MAGELLAN

First operational countermeasure system against GNSS spoofing and jamming

TRUST YOUR COURSE
WHEN GNSS CANNOT BE TRUSTED

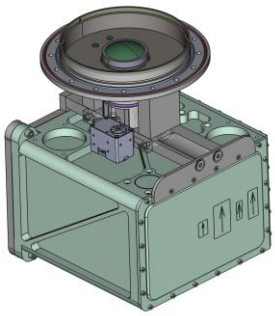
STARNAV
Quartier KOENIG
29, rue Jean-Louis Cartigny
14760 Bretteville sur Odon
France

+33 2 31 74 18 82
contact@starnav.fr
www.starnav.fr

STARNAV

FEATURES

MAGELLAN is an astro-inertial position and attitude determination system independent of any radio-navigation source (GNSS).

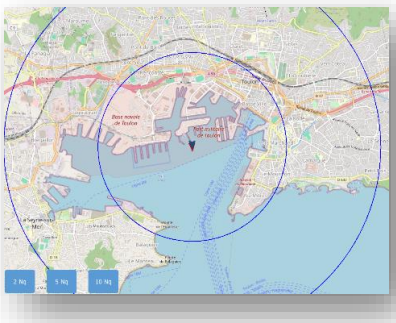


Opto-inertial block
Fixed installation on a clear area

- Field of view : 83°
- Channels : daylight + night
- Size : L 530 x d 290 x H 380 mm
- Weight : 22 kg + support
- Power supply : POE (110 W max)
- Inertial measurement unit : integrated
- Optics protection : integrated
- Window wiper and spray : integrated

Computing unit

- L 500 x D 400 x H 250 mm
- Weight : 20kg
- Power supply : 115/230 V AC or 12 V DC
- Industrial computing unit : IP65
- Time server : PTP, PPS + ZDA
- Outputs : NMEA multicast UDP, NMEA RS 422, NMEA RS 485



Performance

- Latitude, longitude : 0,25 NM (1σ)
- Pitch, Roll , Heading : 36 arcsec(1σ)
- Time drift : <100µs/day
- Data frequency : 100 Hz
- Availability rate : 100%

www.starnav.fr

All data and information presented in this document are the property of STARNAV.
This document is disclosed for information purposes only. STARNAV reserves the right to modify specifications without prior notice.

STARNAV