



PenSurvey is a GNSS surveying and mapping software on the Android OS designed for efficient data collection with integrated features for wireless GNSS communication and software update, while providing graphical ease of use and flexibility from a worldwide library of coordinate systems.

Key features:

- » Intuitive Categories for Base & Rover
- » Logical Graphical User Interface Icons Customizable
- » Settings
- » Road Construction Stakeout
- » Real Time CAD Mapping
- » More than 1600 coordinate systems
- » On-line software update & process Ambiguities in real time

PENTAX PenSurvey Specifications

PenSurvey 4.0 is a GNSS field data collection software developed for the Android Operating System. The wide functionality of PenSurvey reflects many years of accumulated knowledge in the survey market with RTK data collection. Overall, PenSurvey provides an ease-of-use with a logical Graphical User Interface featuring icons whose functions are easily recognized by GNSS users. In addition to CAD, COGO and a worldwide Coordinate System library, the software features allows easy RTK data collection for GIS, survey & mapping and road design layout. PenSurvey on a data collector mates perfectly with the Pentax G7 series of GNSS receivers for a total field solution within the Pentax family.

Android platform

- » Android app, compatible with most android phone
- » Online upgrade, check and upgrade like common apps.
- » Customizable display menus
- » Online software activation

Language

- » Supports English, Spanish, French Japanese, Chinese etc

Coordinate system

- » Predefined systems for most area
- » Support user-defined system
- » Support four-parameters and seven-parameters
- » Support Grid file, Geoid file

Data import and export

- » Import format: DAT, CSV, TXT, DXF, DWG, KML
- » Export format: CSV, DAT, DXF, KML, GPX, HTML
- » Support customized format

Communication

- » Bluetooth connection
- » Wi-Fi connection
- » Serial port connection

Point collection

- » Topo/Standard point
- » Control point
- » Quick point
- » Auto record
- » Corner point
- » Stop and Go
- » Tilt point
- » Support Google background maps

COGO and related calculation

- » Traverse and inverse calculation
- » Resection
- » Intersection
- » Perimeter and area
- » Coordinates converter
- » Angle converter

CAD function

- » View CAD file in 2D and 3D
- » Stakeout by pick up points or lines from CAD file directly
- » Cut and fill for the surface

Data share

- » Share project files with FTP
- » Share coordinates system settings, points with QR code

www.pentaxsurveying.com/en/

JSIMA
Japan Surveying Instruments Manufacturers' Association

Member symbol of the Japan Surveying Instruments Manufacturers' Association representing the high quality surveying products.

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