

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.



Key Features

Data Management (import/export multiple formats)

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

Supports user-defined coordinate system

Supports Bluetooth, USB or WIFI connection to Tersus Receiver (e.g.:Oscar)

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

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

Technical Specifications

System

Operating System

- Android 6.0, Android 7.0 or later version

Memory

- Minimum: 1GB RAM + 8GB ROM

Communication

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

Export Data

Format

- CSV, Text File, HTML, RAW, KML, DXF, LandXML and More.

Data

- Point name, Code, Local coordinates, WGS84 coordinates, Solution, RMS, DOP, Satellite info, Base info, Tilt info, Antenna height, CRS info and More

Language

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

Permission

Camera, Storage, and Location

Coordinate System

50+ countries or regions

Horizontal Systems

- TM/UTM/NAD83/GDA2020 and More

Vertical Systems

- MSL/Geodetic

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