

By : BORDAR MABNA CO,SA TEHARN - IRAN

CEESTAR™

Compact Dual Frequency Survey Echosounder

Compact

The CEESTAR™ is capable of fast deployment in vessels of opportunity and has been designed to be simple to use in the field without compromising the quality of the data collection.

Rugged

Housed in a rugged Pelican case the CEESTAR™ has been built to withstand the harsh marine environment, with high quality components utilised to ensure a long service life.

Dependable

Currently in use worldwide by defence forces, port & harbour authorities, educational institutes and environmental agencies.

It is used in applications ranging from dredging and engineering surveys to beach profiling for environmental studies.

Expandable

The CEESTAR™ has the ability to accept various external inputs, including: the user's own GPS, tide and heave inputs.

When integrated with HYPACK survey software and a GPS the CEESTAR™ is a complete hydrographic survey system.



www.ceehydrosystems.com

WWW.BORDARMABNA.COM TEL : ۸۸۶۶۴۸۱۰



General Specifications

Physical

Dimensions	24.5 x 19.5 x 11.5 cm (L x W x D) 9.65" x 7.68" x 4.53"
Display	2 x 20 Backlit LCD with contrast control
Weight	2.75 kg (6.07 lbs)
Colour	Pelican Yellow
Connectors	LEMO 1B & 2B series

Environmental

Operating temperature	0°C-50°C (32°F-122°F)
Humidity	95% non condensing
Ingress protection rating	IP65

Power

Power consumption	4 watts (approx operating time 12 hours)
Internal battery	Rechargeable high capacity NiMH battery 10Ah
External power supply	Nominal 12.0 VDC @ 2A (9-24 VDC range)

Echosounder

Depth range	200 kHz 0.3-99.9 m 30 kHz 0.75-99.9 m
Maximum ping rate	6 Hertz
Accuracy	1 cm ± 0.1% of depth
Resolution	1 cm

Transducer Options

Standard 200kHz (Std)	200 kHz, 8° beam width @-3dB
Narrow Beam 200kHz	200 kHz, 2.7° beam width @-3dB
Dual 200/30 kHz	200/30 kHz, 8°/19° beam width @-3dB

External Data Interfaces

GPS input	NMEA 0183
GPS message	GGA + VTG
Heave input	TSS 1
Tide input	CEETIDE
Baud rate	4800 – 115200
Data bits/parity/stop bits	8/N/1



- Specifications are subject to change
 - Visit www.ceehydro.com for the complete list of specifications
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