

CHCNAV

D270

SINGLE-BEAM ECHO SOUNDER



MARINE SURVEY

# SINGLE-BEAM ECOSOUNDER BATHYMETRIC SURVEY

D270 is a portable, single beam echosounder that integrates a built-in water temperature sensor to enable real-time correction of sound velocity in response to temperature changes, resulting in superior depth measurement accuracy.

The D270 echosounder is a cost-effective solution for a variety of applications, including river cross-section measurements, reservoir capacity assessments, and dredging volume analysis. Operating on a Linux platform, the D270 features intuitive web-based parameter configuration and seamless chart plotting, simplifying survey tasks and improving efficiency. With 8GB of internal memory, it provides ample data storage for even the most extensive bathymetric surveys.

## VERSATILE SINGLE BEAM ECHO SOUNDER

The D270 is a complete package consisting of the D270 controller, a transducer with built-in temperature probe,

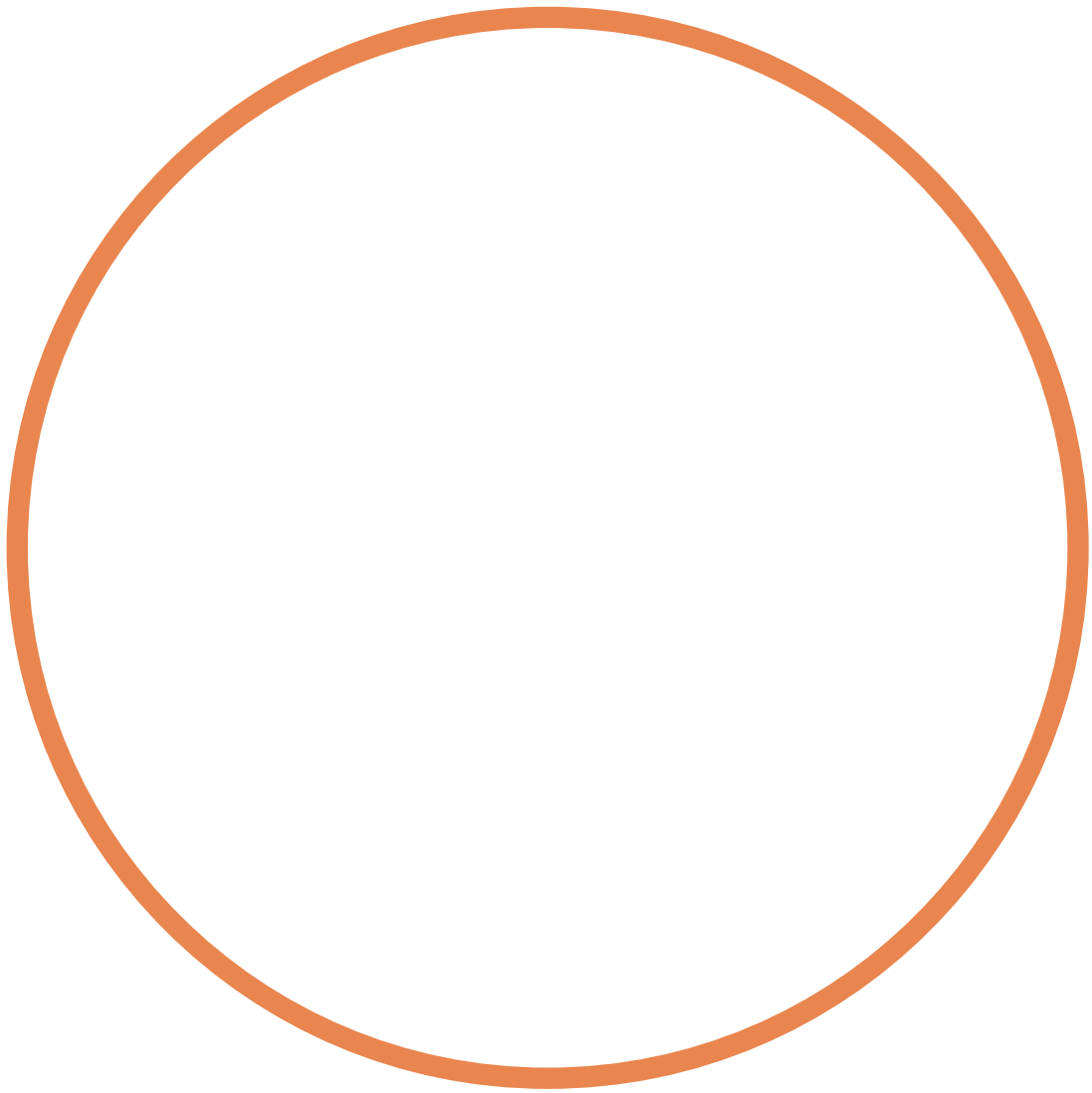
## GREATER CONVENIENCE AND EFFICIENCY

## INFORMATION AT A GLANCE

## ENHANCED OPERATIONAL SAFETY



SINGLE-BEAM  
ECHO SOUNDER



# SPECIFICATIONS

Measurement Parameters		Physical	
Frequency	200 kHz	Size (L x W x H)	25.7 cm × 12 cm × 6.4 cm (transducer)
Depth Range	0.15 m to 200 m	Weight	0.84 kg (host) 2.15 kg (transducer)
Resolution	0.01 m ± 0.01 m + 0.1% x D (D = water depth)	Environmental	Operating temperature: -20°C ~ +60°C (-4°F ~ +140°F) Storage temperature: -40°C ~ +70°C (-40°F ~ +158°F)
Maximum sample rate	30 Hz 1300 m/s to 1700 m/s	IP Rating	IP67
Electrical		Material	OLED display
Maximum transmit power	300 W 10 W		
External power	10-36 V DC / 100-240 V AC		