

**handheld**



# GLRTK-RT8

Centimeter-precise positioning for the Handheld RT8

Use the RT8 as a portable RTK receiver with the GLRTK GNSS module.



**GLRTK-RT8**  
GNSS module for the Handheld RT8

Available separately or as a kit



GLRTK-RT8



HANDHELD ALGIZ RT-8



POLE 3 PARTS TRIANGL

## Included in the package



### RECEIVER & ANTENNA

Dual-frequency helix antenna  
RTK receiver module



### TWO CABLES & MOUNTS

10 cm antenna cable for RT8  
Antenna mount for RT8 incl. screws  
100 cm antenna cable for survey pole  
Antenna mount for pole with 5/8 thread



### HARDCASE

Rugged hardcase for transport  
and storage

## Applications



### GIS & MAPPING



### SURVEY & STAKE OUT



### FOREST INVENTORY



### UTILITIES MANAGEMENT



### ARCHEOLOGY



### PRECISION FARMING

#### Electrical

Input voltage: Handeld Backdocking connector 4.75 – 5.5 V

Antenna DC bias 3.3 V

Average current consumption at 5 V 200 mA

#### Mechanical

Size 60.5 × 44.5 × 8.5 mm

Weight 30 g

Operating temperature -20 to +65 °C

#### Connectivity

Interface USB

#### GNSS

Signals GPS/QZSS L1C/A, L2C, GLONASS L1OF, L2OF, BeiDou B1I, B2I, Galileo E1-B/C, E5b

Update rate 20 Hz GPS / 5 Hz GNSS

Tracking channels 184

#### Data

Position output NMEA, UBX (RMC, GGA, GSA, GSV)

Correction RTCM2, RTCM3

#### Positioning

Static H: 4 mm + 0.5 ppm, V: 8 mm + 1 ppm

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

Errors and technical modification subject to change.

## Contact us

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