Nuwa Version(1.0.2.6) Release

Sept 29, 2018

Overview

Tersus GNSS Inc. ("Tersus") is glad to release the Nuwa to David GNSS receiver. Nuwa version (1.0.2.6) is available for download at www.tersus-gnss.com/software/david-receiver and support documents are available at www.tersus-gnss.com/document.

NOTE: In this update the database is not compatible with the old version. Please delete the TersusSurvey folder before installing Nuwa 1.0.2.6. If Nuwa contains important data, please do not delete this folder and wait for update of Nuwa.

New Features

➢ Assists with Bluetooth/USB connection

➢ Configure base/rover setup

➢ Visualized interface for receiver operations

➢ Data management (import/export)

Change from Previous Versions

Issue	Type	Version
Fixed the problem that the antenna height disappeared in the device connection interface after reloading the software	Bug Fix	1.0.2.6
Fixed the problem of the invalidity of static survey after canceling auto-start	Bug Fix	
Fixed the problem of the Ntrip Client set up failure for the rover	Bug Fix	
Fixed the problem of the antenna height configuration failure for the rover	Bug Fix	
Optimize the software automatic update experience	Enhancement	
Optimize the device connections	Enhancement	
Optimize continuous acquisition by time	Enhancement	
Add Geoid Model: (1) support EGM96 and EGM08 at the same time; (2) optimize data loading and reduce waiting time for different devices; (3) simplify algorithm calculation process and save system resources	Enhancement	
Add UTM projection support for the southern hemisphere	Enhancement	
Optimize the rules for point acquisition automatic naming	Enhancement	
Optimize the base shift function: (1) support multiple times of base shift; (2) support	Enhancement	

real-time modification of the shift parameters; (3) reorganize the base shift logic; (4) redesign the base shift UI		
Optimize the solution state of the data export, which is the same as the board definition	Enhancement	
Optimize the display of the antenna height when manual-starting the base station	Enhancement	
Repair of other problems	Enhancement	
Antenna height display optimization	Enhancement	
Survey configuration: display configuration optimization	Enhancement	
Re-enter static storage, status optimization	Enhancement	
Static storage antenna optimization when self-starting the base station	Enhancement	
Line stakeout 'distance' distinguishes between positive and negative	Enhancement	
Add column name for coordinate export	Enhancement	
Remove the 'Acquisition Status' of the 'Text Acquisition' interface	Enhancement	1.0.2.4
'Smoothing' and 'Acquisition' are combined	Enhancement	
Ntrip site management: IP address display is incomplete	Bug Fix	
Click base/rover configuration without changing order	Enhancement	
Support for name modification of base/rover configuration User-defined name can be changed, the system default name cannot be changed	Enhancement	
Add reminder when creating a new project	Enhancement	

Change the logic of antenna type choosing, the antenna type must be choosing before connection	Enhancement	
Change the default antenna height as pole height in surveying, change the default antenna height as slant height in static surveying	Enhancement	
Support choosing file type in import file	Enhancement	
Add GPS mock location	Enhancement	
Fixed the error of configuration when build a new project	Bug Fix	
Optimized the interface freeze if there are too many points in point survey interface	Enhancement	
Optimized the display of export interface	Enhancement	1.0.2.3
Optimized the display of the result in two point intersection	Enhancement	
Optimized the display of title bar	Enhancement	
Optimized the option logic in import interface	Enhancement	
Change the voice output frequency in point stakeout	Enhancement	
Add RTCM1230 message in base model	Enhancement	
Fixed software crashed when sharing project	Bug Fix	
Optimized the logic to register David	Enhancement	
Optimized the device connection	Enhancement	
Support auto start static mode	Enhancement	
Add xyz apporoximate in rinex file	Enhancement	
Optimized the speed to log in CORS.	Enhancement	
Add point name and code in dxf format	Enhancement	1.0.2.2
Fix the abnormity H value if the antenna slant	Bug Fix	

height is zero		
Change the 'Projection' to 'CRS'	Enhancement	
Change the threshold value in collect points by distance	Enhancement	
Optimized auto collect function by distance	Enhancement	1.0.2.1
Optimized software access authority (it need location information authority at the same time when using Bluetooth if your android version is higher than Android 6.0)	Enhancement	
Optimized auto update function	Enhancement	
Optimized the display of system language	Enhancement	
Optimized many default value	Enhancement	
Optimized the pop-up message when getting the first fixed solution	Enhancement	
Optimized the language of pop-up messages	Enhancement	
Fixed the display error in height fitting title panel	Bug Fix	1.0.2.0
Default to open update auto test function	Enhancement	
Fixed software crash due to the display of decimal point in some language	Bug Fix	
Optimized the display of project information	Enhancement	
Fixed the bug that the QR code can't refresh when project parameters changed	Bug Fix	
Fixed the title can't be changed with system language changed	Bug Fix	
Fixed numeric keypad have no decimal point problem in some cellphone	Bug Fix	
Fixed the unusual local coordinate value under some ellipsoid	Bug Fix	