

# EM-O2-E3300 - Inertial Navigation Unit

*Emrys Industries*

*A Tamahagane Company*

The EM-O2-E3300 is an Inertial Navigation Unit<sup>1)</sup> that helps the satellite to maintain its position. It detects any movement in all three axes and provides the data to the control unit for use in correcting.

The system contains a computer, motion sensors and gyroscopes to continuously calculate the position, orientation, and velocity (direction and speed of movement) of a moving object without the need for external references.



<sup>1)</sup>

 [Inertial navigation system](#)

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