

GNR Rover Series

Versatile and modular architecture, powerful GNSS hardware and software in one package

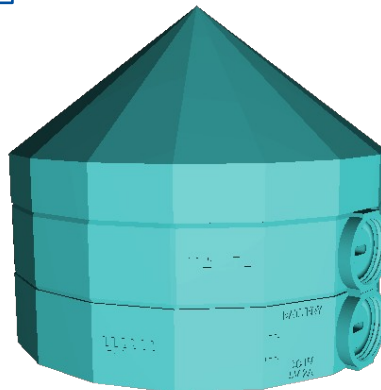
**Multi-band,
multi-system GNSS
support for
global coverage**

Advanced calculations, transformation tools are built in for immediate field use

Client-specific hardware and software customization available

Software compatibility with all common systems Windows, Mac, Android, IOS and Linux

Live data sync options with various online disk storage systems, including: Google Drive, Microsoft OneDrive and Amazon S3



Flexible, common interfaces for communications, data transfers and charging

A/C Wall Outlet, 110-220v, 5v via plug or USB, 12v, POE Ethernet, PV solar array power options available

Up to 48 hours of continuous work on a single charge

Integrated IMU and compass for advanced applications

Drop-in custom software modules are supported via Developer Network integration

Water and dust protection up to IP67

**Advanced
high-precision
antenna options**

**For latest product information, please visit our website
or contact one of our offices.**

FEATURES

4 core 1.2 or 1.5Ghz ARM based processor, Linux based OS
1/2/4/8 GB of RAM
8 GB to 512GB persistent disk options
2.4Ghz + 5Ghz IEEE 802.11 b/g/n/ac Wireless LAN, Wired LAN*
Bluetooth/BLE version 4.2/5.0
84-channel or 184-channel GNSS tracker
L1/L1+L2/E1+E5 single or dual channel frequencies
2-system GPS/GLONASS, 3-system GPS/GLONASS/GALILEO
4-system GPS/GLONASS/GALILEO/BEIDOU options
Up to 20Hz RTK data
NTRIP, NTRIPS, RTCM 3.0, RTCM 3.3, NMEA, RINEX
From 9,000 mAh to 30,000 mAh Li-ion battery options available
Internal IMU and compass*
Secondary External Long range WiFi adapter*
Integrated 40-meter LIDAR, 3cm accuracy*

* Optional feature, availability varies

ADVANTAGES

Variety of multi-band patch and helical antennas, external antennas
Reference station data sharing
RTK data feeding over Bluetooth and IP network
Custom-colored containers, camouflage colors available
3D-printable spare containers via developer network
Hardware and software customization with low MOQ
Client-specific software modules

PRECISION

SINGLE : up to 1.5 meters (CEP)
SBAS : up to 1.0 meter (CEP)
RTK : up to 0.01 meter + 1 ppm (CEP)

MODELS

GNR22-* 2 constellation, single band(L1 only) GNSS receiver
GNR33-* 3 constellation, single band(L1 only) GNSS receiver
GNR48-* 4 constellation, dual band(L1+L2) GNSS receiver
* 6 to 20 character model configuration string

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