

GLRM

Multi-band RTK
rover with tilt
compensation

For both iOS
and Android



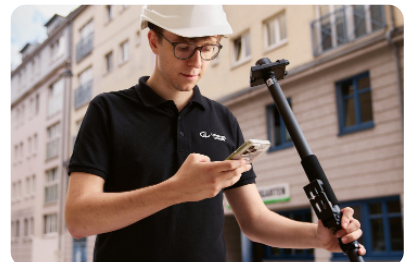
Versatile



PHONE AND TABLET



MINIPOLE



POLE AND TRIPOD

All constellations All frequencies Tilt compensation Jamming proof Spoofing proof

Ultra compact
and lightweight

Rugged
IP67 aluminium case

Magnetically attached
to the mobile device

Wireless charging
of the mobile device

Precise and fast
centimeter accuracy, fix in 5 sec.

Best in class
triple frequency high-gain antenna

Made in Austria

Positioning

GNSS tracked

Galileo E1, E5a, E5b, E6
GPS L1C/A, L1C, L2C, L2P(Y), L5
BDS B1I, B2I, B3I, B1C, B2a, B2b
GLONASS G1, G2, G3
QZSS L1C/A, L1C, L2C, L5
SBAS L1C/A
NavIC L5

Channels 1406

Precision

RTK H: 7 mm + 1 ppm, V: 14 mm + 1 ppm

Tilt compensation < 20 mm at 60°

Convergence time approx. 5 sec

Mechanical

Receiver size L × B × H,
weight 95 × 64 × 12.5 mm
115 g

Receiver + mobile
antenna, weight 198 × 64 × 49 mm
160 g

Receiver + pole
antenna, weight 110 × 70 × 65 mm
260 g

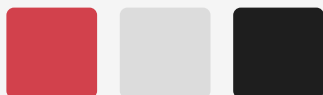
Operating temperature -40°C to +85°C

Ingress Protection IP67

GeolantisNEO App



Available colors



Connectivity

Communication interface BLE 5.3, Serial

Correction data format RTCM3

Position output JSON-based protocol

Electrical

Battery LiPo 2000 mAh

Operation 10 hours

Charging USB-C, 5V, 3A

Errors and technical modification subject to change.

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