

Tersus Nuwa

Survey Application

Overview

Nuwa is a survey application software based on Android OS (Operating System), designed by and all rights reserved to Tersus GNSS Inc. Nuwa is modular, flexible and user friendly. It is designed to work with David GNSS Receiver, Oscar GNSS Receiver, BX Series Boards and other receivers which support NMEA-0183.



Right to the Point

Key Features

Data Management (import/export multiple formats)

Import and Export data in HTML, XML, CSV or Text File with full measurement detail information.

Supports user-defined coordinate system

Supports Bluetooth, USB or WIFI connection to Tersus Receiver

Configure Base, Rover and Static Survey

Graphical Interface for surveying and point stakeout

Tilt Survey

Supports background map (online/import)

Road stakeout by interval and cross section

CAD stakeout and area stakeout

Various coordinate parameters calculation tools

COGO tools, such as Area Perimeter, Azimuth Distance, Grid to Ground

Supports new release detection and online upgrades

Technical Specifications

System

Operating System

- Android 6.0 or later version
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Memory

- Minimum: 1GB RAM + 8GB ROM
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Communication

- Bluetooth V2.0 or later
 - Wifi
 - USB OTG
-

Export Data

Format

- HTML, XML, CSV or Text File
-

Data

- Point name, Antenna height, Rover coordinate system, Base station coordinates, Projection parameters, Number of satellites, Start time, End time, and Epoch, RMS, PDOP, Elevation Mask, Tilt and Fixed solution
-

Coordinate System

50+ countries or regions

Rover coordinate system

- UTM/MSL/Geodetic
-

Base station coordinates

- UTM/MSL/Geodetic
-

Language

Chinese, English, French, Spanish, German, Portuguese, Italian, Russian, Japanese, Korean, Malay, Arabic, Thai, Turkish, Greek, Bulgarian, Traditional Chinese, Vietnamese, and Polish

Tools

Find point Stakeout

Calculate the azimuth distance from survey points in both Grid and Ground coordinate

Calculate the area from the survey point

Raw data can be exported according to manufacturer's standards

Communication Bluetooth and Wifi with OSCAR

Permission

Camera, Storage, and Location

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