

**G-STELL SEXTANT** (stellar geo-reference) is a strapdown astral tracker able to deliver the user's position observing Sun, Moon, Planets and Stars.



From the early ages of human knowledge, sextant has not changed for centuries.

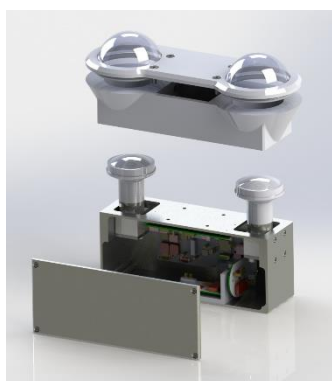
Based on reading the height of a star, the use of traditional sextant requires a good command of the instrument, stability of the position of use, visibility of the horizon, a hypothesis on its position and the ability to use astronomical tables to go back to his position.

STARNAV used the skills acquired in the astral navigation domain to develop an electronic sextant.

Composed of a camera and an inertial platform, G-Stell allows, pointing an astral object (Sun, Moon, Planet, Star)

- without knowledge of the celestial body (star recognition algorithm),
- without hypothetical position,
- without visibility on the horizon,
- without astronomical knowledge,

to determine its position.



**The revolutionary successor to the sextant is arrived. A real alternative to GPS is now independent and robust to interferences and jamming!**

**Performances:**

Position accuracy: 3 NM (Nautical Mile)

Measurement duration:

Sun: 3 measurements / 5 minutes delay; stars: immediate

Size: L 270x180x100 mm

Weight: 700g

**Contact :**

[contact@starnav.fr](mailto:contact@starnav.fr)

[www.starnav.fr](http://www.starnav.fr)

tél. : +33 2 31 74 18 82

11 rue de Navarre

14370 MOULT - CHICHEBOVILLE

FRANCE