

Why professionals choose the Zubax GNSS 2 over economical hobby-grade devices:

- **Onboard Compass & Barometer**
 - Provides dramatically better magnetometer and pressure readings than those found onboard common autopilot devices. Heading and altitude control, particularly in the UAV use cases, is critical for vehicle stability and the Zubax GNSS 2 plays a major role in stable vehicle operations.
- **Communication over the CAN bus**
 - Most hobby-grade receivers communicate over a serial connection which is more susceptible to EMI disturbances which is not acceptable in mission critical applications
- **Redundancy**
 - Unlike hobby-grade GNSS receivers, the Zubax GNSS 2 is capable of communicating over a second line in the event of failure by the first line. Communication fail-over assures you that your device is always transmitting position, heading and barometer data. This receiver is uniquely capable of self-diagnostics and failure detection.
- **Excellent multi-path rejection**
 - Superior design and a well-tuned antenna allows for excellent position estimation, particularly when the receiver is in near proximity of a structure (i.e. in suburban environments)
- **Well Documented**
 - The Zubax GNSS 2 has been designed and inspired by its predecessor which successfully launched in 2014. The Zubax GNSS 2 is fully supplemented by technical data sheets and integration documentation which is utilized by professionals, research organizations, and federal agencies.
- **Performance**
 - The Zubax GNSS 2 incorporates a shielded u-Blox chipset that has been configured to track and utilize three concurrent GNSS navigation constellations. More satellites in view allows for a higher precision in position estimation.



For more information or for integration support, contact Zubax Robotics:



Zubax Website: <https://zubax.com/>
Zubax Support Forum: <https://forum.zubax.com/>
Zubax GNSS 2 Product Page: https://zubax.com/products/gnss_2

The Zubax GNSS 2 is manufactured by:

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