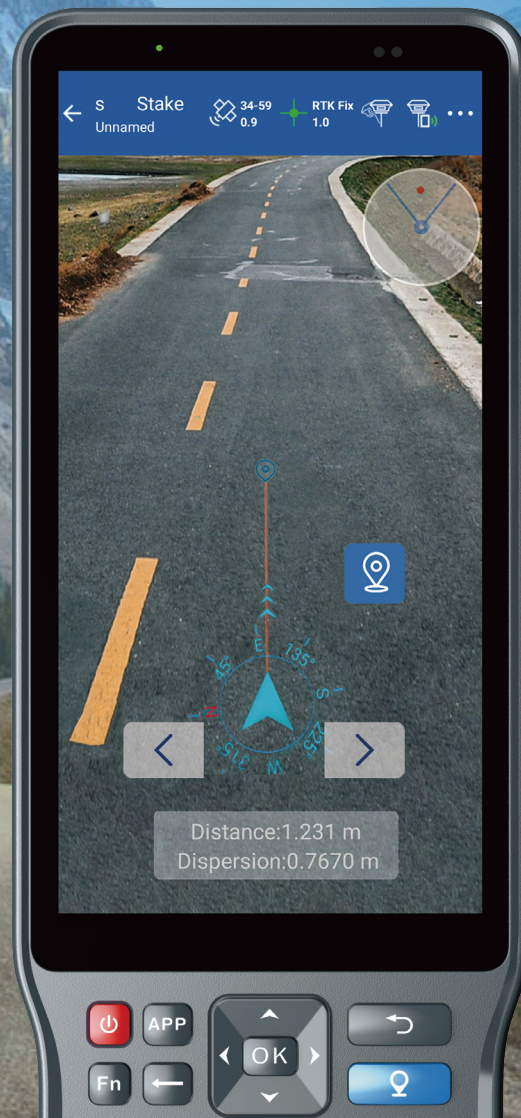Hi-Target

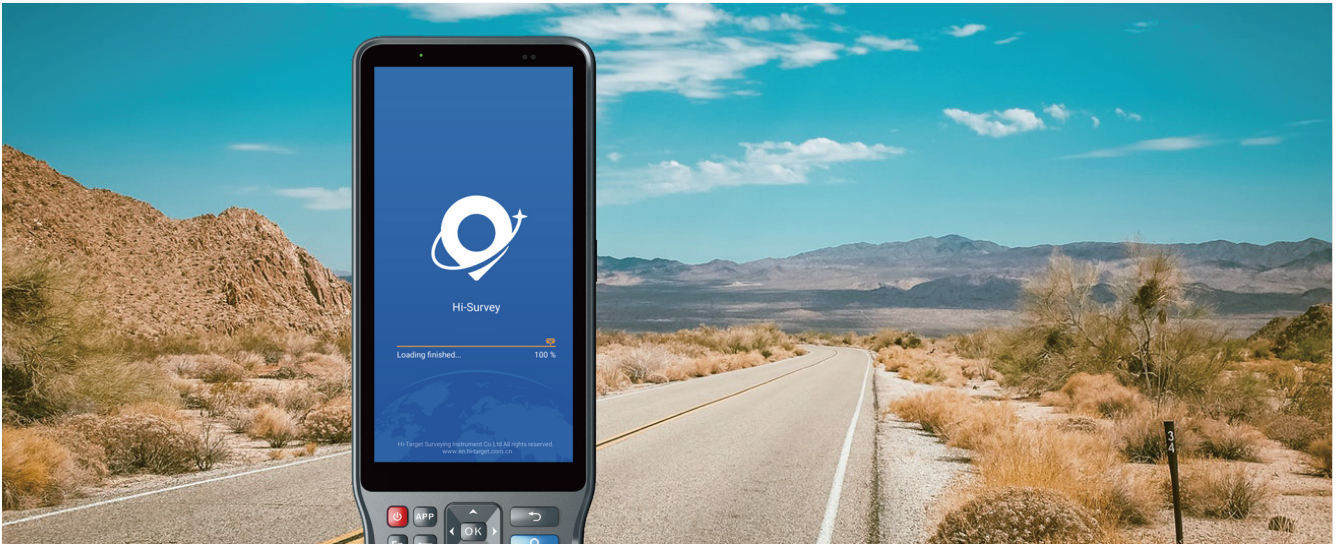*Surveying the World, Mapping the Future*

Hi-Survey

Survey Data Collection Software

Hi-Survey
Survey Data Collection Software

Hi-Survey is an Android software for all types of land surveying and road engineering projects. It is compatible with Hi-Target professional controllers, Android phones, tablets and other third-party Android devices. As a sleek and easy-to-use software, Hi-Survey supports big data operation with built-in tools and also provides customized industrial application solutions.
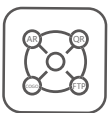

KEY FEATURES

High accuracy and good reliability with various algorithms even in tough environments.
Supporting tilt survey, quasi-dynamic technology, electronic bubble, detail survey, time mode static survey, etc..

Integrated professional measurement functions for engineering application.
Providing road functions, GIS collection, DTM surface operations, Cross-projects points selection, DXF, DWG and shape format, Google map, OGC map service of WMS, WMTS, WFS, and third-party rangefinders, etc..

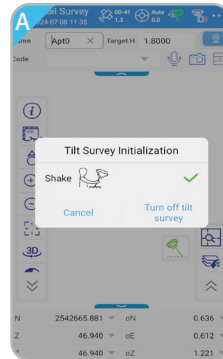**Strong interaction function to empower every surveyor.**
AR stakeout, QR code scanning, COGO, FTP transmission, multi-format support, etc..

FUNCTIONS

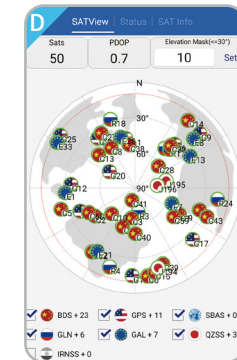**A** Optimized tilt survey correction algorithm and procedure to boost efficient fieldwork.

B Android-based high-performance image processing technology, controller real-time acquisition of coordinates.
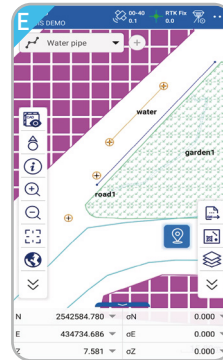
C AR stakeout to guide directions with the intelligent voice and compass.

D Users can view the number of the tracking satellites, PDOP, Elevation Mask, the current satellite constellations and other information in the sky plot interface.
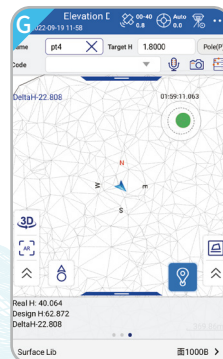
E Integrates GIS feature management, data collection and editing, import and export, and supports WMS, WMTS, WFS and WFTS online map services.
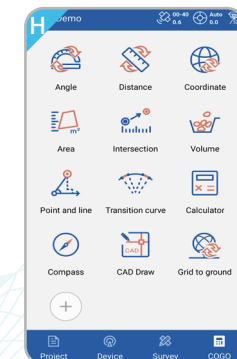
F Advanced CAD data management, supporting importing files of DXF, DWG format, and achieving data stakeout by the object snap functions of INT, TAN, PER, etc..

G DTM surface design, stakeout and earthwork calculation.

H Excellent user experience with device check tools, compass, third-party rangefinders, transition curve calculation, FTP transmission and file coordinate conversation, etc..

TECHNICAL SPECIFICATIONS

Software Information

Operating platform：Android

License: Online activation &

Offline registeration code

Coordinate System

Predifined Coordinate systems

Compute Project Coordinates

Geoid files & Grid files

Grid to Ground

Parameter Encrypt & QR code Shareing

Features Processing

Code Table Manager

Various features of point/line/polygon

Import/Export Codelists

Survey

Auto Collection(By Time/Dist./Height)

Average Survey

Auto join Line&Polygon

Image survey

AR Measurement

Code method

Stakeout

Point/ Line/ Polygon Stakeout

Road&Slope Stakeout

AR Stakeout

CAD Stakeout

Photovoltaic Stakeout

Reference DreAtion: Sun Azimuth,

North or Forward direction

Import

CAD Data(*.dwg, *.dxf)

NetCAD (*.NCN)

CASS TIN File (*.sjw)

Civil 3D (*.xml)

LandXML (*.xml)

LandXML TIN File (*.xml)

Road File (*.road, *.road2, *.XY, *.hjd, *.pm)

Elcad (*.ICD)

Coordinate Systems (*.DC, *.loc, *.html)

ESRI (*.shp)

Geo Viewer (*.KML)

ASC (*.txt, *.xls, *.csv, *.dat)

Export

CAD Data (*.dwg, *.dxf)

NetCAD (*.NCN)

ESRI (*.shp)

Geo Viewer (*.KML)

GeoJSON (*.geojson)

Trimble Data Exchange (*.asc)

ASC File (*.asc)

ASC Ⅱ (*.txt, *.xls, *.csv, *.dat)

Cross-section Data (*.DMX, *.hdm,

*.DMG, *.HDX, *.BGHN, *.dmx)

Report (*.html)

Advanced Function

CAD Draw

GIS Collection

Road Design

COGO

Area&Volume calculation

Angle&Distance conversion

Coordinate inverse calculation

Intersection calculation

Azimuth calculation

Map Function

Google Map/Satelite/Terrain/Hybrid

ArcGIS Online

Customized map source

WMS, WMTS, WFS

Offline Map Files:SHP, DXF, DWG, TIFF, KML

Unit

Meter, Foot, Foot(U.S.)

Degree, Gon, Mil

Software language

Bulgarian, Simplified Chinese, Traditional Chinese,

English, French, German, Greek, Icelandic,

Iranian Persian, Italian, Japanese, Korean,

Lithuanian, Magyar, Mongolian, Polish, Portuguese,

Romanian, Russian, Serbian, Spanish, Thai,

Turkish, Vietnamese.

Descriptions and specifications are subject to change without notice.

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