CEETIDE™

The Portable Precision Radar Tide Gauge

Compact

The CEETIDE™ is a simple to install, extremely low maintenance and easy to operate radar tide gauge recorder. It has all the necessary features to accurately monitor tidal movements in a compact system.

Rugged

The CEETIDE™ is made up of components that are designed and manufactured to withstand hash marine environments. These components are then encased in a virtually indestructible Pelican case.

Dependable

One of the main features of the CEETIDE™ system is that it does not have any moving parts or sensors submerged in water. This greatly reduces the amount of maintenance required to maintain an accurate tide gauge installation. The probe can be discreetly mounted to prevent theft or vandalism.

The CEETIDE™ can either be permanently installed for port operations or can be used as a portable tide recorder requiring minimal setup.

Expandable

The CEETIDE™ can function as a standalone system or as part of an integrated network of tide gauges. It also has the ability to log various environmental factors such as, wind (speed and direction), humidity and temperature.

CEE HydroSystems™

www.ceehydrosystems.com

CEETIDE™

General Specifications

Physical

Dimensions	36.5 x 29.5 x 15.5 cm (L x W x D)
	14.37" x 11.61" x 6.10"
Display	320 x 240 Backlit LCD with contrast control
Weight	5.6 kg (12.4 lbs)
Colour	Pelican Yellow
Connectors	LEMO 1B series, TNC (telemetry), CA 6+E

Environmental

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

Power

Power consumption	1.8 watts (average)
Internal battery	Rechargeable SLA Battery 7.0 Ah
External power supply	Nominal 12.0 VDC @ 1A

Radar Probe Options

Short range	0.5 - 15 m (1.64 - 49.21 ft)
Long range	0.5 - 35 m (1.64 - 114.8 ft)
Cable length	15 m (49.21 ft) – options available

Logging

Memory capacity (STD)	65,000 Tide readings (Flash memory)
Extended memory (Opt)	16,500,000 Tide reading (Flash memory)

Data

Log interval	1, 2, 5, 6, 10, 15, 20 or 30 minute/s
Real time output interval	5, 10, 15, 30 or 60 seconds

Telemetry Module Options

UHF	Range 1 - 10 km (0.6 - 6.2 miles)
VHF	Range 1 - 20 km (0.6 - 12.4 miles)
GSM	Range network dependant
HSPA	Range network dependant
Bluetooth	Range 10 - 300 m (32 - 984 ft)

- Specifications are subject to change
- Visit www.ceehydrosystems.com for the complete list of specifications
- v11185

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For more information contact Synergy Positioning Systems or
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