

Differences between Altus NR2 and Altus NR3

The Altus NR3

The Altus NR3 is a multi-frequency, quad-constellation (GPS, GLONASS, BeiDou and Galileo) RTK receiver for survey and GIS applications. The Altus NR3 features Septentrio's pioneering AIM+ interference mitigation and monitoring system allowing continued operation in the presence of both intentional and non-intentional interference. The Altus NR3 combines advanced GNSS features with a robust communications suite together in one compact, low-power and easy-to-use unit.

Key Features

- Robust, light and portable GNSS receiver
- Quad constellation, multi-frequency, all-in-view RTK positioning
- 4G GSM connectivity
- AIM+ anti-jamming and monitoring system
- Easy setup and one-tough logging
- All-in-one base and rover operation
- SECORX support with L-Band signal tracking for PPP positioning

Improving on the Altus Network Rover

The Altus NR3 offers significant improvement versus the previous Altus NR2 including:

- Addition of BeiDou, Galileo, QZSS and IRNSS with triple frequency tracking
- Quad-constellation RTK (not only tracking)
- Onboard interference monitoring AIM+ including spectrum analyzer on web
- NTRIP Caster functionality
- User Authentication for extra security on remote access and base/rover setups
- TCP2Way connectivity (bi-directional TCP connectivity)
- User reconfigurability of USB for automatic storage
- User reconfigurability of power button functionality
- Improved HW robustness on power management helping better data call connections
- 16 GB internal memory
- Busytag for internal logging to detect when files that are currently written
- General improvements on the web interface including extra wizards for connectivity
- The base station ID range in the GGA NMEA message (0-1023) has been increased to (0-4095) to support the RTCM base ID definition.

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