ROAD ENGINEERING SURVEY

Integrated with professional road design, road stakeout, and cross-station function, Hi-Survey is born to assist surveyors in efficient work.

Driven by Hi-Target's innovative technologies, Hi-Survey Road supports multiple road designs, offering Centerline, Profile, Cross-section, Side-section, Broken Chainage and Construction function.
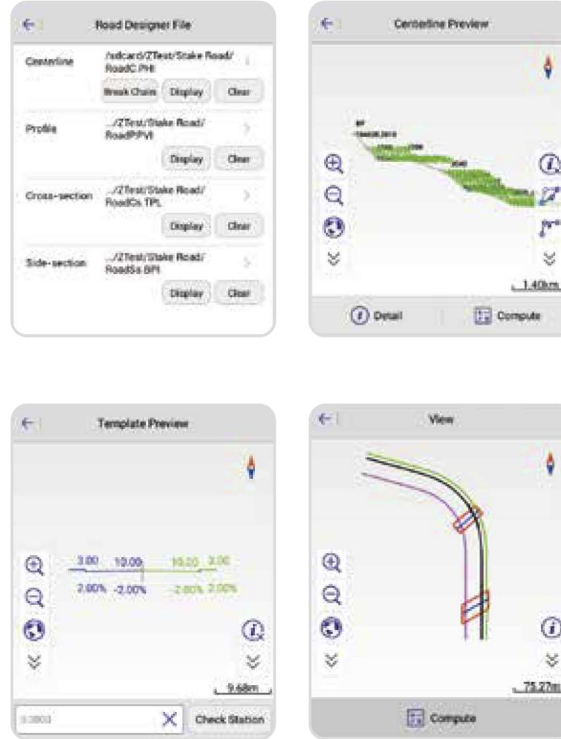
Hi-Survey Road supports direct import. Users can import road format data or Land XML file from the Road library, which will improve the efficiency of road measurement.

View the graphic, confirm the location of stakeout points, and stake out a road in the Stake Road.

Survey and store cross-section points in the Store cross-section to get the undulating terrain.

APPLICATIONS

Topographic Survey

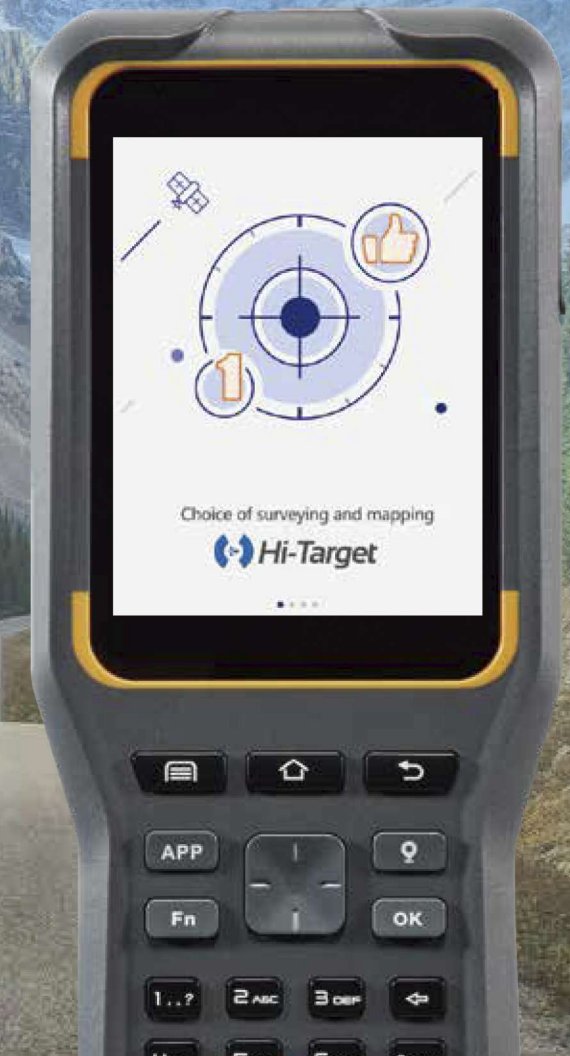Road Engineering Survey

Construction Layout

Cadastral Survey

Hi-Survey Road

Survey Data Collection Software

HI-SURVEY ROAD

Hi-Survey Road is an Android software for all types of land surveying and road engineering projects in the field. 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 Road supports the operating of big data with built-in tools and provides customized industrial application solutions to help users realize their full potential.


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, DTM surface operations, Cross-projects points selection, DXF and DWG format, Google map, OGC map service of WMS, WMTS, and third-party rangefinders, etc..

Strong interaction function to empower every surveyor.
▶ AR stakeout, QR code scanning, COGO, FTP transmission, multi-format support, etc..
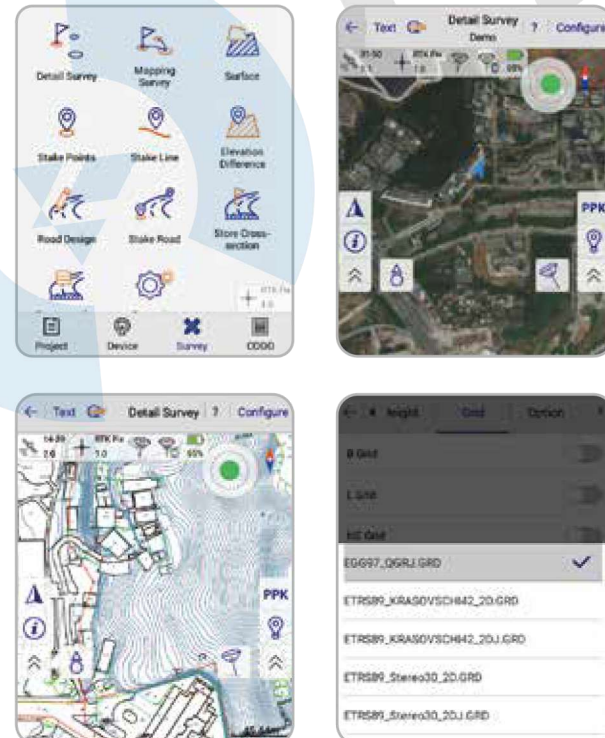
FUNCTIONS
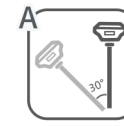
A Optimized tilt survey correction algorithm and procedure to boost efficient fieldwork.

B Quasi-dynamic technology to improve surveying accuracy even in harsh environments.

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 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..

F DTM surface design, stakeout and earthwork calculation.

G Convenient cross-projects points selection for stakeout, calculation, etc..

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