



The Altus NR2 incorporates the latest GNSS technology and wireless capabilities into a compact design to provide you with a Network Rover featuring onboard configuration and extended operation time.

Compact and light for ultraportability for any job, your Altus NR2 offers you RTK accuracy for surveying and GIS applications. For straightforward configuration and status monitoring, the Altus NR2 features an onboard web interface fully accessible via Wi-Fi.

This makes your Altus NR2 configurable from a browser with any operating system via the Wi-Fi functionality. You gain real time data streamed by Bluetooth for a completely cable free operation.

A 3.5G Quad-band GSM/GPRS/EDGE + HSPA cellular modem supports reliable RTK network connectivity with an intelligent reconnect feature for automated operation.

The Altus NR2 is fully compatible with Septentrio's GIS solution, PinPoint-GIS featuring an onboard collection tool for GIS with PinPoint-GIS web.

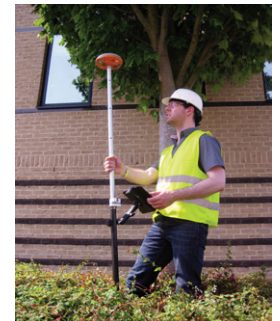
## FEATURES

- ▶ 132 Channel GPS + GLONASS + SBAS receiver
- ▶ Integrated Quad-Band GSM/GPRS/EDGE + HSPA Modem
- ▶ Integrated Wi-Fi
- ▶ Integrated Bluetooth
- ▶ Web Interface configuration
- ▶ Four Hot-Swap Li-Ion Batteries
- ▶ Onboard 8 GB memory
- ▶ Onboard GIS collection thanks to PinPoint-GIS

With Septentrio's open architecture philosophy, you have the choice of data collector software from MicroSurvey FIELDGenius or Carlson SurvCE.

### The Altus NR2 is Simply Better Value by Design

GNSS precision and reliability are subject to anomalies due to multipath, obstructions, satellite geometry, and atmospheric conditions. Contact Septentrio for more information.



## SPECIFICATIONS

Channels	132
GPS	L1/L2/L2C
GLONASS	L1/L2
SBAS	WAAS, EGNOS, MSAS, SBAS
DGPS	Ht: 0.50 m; Vert: 0.90 m
RTK	Ht: 0.6 cm + 0.5 ppm, Vert: 1 cm + 1 ppm
Static	Ht: 2 mm + 0.5 ppm, Vert: 5 mm + 0.5 ppm
Output Rate	25 Hz
Latency	<20 ms
Average Time To Fixed RTK	<7 s
Cold Start	<45 s
Warm Start	<20 s
Re-acquisition	<1.2 s
Integrated Cellular Modem	Quad Band GSM/GPRS/EDGE 850/900/1800/1900 MHz Tri-Band UMTS HSPA 850/1900/2100
Integrated Bluetooth	Class 2
Memory Storage	internal 8 GB
User Interface	LED Panel: Power On/off, Wi-Fi On/Off Browser via Wi-Fi Command & data via Bluetooth
USB Ports	1 x 9-pin Lemo
Waterproofing	IP67
Certification	CE, FCC Class B Part 15
Internal Battery	2 x 3400 mAh
Current Drain	1.0 to 1.5A, peak 3.5A
External Power Input	9 - 30 VDC
Weight	0.7 kg
Dimensions	167 mm x 69 mm
Operating Temperature	-40 °C to +70 °C
Storage Temperature	-40 °C to +70 °C
Shock/Drop	2 m