

Seatrack 220



KONGSBERG



The professional GNSS tracking solution

The Seatrack 220 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 220 transponder is tailored to applications demanding a high-end solution in reliability and accuracy. The Seatrack 220 transmits data through serial interface or UHF-radio.

Technical specifications

Performance

Accuracy	1 m
Update rate	Up to 1 Hz

GNSS

GPS L1

Radio

UHF	
Frequency	450 - 470 MHz
Channel separation	12.5 kHz
Transmission power	0.5 W
Typical range	15 km (line-of-sight)

Weight and dimensions

Diameter	150 mm
Height	810 mm
Weight	4.5 kg

Power specifications

Supply voltage	10 - 36 VDC
Mean power consumption	4 W

Environmental specifications

Operating temperature	-10 °C - +55 °C
Storage temperature	-30 °C - +70 °C
Enclosure protection	IP68, 10 m

Standards and regulations

Electromagnetic compatibility	
Compliance to EMC, immunity/emission	IEC 60945/EN 60945

Product safety

Compliance to LVD, standard used	IEC 61010-1/EN 61010-1
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Specifications subject to change without any further notice.