整套系统全部采用测深软件自动控制测深，智能动态信号检测、识别和锁定跟踪，实时监测和控制测深全过程，保证了测深系统的高等级测深精度和可靠性。测深数据通过串口传输实时在控制运行软件中显示、存储，是目前国产最为先进和可靠的水下高度测量设备。

Introduction

HY1610 underwater Altimeters is suitable for deep sea environment, which can measure and display the accurate distance from towed object to the bottom of the water. The whole system automatically controls the survey, detects the intelligent dynamic signal, makes identification and tracking, real-time monitors through sounding software. The system proves to be of high accuracy and reliability. Bathymetric data transmission via serial port can be displayed and stored in control software. Our device is currently the most advanced and reliable in domestic.

技术参数

Specifications

技术性能

测量频率:	208KHz, 波束角 $\leq 8^\circ$
测深范围:	0.5~200m
精度:	1cm \pm 0.1%所测深度
发射脉宽:	0.1~0.5ms
输出功率:	分四档可调
最大工作水深:	4000m
输入电源:	18~36V DC
通讯:	RS232
测量速率:	最大20次/秒
数据传输速率:	2.5次/秒
工作环境:	-10 $^\circ$ C ~ 50 $^\circ$ C

Specifications

Operating Frequency:	208KHz, Beam width $\leq 8^\circ$
Depth Range:	0.5~200m
Accuracy	1cm \pm 0.1% Range
Transmit Pulse Width:	0.1~0.5ms
Output power:	adjustable with four modes
Max Depth:	4000m
Power Requirement:	18~36VDC @300mA
Serial interface:	RS232
Sampling Rate:	Max.20Hz
Data Transmission:	2.5Hz
Temperature Range:	-10 $^\circ$ C ~ 50 $^\circ$ C

整机配置

长度:	248mm
直径:	116mm
空气中重量:	7kg
水中重量:	5.1kg

Composition

Length:	248mm
Diameter:	116mm
Air weight:	7kg
Water weight:	5.1kg

