

SEATRACK 222B



KONGSBERG



THE PROFESSIONAL GNSS TRACKING SOLUTION

The Seatrack 222B represents the state-of-the-art in relative GNSS tracking systems combined with over 20 years of operational experience in extreme maritime environments. Utilizing the latest in GNSS technology, the Seatrack 222B transponder is tailored to applications demanding a high-end solution in reliability and accuracy. Seatrack 222B has an internal battery for operation up to 48 hours while transmitting data over UHF-radio.

TECHNICAL SPECIFICATIONS

PERFORMANCE

Accuracy	<10 cm
Update rate	Up to 1 Hz

GNSS

GPS L1/L2
GLONASS L1/L2
C/A code and carrier phase
Multipath mitigation

RADIO

UHF	
Frequency	450-470 MHz
Channel separation	25KHz
Transmission power	0.5W
Typical range	15 km (line-of-sight)

POWER (Battery operated)

Battery type	Li-ion
Capacity	3 x 98 Wh
Mean power consumption	4 W
Operating time (from fully charged)	72h
Charging time from 10%	12h

WEIGHTS AND DIMENSIONS

Diameter	15 cm
Height	80 cm
Weight	6.5 kg

ENVIRONMENTAL SPECIFICATIONS

Operational temperature range	-10°C - +55°C
Storage temperature range	-30°C - +60°C
Enclosure protection	IP 68, 10 m

STANDARDS AND REGULATIONS

Electromagnetic compatibility	
Compliance to EMC, immunity/emission	IEC 60945/EN 60945
Product safety	
Compliance to LVD, standard used	IEC 60950/EN 60950

Specifications subject to change without any further notice.

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