

HANDHELD DUAL-FREQUENCY GNSS RTK RECEIVER



PROPOSAL

GEOMETER INTERNATIONAL LLC

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DEVICE DESCRIPTION

The Walker RTK is a compact and easy-to-use instrument for 3D surveying manholes, sidewalks, curbs, steps, landscaping, mapping trenches, and underground utilities such as electricity, gas, water, sewer lines and many more.

Walker RTK is a dual-frequency GNSS receiver (L1, L2) for high-precision coordinate surveying in RTK (Real Time Kinematic) mode.

The standard package includes the Walker RTK GNSS receiver, Helical antenna, bracket for attaching a smartphone to the receiver, charging cable, geometer SCOUT mobile app, carton box packaging.

A Helical antenna is suitable for 90% of tasks, but if desired, you can connect a classic geodesic antenna through the SMA connector. If necessary, the receiver can be attached to milestones and used as a classic surveying RTK receiver. The receiver has a standardized 5/8" thread that fits virtually all accessories (milestones, tripods, etc.).

The Walker RTK GNSS receiver housing is made of a rugged aluminum alloy with a special coating. This makes the device highly resistant to shock and protects it from mechanical damage.



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SPECIFICATIONS

- Dimensions: 310x32 mm
- Weight: 0.27 kg (0.525 kg with mount)
- Gross weight: 0.756 kg
- Thread 5/8"
- Number of channels: 184
- GNSS signals and frequencies:
 - GPS (L1C/A, L2C),
 - GLONASS (L1OF, L2OF),
 - GALILEO (E1B/C, E5b),
 - BEIDOU (B1I, B2I).
- Accuracy horizontal: 14 mm + 1 ppm CEP
- Phase center ~ 0.28 m
- Cold start: 24 sec
- Warm start: 2 sec
- Hot start: 1 sec
- Bluetooth: 4.0
- Battery: 3400 mAh (> 8 hours)
- Ingress Protection: IP67



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APPLICATIONS

- Geodesy and land surveying
- Diverse GIS systems
- Construction support
- Moving object management
- Forestry
- Landscape design
- Municipal Management
- Precision Farming



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EQUIPMENT AND PRICE

- Walker RTK GNSS receiver
- Helical antenna
- Android Software
- Smartphone mount
- Charging cable
- Carton packaging
- Documentation



WALKER RTK + GEOMETER APP

1 250,00 USD

WALKER RTK + GEOMETER APP

1 150,00 EUR



WALKER RTK + SURPAD 4.2

1 500,00 USD

WALKER RTK + SURPAD 4.2

1 400,00 EUR

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