

# SEAPRO233

## Single- and Dual- Frequency Survey Echo-sounder

- High Precision bottom tracking for hydrographic surveys
- Single or dual frequency
- Easy interfacing
- Water column data (Optional)



### Application area

Hydrographic, oceanographic and geophysical surveys.

### Your benefit

- Robust
- Easy to operate
- Hypack-ready
- Adaptive algorithms for high precision bottom tracking
- High resolution single/dual frequency data display

### Technical data

Frequencies:.....Low: 33 kHz, High: 200 kHz  
 Max Range Scale:.....1500 m @ 33 kHz and 300 m @ 200 kHz  
 Units:.....Meters, fathoms, feet selectable  
 Gain control:.....TVG  
 Output Power:.....Max 650 W RMS, depending on range scale  
 Interfaces:.....RS232, RS422, Ethernet  
 Output: .....Depth (NMEA 0183 DBT, Hypack interface-ready)  
 Input: .....GPS (NMEA-0183 GGA), HRP  
 Power supply:.....220 VAC, 60 Hz  
 Display:.....Laptop display (remote), optional with integrated display and keyboard  
 Weight (Controller):.....6 kg  
 Dimensions (Controller):.....36 x 18 x 42 cm  
 Data Storage:.....SSD data storage for up to 24 hours with position, date and time auto-tagged  
 Classification:.....IMO compliant  
 Operating Temperature:.....0°C...+60°C  
 Hardware Design:.....Rugged construction

### Typical Configuration

