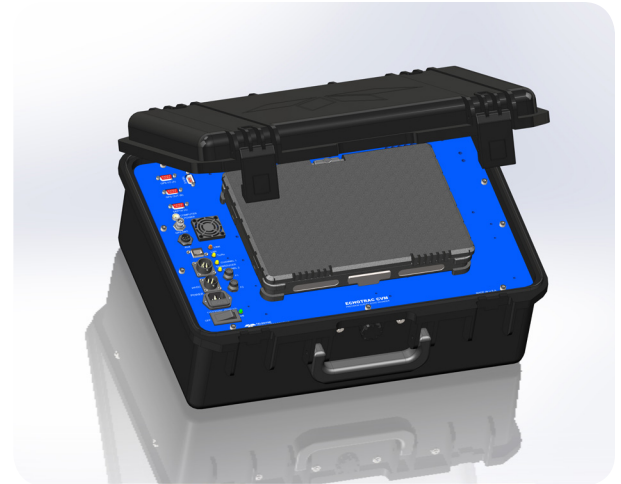


Teledyne Odom Hydrographic

Echotrac CVM

Mobile Hydrographic System

Tough and Portable



The rugged and weatherproof ECHOTRAC CVM outperforms other echo sounders in its class, offering the utmost in portability without sacrificing Teledyne Odom performance standards.

With a choice of dual or single frequency operation, optional built-in DGPS and notebook PC bundled with your choice of data acquisition software, the CVM has everything you need in an echo sounder – even when portability isn't an issue.

- Portable carry-on case style supports a dual frequency echo sounder with optional DGPS receiver, notebook PC and bundled data acquisition software.
- Features include Ethernet LAN interface, frequency agile configurable transceivers, standard serial interfaces for data acquisition systems, motion sensors and DGPS receivers.

PRODUCT FEATURES

Options

- Single or dual frequency operation
- Side scan transducer – single or dual channel side-looking 200 kHz or 340 kHz for search and reconnaissance
- Built-in DGPS
- Ruggedized notebook PC bundled with data acquisition software



Echotrac CVM

Mobile Hydrographic System



TECHNICAL SPECIFICATIONS

Frequency	High band: 100kHz - 340kHz Low band: 24kHz - 50kHz
Output Power	High: 200kHz-350W RMS max Low: 24kHz-420W RMS max
Input Power	24VDC (nominal) 15 watts 110 or 220VAC
Resolution	0.01m/0.1 ft
Accuracy	0.01m/0.10 ft +/- 0.1% of depth @ 200kHz 0.10m/0.30 ft +/- 0.1% of depth @ 33kHz
Depth Range	0.2-200 m/ 0.5-600 ft.@ 200kHz 0.5-600 m/1.5-1968 ft.@ 33Hz
Phasing	Automatic scale change, 10%, 20%, 30% overlap or manual
Sound Velocity	1370-1700m/s Resolution 1m/s
Transducer Draft Setting	0-15m (0-0 ft)
Depth Display	On control PC
Clock	Internal battery backed time, elapsed time and date clock
Annotation	Internal-date, time, GPS position External-from RS232 or Ethernet
Interfaces	2 x RS232 Inputs from external computer, motion sensor Outputs to external computer Ethernet interface Heave-TSS and sounder sentence
Blanking	0 to full scale
Software	E-Chart display, control, and logging software
Help	The function of each parameter and its minimum and maximum values can be displayed.
Environmental Operating Conditions	0°-50°C, 5-90% relative humidity, non-condensing
Dimensions	55cm W x 41.5cm D x 21.5cm H
Weight	14kg (31lbs)