

# SEATRACK 222



KONGSBERG



## THE PROFESSIONAL GNSS TRACKING SOLUTION

The Seatrack 222 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 222 transponder is tailored to applications demanding extremes in reliability and accuracy using both GPS and GLONASS L1&L2 band. Seatrack 222 transmits data through serial interface or 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	12.5 kHz
Transmission power	0.5W
Typical range	15 km (line-of-sight)

#### I/O

UHF Radio
RS-232
Different connector options available

#### WEIGHTS AND DIMENSIONS

Diameter	15 cm
Height	80 cm
Weight	4.7 kg

#### POWER

Supply voltage	10-36 V DC
Mean power consumption	4 W

#### ENVIRONMENTAL SPECIFICATIONS

Operational temperature range	-10°C - +55°C
Storage temperature range	-30°C - +70°C
Enclosure protection	IP 68, 10 m

#### STANDARDS AND REGULATIONS

##### Electromagnetic compatibility

Compliance to EMC, immunity/emission	IEC 60945/EN 60945
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##### Product safety

Compliance to LVD, standard used	IEC 60950/EN 60950
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*Specifications subject to change without any further notice.*

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