SurPad4.0
Software

SurPad4.0 is a GNSS surveying and mapping software. It is designed based on years of accumulated market experiences, combining them with the international mainstream of surveying and mapping data acquisition function of the software, integrating RTK control, GIS data collection and road design and layout into one place. The software has outstanding graphic interaction, powerful functions and is able to humanize operation process.

Features

Operation System

- Android platform
- Online update
- Online activation

Communication

- Bluetooth
- WIFI
- Serial Port

Map Function

- Google street map[1]
- Google satellite map[2]
- Open street map
- Jump to map center

Coordinate System

- Build-in large number of coordinate system
- Support four parameters and seven parameters
- Support Grid shift file: *.GSB format
- Support Geoid file: *.GGF, *.SGF, *.UGF
- Save and share coordinate system with QR code
- Support localization

Feature code

- Support customized feature code

File Import/Export

- Export to *.csv, *.dat, *.dxf, *.kml, *.gpx, *.html
  The format is customizable
- Import point: *.dat, *.csv, *.txt, *.dxf, *.kml
- Import layer: *.dxf, *.dwg, *.shp, *.xml

Survey Mode

- Topo point
- Control point
- Quick point
- Auto point by time or distance
- Corner point
- Stop and Go / PPK
- Tilt point
- CAD entity

CAD Function

- View in 3D
- Collect and draw CAD entity on field
- Import CAD entity to *.dxf, *.dwg
- Export CAD entity to *.dxf

COGO

- Angle, distance, perimeter, area calculation
- Offset calculation
- Resection
- Intersection

Stakeout function

- Support point, straight line and road stakeout
- Cross section stakeout
- Elevation control
- Stakeout *.dxf, *.dwg, *.shp directly
- Compass guide
- Reference: North or forward direction
- Voice Broadcast

Sharing

- Share data with FTP function
- Share coordinate system with QR code
- Share point with QR code
- Share configuration with QR code

Language

- English
- Simplified Chinese
- Traditional Chinese
- Portuguese
- Korean
- Polish
- Spanish
- Turkish
- Russian
- Japanese
- Hungarian
- Sweden
- Greek
- French
- Serbian

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1 The google service is required
2 The google service is required

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