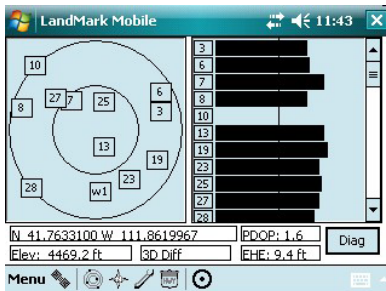


LandMark Mobile

A GPS Utility



Landmark Mobile is a GPS utility that serves as a bridge between a GPS receiver, a Juniper Systems Field PC, and one or more application specific programs.



Recognizing the need for real-time GPS data to be incorporated into custom and third party application software, Juniper Systems® developed LandMark Mobile™ to manage the GPS receiver connectivity functions and provide services such as navigation, checking GPS satellite status, and recording the position of specific occupied points. Point averaging and offset capabilities are included. LandMark Mobile runs on the Allegro MX or Archer Field PC®.



LandMark Mobile runs concurrently with your main data collection and processing programs. By using a hot key GPS data are sent directly to your application.

LandMark Mobile Features

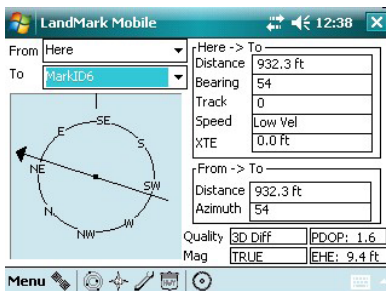
- Connects with a wide variety of GPS receivers using NMEA data streams.
- Multiple data interfaces to other currently running applications: shared memory, data exchange file, and keyboard wedge.
- Sky plot and satellite signal strength diagrams inform you of GPS status.
- User selectable waypoint files, 256 waypoints per file.
- Marking feature allows averaging of a user specified number of 'fix' readings to be used for an average position and elevation reading.
- Offset feature allows waypoint collection for inaccessible locations.
- Hot key for triggering a "Mark" at any point in time is active in all applications.

- Navigation screens allow you to select to and from waypoints, with a compass depicting travel direction, an arrow designating direction to destination, and data fields showing distance to go, speed, track and bearing with crosstrack error.
- User selectable datums and display units (statute, metric, nautical).
- Diagnostics dialogue screens help troubleshoot when connecting a new GPS receiver.
- Available for embedded deployment in Field PC applications.
- Software is licensed on a per Field PC basis.

LandMark Mobile Benefits

- Provides GPS field support functions such as navigation, GPS satellite status, and position marking with point averaging offset.
- Multiple applications can feed from a single GPS receiver data stream.
- Directly inserts GPS coordinates into forms, spreadsheets and other documents via the keyboard wedge feature.
- Greatly reduces development time for application software requiring GPS receiver data input.
- Runs on the ultra-rugged Allegro MX or Archer Field PC.

Contact us for a demo today!



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