

### HOYTEK ALTIMETER

Hoytek Altimeter is a compact and rugged altitude sensor that's perfect for Observation Class ROVs , AUVs and other platforms where highly accurate altitude measurement is required.



### FEATURES

- ⊕ Field proven
- ⊕ Continuous & Pooling Modes
- ⊕ Customizable Speed of Sound
- ⊕ Customizable Range
- ⊕ Echo Gain Mode
- ⊕ 300msw Depth Rated
- ⊕ Supports NMEA Protocols

### MCBH6M-SS CONNECTOR

1. 0 VDC
2. 9 – 24 VDC
3. Tx
4. Rx
5. Ground
6. Not Used



Integration Support



Remote Support



ROV Training



1 Year Warranty

## MECHANICAL

Diameter	65mm
Length	135mm (without connector)
Weight in Air	840g
Weight in Water	400g
Housing Material	Aluminium 6061
Depth Rating	300msw

## SOFTWARE

Data Mode	Continuous or Pooling
Data Output	HEX, String and NMEA
Device ID	0-255
Customizable Speed of Sound (For different values of salinity)	
Customizable Range	

## COMMUNICATION & POWER

Digital	RS232
Baudrate	9600 – 115200
Input Voltage	9-24 VDC

## TRANSDUCER

Minimum Range Resolution	3 mm up to 17 meter range 9 mm up to 50 meter range 24 mm over 50 meter range
Acoustic Frequency	500 kHz
Beam Width (2-way, conical)	about 5 degrees
Modulation	CHIRP with 20 kHz bandwidth monotone ping also supported
Minimum Range	0.3m
Maximum Range	100m

## FLEXIBILITY

Hoytek Altimeter not only can be used as an altimeter for ROVs and AUVS, but also can be used for bathymetry work of a USV, obstacle avoidance application and any underwater distance measurement operation.



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