Real-time Kinematic (RTK)

Options for rugged Android handhelds and tablets

RTK Real-time Kinematic

Real-time kinematic positioning (RTK) helps increase the accuracy of GNSS positions by using a fixed base station that provides real-time corrections to a moving receiver resulting in centimeter-level accuracy. With the 5G/4G capabilities of our rugged computers, you can communicate seamlessly from the field to the back office and rely on steady connectivity to GNSS RTK network corrections.

ALGIZ RT10 RTK

Positioning
Dedicated u-blox ZED-F9P
High precision GNSS receiver
GPS/QZSS, Galileo, GLONASS, BeiDou, SBAS

GNSS Bands
B1I, B2I, E1B/C, E5b, L1C/A, L1OF, L2C, L2OF

Channels
184 channels

Concurrent GNSS
4

RTK Convergence time
<10s

RTK Update rate
20 Hz

RTK Precision
0.01m + 1ppm CEP

Features
Anti jamming, anti-spoofing

NAUTIZ X6

Positioning
RTK expansion u-blox ZED-F9P
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Scan the QR code to learn more

handheld