

**CHCN**AV

**D230**

**SINGLE BEAM  
ECHO SOUNDER**



**MARINE SURVEY &  
CONSTRUCTION**

# **COST-EFFECTIVE SINGLE BEAM ECHO SOUNDER**

The D230 is a single beam echo sounder making hydrographic surveying simpler and more productive. Particularly design for shallow water bathymetric survey, the D230 features and sounding accuracy of  $\pm 0.01 \text{ m} + 0.1\% \times D$  and a detection range 0.15 m to 200 m.

Advanced water depth analysis algorithm filters the secondary echo automatically and professional depth-keeping configuration ensures accurate results by eliminating noise interference. The gain, power and range are also adjusted automatically.

## **INTEGRATED ECHO-SOUNDER FOR SHALLOW WATER**

**Affordable and professional  
for any bathymetric survey  
in shallow water.**

- 200 KHz transducer for shallow water surveying
- Compact and portable with consistent and accurate results
- Easy to connect with your computer and GNSS receiver
- Anti-interference technology automatically filters second echo
- Software controlled with automatic parameter adjustments

 **COMPACT  
& AFFORDABLE**



# PROFESSIONAL SINGLE BEAM ECHOSOUNDER

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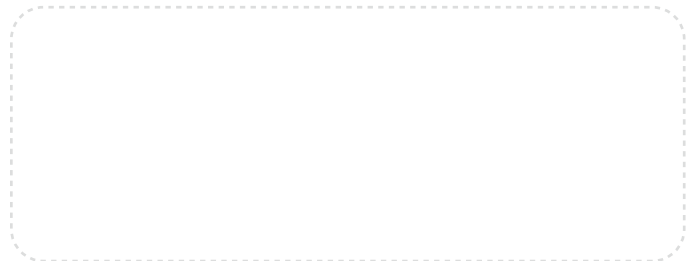
# SPECIFICATIONS

Measurement Parameters	
Detection Range	0.15 m to 200 m
Resolution	0.01 m
Accuracy	$\pm 0.01 \text{ m} + 0.1\% \times D$ (D = water depth)
Frequency	200 KHz
Sound Velocity Adjustment Range	1300 m/s to 1700 m/s
Beam Angle	$6.5^\circ \pm 1^\circ$
Data Type	CHCNAV, NAME SDDPT/SDDBT, Original waveform

Physical	
Size (L x W x H)	24 cm × 16 cm × 6.5 cm (host) 25.7 cm × 12cm × 6.4 cm (transducer)
Weight	1.1 kg (host) 2.15 kg (transducer)
Pulse Power	300 W
External Power	10 - 30 VDC
Operating Temperature	-30°C to +60°C (-22°F to +140°F)



\*All specifications are subject to change without notice.



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