

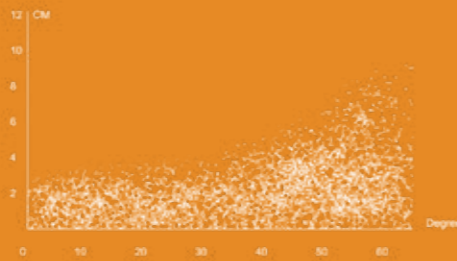
N5 IMU RTK

Up to 60° tilting compensation, no need to center the bubble, enables to measure quickly and acquire the precise position easily.

More Flexible

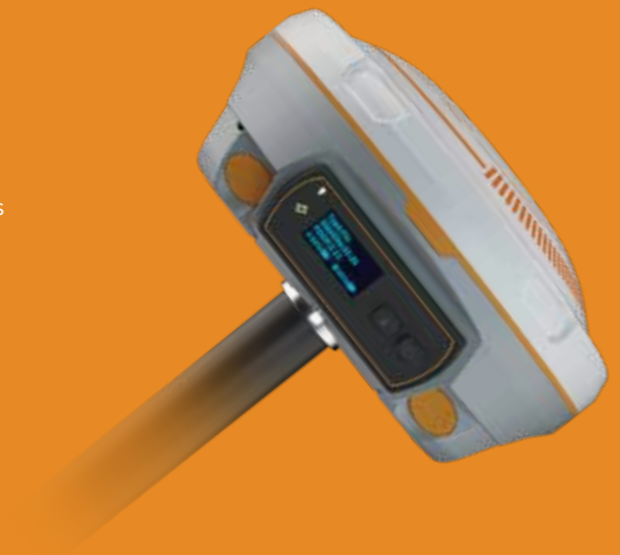
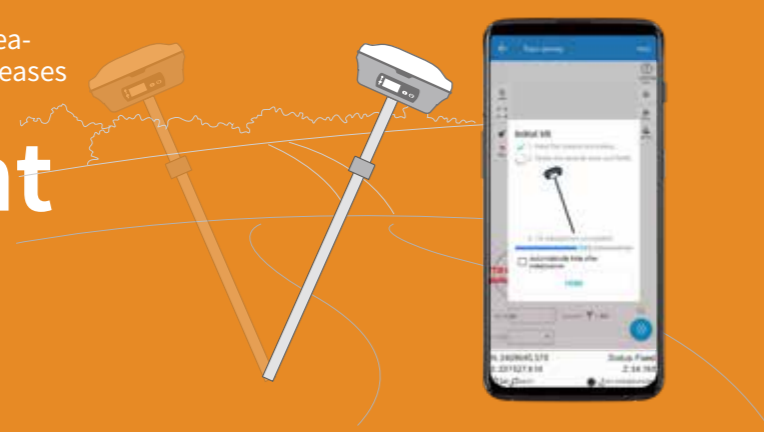
With in-built IMU and adopted self-developed core algorithm, the N5 IMU GNSS Receiver is free of magnetic interference and calibration, and can bring the accurate and reliable surveying results.

More Reliable



One-time adjustment for successive tilting measurement with centimeter-level accuracy increases work efficiency.

More Efficient



Features



Full constellations tracking
 Powerful tracking capability with 1198 Channels
 Support all current and future GNSS constellations
 Improved fixed rate by integrated with new anti-interference algorithm technology



Enhanced OLED Display
 Sunlight readability for a clear, easy-to-read viewing experience
 Handle all of surveying operations on screen freely



6800mAh Large Li-battery
 Last over 24hrs' work time.
 Support mobile charging, no worry about power-off



Enhanced UHF* for long range
 Up to 15km work range with 2W power consumption
 Integrated UHF ranges from 410 to 470 MHz with 12.5 KHz channel spacing



Rugged housing
 IP 67 waterproof and dustproof
 Survive a 2m drop onto concrete



Web-based UI
 Available for users to check receiver status via the web UI.
 Easily download the static data without connecting cable



Industry-leading low power consumption
 1.7w power consumption in static mode, which prolongs working time and reduces heat generation



Seamlessly Work with GNSS Network RTK Corrections
 Perfectly work with all kinds of CORS world-wide with in-built 4G modem

* UHF is removable according to specific regulation in different countries.

R550 Data Collector



IP67 waterproof and dustproof

In-built 7000mAh battery supports at least 24hrs' work

64GB storage

5" capacitive touch screen with sunlight readability

Support of Bluetooth, WIFI and 4G

Typical Type-C interface

Less than 4 hours PE fast charging

Octa-core 2.0GHz processor

